Lohngerechtigkeit und Geschlechternormen: Erhalten Männer eine Heiratsprämie?

Ben Jann · Barbara Zimmermann · Andreas Diekmann

Online-Anhang

Teil A: Tabellen und ergänzende Abbildungen

Teil B: Analyseskript und zusätzliche Resultate

Tabelle A1: Durchschnittliche Einkommensbewertung nach experimentellen Faktoren

	Frauen			Männer			Differenz	
	$\overline{Y}$	$\hat{\sigma}$	N	$\overline{Y}$	$\hat{\sigma}$	N	Δ	$\hat{\sigma}$
Experiment 1								
Tiefe Leistung								
– tiefe Bedürftigkeit	1.04	0.21	68	-0.01	0.20	74	1.06^{***}	0.29
– hohe Bedürftigkeit	-0.47	0.22	73	-1.38	0.22	65	0.92^{**}	0.31
Hohe Leistung								
– tiefe Bedürftigkeit	-0.96	0.27	57	-1.95	0.19	64	0.99^{**}	0.33
– hohe Bedürftigkeit	-2.26	0.17	73	-2.80	0.25	55	0.54^{+}	0.30
Experiment 2								
JournalistIn								
– schweizerischer Name	-0.57	0.31	30	-0.37	0.33	27	-0.20	0.45
– ausländischer Name	-0.70	0.28	30	-0.83	0.29	35	0.13	0.40
KrankenpflegerIn								
– schweizerischer Name	-1.32	0.25	31	-1.61	0.30	31	0.29	0.39
– ausländischer Name	-1.62	0.30	29	-1.17	0.21	36	-0.45	0.37
SchreinerIn								
– schweizerischer Name	-0.74	0.28	27	-1.17	0.37	30	0.43	0.46
– ausländischer Name	-0.28	0.28	29	-0.13	0.39	30	-0.14	0.49
Experiment 3								
Tiefe Leistung								
– alleinstehend	1.00	0.10	242	0.87	0.10	247	0.12	0.14
– verheiratet	1.00	0.11	239	0.52	0.11	234	0.48^{**}	0.15
Hohe Leistung								
– alleinstehend	0.31	0.11	229	0.14	0.10	248	0.17	0.14
– verheiratet	0.25	0.10	232	-0.21	0.10	241	0.46^{**}	0.14

Abhängige Variable: Einkommensbewertung (–5 = „viel zu niedrig“ bis 5 = „viel zu hoch“); $\overline{Y}$: Mittelwert; $\hat{\sigma}$: Standardfehler; Differenz Δ: $^{+}\, p < 0.1$, $^{*}\, p < 0.05$, $^{**}\, p < 0.01$, $^{***}\, p < 0.001$ (zweiseitig)

Tabelle A2: Deskriptive Statistiken der Stichproben

	Experiment 1		Experiment 2		Experiment 3	
	$\overline{X}$	σ	$\overline{X}$	σ	$\overline{X}$	σ
Vignettenvariablen						
– Bewertung	-1.05	2.10	-0.89	1.70	0.48	1.63
– männlich	48.8		51.8		50.7	
– hohe Leistung	47.1				49.7	
– hohe Bedürftigkeit	50.3					
– verheiratet					49.5	
– JournalistIn			33.4			
– KrankenpflegerIn			34.8			
– SchreinerIn			31.8			
– ausländischer Name			51.8			
– Einkommen			5006.8	574.7	5497.6	411.9
Befragtenmerkmale						
– männlich	58.7		59.3		45.4	
– Alter	48.9	15.8	50.4	16.9	54.0	15.8
– Bildungsjahre	12.2	2.7	12.0	2.5	12.2	2.8
– Einkommen	4977.3	2763.2	5508.4	3549.8	5226.0	2203.0
– politische Orientierung	5.0	1.8	5.2	1.6		
– Deutschschweiz	100.0		100.0		78.6	
– französische Schweiz					15.4	
– italienische Schweiz					6.0	
Anzahl Beobachtungen	529		365		1912	

$\overline{X}$: Mittelwert bzw. Prozentanteil; σ: Standardabweichung; Einkommen: Haushaltsäquivalenzeinkommen bei Experiment 1 und 3, persönliches Einkommen bei Experiment 2; politische Orientierung: 1 = ganz links, 10 = ganz rechts; Anzahl Beobachtungen: Für einzelne Befragtenmerkmale aufgrund von fehlenden Werten teilweise geringfügig reduziert (vgl. Tabelle 4).

Tabelle A3: Numerische Werte zu Abbildung 4

	Frauen		Männer		Differenz	
	$\hat{E}(Y)$	$\hat{\sigma}$	$\hat{E}(Y)$	$\hat{\sigma}$	Δ	$\hat{\sigma}$
Total	-0.61	0.11	-1.49	0.11	0.88^{***}	0.15
Leistung						
– tief	0.28	0.15	-0.70	0.15	0.99^{***}	0.21
– hoch	-1.62	0.15	-2.38	0.16	0.76^{***}	0.22
Bedürftigkeit						
– tief	0.10	0.16	-0.93	0.15	1.02^{***}	0.22
– hoch	-1.31	0.14	-2.05	0.16	0.74^{***}	0.22
Befragungsperson						
– weiblich	-0.76	0.16	-1.40	0.17	0.64^{**}	0.24
– männlich	-0.54	0.14	-1.51	0.14	0.98^{***}	0.20

Abhängige Variable: Einkommensbewertung (–5 = „viel zu niedrig“ bis 5 = „viel zu hoch“); $\hat{E}(Y)$: Durchschnittliche Bewertung; Δ: Differenz zwischen Frauen und Männern; $\hat{\sigma}$: Standardfehler; $N = 529$ (bzw. 525 für die Resultate nach Geschlecht der Befragungsperson) Differenztests: $^{+}\, p < 0.1$, $^{*}\, p < 0.05$, $^{**}\, p < 0.01$, $^{***}\, p < 0.001$ (zweiseitig)

Tabelle A4: Numerische Werte zu Abbildung 5

	Frauen		Männer		Differenz	
	$\hat{E}(Y)$	$\hat{\sigma}$	$\hat{E}(Y)$	$\hat{\sigma}$	Δ	$\hat{\sigma}$
Total	-0.90	0.12	-0.88	0.12	-0.02	0.17
Beruf						
– JournalistIn	-1.05	0.24	-0.98	0.23	-0.07	0.30
– KrankenpflegerIn	-1.08	0.24	-0.99	0.22	-0.09	0.29
– SchreinerIn	-0.53	0.22	-0.63	0.21	0.10	0.30
Name						
– schweizerisch	-0.88	0.17	-1.03	0.17	0.15	0.25
– ausländisch	-0.91	0.17	-0.73	0.16	-0.18	0.24
Befragungsperson						
– weiblich	-1.02	0.20	-1.02	0.19	-0.00	0.27
– männlich	-0.83	0.15	-0.82	0.16	-0.01	0.22

Abhängige Variable: Einkommensbewertung (–5 = „viel zu niedrig“ bis 5 = „viel zu hoch“); $\hat{E}(Y)$: Durchschnittliche Bewertung; Δ: Differenz zwischen Frauen und Männern; $\hat{\sigma}$: Standardfehler; $N = 365$ (bzw. 364 für die Resultate nach Geschlecht der Befragungsperson); Differenztests: $^{+}\, p < 0.1$, $^{*}\, p < 0.05$, $^{**}\, p < 0.01$, $^{***}\, p < 0.001$ (zweiseitig)

Tabelle A5: Numerische Werte zu Abbildung A1

	Frauen		Männer		Differenz	
	$\hat{E}(Y)$	$\hat{\sigma}$	$\hat{E}(Y)$	$\hat{\sigma}$	Δ	$\hat{\sigma}$
Total	6144.4	339.6	6119.5	338.4	-24.9	215.8
Beruf						
– JournalistIn	6339.4	342.8	6245.0	334.2	-94.4	373.7
– KrankenpflegerIn	6377.6	569.1	6261.5	533.6	-116.0	367.7
– SchreinerIn	5677.3	323.4	5808.3	341.9	131.1	385.0
Name						
– schweizerisch	6119.1	372.8	6306.2	421.4	187.1	316.0
– ausländisch	6163.8	373.0	5931.1	320.9	-232.7	305.2
Befragungsperson						
– weiblich	6199.0	380.4	6195.7	370.0	-3.4	317.6
– männlich	5966.8	295.4	5955.4	304.0	-11.4	257.8

Abhängige Variable: Einkommensbewertung (–5 = „viel zu niedrig“ bis 5 = „viel zu hoch“); Resultate umgerechnet zu CHF; $\hat{E}(Y)$: Durchschnittliche Bewertung; Δ: Differenz zwischen Frauen und Männern; $\hat{\sigma}$: Standardfehler; $N = 365$ (bzw. 364 für die Resultate nach Geschlecht der Befragungsperson); Differenztests: $^{+}$ $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ (zweiseitig)

Tabelle A6: Numerische Werte zu Abbildung 6

	Frauen		Männer		Differenz	
	$\hat{E}(Y)$	$\hat{\sigma}$	$\hat{E}(Y)$	$\hat{\sigma}$	Δ	$\hat{\sigma}$
Total	0.64	0.05	0.33	0.05	0.31^{***}	0.07
Leistung						
– tief	0.98	0.07	0.71	0.07	0.27^{**}	0.10
– hoch	0.29	0.07	-0.05	0.07	0.34^{***}	0.10
Familienstand						
– alleinstehend	0.65	0.07	0.50	0.07	0.14	0.10
– verheiratet	0.63	0.07	0.16	0.07	0.47^{***}	0.10
Befragungsperson						
– weiblich	0.66	0.07	0.31	0.07	0.35^{***}	0.09
– männlich	0.62	0.07	0.36	0.07	0.26^{*}	0.10

Abhängige Variable: Einkommensbewertung (–5 = „viel zu niedrig“ bis 5 = „viel zu hoch“); $\hat{E}(Y)$: Durchschnittliche Bewertung; Δ: Differenz zwischen Frauen und Männern; $\hat{\sigma}$: Standardfehler; $N = 1912$; Differenztests: $^{+}$ $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ (zweiseitig)

Tabelle A7: Numerische Werte zu Abbildung A2

	Frauen		Männer		Differenz	
	$\hat{E}(Y)$	$\hat{\sigma}$	$\hat{E}(Y)$	$\hat{\sigma}$	Δ	$\hat{\sigma}$
Total	4911.7	63.9	5193.1	50.4	281.4^{***}	67.1
Leistung						
– tief	4599.1	94.7	4850.0	80.3	250.9^{**}	92.0
– hoch	5228.1	67.6	5540.5	62.9	312.5^{***}	92.9
Familienstand						
– alleinstehend	4904.2	78.9	5035.8	72.0	131.6	90.0
– verheiratet	4919.1	77.8	5353.7	64.7	434.5^{***}	96.2
Befragungsperson						
– weiblich	4892.1	77.3	5214.6	64.4	322.5^{***}	89.8
– männlich	4928.0	80.5	5168.6	71.1	240.6^{*}	96.4

Abhängige Variable: Einkommensbewertung (–5 = „viel zu niedrig“ bis 5 = „viel zu hoch“); Resultate umgerechnet zu CHF; $\hat{E}(Y)$: Durchschnittliche Bewertung; Δ: Differenz zwischen Frauen und Männern; $\hat{\sigma}$: Standardfehler; $N = 1912$; Differenztests: $^{+}\, p < 0.1$, $^{*}\, p < 0.05$, $^{**}\, p < 0.01$, $^{***}\, p < 0.001$ (zweiseitig)

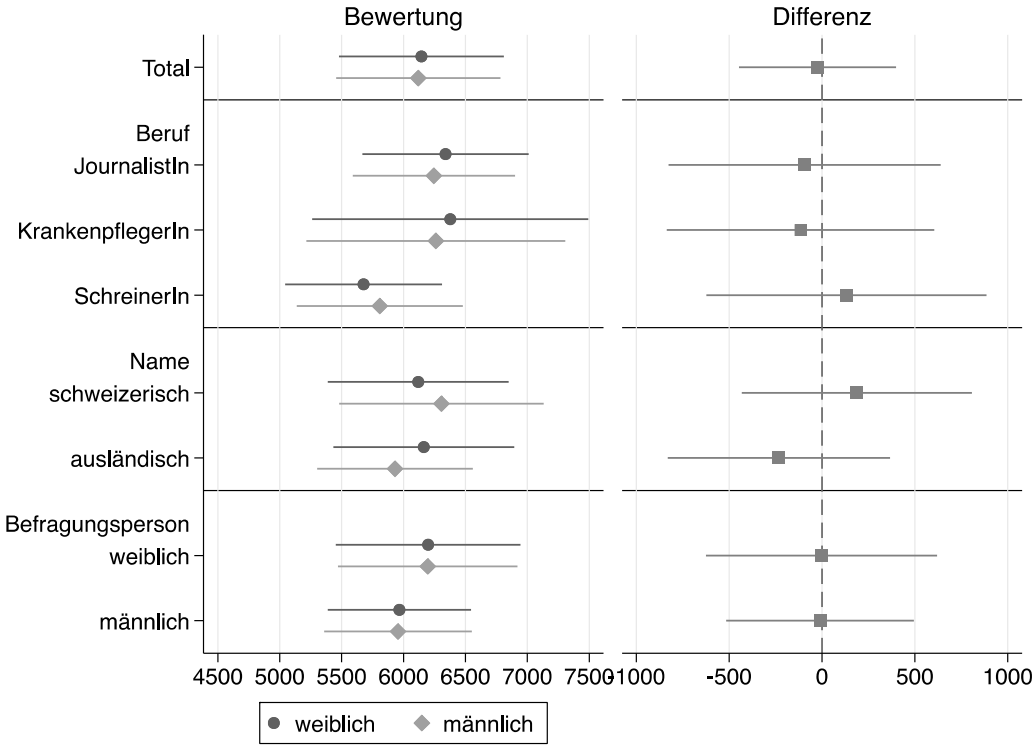


Abbildung A1: Einkommensbewertungen in CHF nach Geschlecht der beschriebenen Person in Experiment 2 („predictive margins“ sowie deren Differenzen, inkl. 95%-Konfidenzintervalle; $\mathrm{N} = 365$, bzw. 364 für die Resultate nach Geschlecht der Befragungsperson; numerische Werte siehe Tabelle A5)

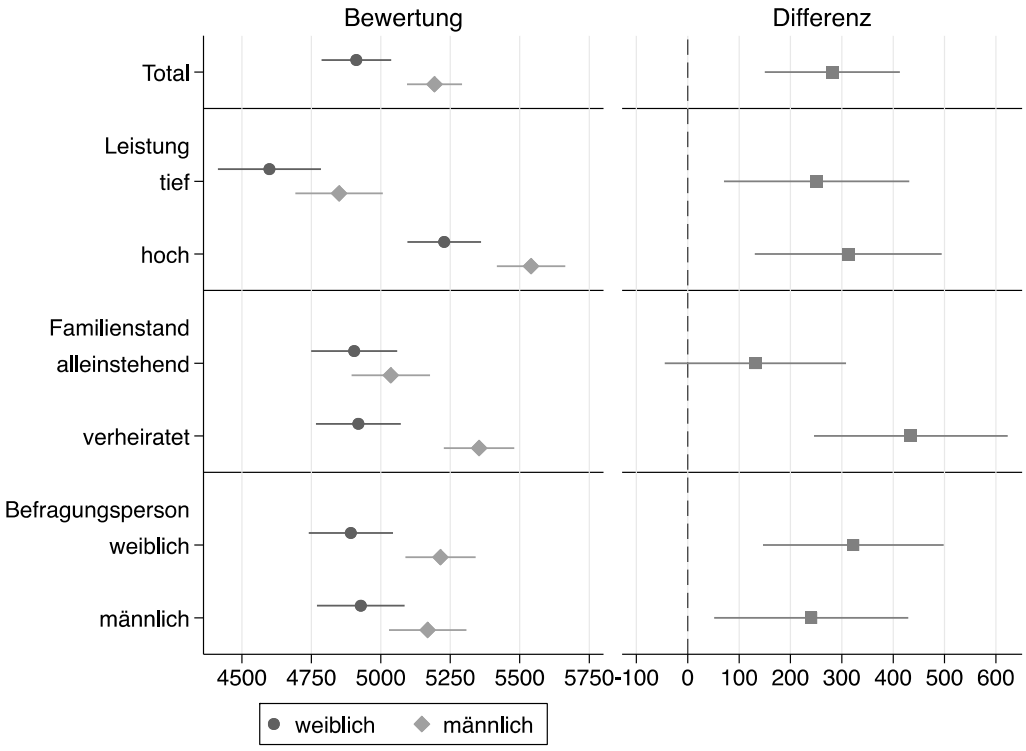


Abbildung A2: Einkommensbewertungen in CHF nach Geschlecht der beschriebenen Person in Experiment 3 („predictive margins“ sowie deren Differenzen, inkl. 95%-Konfidenzintervalle; $N = 1912$; numerische Werte siehe Tabelle A7)

Analyseskript und zusätzliche Resultate zu:

Ben Jann, Barbara Zimmermann, Andreas Diekmann: „Lohngerechtigkeit und Geschlechternormen: Erhalten Männer eine Heiratsprämie?“

Software: Stata/MP 15.1 (verwendete Zusatzmodule: `coefplot`, `addplot`, `estout`, `erepost`, `grstyle`, `palettes`)

Inhaltsverzeichnis

Generiert mit `sttex`, 01apr2019

1 Setup

```
. // Allgemein
. about

Stata/MP 15.1 for Mac (64-bit Intel)
Revision 18 Apr 2018
Copyright 1985-2017 StataCorp LLC

Total physical memory:   16.00 GB

30-user 2-core Stata network perpetual license:
       Serial number:  501506208443
         Licensed to:  Ben Jann
                       University of Bern

. version 15.1

. clear all

. set linesize 100

. set type double

.
. // Grafikeinstellungen
. set scheme s2mono

. grstyle init

. grstyle set plain, grid

. grstyle set symbol

. *grstyle set color gs6, p(1/15): p#
. grstyle set linewidth thin: xyline

. grstyle set lpattern dash: xyline

. grstyle set margin zero
```

2 Experiment 1

```
. clear all

. use "../Survey 2001/daten/gerecht2001"

. qui mvdecode _all, mv(-9/-6)

. gen byte rating = f11         if inrange(f11,-5,5)
(7 missing values generated)

. gen byte sex    = f11sex==1   if inlist(f11sex,0,1)

. gen byte need   = f11bed==1   if inlist(f11bed,0,1)

. gen byte effort = f11leist==1 if inlist(f11leist,0,1)

. gen p_sex       = 2-f36       if f36<.
(4 missing values generated)

. lab def sex 0 "weiblich" 1 "männlich"

. lab val sex p_sex sex

. lab def hilo 0 "tief" 1 "hoch"

. lab val need effort hilo

. drop if rating>=.
(7 observations deleted)
```

2.1 Bereinigte Resultate (Regression Adjustment)

```
. // Modelle
. regress rating i.sex##i.effort##i.need, vsquish nofvlabel

      Source |       SS           df       MS      Number of obs   =       529
-------------+----------------------------------   F(7, 521)       =     34.60
       Model |  737.864027         7  105.409147   Prob > F        =    0.0000
```

```
    Residual |  1587.04713       521  3.04615571   R-squared       =    0.3174
-------------+----------------------------------   Adj R-squared   =    0.3082
       Total |  2324.91115       528  4.40324082   Root MSE        =    1.7453

------------------------------------------------------------------------------
         rating |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
----------------+-------------------------------------------------------------
          1.sex |  -1.057631   .2931905    -3.61   0.000    -1.633612   -.4816503
        1.effort |   -2.00903    .313429    -6.41   0.000     -2.62477    -1.39329
     sex#effort |
           1 1 |   .0694184   .4324329     0.16   0.873    -.7801079    .9189448
         1.need |  -1.509871   .2941506    -5.13   0.000    -2.087738   -.9320041
       sex#need |
           1 1 |   .1387692   .4177951     0.33   0.740    -.6820009    .9595393
    effort#need |
           1 1 |   .2145094   .4262559     0.50   0.615    -.6228821    1.051901
sex#effort#need |
         1 1 1 |   .3097175   .6104941     0.51   0.612    -.8896152     1.50905
          _cons |   1.044118   .2116516     4.93   0.000     .6283222    1.459913
------------------------------------------------------------------------------

. eststo m1

. regress rating i.sex##i.effort##i.need##i.p_sex, vsquish nofvlabel

      Source |       SS           df       MS      Number of obs   =       525
-------------+----------------------------------   F(15, 509)      =     17.80
       Model |  785.365883        15  52.3577255   Prob > F        =    0.0000
    Residual |   1497.3465       509  2.94174165   R-squared       =    0.3440
-------------+----------------------------------   Adj R-squared   =    0.3247
       Total |  2282.71238       524  4.35632134   Root MSE        =    1.7152

------------------------------------------------------------------------------
                 rating |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
----------------------+-------------------------------------------------------
                  1.sex |  -.5710872   .4514956    -1.26   0.206    -1.458112    .3159371
                1.effort |  -2.002849    .471272    -4.25   0.000    -2.928727   -1.076971
              sex#effort |
                    1 1 |  -.1186564   .6442439    -0.18   0.854    -1.384361    1.147048
                  1.need |  -1.457176   .4481995    -3.25   0.001    -2.337725   -.5766272
                sex#need |
                    1 1 |  -.9346998   .6361848    -1.47   0.142    -2.184571    .3151715
            effort#need |
                    1 1 |  -.0043625   .6535829    -0.01   0.995    -1.288415     1.27969
        sex#effort#need |
                  1 1 1 |   1.885127   .9447259     2.00   0.047     .029085    3.741169
                 1.p_sex |   .2535613    .429398     0.59   0.555    -.5900494    1.097172
               sex#p_sex |
                    1 1 |  -.7750666   .5910322    -1.31   0.190    -1.936229    .3860962
            effort#p_sex |
                    1 1 |  -.1766382   .6289552    -0.28   0.779    -1.412306     1.05903
        sex#effort#p_sex |
                  1 1 1 |   .3471632   .8631922     0.40   0.688    -1.348695    2.043021
              need#p_sex |
                    1 1 |  -.1369454   .5899677    -0.23   0.817    -1.296017    1.022126
          sex#need#p_sex |
                  1 1 1 |   1.774435    .836281     2.12   0.034     .1314478    3.417423
       effort#need#p_sex |
                  1 1 1 |   .4921009   .8573203     0.57   0.566    -1.192221    2.176423
sex#effort#need#p_sex |
                1 1 1 1 |  -2.554887   1.230373    -2.08   0.038    -4.972122   -.1376514
                  _cons |   .9259259   .3300809     2.81   0.005     .2774373    1.574415
------------------------------------------------------------------------------

. eststo m2

. // Effekt des Geschlechts in der Vignette: Total
. qui est restore m1

. margins sex, post

Predictive margins                              Number of obs     =        529
Model VCE    : OLS

Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
sex						
weiblich	-.6088445	.1063326	-5.73	0.000	-.8177377	-.3999512
männlich	-1.489081	.1090328	-13.66	0.000	-1.703279	-1.274883

```
. lincom _b[0bn.sex] - _b[1.sex]
 ( 1)  0bn.sex - 1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.8802368	.1522983	5.78	0.000	.5810426	1.179431

```
. // Effekt der Leistung: Total
. qui est restore m1
. margins effort, post
Predictive margins                              Number of obs     =        529
Model VCE    : OLS
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
effort						
tief	-.1994405	.1043676	-1.91	0.057	-.4044735	.0055926
hoch	-1.996494	.1106863	-18.04	0.000	-2.21394	-1.779048

```
. lincom _b[0bn.effort] - _b[1.effort]
 ( 1)  0bn.effort - 1.effort = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	1.797053	.1521317	11.81	0.000	1.498187	2.09592

```
. // Effekt des Geschlechts in der Vignette: nach Leistung
. qui est restore m1
. margins effort#sex, post
Predictive margins                              Number of obs     =        529
Model VCE    : OLS
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
effort#sex						
tief#weiblich	.2849008	.1470481	1.94	0.053	-.0039792	.5737808
tief#männlich	-.7029523	.1484046	-4.74	0.000	-.9944972	-.4114074
hoch#weiblich	-1.616266	.1541425	-10.49	0.000	-1.919083	-1.313449
hoch#männlich	-2.378964	.1605245	-14.82	0.000	-2.694319	-2.063609

```
. lincom _b[0bn.effort#0bn.sex] - _b[0bn.effort#1.sex]
 ( 1)  0bn.effort#0bn.sex - 0bn.effort#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.9878531	.2089188	4.73	0.000	.5774263	1.39828

```
. lincom _b[1.effort#0bn.sex] - _b[1.effort#1.sex]
 ( 1)  1.effort#0bn.sex - 1.effort#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.7626977	.222549	3.43	0.001	.3254941	1.199901

```
. lincom (_b[1.effort#0bn.sex] - _b[1.effort#1.sex]) ///
>     - (_b[0bn.effort#0bn.sex] - _b[0bn.effort#1.sex])
 ( 1)  - 0bn.effort#0bn.sex + 0bn.effort#1.sex + 1.effort#0bn.sex - 1.effort#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.2251554	.305246	-0.74	0.461	-.8248196	.3745088

```
. // Effekt der Bedürftigkeit: Total
. qui est restore m1
. margins need, post
Predictive margins                              Number of obs     =        529
Model VCE    : OLS
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
need						
tief	-.4017358	.107984	-3.72	0.000	-.6138735	-.1895982
hoch	-1.673286	.1073445	-15.59	0.000	-1.884167	-1.462405

```
. lincom _b[0bn.need] - _b[1.need]
 ( 1)  0bn.need - 1.need = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	1.27155	.1522609	8.35	0.000	.9724295	1.570671

```
. // Effekt des Geschlechts in der Vignette: nach Bedürftigkeit
. qui est restore m1
. margins need#sex, post
Predictive margins                              Number of obs     =        529
Model VCE    : OLS
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
need#sex						
tief#weiblich	.0984684	.1561745	0.63	0.529	-.2083407	.4052775
tief#männlich	-.9264875	.1485862	-6.24	0.000	-1.218389	-.6345858
hoch#weiblich	-1.310433	.1446918	-9.06	0.000	-1.594684	-1.026182
hoch#männlich	-2.050836	.1593746	-12.87	0.000	-2.363932	-1.73774

```
. lincom _b[0bn.need#0bn.sex] - _b[0bn.need#1.sex]
 ( 1)  0bn.need#0bn.sex - 0bn.need#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	1.024956	.2155651	4.75	0.000	.6014723	1.44844

```
. lincom _b[1.need#0bn.sex] - _b[1.need#1.sex]
 ( 1)  1.need#0bn.sex - 1.need#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]

(1)	.7404029	.215258	3.44	0.001	.3175226	1.163283

```
. lincom (_b[1.need#0bn.sex] - _b[1.need#1.sex]) ///
>     - (_b[0bn.need#0bn.sex] - _b[0bn.need#1.sex])
 ( 1)  - 0bn.need#0bn.sex + 0bn.need#1.sex + 1.need#0bn.sex - 1.need#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.284553	.304638	-0.93	0.351	-.8830229	.3139168

```
. // Effekt des Geschlechts der befragten Person: Total
. qui est restore m2
. margins p_sex, post
Predictive margins                              Number of obs     =        525
Model VCE    : OLS
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_sex						
weiblich	-1.08216	.1171746	-9.24	0.000	-1.312366	-.8519549
männlich	-1.024239	.0980019	-10.45	0.000	-1.216777	-.8317012

```
. lincom _b[0bn.p_sex] - _b[1.p_sex]
 ( 1)  0bn.p_sex - 1.p_sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.0579211	.1527556	-0.38	0.705	-.3580301	.2421879

```
. // Effekt des Geschlechts in der Vignette: nach Geschlecht der befragten Person
. qui est restore m2
. margins p_sex#sex, post
Predictive margins                              Number of obs     =        525
Model VCE    : OLS
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_sex#sex						
weiblich#weiblich	-.7595479	.163175	-4.65	0.000	-1.080127	-.4389685
weiblich#männlich	-1.400655	.1703463	-8.22	0.000	-1.735324	-1.065987
männlich#weiblich	-.5388339	.1381614	-3.90	0.000	-.8102707	-.2673972
männlich#männlich	-1.514873	.1396607	-10.85	0.000	-1.789256	-1.240491

```
. lincom _b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex]
 ( 1)  0bn.p_sex#0bn.sex - 0bn.p_sex#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.6411075	.2358897	2.72	0.007	.1776703	1.104545

```
. lincom _b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]
 ( 1)  1.p_sex#0bn.sex - 1.p_sex#1.sex = 0
```

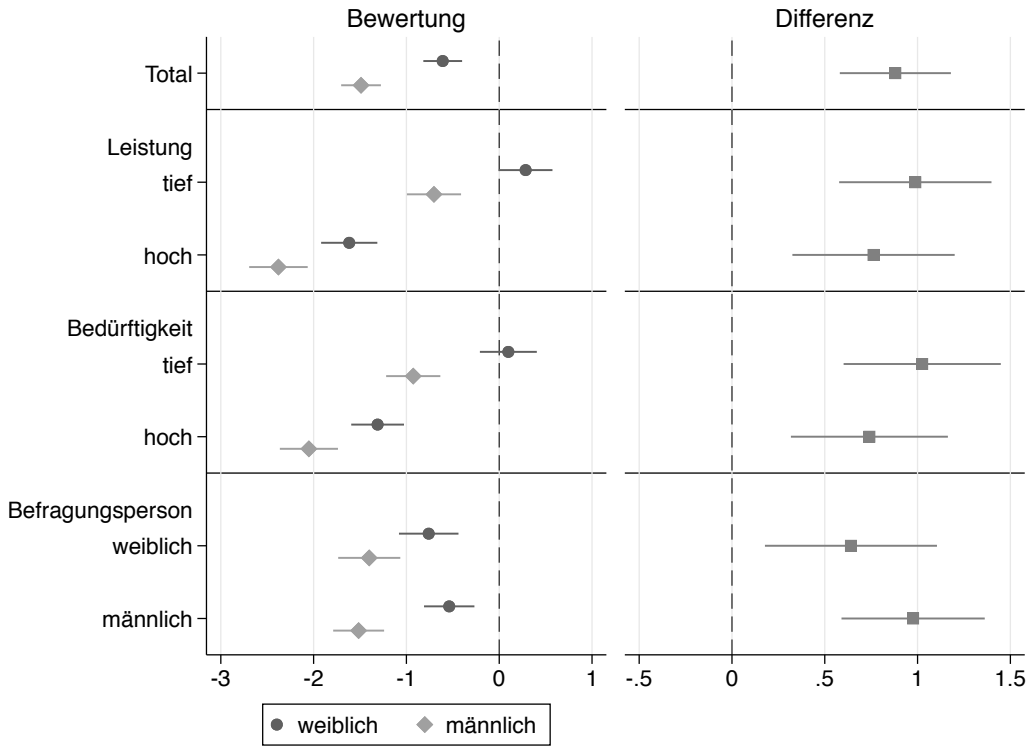
	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.9760394	.1964528	4.97	0.000	.5900813	1.361997

```
. lincom (_b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]) ///
>     - (_b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex])
 ( 1)  - 0bn.p_sex#0bn.sex + 0bn.p_sex#1.sex + 1.p_sex#0bn.sex - 1.p_sex#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.3349319	.3069815	1.09	0.276	-.2681748	.9380386

2.1.1 Abbildung

```
. capt prog drop adddiff
. program adddiff
  1.     tempname b V
  2.     mat `b' = e(b)
  3.     mat coln `b' = "0" "1"
  4.     erepost b=`b', rename
  5.     mat `b' = e(b)
  6.     mat `V' = e(V)
  7.     qui lincom _b[0]-_b[1]
  8.     mat `b' = `b', r(estimate)
  9.     mat coln `b' = "0" "1" "d"
 10.     mat `V' = (`V', J(colsof(`V'), 1, 0)) \ (J(1, rowsof(`V'), 0), r(se)^2)
 11.     erepost b=`b' V=`V', rename
 12. end
. qui est restore m1
. qui margins sex, post
. eststo Total: adddiff
. qui est restore m1
. qui margins 0.effort#sex, post
. eststo effort0: adddiff
. qui est restore m1
. qui margins 1.effort#sex, post
. eststo effort1: adddiff
. qui est restore m1
. qui margins 0.need#sex, post
. eststo need0: adddiff
. qui est restore m1
. qui margins 1.need#sex, post
. eststo need1: adddiff
. qui est restore m2
. qui margins 0.p_sex#sex, post
. eststo p_sex0: adddiff
. qui est restore m2
. qui margins 1.p_sex#sex, post
. eststo p_sex1: adddiff
. local models Total effort0 effort1 need0 need1 p_sex0 p_sex1
. coefplot (`models', keep(0)) (`models', keep(1)) || (`models', keep(d)) ///
>     || , bylabels(Bewertung Differenz) aseq swap norecycle ///
>     byopts(xrescale legend(off)) xline(0) ytick(1.5 4 6.5, glstyle(foreground)) ///
>     coefl(effort0 = "tief" effort1 = "hoch" need0 = "tief" need1 = "hoch" ///
>           p_sex0 = "weiblich" p_sex1 = "männlich") ///
>     heading(effort0 = "Leistung" need0 = "Bedürftigkeit" ///
>             p_sex0 = "Befragungsperson", gap(-.5) offset(0.5))
. addplot 1: , xlabel(-3(1)1) norescaling legend(order(2 "weiblich" 4 "männlich") on)
. addplot 2: , xlabel(-.5(0.5)1.5) norescaling legend(off)
```



2.1.2 Tabelle zur Abbildung

```
. matrix drop _all

. local est Total effort0 effort1 need0 need1 p_sex0 p_sex1

. foreach e of local est {
  2.     qui est restore `e'
  3.     forv g = 0/1 {
  4.         mat m`g' = nullmat(m`g'), _b[`g']
  5.         mat s`g' = nullmat(s`g'), _se[`g']
  6.     }
  7.     mat d = nullmat(d), _b[d]
  8.     mat s = nullmat(s), _se[d]
  9.     mat p = nullmat(p), ttail(e(df_r), abs(_b[d]/_se[d]))*2
 10. }

. eret post

. foreach m in m0 s0 m1 s1 d s p {
  2.     mat coln `m' = `est'
  3.     qui estadd matrix `m'
  4. }

. esttab . using log/tab1.tex, replace ///
>     noobs nonumb nomti collab(none) fragment booktabs varw(30) ///
>     cell((m0(fmt(2)) s0 m1 s1 d(star) s)) ///
>     star(+ 0.10 * 0.05 ** 0.01 *** 0.001) ///
>     coefl(effort0 "-- tief" effort1 "-- hoch" need0 "-- tief" need1 "-- hoch" ///
>         p_sex0 "-- weiblich" p_sex1  "-- männlich") ///
>     refcat(effort0  "Leistung" need0 "Bedürftigkeit" p_sex0 "Befragungsperson", nolabel)
(output written to log/tab1.tex)
```

	Frauen		Männer		Differenz	
	$\widehat{E}(Y)$	$\hat{\sigma}$	$\widehat{E}(Y)$	$\hat{\sigma}$	Δ	$\hat{\sigma}$
Total	−0.61	0.11	−1.49	0.11	0.88***	0.15
Leistung						
– tief	0.28	0.15	−0.70	0.15	0.99***	0.21
– hoch	−1.62	0.15	−2.38	0.16	0.76***	0.22
Bedürftigkeit						
– tief	0.10	0.16	−0.93	0.15	1.02***	0.22
– hoch	−1.31	0.14	−2.05	0.16	0.74***	0.22
Befragungsperson						
– weiblich	−0.76	0.16	−1.40	0.17	0.64**	0.24
– männlich	−0.54	0.14	−1.51	0.14	0.98***	0.20

$\widehat{E}(Y)$: Durchschnittliche Bewertung; Δ: Differenz zwischen Frauen und Männern; $\hat{\sigma}$: Standardfehler
Differenztests: $^{+}$ $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ (zweiseitig)

2.2 Unbereinigte Resultate (bivariat)

```
. // Effekt des Geschlechts in der Vignette: Total
. mean rating, over(sex)
Mean estimation                   Number of obs   =        529

     weiblich: sex = weiblich
     männlich: sex = männlich

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
    weiblich |  -.6752768   .1303596      -.931364   -.4191895
    männlich |  -1.434109    .123137     -1.676007    -1.19221
--------------------------------------------------------------

. lincom _b[weiblich] - _b[männlich]
 ( 1)  [rating]weiblich - [rating]männlich = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .7588318    .179322     4.23   0.000     .4065597    1.111104
------------------------------------------------------------------------------

. // Effekt der Leistung
. mean rating, over(effort)
Mean estimation                   Number of obs   =        529

         tief: effort = tief
         hoch: effort = hoch

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
        tief |  -.1928571   .1175567     -.4237934    .0380792
        hoch |  -2.004016    .114741     -2.229421   -1.778611
--------------------------------------------------------------

. lincom _b[tief] - _b[hoch]
 ( 1)  [rating]tief - [rating]hoch = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   1.811159   .1642714    11.03   0.000     1.488453    2.133865
------------------------------------------------------------------------------
```

```
. // Effekt des Geschlechts in der Vignette: nach Leistung
. mean rating, over(effort sex)

Mean estimation                   Number of obs   =        529

         Over: effort sex
    _subpop_1: tief weiblich
    _subpop_2: tief männlich
    _subpop_3: hoch weiblich
    _subpop_4: hoch männlich

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
   _subpop_1 |   .2624113   .1652867    -.0622889    .5871116
   _subpop_2 |  -.6546763   .1584226    -.9658922   -.3434603
   _subpop_3 |  -1.692308   .1630238    -2.012563   -1.372053
   _subpop_4 |  -2.344538   .1558054    -2.650612   -2.038463
--------------------------------------------------------------

. lincom _b[_subpop_1] - _b[_subpop_2]

 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .9170876   .2289485     4.01   0.000     .4673258    1.366849
------------------------------------------------------------------------------

. lincom _b[_subpop_3] - _b[_subpop_4]

 ( 1)  [rating]_subpop_3 - [rating]_subpop_4 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .6522301    .225504     2.89   0.004     .2092348    1.095225
------------------------------------------------------------------------------

. lincom (_b[_subpop_1] - _b[_subpop_2]) - (_b[_subpop_3] - _b[_subpop_4])

 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 - [rating]_subpop_3 + [rating]_subpop_4 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .2648575   .3213557     0.82   0.410    -.3664352    .8961502
------------------------------------------------------------------------------

. // Effekt der Bedürftigkeit
. mean rating, over(need)

Mean estimation                   Number of obs   =        529

         tief: need = tief
         hoch: need = hoch

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
        tief |    -.418251    .128172    -.6700407   -.1664612
        hoch |  -1.665414   .1183433    -1.897895   -1.432932
--------------------------------------------------------------

. lincom _b[tief] - _b[hoch]

 ( 1)  [rating]tief - [rating]hoch = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   1.247163   .1744511     7.15   0.000     .9044591    1.589866
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Bedürftigkeit
. mean rating, over(need sex)

Mean estimation                   Number of obs   =        529

         Over: need sex
```

```
    _subpop_1: tief weiblich
    _subpop_2: tief männlich
    _subpop_3: hoch weiblich
    _subpop_4: hoch männlich
```

Over	Mean	Std. Err.	[95% Conf.	Interval]
rating				
_subpop_1	.128	.1917579	-.2487021	.5047021
_subpop_2	-.9130435	.1611468	-1.229611	-.5964759
_subpop_3	-1.363014	.1572917	-1.672008	-1.054019
_subpop_4	-2.033333	.1743067	-2.375753	-1.690914

```
. lincom _b[_subpop_1] - _b[_subpop_2]
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	1.041043	.2504783	4.16	0.000	.5489871	1.5331

```
. lincom _b[_subpop_3] - _b[_subpop_4]
 ( 1)  [rating]_subpop_3 - [rating]_subpop_4 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.6703196	.234784	2.86	0.004	.2090943	1.131545

```
. lincom (_b[_subpop_1] - _b[_subpop_2]) - (_b[_subpop_3] - _b[_subpop_4])
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 - [rating]_subpop_3 + [rating]_subpop_4 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.3707238	.3433117	1.08	0.281	-.3037006	1.045148

```
. // Effekt des Geschlechts der befragten Person
. mean rating, over(p_sex)
Mean estimation                   Number of obs    =        525
     weiblich: p_sex = weiblich
     männlich: p_sex = männlich
```

Over	Mean	Std. Err.	[95% Conf.	Interval]
rating				
weiblich	-1.032258	.1440619	-1.315268	-.7492482
männlich	-1.061688	.1176962	-1.292903	-.8304739

```
. lincom _b[weiblich] - _b[männlich]
 ( 1)  [rating]weiblich - [rating]männlich = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.0294302	.1860275	0.16	0.874	-.3360212	.3948816

```
. // Effekt des Geschlechts in der Vignette: nach Geschlecht der befragten Person
. mean rating, over(p_sex sex)
Mean estimation                   Number of obs    =        525
         Over: p_sex sex
    _subpop_1: weiblich weiblich
    _subpop_2: weiblich männlich
    _subpop_3: männlich weiblich
    _subpop_4: männlich männlich
```

Over	Mean	Std. Err.	[95% Conf.	Interval]
rating				
_subpop_1	-.7747748	.2022335	-1.172063	-.3774867
_subpop_2	-1.301887	.2029299	-1.700543	-.9032306
_subpop_3	-.6369427	.171493	-.9738409	-.3000445
_subpop_4	-1.503311	.1532212	-1.804315	-1.202308

```
. lincom _b[_subpop_1] - _b[_subpop_2]
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.527112	.2864942	1.84	0.066	-.0357064	1.08993

```
. lincom _b[_subpop_3] - _b[_subpop_4]
 ( 1)  [rating]_subpop_3 - [rating]_subpop_4 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.8663686	.2299708	3.77	0.000	.4145905	1.318147

```
. lincom (_b[_subpop_1] - _b[_subpop_2]) - (_b[_subpop_3] - _b[_subpop_4])
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 - [rating]_subpop_3 + [rating]_subpop_4 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.3392566	.3673766	-0.92	0.356	-1.060968	.3824552

2.3 Bereinigte Resultate mit Gewichten

```
. // Modelle
. regress rating i.sex##i.effort##i.need [pw=wt], vsquish nofvlabel
(sum of wgt is 530.6954103454227)
Linear regression                               Number of obs     =        529
                                                F(7, 521)         =      33.40
                                                Prob > F          =     0.0000
                                                R-squared         =     0.3380
                                                Root MSE          =     1.7082
```

rating	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
1.sex	-1.222519	.3062864	-3.99	0.000	-1.824227	-.6208109
1.effort	-2.212333	.4139543	-5.34	0.000	-3.025557	-1.399108
sex#effort						
1 1	.2613267	.4881807	0.54	0.593	-.6977177	1.220371
1.need	-1.619865	.3389653	-4.78	0.000	-2.285771	-.9539578
sex#need						
1 1	.52791	.4503423	1.17	0.242	-.3568	1.41262
effort#need						
1 1	.4914713	.5092617	0.97	0.335	-.5089874	1.49193
sex#effort#need						
1 1 1	-.2420388	.6732524	-0.36	0.719	-1.564662	1.080584
_cons	1.151786	.2373792	4.85	0.000	.6854477	1.618124

```
. eststo m1
. regress rating i.sex##i.effort##i.need##i.p_sex [pw=wt], vsquish nofvlabel
(sum of wgt is 527.6113465927616)
Linear regression                               Number of obs     =        525
```

```
                                                F(15, 509)        =      18.40
                                                Prob > F          =     0.0000
                                                R-squared         =     0.3642
                                                Root MSE          =      1.679

------------------------------------------------------------------------------
             |               Robust
      rating |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       1.sex |  -.4377978   .4246995    -1.03   0.303    -1.272178     .396582
    1.effort |  -2.196755   .6753653    -3.25   0.001    -3.523601    -.869908
   sex#effort|
         1 1 |  -.0379465   .7749519    -0.05   0.961    -1.560445    1.484551
      1.need |  -1.513725   .4967477    -3.05   0.002    -2.489653   -.5377964
     sex#need|
         1 1 |  -.6097865   .7637382    -0.80   0.425    -2.110254    .8906807
  effort#need|
         1 1 |   .3433073    .813701     0.42   0.673    -1.255319    1.941933
sex#effort#need|
       1 1 1 |   1.170473   1.207891     0.97   0.333    -1.202593    3.543539
     1.p_sex |   .5086603   .4610509     1.10   0.270    -.3971366    1.414457
   sex#p_sex|
         1 1 |  -1.128521   .5818287    -1.94   0.053    -2.271602    .0145603
  effort#p_sex|
         1 1 |  -.0644405   .8274324    -0.08   0.938    -1.690044    1.561163
sex#effort#p_sex|
       1 1 1 |   .3168903   .9658557     0.33   0.743    -1.580664    2.214445
   need#p_sex|
         1 1 |  -.1622886   .6729048    -0.24   0.810    -1.484301    1.159724
 sex#need#p_sex|
       1 1 1 |   1.587839    .946992     1.68   0.094    -.2726554    3.448333
effort#need#p_sex|
       1 1 1 |   .2106032   1.019556     0.21   0.836    -1.792452    2.213658
sex#effort#need#p_sex|
     1 1 1 1 |  -1.881234   1.442686    -1.30   0.193    -4.715585    .9531176
       _cons |   .8536585   .3283883     2.60   0.010     .2084952    1.498822
------------------------------------------------------------------------------

. eststo m2

. // Effekt des Geschlechts in der Vignette: Total
. qui est restore m1

. margins sex, post

Predictive margins                              Number of obs     =        529
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         sex |
   weiblich  |  -.5559676   .1250135    -4.45   0.000    -.8015602   -.3103751
   männlich  |  -1.451755   .1104197   -13.15   0.000    -1.668677   -1.234832
------------------------------------------------------------------------------

. lincom _b[0bn.sex] - _b[1.sex]

 ( 1)  0bn.sex - 1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .8957869   .1667959     5.37   0.000     .5681117    1.223462
------------------------------------------------------------------------------

. // Effekt der Leistung: Total
. qui est restore m1

. margins effort, post

Predictive margins                              Number of obs     =        529
Model VCE    : Robust

Expression   : Linear prediction, predict()
```

```
------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
      effort |
        tief |   -.159423   .1121041    -1.42   0.156    -.3796546    .0608086
        hoch |  -2.050126   .1212356   -16.91   0.000    -2.288297   -1.811956
------------------------------------------------------------------------------

. lincom _b[0bn.effort] - _b[1.effort]

 ( 1)  0bn.effort - 1.effort = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   1.890703   .1651224    11.45   0.000     1.566316    2.215091
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Leistung
. qui est restore m1

. margins effort#sex, post

Predictive margins                              Number of obs     =        529
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    effort#sex |
tief#weiblich |   .3386371   .1694969     2.00   0.046     .0056558    .6716184
tief#männlich |  -.6188787   .1483368    -4.17   0.000    -.9102905   -.3274669
hoch#weiblich |  -1.626984   .1895868    -8.58   0.000    -1.999433   -1.254535
hoch#männlich |  -2.444673   .1630841   -14.99   0.000    -2.765056    -2.12429
------------------------------------------------------------------------------

. lincom _b[0bn.effort#0bn.sex] - _b[0bn.effort#1.sex]

 ( 1)  0bn.effort#0bn.sex - 0bn.effort#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .9575158   .2252399     4.25   0.000     .5150259    1.400006
------------------------------------------------------------------------------

. lincom _b[1.effort#0bn.sex] - _b[1.effort#1.sex]

 ( 1)  1.effort#0bn.sex - 1.effort#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .8176891   .2500792     3.27   0.001     .3264016    1.308976
------------------------------------------------------------------------------

. lincom (_b[1.effort#0bn.sex] - _b[1.effort#1.sex]) ///
>     - (_b[0bn.effort#0bn.sex] - _b[0bn.effort#1.sex])

 ( 1)  - 0bn.effort#0bn.sex + 0bn.effort#1.sex + 1.effort#0bn.sex - 1.effort#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1398268   .3365599    -0.42   0.678    -.8010081    .5213545
------------------------------------------------------------------------------

. // Effekt der Bedürftigkeit: Total
. qui est restore m1

. margins need, post

Predictive margins                              Number of obs     =        529
Model VCE    : Robust

Expression   : Linear prediction, predict()

             |
```

```
                 |            Delta-method
                 |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-----------------+------------------------------------------------------------------
            need |
            tief |  -.4265122   .1193432    -3.57   0.000    -.6609653   -.1920591
            hoch |   -1.60701   .1166507   -13.78   0.000    -1.836174   -1.377846
------------------------------------------------------------------------------------

. lincom _b[0bn.need] - _b[1.need]

 ( 1)  0bn.need - 1.need = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   1.180498   .1668838     7.07   0.000       .85265    1.508346
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Bedürftigkeit
. qui est restore m1

. margins need#sex, post

Predictive margins                              Number of obs     =        529
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------------
                 |            Delta-method
                 |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-----------------+------------------------------------------------------------------
        need#sex |
tief#weiblich    |   .1397945   .2016258     0.69   0.488     -.256305     .535894
tief#männlich    |  -.9631853   .1311521    -7.34   0.000    -1.220837   -.7055335
hoch#weiblich    |  -1.255255    .152957    -8.21   0.000    -1.555744   -.9547671
hoch#männlich    |  -1.941042   .1756713   -11.05   0.000    -2.286153   -1.595931
------------------------------------------------------------------------------------

. lincom _b[0bn.need#0bn.sex] - _b[0bn.need#1.sex]

 ( 1)  0bn.need#0bn.sex - 0bn.need#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |    1.10298   .2405282     4.59   0.000     .6304554    1.575504
------------------------------------------------------------------------------

. lincom _b[1.need#0bn.sex] - _b[1.need#1.sex]

 ( 1)  1.need#0bn.sex - 1.need#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .6857861   .2329297     2.94   0.003     .2281893    1.143383
------------------------------------------------------------------------------

. lincom (_b[1.need#0bn.sex] - _b[1.need#1.sex]) ///
>     - (_b[0bn.need#0bn.sex] - _b[0bn.need#1.sex])

 ( 1)  - 0bn.need#0bn.sex + 0bn.need#1.sex + 1.need#0bn.sex - 1.need#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.4171937   .3348284    -1.25   0.213    -1.074973     .240586
------------------------------------------------------------------------------

. // Effekt des Geschlechts der befragten Person: Total
. qui est restore m2

. margins p_sex, post

Predictive margins                              Number of obs     =        525
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
```

p_sex						
weiblich	-1.087065	.1446279	-7.52	0.000	-1.371206	-.8029242
männlich	-.9681656	.0971403	-9.97	0.000	-1.159011	-.7773204

```
. lincom _b[0bn.p_sex] - _b[1.p_sex]
 ( 1)  0bn.p_sex - 1.p_sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.1188997	.1742225	-0.68	0.495	-.4611833	.2233839

```
. // Effekt des Geschlechts in der Vignette: nach Geschlecht der befragten Person
. qui est restore m2
. margins p_sex#sex, post
Predictive margins                              Number of obs     =        525
Model VCE    : Robust
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_sex#sex						
weiblich#weiblich	-.8363448	.1962087	-4.26	0.000	-1.221823	-.4508663
weiblich#männlich	-1.318253	.2233703	-5.90	0.000	-1.757094	-.8794115
männlich#weiblich	-.3886053	.1541511	-2.52	0.012	-.691456	-.0857546
männlich#männlich	-1.503824	.1237096	-12.16	0.000	-1.746869	-1.26078

```
. lincom _b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex]
 ( 1)  0bn.p_sex#0bn.sex - 0bn.p_sex#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.481908	.2973082	1.62	0.106	-.1021942	1.06601

```
. lincom _b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]
 ( 1)  1.p_sex#0bn.sex - 1.p_sex#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	1.115219	.1976528	5.64	0.000	.7269031	1.503535

```
. lincom (_b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]) ///
>     - (_b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex])
 ( 1)  - 0bn.p_sex#0bn.sex + 0bn.p_sex#1.sex + 1.p_sex#0bn.sex - 1.p_sex#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.6333108	.3570137	1.77	0.077	-.068091	1.334713

3 Experiment 2

```
. clear all
. use "../Survey 2006/daten/income06"
. gen byte rating = q04        if inrange(q04,-5,5)
(6 missing values generated)
. gen byte sex    = q04sex==2  if q04sex<.
```

```
. gen byte job    = q04job     if q04job<.
. gen byte name   = q04name==1 if q04name<.
. gen byte p_sex  = q05==1     if inlist(q05,1,2)
(2 missing values generated)
. gen int  inc    = q04inc     if q04inc<.
. lab def sex 0 "weiblich" 1 "männlich"
. lab val sex p_sex sex
. label def job 1 "JournalistIn" 2 "KrankenpflegerIn" 3 "SchreinerIn"
. label val job job
. label def name 0 "schweizerisch" 1 "ausländisch"
. label val name name
. drop if rating>=.
(6 observations deleted)
```

3.1 Bereinigte Resultate (Regression Adjustment)

```
. // Modelle
. regress rating inc i.sex##i.job##i.name, vsquish nofvlabel
      Source |       SS           df       MS      Number of obs   =       365
-------------+----------------------------------   F(12, 352)      =      3.76
       Model |  119.398612        12  9.94988437   Prob > F        =    0.0000
    Residual |  930.995908       352  2.64487474   R-squared       =    0.1137
-------------+----------------------------------   Adj R-squared   =    0.0835
       Total |  1050.39452       364  2.88569923   Root MSE        =    1.6263

------------------------------------------------------------------------------
      rating |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         inc |   .0007904   .0002127     3.72   0.000      .000372    .0012088
       1.sex |     .19776   .4314174     0.46   0.647    -.6507199     1.04624
         job |
          2  |   .0213032   .4660955     0.05   0.964    -.8953791    .9379855
          3  |   .1786742   .4417417     0.40   0.686    -.6901108    1.047459
     sex#job |
       1 2   |  -.4625861   .5973272    -0.77   0.439    -1.637365    .7121929
       1 3   |   -.581239   .6102158    -0.95   0.341    -1.781366    .6188884
      1.name |  -.2123724   .4204493    -0.51   0.614    -1.039281    .6145362
    sex#name |
       1 1   |   -.237883   .5919454    -0.40   0.688    -1.402077    .9263115
    job#name |
       2 1   |  -.0993641   .5942694    -0.17   0.867    -1.268129    1.069401
       3 1   |   .6656425   .6048267     1.10   0.272     -.523886    1.855171
sex#job#name |
     1 2 1   |   .9264489   .8286351     1.12   0.264    -.7032495    2.556147
     1 3 1   |   .7784266   .8463412     0.92   0.358    -.8860948    2.442948
       _cons |  -4.900641   1.203742    -4.07   0.000    -7.268072   -2.533209
------------------------------------------------------------------------------

. eststo m1
. regress rating inc i.sex##i.job##i.name##i.p_sex, vsquish nofvlabel
      Source |       SS           df       MS      Number of obs   =       364
-------------+----------------------------------   F(24, 339)      =      2.42
       Model |  151.420824        24  6.30920101   Prob > F        =    0.0003
    Residual |  882.015989       339  2.60181708   R-squared       =    0.1465
-------------+----------------------------------   Adj R-squared   =    0.0861
       Total |  1033.43681       363  2.84693337   Root MSE        =     1.613

------------------------------------------------------------------------------
             rating |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-----------------+----------------------------------------------------------------
                inc |   .0008583   .0002155     3.98   0.000     .0004345    .0012821
              1.sex |   .9797611   .6353028     1.54   0.124    -.2698709    2.229393
                job |
                  2 |   .3967889   .6807228     0.58   0.560    -.9421837    1.735762
```

3	.5862473	.6974246	0.84	0.401	-.7855773	1.958072
sex#job						
1 2	-2.054159	.9659688	-2.13	0.034	-3.954207	-.1541114
1 3	-1.731984	.9379052	-1.85	0.066	-3.576831	.1128628
1.name	.2	.6906517	0.29	0.772	-1.158503	1.558503
sex#name						
1 1	-1.188095	.9034488	-1.32	0.189	-2.965166	.5889769
job#name						
2 1	-.1801277	.9560607	-0.19	0.851	-2.060686	1.700431
3 1	.0287491	.9992036	0.03	0.977	-1.936671	1.994169
sex#job#name						
1 2 1	2.62541	1.30766	2.01	0.045	.0532608	5.197559
1 3 1	2.684409	1.337947	2.01	0.046	.0526848	5.316133
1.p_sex	.7460647	.601165	1.24	0.215	-.4364187	1.928548
sex#p_sex						
1 1	-1.440248	.8666864	-1.66	0.097	-3.145008	.2645123
job#p_sex						
2 1	-.5067484	.8402883	-0.60	0.547	-2.159584	1.146087
3 1	-.6342756	.8801112	-0.72	0.472	-2.365442	1.096891
sex#job#p_sex						
1 2 1	2.482339	1.24343	2.00	0.047	.0365278	4.928149
1 3 1	2.335363	1.237733	1.89	0.060	-.0992408	4.769967
name#p_sex						
1 1	-.7033556	.8675942	-0.81	0.418	-2.409902	1.00319
sex#name#p_sex						
1 1 1	1.794762	1.200405	1.50	0.136	-.5664187	4.155942
job#name#p_sex						
2 1 1	.1517701	1.216888	0.12	0.901	-2.241832	2.545373
3 1 1	1.040164	1.249978	0.83	0.406	-1.418525	3.498853
sex#job#name#p_sex						
1 2 1 1	-2.829688	1.704789	-1.66	0.098	-6.182985	.5236085
1 3 1 1	-3.599319	1.729109	-2.08	0.038	-7.000454	-.1981841
_cons	-5.720801	1.273262	-4.49	0.000	-8.22529	-3.216312

```
. eststo m2

. // Effekt des Geschlechts in der Vignette: Total
. qui est restore m1

. margins sex, post

Predictive margins                              Number of obs     =        365
Model VCE    : OLS

Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
sex						
weiblich	-.8991447	.1228137	-7.32	0.000	-1.140686	-.6576037
männlich	-.8794277	.1184914	-7.42	0.000	-1.112468	-.6463875

```
. lincom _b[0bn.sex] - _b[1.sex]

 ( 1)  0bn.sex - 1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.019717	.1707164	-0.12	0.908	-.3554694	.3160354

```
. // Effekt des Berufs: Total
. qui est restore m1

. margins job, post

Predictive margins                              Number of obs     =        365
Model VCE    : OLS

Expression   : Linear prediction, predict()
```

	Delta-method

	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
job						
JournalistIn	-1.016667	.1813907	-5.60	0.000	-1.373412	-.6599208
KrankenpflegerIn	-1.029986	.1787168	-5.76	0.000	-1.381473	-.678499
SchreinerIn	-.5788873	.1512887	-3.83	0.000	-.8764308	-.2813438

```
. lincom _b[1bn.job] - _b[2.job]
 ( 1)  1bn.job - 2.job = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.0133193	.295143	0.05	0.964	-.567146	.5937847

```
. lincom _b[1bn.job] - _b[3.job]
 ( 1)  1bn.job - 3.job = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.4377793	.2343124	-1.87	0.063	-.8986077	.0230491

```
. lincom _b[2.job] - _b[3.job]
 ( 1)  2.job - 3.job = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.4510986	.2360368	-1.91	0.057	-.9153184	.0131211

```
. // Effekt des Geschlechts in der Vignette: nach Beruf
. qui est restore m1
. margins job#sex, post
Predictive margins                              Number of obs     =        365
Model VCE    : OLS
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
job#sex						
JournalistIn#weiblich	-1.053243	.2382596	-4.42	0.000	-1.521835	-.5846519
JournalistIn#männlich	-.978661	.2302421	-4.25	0.000	-1.431484	-.5258378
KrankenpflegerIn#weiblich	-1.083392	.2356103	-4.60	0.000	-1.546772	-.6200106
KrankenpflegerIn#männlich	-.9916725	.2248667	-4.41	0.000	-1.433924	-.5494214
SchreinerIn#weiblich	-.5298938	.2174731	-2.44	0.015	-.9576039	-.1021838
SchreinerIn#männlich	-.6334749	.2100891	-3.02	0.003	-1.046663	-.2202872

```
. lincom  _b[1bn.job#0bn.sex] - _b[1bn.job#1.sex]
 ( 1)  1bn.job#0bn.sex - 1bn.job#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.0745822	.2955194	-0.25	0.801	-.6557879	.5066234

```
. lincom _b[2.job#0bn.sex] - _b[2.job#1.sex]
 ( 1)  2.job#0bn.sex - 2.job#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.091719	.2895307	-0.32	0.752	-.6611466	.4777086

```
. lincom _b[3.job#0bn.sex] - _b[3.job#1.sex]
```

```
 ( 1)  3.job#0bn.sex - 3.job#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .1035811   .3023638     0.34   0.732    -.4910857    .6982478
------------------------------------------------------------------------------

. lincom (_b[1bn.job#0bn.sex] - _b[1bn.job#1.sex]) - (_b[2.job#0bn.sex] - _b[2.job#1.sex])
 ( 1)  1bn.job#0bn.sex - 1bn.job#1.sex - 2.job#0bn.sex + 2.job#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .0171368   .4137421     0.04   0.967    -.7965807    .8308542
------------------------------------------------------------------------------

. lincom (_b[1bn.job#0bn.sex] - _b[1bn.job#1.sex]) - (_b[3.job#0bn.sex] - _b[3.job#1.sex])
 ( 1)  1bn.job#0bn.sex - 1bn.job#1.sex - 3.job#0bn.sex + 3.job#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1781633   .4225718    -0.42   0.674    -1.009246    .6529197
------------------------------------------------------------------------------

. lincom (_b[2.job#0bn.sex] - _b[2.job#1.sex]) - (_b[3.job#0bn.sex] - _b[3.job#1.sex])
 ( 1)  2.job#0bn.sex - 2.job#1.sex - 3.job#0bn.sex + 3.job#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1953001   .4186474    -0.47   0.641    -1.018665    .6280647
------------------------------------------------------------------------------

. // Effekt des Namens: Total
. qui est restore m1

. margins name, post

Predictive margins                              Number of obs     =        365
Model VCE    : OLS

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
        name |
schweizerisch |   -.957136   .1228831    -7.79   0.000    -1.198813   -.7154587
  ausländisch |  -.8176917   .1185452    -6.90   0.000    -1.050838   -.5845457
------------------------------------------------------------------------------

. lincom _b[0bn.name] - _b[1.name]

 ( 1)  0bn.name - 1.name = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1394443   .1708722    -0.82   0.415    -.4755032    .1966146
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Name
. qui est restore m1

. margins name#sex, post

Predictive margins                              Number of obs     =        365
Model VCE    : OLS

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
        name#sex |
schweizerisch#weiblich |  -.8790786   .1734223    -5.07   0.000    -1.220153   -.5380044
schweizerisch#männlich |  -1.026996     .17389    -5.91   0.000     -1.36899   -.6850017
```

ausländisch#weiblich	-.9144775	.173676	-5.27	0.000	-1.256051	-.5729044
ausländisch#männlich	-.7305338	.161999	-4.51	0.000	-1.049141	-.4119262

```
. lincom _b[0bn.name#0bn.sex] - _b[0bn.name#1.sex]
 ( 1)  0bn.name#0bn.sex - 0bn.name#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.1479172	.2455368	0.60	0.547	-.3349864	.6308208

```
. lincom _b[1.name#0bn.sex] - _b[1.name#1.sex]
 ( 1)  1.name#0bn.sex - 1.name#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.1839437	.2374551	-0.77	0.439	-.6509528	.2830654

```
. lincom (_b[1.name#0bn.sex] - _b[1.name#1.sex]) ///
>     - (_b[0bn.name#0bn.sex] - _b[0bn.name#1.sex])
 ( 1)  - 0bn.name#0bn.sex + 0bn.name#1.sex + 1.name#0bn.sex - 1.name#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.3318609	.34146	-0.97	0.332	-1.003419	.3396974

```
. // Effekt des Geschlechts der befragten Person: Total
. qui est restore m2
. margins p_sex, post
Predictive margins                              Number of obs     =        364
Model VCE    : OLS
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_sex						
weiblich	-1.026021	.135385	-7.58	0.000	-1.292321	-.7597203
männlich	-.8135802	.1108804	-7.34	0.000	-1.03168	-.59548

```
. lincom _b[0bn.p_sex] - _b[1.p_sex]
 ( 1)  0bn.p_sex - 1.p_sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.2124406	.1750038	-1.21	0.226	-.5566708	.1317895

```
. // Effekt des Geschlechts in der Vignette: nach Geschlecht der befragten Person
. qui est restore m2
. margins p_sex#sex, post
Predictive margins                              Number of obs     =        364
Model VCE    : OLS
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_sex#sex						
weiblich#weiblich	-1.024452	.1998924	-5.13	0.000	-1.417637	-.6312661
weiblich#männlich	-1.021544	.18539	-5.51	0.000	-1.386203	-.6568839
männlich#weiblich	-.8250853	.1541049	-5.35	0.000	-1.128208	-.521963
männlich#männlich	-.8153261	.1587772	-5.14	0.000	-1.127639	-.5030135

```
. lincom _b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex]
 ( 1)  0bn.p_sex#0bn.sex - 0bn.p_sex#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.002908	.2726234	-0.01	0.991	-.5391546	.5333386

```
. lincom _b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]
 ( 1)  1.p_sex#0bn.sex - 1.p_sex#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.0097592	.2213278	-0.04	0.965	-.4451081	.4255897

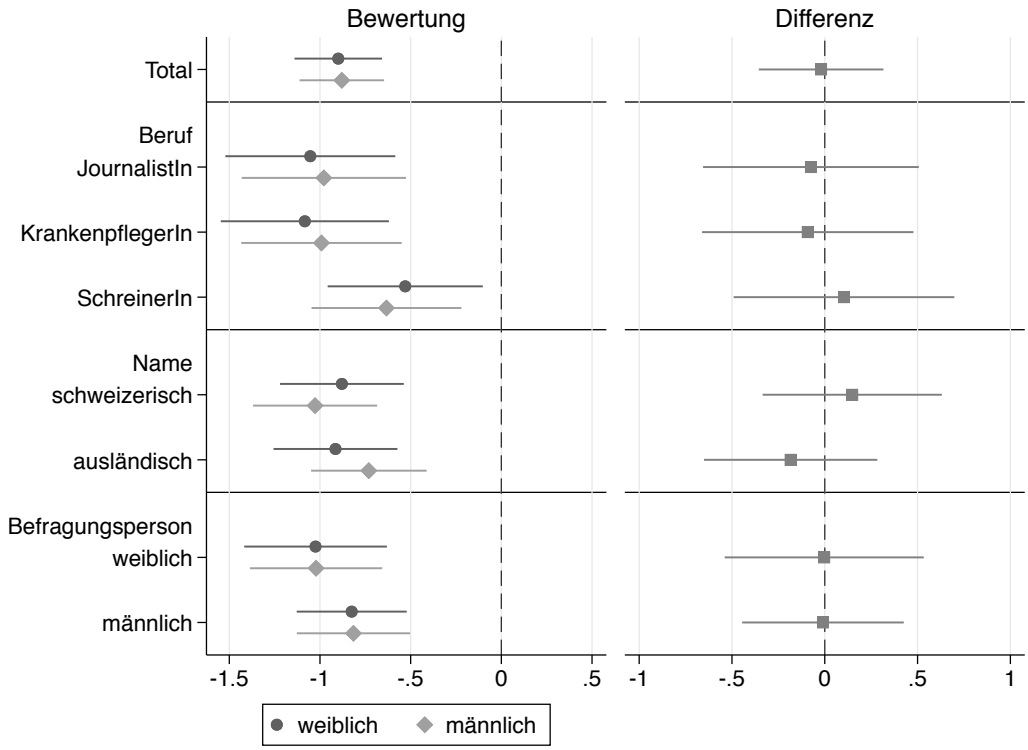
```
. lincom (_b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]) ///
>     - (_b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex])
 ( 1)  - 0bn.p_sex#0bn.sex + 0bn.p_sex#1.sex + 1.p_sex#0bn.sex - 1.p_sex#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.0068512	.3511443	-0.02	0.984	-.6975473	.683845

3.1.1 Abbildung

```
. capt prog drop adddiff
. program adddiff
  1.     tempname b V
  2.     mat `b' = e(b)
  3.     mat coln `b' = "0" "1"
  4.     erepost b=`b', rename
  5.     mat `b' = e(b)
  6.     mat `V' = e(V)
  7.     qui lincom _b[0]-_b[1]
  8.     mat `b' = `b', r(estimate)
  9.     mat coln `b' = "0" "1" "d"
 10.     mat `V' = (`V', J(colsof(`V'), 1, 0)) \ (J(1, rowsof(`V'), 0), r(se)^2)
 11.     erepost b=`b' V=`V', rename
 12. end
. qui est restore m1
. qui margins sex, post
. eststo Total: adddiff
. qui est restore m1
. qui margins 1.job#sex, post
. eststo job1: adddiff
. qui est restore m1
. qui margins 2.job#sex, post
. eststo job2: adddiff
. qui est restore m1
. qui margins 3.job#sex, post
. eststo job3: adddiff
. qui est restore m1
. qui margins 0.name#sex, post
. eststo name0: adddiff
. qui est restore m1
. qui margins 1.name#sex, post
```

```
. eststo name1: adddiff
. qui est restore m2
. qui margins 0.p_sex#sex, post
. eststo p_sex0: adddiff
. qui est restore m2
. qui margins 1.p_sex#sex, post
. eststo p_sex1: adddiff
. local models Total job1 job2 job3 name0 name1 p_sex0 p_sex1
. coefplot (`models', keep(0)) (`models', keep(1)) || (`models', keep(d)) ///
>     || , bylabels(Bewertung Differenz) aseq swap norecycle ///
>     byopts(xrescale legend(off)) xline(0) ytick(1.5 5 7.5, glstyle(foreground)) ///
>     coefl(job1 = "JournalistIn" job2 = "KrankenpflegerIn" job3 = "SchreinerIn" ///
>           name0 = "schweizerisch" name1 = "ausländisch" ///
>           p_sex0 = "weiblich" p_sex1 = "männlich") ///
>     heading(job1 = "Beruf" name0 = "Name" p_sex0 = "Befragungsperson", ///
>         gap(-.5) offset(0.5))
. addplot 1: , xlabel(-1.5(.5).5) norescaling legend(order(2 "weiblich" 4 "männlich") on)
. addplot 2: , xlabel(-1(0.5)1) norescaling legend(off)
```



3.1.2 Tabelle zur Abbildung

```
. matrix drop _all
. local est Total job1 job2 job3 name0 name1 p_sex0 p_sex1
. foreach e of local est {
  2.     qui est restore `e'
  3.     forv g = 0/1 {
  4.         mat m`g' = nullmat(m`g'), _b[`g']
  5.         mat s`g' = nullmat(s`g'), _se[`g']
  6.     }
```

```
  7.     mat d = nullmat(d), _b[d]
  8.     mat s = nullmat(s), _se[d]
  9.     mat p = nullmat(p), ttail(e(df_r), abs(_b[d]/_se[d]))*2
 10. }
. eret post
. foreach m in m0 s0 m1 s1 d s p {
  2.     mat coln `m' = `est'
  3.     qui estadd matrix `m'
  4. }
. esttab . using log/tab2.tex, replace ///
>     noobs nonumb nomti collab(none) fragment booktabs varw(30) ///
>     cell((m0(fmt(2)) s0 m1 s1 d(star) s)) ///
>     star(+ 0.10 * 0.05 ** 0.01 *** 0.001) ///
>     coefl(job1 "-- JournalistIn" job2 "-- KrankenpflegerIn" ///
>         job3 "-- SchreinerIn" name0 "-- schweizerisch"  ///
>         name1 "-- ausländisch" p_sex0 "-- weiblich" p_sex1  "-- männlich") ///
>     refcat(job1 "Beruf" name0 "Name" p_sex0 "Befragungsperson", nolabel)
(output written to log/tab2.tex)
```

	Frauen		Männer		Differenz	
	$\widehat{E}(Y)$	$\hat{\sigma}$	$\widehat{E}(Y)$	$\hat{\sigma}$	Δ	$\hat{\sigma}$
Total	−0.90	0.12	−0.88	0.12	−0.02	0.17
Beruf						
– JournalistIn	−1.05	0.24	−0.98	0.23	−0.07	0.30
– KrankenpflegerIn	−1.08	0.24	−0.99	0.22	−0.09	0.29
– SchreinerIn	−0.53	0.22	−0.63	0.21	0.10	0.30
Name						
– schweizerisch	−0.88	0.17	−1.03	0.17	0.15	0.25
– ausländisch	−0.91	0.17	−0.73	0.16	−0.18	0.24
Befragungsperson						
– weiblich	−1.02	0.20	−1.02	0.19	−0.00	0.27
– männlich	−0.83	0.15	−0.82	0.16	−0.01	0.22

$\widehat{E}(Y)$: Durchschnittliche Bewertung; Δ: Differenz zwischen Frauen und Männern; $\hat{\sigma}$: Standardfehler
Differenztests: $^{+}$ $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ (zweiseitig)

3.2 Unbereinigte Resultate (bivariat)

```
. // Effekt des Geschlechts in der Vignette: Total
. mean rating, over(sex)
Mean estimation                   Number of obs    =        365
     weiblich: sex = weiblich
     männlich: sex = männlich
```

Over	Mean	Std. Err.	[95% Conf.	Interval]
rating				
weiblich	-.875	.1202338	-1.11144	-.6385599
männlich	-.8994709	.1304969	-1.156093	-.6428484

```
. lincom _b[weiblich] - _b[männlich]
 ( 1)  [rating]weiblich - [rating]männlich = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.0244709	.1774418	0.14	0.890	-.3244689	.3734107

```
. //Effekt des Berufs
. mean rating, over(job)

Mean estimation                   Number of obs   =        365

 JournalistIn: job = JournalistIn
 Krankenpfl~n: job = KrankenpflegerIn
  SchreinerIn: job = SchreinerIn

--------------------------------------------------------------
            Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
    JournalistIn |  -.6311475   .1496058     -.9253478   -.3369473
KrankenpflegerIn |  -1.417323   .1305871     -1.674123   -1.160523
     SchreinerIn |  -.5775862   .1714874     -.9148166   -.2403558
--------------------------------------------------------------

. lincom _b[JournalistIn] - _b[KrankenpflegerIn]
 ( 1)  [rating]JournalistIn - [rating]KrankenpflegerIn = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .7861753   .1985822     3.96   0.000     .3956629    1.176688
------------------------------------------------------------------------------

. lincom _b[JournalistIn] - _b[SchreinerIn]
 ( 1)  [rating]JournalistIn - [rating]SchreinerIn = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.0535613   .2275738    -0.24   0.814    -.5010858    .3939631
------------------------------------------------------------------------------

. lincom _b[KrankenpflegerIn] - _b[SchreinerIn]
 ( 1)  [rating]KrankenpflegerIn - [rating]SchreinerIn = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.8397366   .2155479    -3.90   0.000    -1.263612   -.4158611
------------------------------------------------------------------------------

. //Effekt des Geschlechts in der Vignette: nach Beruf
. mean rating, over(job sex)

Mean estimation                   Number of obs   =        365

         Over: job sex
    _subpop_1: JournalistIn weiblich
    _subpop_2: JournalistIn männlich
    _subpop_3: KrankenpflegerIn weiblich
    _subpop_4: KrankenpflegerIn männlich
    _subpop_5: SchreinerIn weiblich
    _subpop_6: SchreinerIn männlich

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
   _subpop_1 |  -.6333333   .2085282     -1.043404   -.2232622
   _subpop_2 |  -.6290323    .216009     -1.053815     -.20425
   _subpop_3 |  -1.466667   .1952351     -1.850597   -1.082736
   _subpop_4 |  -1.373134   .1764464     -1.720117   -1.026152
   _subpop_5 |        -.5   .2006483     -.8945754   -.1054246
   _subpop_6 |       -.65   .2749679     -1.190725   -.1092749
--------------------------------------------------------------

. lincom _b[_subpop_1] - _b[_subpop_2]
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.0043011   .3002397    -0.01   0.989    -.5947233    .5861211
```

```
. lincom _b[_subpop_3] - _b[_subpop_4]
 ( 1)  [rating]_subpop_3 - [rating]_subpop_4 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.0935323   .2631541    -0.36   0.722    -.6110256     .423961
------------------------------------------------------------------------------

. lincom _b[_subpop_5] - _b[_subpop_6]
 ( 1)  [rating]_subpop_5 - [rating]_subpop_6 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |        .15   .3403925     0.44   0.660    -.5193828    .8193828
------------------------------------------------------------------------------

. lincom (_b[_subpop_1] - _b[_subpop_2]) - (_b[_subpop_3] - _b[_subpop_4])
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 - [rating]_subpop_3 + [rating]_subpop_4 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .0892313   .3992418     0.22   0.823    -.6958787    .8743412
------------------------------------------------------------------------------

. lincom (_b[_subpop_1] - _b[_subpop_2]) - (_b[_subpop_5] - _b[_subpop_6])
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 - [rating]_subpop_5 + [rating]_subpop_6 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1543011   .4538843    -0.34   0.734    -1.046866    .7382636
------------------------------------------------------------------------------

. lincom (_b[_subpop_3] - _b[_subpop_4]) - (_b[_subpop_5] - _b[_subpop_6])
 ( 1)  [rating]_subpop_3 - [rating]_subpop_4 - [rating]_subpop_5 + [rating]_subpop_6 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.2435323   .4302525    -0.57   0.572    -1.089625    .6025603
------------------------------------------------------------------------------

. // Effekt des Namens
. mean rating, over(name)

Mean estimation                   Number of obs   =        365

 schweizeri~h: name = schweizerisch
  ausländisch: name = ausländisch

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
schweizerisch |  -.9829545   .1282941    -1.235245   -.7306638
  ausländisch |  -.7989418   .1233195     -1.04145   -.5564337
--------------------------------------------------------------

. lincom _b[schweizerisch] - _b[ausländisch]
 ( 1)  [rating]schweizerisch - [rating]ausländisch = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1840127   .1779524    -1.03   0.302    -.5339567    .1659312
------------------------------------------------------------------------------

. //Effekt des Geschlechts in der Vignette: nach Name
. mean rating, over(name sex)

Mean estimation                   Number of obs   =        365

         Over: name sex
    _subpop_1: schweizerisch weiblich
```

```
    _subpop_2: schweizerisch männlich
    _subpop_3: ausländisch weiblich
    _subpop_4: ausländisch männlich

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
   _subpop_1 |  -.8863636   .1651697      -1.21117   -.5615569
   _subpop_2 |  -1.079545   .1967749     -1.466504    -.692587
   _subpop_3 |  -.8636364   .1757071     -1.209165   -.5181079
   _subpop_4 |  -.7425743   .1732928     -1.083355   -.4017936
--------------------------------------------------------------

. lincom _b[_subpop_1] - _b[_subpop_2]
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .1931818   .2569074     0.75   0.453    -.3120272    .6983909
------------------------------------------------------------------------------

. lincom _b[_subpop_3] - _b[_subpop_4]
 ( 1)  [rating]_subpop_3 - [rating]_subpop_4 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1210621   .2467861    -0.49   0.624    -.6063676    .3642434
------------------------------------------------------------------------------

. lincom (_b[_subpop_1] - _b[_subpop_2]) - (_b[_subpop_3] - _b[_subpop_4])
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 - [rating]_subpop_3 + [rating]_subpop_4 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .3142439    .356237     0.88   0.378     -.386297    1.014785
------------------------------------------------------------------------------

. // Effekt des Geschlechts der befragten Person
. mean rating, over(p_sex)
Mean estimation                   Number of obs   =        364

     weiblich: p_sex = weiblich
     männlich: p_sex = männlich

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
    weiblich |  -.9864865   .1537024     -1.288745   -.6842276
    männlich |  -.8009259   .1054542     -1.008304   -.5935481
--------------------------------------------------------------

. lincom _b[weiblich] - _b[männlich]
 ( 1)  [rating]weiblich - [rating]männlich = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1855606   .1864001    -1.00   0.320    -.5521203    .1809991
------------------------------------------------------------------------------

. //Effekt des Geschlechts in der Vignette: nach Geschlecht der befragten Person
. mean rating, over(p_sex sex)
Mean estimation                   Number of obs   =        364

         Over: p_sex sex
    _subpop_1: weiblich weiblich
    _subpop_2: weiblich männlich
    _subpop_3: männlich weiblich
    _subpop_4: männlich männlich

--------------+-----------------------------------------------
```

```
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+----------------------------------------------------
rating       |
   _subpop_1 |  -1.045455   .2109274     -1.460248   -.6306615
   _subpop_2 |  -.9390244   .2204179     -1.372481   -.5055681
   _subpop_3 |  -.7727273   .1447779     -1.057436   -.4880185
   _subpop_4 |  -.8301887   .1542869     -1.133597   -.5267804
```

```
. lincom _b[_subpop_1] - _b[_subpop_2]
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.1064302	.305081	-0.35	0.727	-.7063781	.4935178

```
. lincom _b[_subpop_3] - _b[_subpop_4]
 ( 1)  [rating]_subpop_3 - [rating]_subpop_4 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.0574614	.2115776	0.27	0.786	-.3586103	.4735332

```
. lincom (_b[_subpop_1] - _b[_subpop_2]) - (_b[_subpop_3] - _b[_subpop_4])
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 - [rating]_subpop_3 + [rating]_subpop_4 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.1638916	.3712674	-0.44	0.659	-.8939965	.5662134

(Die Ergebnisse für den Effekt des Berufs sind nicht direkt interpretierbar, da die in den Vignetten angegebenen Einkommensniveaus unterschiedliche waren je nach Beruf.)

3.3 Bereinigte Resultate in CHF

```
. // CHF pro Skalenpunkt
. qui est restore m1
. di 1 / _b[inc]
1265.1976
. // Effekt des Geschlechts in der Vignette: Total
. qui est restore m1
. margins sex, post expression(xb()/-_b[inc] + inc)
Predictive margins                              Number of obs     =        365
Model VCE    : OLS
Expression   : xb()/-_b[inc] + inc
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
sex						
weiblich	6144.445	339.5662	18.09	0.000	5478.907	6809.983
männlich	6119.499	338.3784	18.08	0.000	5456.29	6782.709

```
. lincom _b[1.sex] - _b[0bn.sex]
 ( 1)  - 0bn.sex + 1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-24.9459	215.8413	-0.12	0.908	-447.9871	398.0953

```
. // Effekt des Berufs: Total
. qui est restore m1

. margins job, post expression(xb()/-_b[inc] + inc)

Predictive margins                              Number of obs     =        365
Model VCE    : OLS

Expression   : xb()/-_b[inc] + inc
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
job						
JournalistIn	6293.133	282.7248	22.26	0.000	5739.003	6847.264
KrankenpflegerIn	6309.985	517.3411	12.20	0.000	5296.015	7323.955
SchreinerIn	5739.256	270.9323	21.18	0.000	5208.239	6270.274

```
. lincom _b[2.job] - _b[1bn.job]

 ( 1)  - 1bn.job + 2.job = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	16.8516	376.6707	0.04	0.964	-721.4094	755.1126

```
. lincom _b[3.job] - _b[1bn.job]

 ( 1)  - 1bn.job + 3.job = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-553.8773	267.9919	-2.07	0.039	-1079.132	-28.62275

```
. lincom _b[3.job] - _b[2.job]

 ( 1)  - 2.job + 3.job = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-570.7289	394.1544	-1.45	0.148	-1343.257	201.7996

```
. // Effekt des Geschlechts in der Vignette: nach Beruf
. qui est restore m1

. margins job#sex, post expression(xb()/-_b[inc] + inc)

Predictive margins                              Number of obs     =        365
Model VCE    : OLS

Expression   : xb()/-_b[inc] + inc
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
job#sex						
JournalistIn#weiblich	6339.41	342.8092	18.49	0.000	5667.516	7011.304
JournalistIn#männlich	6245.049	334.2304	18.68	0.000	5589.969	6900.128
KrankenpflegerIn#weiblich	6377.554	569.0979	11.21	0.000	5262.142	7492.965
KrankenpflegerIn#männlich	6261.511	533.6012	11.73	0.000	5215.672	7307.35
SchreinerIn#weiblich	5677.27	323.4153	17.55	0.000	5043.387	6311.152
SchreinerIn#männlich	5808.32	341.9271	16.99	0.000	5138.155	6478.485

```
. lincom _b[1bn.job#1.sex] - _b[1bn.job#0bn.sex]

 ( 1)  - 1bn.job#0bn.sex + 1bn.job#1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-94.36126	373.6772	-0.25	0.801	-826.755	638.0325

```
. lincom _b[2.job#1.sex] - _b[2.job#0bn.sex]
 ( 1)  - 2.job#0bn.sex + 2.job#1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-116.0426	367.7407	-0.32	0.752	-836.8013	604.716

```
. lincom _b[3.job#1.sex] - _b[3.job#0bn.sex]
 ( 1)  - 3.job#0bn.sex + 3.job#1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	131.0505	385.0471	0.34	0.734	-623.6279	885.7289

```
. lincom (_b[2.job#1.sex] - _b[2.job#0bn.sex]) - (_b[1bn.job#1.sex] - _b[1bn.job#0bn.sex])
 ( 1)  1bn.job#0bn.sex - 1bn.job#1.sex - 2.job#0bn.sex + 2.job#1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-21.68139	523.6874	-0.04	0.967	-1048.09	1004.727

```
. lincom (_b[3.job#1.sex] - _b[3.job#0bn.sex]) - (_b[1bn.job#1.sex] - _b[1bn.job#0bn.sex])
 ( 1)  1bn.job#0bn.sex - 1bn.job#1.sex - 3.job#0bn.sex + 3.job#1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	225.4118	537.3572	0.42	0.675	-827.7889	1278.612

```
. lincom (_b[3.job#1.sex] - _b[3.job#0bn.sex]) - (_b[2.job#1.sex] - _b[2.job#0bn.sex])
 ( 1)  2.job#0bn.sex - 2.job#1.sex - 3.job#0bn.sex + 3.job#1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	247.0932	535.1606	0.46	0.644	-801.8024	1295.989

```
. // Effekt des Namens: Total
. qui est restore m1
. margins name, post expression(xb()/-_b[inc] + inc)
Predictive margins                              Number of obs     =        365
Model VCE    : OLS
Expression   : xb()/-_b[inc] + inc
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
name						
schweizerisch	6217.815	366.5683	16.96	0.000	5499.355	6936.276
ausländisch	6041.391	311.1243	19.42	0.000	5431.598	6651.183

```
. lincom _b[1.name]- _b[0bn.name]
 ( 1)  - 0bn.name + 1.name = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-176.4246	223.8765	-0.79	0.431	-615.2145	262.3653

```
. // Effekt des Geschlechts in der Vignette: nach Name
. qui est restore m1
. margins name#sex, post expression(xb()/-_b[inc] + inc)
Predictive margins                              Number of obs     =        365
```

```
Model VCE    : OLS
Expression   : xb()/-_b[inc] + inc
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
name#sex						
schweizerisch#weiblich	6119.057	372.7876	16.41	0.000	5388.407	6849.708
schweizerisch#männlich	6306.202	421.3953	14.97	0.000	5480.282	7132.121
ausländisch#weiblich	6163.844	373.0033	16.52	0.000	5432.771	6894.917
ausländisch#männlich	5931.119	320.9458	18.48	0.000	5302.077	6560.161

```
. lincom _b[0bn.name#1.sex]- _b[0bn.name#0bn.sex]
 ( 1)  - 0bn.name#0bn.sex + 0bn.name#1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	187.1444	315.9531	0.59	0.554	-432.1122	806.4011

```
. lincom _b[1.name#1.sex] - _b[1.name#0bn.sex]
 ( 1)  - 1.name#0bn.sex + 1.name#1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-232.7251	305.2405	-0.76	0.446	-830.9856	365.5353

```
. lincom (_b[1.name#1.sex] - _b[1.name#0bn.sex]) ///
>     - (_b[0bn.name#1.sex]- _b[0bn.name#0bn.sex])
 ( 1)  0bn.name#0bn.sex - 0bn.name#1.sex - 1.name#0bn.sex + 1.name#1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-419.8696	446.4831	-0.94	0.347	-1294.96	455.2213

```
. // Effekt des Geschlechts der befragten Person: Total
. qui est restore m2
. di 1 / _b[inc]
1165.0566
. margins p_sex, post expression(xb()/-_b[inc] + inc)
Predictive margins                              Number of obs     =        364
Model VCE    : OLS
Expression   : xb()/-_b[inc] + inc
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
p_sex						
weiblich	6200.867	340.1608	18.23	0.000	5534.164	6867.57
männlich	5953.361	269.4823	22.09	0.000	5425.186	6481.537

```
. lincom _b[0bn.p_sex] - _b[1.p_sex]
 ( 1)  0bn.p_sex - 1.p_sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	247.5053	213.945	1.16	0.247	-171.8192	666.8299

```
. // Effekt des Geschlechts in der Vignette: nach Geschlecht der befragten Person
. qui est restore m2
. margins p_sex#sex, post expression(xb()/-_b[inc] + inc)
Predictive margins                              Number of obs     =        364
```

```
Model VCE    : OLS
Expression   : xb()/-_b[inc] + inc
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
p_sex#sex						
weiblich#weiblich	6199.039	380.4002	16.30	0.000	5453.468	6944.609
weiblich#männlich	6195.651	370.0241	16.74	0.000	5470.417	6920.885
männlich#weiblich	5966.766	295.3879	20.20	0.000	5387.816	6545.715
männlich#männlich	5955.396	304.0019	19.59	0.000	5359.563	6551.228

```
. lincom _b[0bn.p_sex#1.sex] - _b[0bn.p_sex#0bn.sex]
 ( 1)  - 0bn.p_sex#0bn.sex + 0bn.p_sex#1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-3.388009	317.6215	-0.01	0.991	-625.9147	619.1386

```
. lincom _b[1.p_sex#1.sex] - _b[1.p_sex#0bn.sex]
 ( 1)  - 1.p_sex#0bn.sex + 1.p_sex#1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-11.37003	257.7706	-0.04	0.965	-516.591	493.851

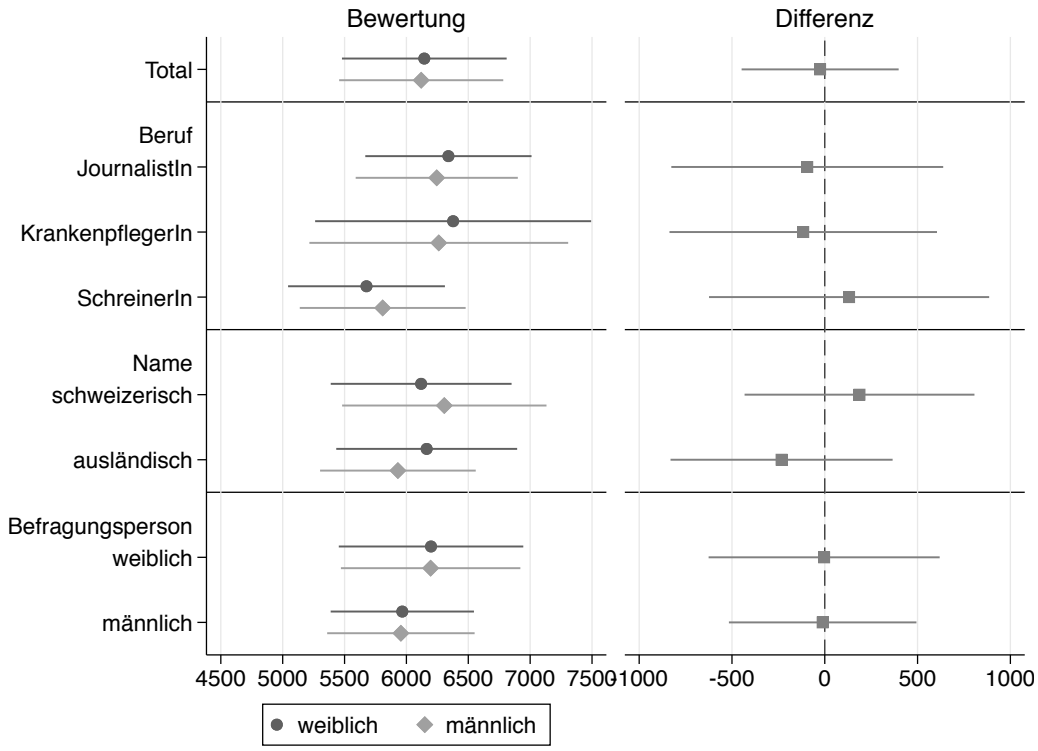
```
. lincom (_b[1.p_sex#1.sex] - _b[1.p_sex#0bn.sex]) ///
>     - (_b[0bn.p_sex#1.sex] - _b[0bn.p_sex#0bn.sex])
 ( 1)  0bn.p_sex#0bn.sex - 0bn.p_sex#1.sex - 1.p_sex#0bn.sex + 1.p_sex#1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	-7.982018	409.0641	-0.02	0.984	-809.733	793.769

3.3.1 Abbildung

```
. capt prog drop adddiff
. program adddiff
  1.     tempname b V
  2.     mat `b' = e(b)
  3.     mat coln `b' = "0" "1"
  4.     erepost b=`b', rename
  5.     mat `b' = e(b)
  6.     mat `V' = e(V)
  7.     qui lincom _b[1] - _b[0]
  8.     mat `b' = `b', r(estimate)
  9.     mat coln `b' = "0" "1" "d"
 10.     mat `V' = (`V', J(colsof(`V'), 1, 0)) \ (J(1, rowsof(`V'), 0), r(se)^2)
 11.     erepost b=`b' V=`V', rename
 12. end
. qui est restore m1
. qui margins sex, post expression(xb()/-_b[inc] + inc)
. eststo Total: adddiff
. qui est restore m1
. qui margins 1.job#sex, post expression(xb()/-_b[inc] + inc)
. eststo job1: adddiff
. qui est restore m1
. qui margins 2.job#sex, post expression(xb()/-_b[inc] + inc)
```

```
. eststo job2: adddiff
. qui est restore m1
. qui margins 3.job#sex, post expression(xb()/-_b[inc] + inc)
. eststo job3: adddiff
. qui est restore m1
. qui margins 0.name#sex, post expression(xb()/-_b[inc] + inc)
. eststo name0: adddiff
. qui est restore m1
. qui margins 1.name#sex, post expression(xb()/-_b[inc] + inc)
. eststo name1: adddiff
. qui est restore m2
. qui margins 0.p_sex#sex, post expression(xb()/-_b[inc] + inc)
. eststo p_sex0: adddiff
. qui est restore m2
. qui margins 1.p_sex#sex, post expression(xb()/-_b[inc] + inc)
. eststo p_sex1: adddiff
. local models Total job1 job2 job3 name0 name1 p_sex0 p_sex1
. coefplot (`models', keep(0)) (`models', keep(1)) || (`models', keep(d)) ///
>     || , bylabels(Bewertung Differenz) aseq swap norecycle ///
>     byopts(xrescale legend(off)) ytick(1.5 5 7.5, glstyle(foreground)) ///
>     coefl(job1 = "JournalistIn" job2 = "KrankenpflegerIn" job3 = "SchreinerIn" ///
>           name0 = "schweizerisch" name1 = "ausländisch" ///
>           p_sex0 = "weiblich" p_sex1 = "männlich") ///
>     heading(job1 = "Beruf" name0 = "Name" p_sex0 = "Befragungsperson", ///
>         gap(-.5) offset(0.5))
. addplot 1: , xlabel(4500(500)7500) norescaling legend(order(2 "weiblich" 4 "männlich") on)
. addplot 2: , xlabel(-1000(500)1000) norescaling xline(0) legend(off)
```



3.3.2 Tabelle zur Abbildung

```
. matrix drop _all
. local est Total job1 job2 job3 name0 name1 p_sex0 p_sex1
. foreach e of local est {
  2.     qui est restore `e'
  3.     forv g = 0/1 {
  4.         mat m`g' = nullmat(m`g'), _b[`g']
  5.         mat s`g' = nullmat(s`g'), _se[`g']
  6.     }
  7.     mat d = nullmat(d), _b[d]
  8.     mat s = nullmat(s), _se[d]
  9.     mat p = nullmat(p), (1-normal(abs(_b[d]/_se[d])))*2
 10. }
. eret post
. foreach m in m0 s0 m1 s1 d s p {
  2.     mat coln `m' = `est'
  3.     qui estadd matrix `m'
  4. }
. esttab . using log/tab2chf.tex, replace ///
>     noobs nonumb nomti collab(none) fragment booktabs varw(30) ///
>     cell((m0(fmt(1)) s0 m1 s1 d(star) s)) ///
>     star(+ 0.10 * 0.05 ** 0.01 *** 0.001) ///
>     coefl(job1 "-- JournalistIn" job2 "-- KrankenpflegerIn" ///
>         job3 "-- SchreinerIn" name0 "-- schweizerisch"  ///
>         name1 "-- ausländisch" p_sex0 "-- weiblich" p_sex1  "-- männlich") ///
>     refcat(job1 "Beruf" name0 "Name" p_sex0 "Befragungsperson", nolabel)
(output written to log/tab2chf.tex)
```

	Frauen		Männer		Differenz	
	$\widehat{E}(Y)$	$\hat{\sigma}$	$\widehat{E}(Y)$	$\hat{\sigma}$	Δ	$\hat{\sigma}$
Total	6144.4	339.6	6119.5	338.4	−24.9	215.8
Beruf						
– JournalistIn	6339.4	342.8	6245.0	334.2	−94.4	373.7
– KrankenpflegerIn	6377.6	569.1	6261.5	533.6	−116.0	367.7
– SchreinerIn	5677.3	323.4	5808.3	341.9	131.1	385.0
Name						
– schweizerisch	6119.1	372.8	6306.2	421.4	187.1	316.0
– ausländisch	6163.8	373.0	5931.1	320.9	−232.7	305.2
Befragungsperson						
– weiblich	6199.0	380.4	6195.7	370.0	−3.4	317.6
– männlich	5966.8	295.4	5955.4	304.0	−11.4	257.8

$\widehat{E}(Y)$: Durchschnittliche Bewertung; Δ: Differenz zwischen Frauen und Männern; $\hat{\sigma}$: Standardfehler
Differenztests: $^{+}$ $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ (zweiseitig)

3.4 Bereinigte Resultate mit Gewichten

```
. // Gewichtungsvariable (Anzahl Erwachsene im Haushalt)
. gen wt = q14
(9 missing values generated)
. replace wt = 1 if q14==0 | q14==.a
(12 real changes made)
. // Modelle
. regress rating inc i.sex##i.job##i.name [pw=wt], vsquish nofvlabel
(sum of wgt is 685)
Linear regression                               Number of obs     =        365
```

```
                                                F(12, 352)        =       4.67
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1261
                                                Root MSE          =     1.5708

------------------------------------------------------------------------------
             |               Robust
      rating |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         inc |   .0008506   .0002193     3.88   0.000     .0004193     .001282
       1.sex |  -.0111393   .4608608    -0.02   0.981    -.9175263    .8952478
         job |
          2  |  -.0090523   .4704812    -0.02   0.985      -.93436    .9162554
          3  |   .1464349    .477141     0.31   0.759    -.7919708    1.084841
     sex#job |
        1 2  |  -.0629847   .6005126    -0.10   0.917    -1.244029    1.118059
        1 3  |  -.4208089   .6794854    -0.62   0.536    -1.757171    .9155528
      1.name |  -.1551975   .4534908    -0.34   0.732     -1.04709    .7366947
    sex#name |
        1 1  |  -.3186035   .6367814    -0.50   0.617    -1.570978    .9337712
    job#name |
        2 1  |   -.061053   .5956539    -0.10   0.918    -1.232541    1.110435
        3 1  |   .7180655   .5897707     1.22   0.224    -.4418519    1.877983
sex#job#name |
      1 2 1  |    .647836   .8326432     0.78   0.437    -.9897451    2.285417
      1 3 1  |   .7097169   .8955561     0.79   0.429    -1.051597    2.471031
       _cons |  -5.102207   1.228099    -4.15   0.000    -7.517543   -2.686872
------------------------------------------------------------------------------

. eststo m1

. regress rating inc i.sex##i.job##i.name##i.p_sex [pw=wt], vsquish nofvlabel
(sum of wgt is 684)

Linear regression                               Number of obs     =        364
                                                F(24, 339)        =       3.08
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1575
                                                Root MSE          =     1.5632

------------------------------------------------------------------------------
             |               Robust
      rating |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         inc |    .000867   .0002193     3.95   0.000     .0004356    .0012985
       1.sex |   .7525582   .7015271     1.07   0.284    -.6273361    2.132453
         job |
          2  |    .455879   .7211155     0.63   0.528    -.9625455    1.874303
          3  |   .7057097   .7942009     0.89   0.375    -.8564728    2.267892
     sex#job |
        1 2  |  -1.949261   1.007786    -1.93   0.054    -3.931563    .0330409
        1 3  |  -1.700825   1.183425    -1.44   0.152    -4.028606    .6269558
      1.name |   .5444082    .769202     0.71   0.480    -.9686017    2.057418
    sex#name |
        1 1  |  -1.785474   1.027134    -1.74   0.083    -3.805833    .2348847
    job#name |
        2 1  |  -.4640621   1.106822    -0.42   0.675    -2.641166    1.713042
        3 1  |  -.3340726   .9962256    -0.34   0.738    -2.293635     1.62549
sex#job#name |
      1 2 1  |   3.052279   1.449478     2.11   0.036     .2011763    5.903382
      1 3 1  |   3.308377   1.506189     2.20   0.029     .3457235     6.27103
     1.p_sex |    .638371    .704897     0.91   0.366    -.7481518    2.024894
   sex#p_sex |
        1 1  |  -1.338251   .9336769    -1.43   0.153    -3.174781    .4982787
   job#p_sex |
        2 1  |  -.7263075    .877214    -0.83   0.408    -2.451776    .9991606
        3 1  |  -.8939583   .9872718    -0.91   0.366    -2.835909    1.047992
sex#job#p_sex |
      1 2 1  |   2.714279   1.261227     2.15   0.032     .2334632    5.195095
      1 3 1  |   2.357603    1.43317     1.65   0.101    -.4614241     5.17663
  name#p_sex |
        1 1  |  -1.096844   .9574599    -1.15   0.253    -2.980154     .786467
```

```
    sex#name#p_sex |
            1 1 1  |   2.512042   1.302636     1.93   0.055    -.0502255    5.074309
    job#name#p_sex |
            2 1 1  |   .6856468   1.316248     0.52   0.603    -1.903394    3.274688
            3 1 1  |   1.656969   1.240788     1.34   0.183     -.783643    4.097582
sex#job#name#p_sex |
          1 2 1 1  |  -3.754833   1.775948    -2.11   0.035      -7.2481   -.2615669
          1 3 1 1  |  -4.441371   1.859715    -2.39   0.017    -8.099405   -.7833367
             _cons |  -5.590947   1.274076    -4.39   0.000    -8.097038   -3.084856
------------------------------------------------------------------------------------

. eststo m2

. // Effekt des Geschlechts in der Vignette: Total
. qui est restore m1

. margins sex, post

Predictive margins                              Number of obs     =        365
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         sex |
   weiblich  |  -.7559089   .1145312    -6.60   0.000    -.9811604   -.5306575
   männlich  |  -.8533305   .1264572    -6.75   0.000    -1.102037   -.6046238
------------------------------------------------------------------------------

. lincom _b[0bn.sex] - _b[1.sex]

 ( 1)  0bn.sex - 1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .0974216   .1697887     0.57   0.566    -.2365062    .4313494
------------------------------------------------------------------------------

. // Effekt des Berufs: Total
. qui est restore m1

. margins job, post

Predictive margins                              Number of obs     =        365
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         job |
JournalistIn |  -1.014455   .1907099    -5.32   0.000    -1.389529   -.6393811
KrankenpflegerIn |  -.9068624    .178853    -5.07   0.000    -1.258617   -.5551075
SchreinerIn  |  -.5059198   .1572899    -3.22   0.001    -.8152659   -.1965736
------------------------------------------------------------------------------

. lincom _b[1bn.job] - _b[2.job]

 ( 1)  1bn.job - 2.job = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1075928   .3061632    -0.35   0.725    -.7097321    .4945465
------------------------------------------------------------------------------

. lincom _b[1bn.job] - _b[3.job]

 ( 1)  1bn.job - 3.job = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.5085354   .2397362    -2.12   0.035    -.9800309     -.03704
------------------------------------------------------------------------------
```

```
. lincom _b[2.job] - _b[3.job]
 ( 1)  2.job - 3.job = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.4009426	.246112	-1.63	0.104	-.8849775	.0830922

```
. // Effekt des Geschlechts in der Vignette: nach Beruf
. qui est restore m1
. margins job#sex, post
Predictive margins                              Number of obs     =        365
Model VCE    : Robust
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
job#sex						
JournalistIn#weiblich	-.9199755	.2448594	-3.76	0.000	-1.401547	-.438404
JournalistIn#männlich	-1.098556	.2502107	-4.39	0.000	-1.590652	-.60646
KrankenpflegerIn#weiblich	-.961114	.2299001	-4.18	0.000	-1.413264	-.5089636
KrankenpflegerIn#männlich	-.8622107	.2186621	-3.94	0.000	-1.292259	-.4321622
SchreinerIn#weiblich	-.396163	.1839466	-2.15	0.032	-.7579357	-.0343904
SchreinerIn#männlich	-.6225626	.2493818	-2.50	0.013	-1.113028	-.1320969

```
. lincom  _b[1bn.job#0bn.sex] - _b[1bn.job#1.sex]
 ( 1)  1bn.job#0bn.sex - 1bn.job#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.1785805	.317027	0.56	0.574	-.4449249	.8020859

```
. lincom _b[2.job#0bn.sex] - _b[2.job#1.sex]
 ( 1)  2.job#0bn.sex - 2.job#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.0989033	.2679713	-0.37	0.712	-.6259294	.4281228

```
. lincom _b[3.job#0bn.sex] - _b[3.job#1.sex]
 ( 1)  3.job#0bn.sex - 3.job#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.2263995	.3078581	0.74	0.463	-.3790731	.8318722

```
. lincom (_b[1bn.job#0bn.sex] - _b[1bn.job#1.sex]) - (_b[2.job#0bn.sex] - _b[2.job#1.sex])
 ( 1)  1bn.job#0bn.sex - 1bn.job#1.sex - 2.job#0bn.sex + 2.job#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.2774838	.4155702	0.67	0.505	-.539829	1.094797

```
. lincom (_b[1bn.job#0bn.sex] - _b[1bn.job#1.sex]) - (_b[3.job#0bn.sex] - _b[3.job#1.sex])
 ( 1)  1bn.job#0bn.sex - 1bn.job#1.sex - 3.job#0bn.sex + 3.job#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.047819	.4438263	-0.11	0.914	-.9207039	.8250659

```
. lincom (_b[2.job#0bn.sex] - _b[2.job#1.sex]) - (_b[3.job#0bn.sex] - _b[3.job#1.sex])
```

```
 ( 1)  2.job#0bn.sex - 2.job#1.sex - 3.job#0bn.sex + 3.job#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.3253028     .40922    -0.79   0.427    -1.130127    .4795209
------------------------------------------------------------------------------

. // Effekt des Namens: Total
. qui est restore m1

. margins name, post

Predictive margins                              Number of obs     =        365
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
        name |
schweizerisch |  -.8807095   .1302086    -6.76   0.000    -1.136794   -.6246248
  ausländisch |  -.7496179   .1150044    -6.52   0.000    -.9758001   -.5234358
------------------------------------------------------------------------------

. lincom _b[0bn.name] - _b[1.name]

 ( 1)  0bn.name - 1.name = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1310916   .1742686    -0.75   0.452    -.4738302    .2116471
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Name
. qui est restore m1

. margins name#sex, post

Predictive margins                              Number of obs     =        365
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
        name#sex |
schweizerisch#weiblich |  -.7937246   .1751673    -4.53   0.000    -1.138231   -.4492185
schweizerisch#männlich |   -.964723   .1905817    -5.06   0.000    -1.339545    -.589901
  ausländisch#weiblich |  -.7356785    .155212    -4.74   0.000    -1.040938   -.4304189
  ausländisch#männlich |  -.7643273   .1682149    -4.54   0.000     -1.09516   -.4334947
------------------------------------------------------------------------------

. lincom _b[0bn.name#0bn.sex] - _b[0bn.name#1.sex]

 ( 1)  0bn.name#0bn.sex - 0bn.name#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .1709984   .2577905     0.66   0.508    -.3360049    .6780016
------------------------------------------------------------------------------

. lincom _b[1.name#0bn.sex] - _b[1.name#1.sex]

 ( 1)  1.name#0bn.sex - 1.name#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .0286488   .2280402     0.13   0.900    -.4198439    .4771414
------------------------------------------------------------------------------

. lincom (_b[1.name#0bn.sex] - _b[1.name#1.sex]) ///
>     - (_b[0bn.name#0bn.sex] - _b[0bn.name#1.sex])

 ( 1)  - 0bn.name#0bn.sex + 0bn.name#1.sex + 1.name#0bn.sex - 1.name#1.sex = 0
```

```
------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1423496    .345773    -0.41   0.681    -.8223905    .5376913
------------------------------------------------------------------------------

. // Effekt des Geschlechts der befragten Person: Total
. qui est restore m2

. margins p_sex, post

Predictive margins                              Number of obs     =        364
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       p_sex |
   weiblich  |  -.8676865   .1485473    -5.84   0.000    -1.159877    -.575496
   männlich  |  -.7946639   .1059081    -7.50   0.000    -1.002984    -.586344
------------------------------------------------------------------------------

. lincom _b[0bn.p_sex] - _b[1.p_sex]

 ( 1)  0bn.p_sex - 1.p_sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.0730226   .1827898    -0.40   0.690    -.4325677    .2865225
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Geschlecht der befragten Person
. qui est restore m2

. margins p_sex#sex, post

Predictive margins                              Number of obs     =        364
Model VCE    : Robust

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
                     |            Delta-method
                     |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------------+--------------------------------------------------------------
             p_sex#sex |
weiblich#weiblich    |  -.7089686   .2096835    -3.38   0.001    -1.121413   -.2965241
weiblich#männlich    |  -1.009504   .2117714    -4.77   0.000    -1.426055   -.5929522
männlich#weiblich    |  -.7766307   .1382123    -5.62   0.000    -1.048492   -.5047689
männlich#männlich    |  -.8227549   .1569322    -5.24   0.000    -1.131438   -.5140713
------------------------------------------------------------------------------

. lincom _b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex]

 ( 1)  0bn.p_sex#0bn.sex - 0bn.p_sex#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .3005352    .297575     1.01   0.313    -.2847908    .8858611
------------------------------------------------------------------------------

. lincom _b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]

 ( 1)  1.p_sex#0bn.sex - 1.p_sex#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .0461243   .2084367     0.22   0.825    -.3638679    .4561164
------------------------------------------------------------------------------

. lincom (_b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]) ///
>     - (_b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex])

 ( 1)  - 0bn.p_sex#0bn.sex + 0bn.p_sex#1.sex + 1.p_sex#0bn.sex - 1.p_sex#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
```

(1)	-.2544109	.3638412	-0.70	0.485	-.9700817	.4612598

4 Experiment 3

```
. clear all
. use "../Survey 2010/daten20180509/Data_vorPlausi_EXTERNE"
. gen rating       = nvurteil if nvurteil<.
(1,457 missing values generated)
. gen byte sex     = 1 - nvfrau if nvfrau<.
(1,412 missing values generated)
. gen byte marstat = nvverh if nvverh<.
(1,412 missing values generated)
. gen byte effort  = nvleistung if nvleistung<.
(1,412 missing values generated)
. gen byte p_sex   = 1 - nfrau if nfrau<.
(1,424 missing values generated)
. gen int inc      = nvlohn if nvlohn<.
(1,412 missing values generated)
. lab def sex 0 "weiblich" 1 "männlich"
. lab val sex p_sex sex
. lab def marstat 0 "alleinstehend" 1 "verheiratet"
. lab val marstat marstat
. lab def effort 0 "tief" 1 "hoch"
. lab val effort effort
. drop if rating>=.
(1,457 observations deleted)
```

4.1 Bereinigte Resultate (Regression Adjustment)

```
. // Modelle
. regress rating inc i.sex##i.effort##i.marstat, vsquish nofvlabel
      Source |       SS           df       MS      Number of obs   =     1,912
-------------+----------------------------------   F(8, 1903)      =     38.97
       Model |  718.174092         8  89.7717614   Prob > F        =    0.0000
    Residual |  4383.88605     1,903  2.30367107   R-squared       =    0.1408
-------------+----------------------------------   Adj R-squared   =    0.1371
       Total |  5102.06015     1,911  2.66983786   Root MSE        =    1.5178

------------------------------------------------------------------------------
             rating |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-----------------+------------------------------------------------------------
                inc |   .0010926   .0000843    12.96   0.000     .0009272     .001258
              1.sex |  -.0988909   .1372914    -0.72   0.471    -.3681483    .1703665
           1.effort |  -.6578179   .1399473    -4.70   0.000    -.9322841   -.3833517
         sex#effort |
               1 1  |  -.0904245   .1954603    -0.46   0.644    -.4737634    .2929144
          1.marstat |   .0132423   .1384155     0.10   0.924    -.2582196    .2847043
       sex#marstat |
               1 1  |  -.3542521   .1957792    -1.81   0.071    -.7382165    .0297123
    effort#marstat |
               1 1  |  -.0594858    .197857    -0.30   0.764    -.4475253    .3285537
sex#effort#marstat |
             1 1 1  |   .0468682   .2777937     0.17   0.866    -.4979439    .5916804
             _cons |  -5.031483   .4753521   -10.58   0.000    -5.963749   -4.099217
------------------------------------------------------------------------------
. eststo m1
```

```
. regress rating inc i.sex##i.effort##i.marstat##i.p_sex, vsquish nofvlabel
      Source |       SS           df       MS      Number of obs   =     1,912
-------------+----------------------------------   F(16, 1895)     =     19.64
       Model |  725.79732        16  45.3623325   Prob > F        =    0.0000
    Residual |  4376.26283     1,895  2.30937352   R-squared       =    0.1423
-------------+----------------------------------   Adj R-squared   =    0.1350
       Total |  5102.06015     1,911  2.66983786   Root MSE        =    1.5197

------------------------------------------------------------------------------
                      rating |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-----------------------------+------------------------------------------------
                         inc |   .0010912   .0000845    12.92   0.000     .0009255    .0012568
                       1.sex |  -.1195929   .1843757    -0.65   0.517    -.4811936    .2420077
                    1.effort |  -.6033996   .1908704    -3.16   0.002    -.9777377   -.2290614
                  sex#effort |
                       1 1   |  -.1184849   .2641694    -0.45   0.654    -.6365783    .3996084
                   1.marstat |   .0513237   .1892717     0.27   0.786    -.3198791    .4225266
                 sex#marstat |
                       1 1   |    -.46018   .2663577    -1.73   0.084    -.9825651     .062205
             effort#marstat  |
                       1 1   |  -.2600169   .2683159    -0.97   0.333    -.7862424    .2662087
         sex#effort#marstat  |
                     1 1 1   |   .2193475   .3766963     0.58   0.560    -.5194355    .9581306
                    1.p_sex  |  -.0533045   .1961881    -0.27   0.786    -.4380718    .3314629
                  sex#p_sex  |
                       1 1   |   .0450938   .2767095     0.16   0.871    -.4975935     .587781
               effort#p_sex  |
                       1 1   |  -.1151074   .2810727    -0.41   0.682    -.6663519     .436137
           sex#effort#p_sex  |
                     1 1 1   |   .0565075   .3933732     0.14   0.886    -.7149825    .8279975
              marstat#p_sex  |
                       1 1   |  -.0785165   .2779605    -0.28   0.778    -.6236574    .4666243
           sex#marstat#p_sex |
                     1 1 1   |   .2234491    .393653     0.57   0.570    -.5485897    .9954879
        effort#marstat#p_sex |
                     1 1 1   |     .44518   .3982425     1.12   0.264    -.3358597     1.22622
sex#effort#marstat#p_sex     |
                   1 1 1 1   |  -.3812747   .5590464    -0.68   0.495    -1.477686    .7151364
                     _cons   |   -4.99932    .484554   -10.32   0.000    -5.949635   -4.049005
------------------------------------------------------------------------------

. eststo m2

. // Effekt des Geschlechts in der Vignette: Total
. qui est restore m1

. margins sex, post

Predictive margins                              Number of obs     =      1,912
Model VCE    : OLS

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         sex |
   weiblich  |   .6402282   .0494605    12.94   0.000     .5432257    .7372306
   männlich  |     .33273   .0487409     6.83   0.000     .2371389    .4283212
------------------------------------------------------------------------------

. lincom _b[0bn.sex] - _b[1.sex]
 ( 1)  0bn.sex - 1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .3074981   .0694408     4.43   0.000     .1713101    .4436861
------------------------------------------------------------------------------

. // Effekt der Leistung: Total
. qui est restore m1

. margins effort, post
```

```
Predictive margins                              Number of obs     =      1,912
Model VCE    : OLS

Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
effort						
tief	.843612	.0489421	17.24	0.000	.7476262	.9395978
hoch	.1221315	.0492506	2.48	0.013	.0255407	.2187222

```
. lincom _b[0bn.effort] - _b[1.effort]

 ( 1)  0bn.effort - 1.effort = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.7214805	.0694339	10.39	0.000	.585306	.857655

```
. // Effekt des Geschlechts in der Vignette: nach Leistung
. qui est restore m1

. margins effort#sex, post

Predictive margins                              Number of obs     =      1,912
Model VCE    : OLS

Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
effort#sex						
tief#weiblich	.9817887	.0692155	14.18	0.000	.8460426	1.117535
tief#männlich	.7076246	.069218	10.22	0.000	.5718735	.8433756
hoch#weiblich	.294539	.0707133	4.17	0.000	.1558552	.4332228
hoch#männlich	-.0468606	.0686418	-0.68	0.495	-.1814817	.0877605

```
. lincom _b[0bn.effort#0bn.sex] - _b[0bn.effort#1.sex]

 ( 1)  0bn.effort#0bn.sex - 0bn.effort#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.2741641	.0978954	2.80	0.005	.0821706	.4661577

```
. lincom _b[1.effort#0bn.sex] - _b[1.effort#1.sex]

 ( 1)  1.effort#0bn.sex - 1.effort#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.3413996	.0985608	3.46	0.001	.148101	.5346983

```
. lincom (_b[1.effort#0bn.sex] - _b[1.effort#1.sex]) ///
>     - (_b[0bn.effort#0bn.sex] - _b[0bn.effort#1.sex])

 ( 1)  - 0bn.effort#0bn.sex + 0bn.effort#1.sex + 1.effort#0bn.sex - 1.effort#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.0672355	.138945	0.48	0.629	-.2052651	.339736

```
. // Effekt des Familienstands: Total
. qui est restore m1

. margins marstat, post

Predictive margins                              Number of obs     =      1,912
Model VCE    : OLS
```

```
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
marstat						
alleinstehend	.5750962	.0488383	11.78	0.000	.4793141	.6708784
verheiratet	.3910491	.049352	7.92	0.000	.2942594	.4878388

```
. lincom _b[0bn.marstat] - _b[1.marstat]
 ( 1)  0bn.marstat - 1.marstat = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.1840471	.0694331	2.65	0.008	.0478741	.3202201

```
. // Effekt des Geschlechts in der Vignette: nach Familienstand
. qui est restore m1
. margins marstat#sex, post
Predictive margins                              Number of obs     =      1,912
Model VCE    : OLS
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
marstat#sex						
alleinstehend#weiblich	.6483921	.0699526	9.27	0.000	.5112002	.785584
alleinstehend#männlich	.5045728	.068222	7.40	0.000	.370775	.6383705
verheiratet#weiblich	.6320783	.0699404	9.04	0.000	.4949103	.7692462
verheiratet#männlich	.1572938	.0696562	2.26	0.024	.0206833	.2939043

```
. lincom _b[0bn.marstat#0bn.sex] - _b[0bn.marstat#1.sex]
 ( 1)  0bn.marstat#0bn.sex - 0bn.marstat#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.1438194	.0977112	1.47	0.141	-.0478129	.3354516

```
. lincom _b[1.marstat#0bn.sex] - _b[1.marstat#1.sex]
 ( 1)  1.marstat#0bn.sex - 1.marstat#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.4747844	.0987094	4.81	0.000	.2811944	.6683744

```
. lincom (_b[1.marstat#0bn.sex] - _b[1.marstat#1.sex]) ///
>     - (_b[0bn.marstat#0bn.sex] - _b[0bn.marstat#1.sex])
 ( 1)  - 0bn.marstat#0bn.sex + 0bn.marstat#1.sex + 1.marstat#0bn.sex - 1.marstat#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.330965	.1388926	2.38	0.017	.0585673	.6033628

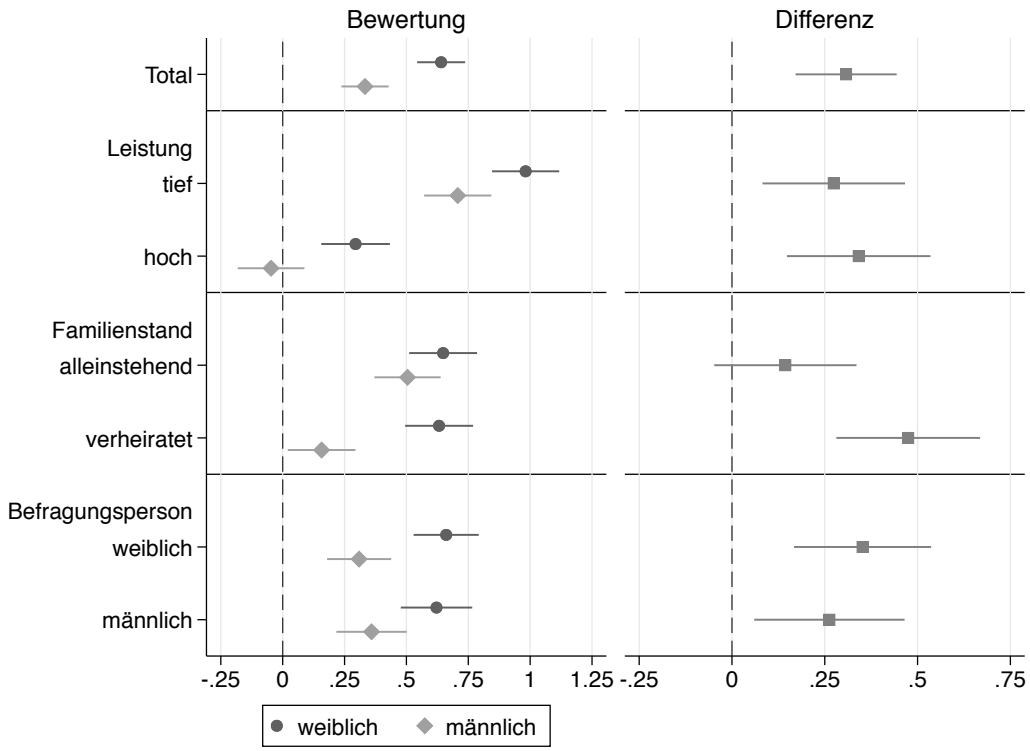
```
. // Effekt des Geschlechts: Total
. qui est restore m2
. margins p_sex, post
Predictive margins                              Number of obs     =      1,912
Model VCE    : OLS
Expression   : Linear prediction, predict()
```

```
                |            Delta-method
                |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
----------------+----------------------------------------------------------------
          p_sex |
      weiblich  |     .483106   .0470553    10.27   0.000     .3908203    .5753917
      männlich  |    .4886748   .0516186     9.47   0.000     .3874396    .5899101
------------------------------------------------------------------------------

. lincom _b[0bn.p_sex] - _b[1.p_sex]
 ( 1)  0bn.p_sex - 1.p_sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.0055688   .0698479    -0.08   0.936    -.1425556     .131418
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Geschlecht der befragten Person
. qui est restore m2

. margins p_sex#sex, post

Predictive margins                              Number of obs     =      1,912
Model VCE    : OLS

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
                     |            Delta-method
                     |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------------+--------------------------------------------------------------
             p_sex#sex |
weiblich#weiblich    |   .6607562   .0670738     9.85   0.000     .5292099    .7923025
weiblich#männlich    |   .3088726   .0660569     4.68   0.000     .1793207    .4384246
männlich#weiblich    |   .6215424    .073549     8.45   0.000      .477297    .7657879
männlich#männlich    |   .3590634   .0724801     4.95   0.000     .2169143    .5012125
------------------------------------------------------------------------------

. lincom _b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex]
 ( 1)  0bn.p_sex#0bn.sex - 0bn.p_sex#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .3518835   .0941403     3.74   0.000     .1672541     .536513
------------------------------------------------------------------------------

. lincom _b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]
 ( 1)  1.p_sex#0bn.sex - 1.p_sex#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |    .262479   .1032607     2.54   0.011     .0599624    .4649957
------------------------------------------------------------------------------

. lincom (_b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]) ///
>     - (_b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex])
 ( 1)  - 0bn.p_sex#0bn.sex + 0bn.p_sex#1.sex + 1.p_sex#0bn.sex - 1.p_sex#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.0894045   .1397324    -0.64   0.522      -.36345     .184641
------------------------------------------------------------------------------
```

4.1.1 Abbildung

```
. capt prog drop adddiff

. program adddiff
  1.     tempname b V
  2.     mat `b' = e(b)
  3.     mat coln `b' = "0" "1"
```

```
  4.     erepost b=`b', rename
  5.     mat `b' = e(b)
  6.     mat `V' = e(V)
  7.     qui lincom _b[0]-_b[1]
  8.     mat `b' = `b', r(estimate)
  9.     mat coln `b' = "0" "1" "d"
 10.     mat `V' = (`V', J(colsof(`V'), 1, 0)) \ (J(1, rowsof(`V'), 0), r(se)^2)
 11.     erepost b=`b' V=`V', rename
 12. end
. qui est restore m1
. qui margins sex, post
. eststo Total: adddiff
. qui est restore m1
. qui margins 0.effort#sex, post
. eststo effort0: adddiff
. qui est restore m1
. qui margins 1.effort#sex, post
. eststo effort1: adddiff
. qui est restore m1
. qui margins 0.marstat#sex, post
. eststo marstat0: adddiff
. qui est restore m1
. qui margins 1.marstat#sex, post
. eststo marstat1: adddiff
. qui est restore m2
. qui margins 0.p_sex#sex, post
. eststo p_sex0: adddiff
. qui est restore m2
. qui margins 1.p_sex#sex, post
. eststo p_sex1: adddiff
. local models Total effort0 effort1 marstat0 marstat1 p_sex0 p_sex1
. coefplot (`models', keep(0)) (`models', keep(1)) || (`models', keep(d)) ///
>     || , bylabels(Bewertung Differenz) aseq swap norecycle ///
>     byopts(xrescale legend(off)) xline(0) ytick(1.5 4 6.5, glstyle(foreground)) ///
>     coefl(effort0 = "tief" effort1 = "hoch" marstat0 = "alleinstehend" ///
>         marstat1 = "verheiratet" p_sex0 = "weiblich" p_sex1 = "männlich") ///
>     heading( effort0 = "Leistung" marstat0 = "Familienstand" ///
>             p_sex0 = "Befragungsperson", gap(-.5) offset(0.5))
. addplot 1: , xlabel(-.25(.25)1.25) norescaling legend(order(2 "weiblich" 4 "männlich") on)
. addplot 2: , xlabel(-.25(0.25).75) norescaling legend(off)
```



4.1.2 Tabelle zur Abbildung

```
. matrix drop _all

. local est Total effort0 effort1 marstat0 marstat1 p_sex0 p_sex1

. foreach e of local est {
  2.     qui est restore `e'
  3.     forv g = 0/1 {
  4.         mat m`g' = nullmat(m`g'), _b[`g']
  5.         mat s`g' = nullmat(s`g'), _se[`g']
  6.     }
  7.     mat d = nullmat(d), _b[d]
  8.     mat s = nullmat(s), _se[d]
  9.     mat p = nullmat(p), ttail(e(df_r), abs(_b[d]/_se[d]))*2
 10. }

. eret post

. foreach m in m0 s0 m1 s1 d s p {
  2.     mat coln `m' = `est'
  3.     qui estadd matrix `m'
  4. }

. esttab . using log/tab3.tex, replace ///
>     noobs nonumb nomti collab(none) fragment booktabs varw(30) ///
>     cell((m0(fmt(2)) s0 m1 s1 d(star) s)) ///
>     star(+ 0.10 * 0.05 ** 0.01 *** 0.001) ///
>     coefl(effort0 "-- tief" effort1 "-- hoch" marstat0 "-- alleinstehend" ///
>         marstat1 "-- verheiratet"  p_sex0 "-- weiblich" p_sex1  "-- männlich") ///
>     refcat(effort0  "Leistung" marstat0 "Familienstand" p_sex0 "Befragungsperson", nolabel)
(output written to log/tab3.tex)
```

	Frauen		Männer		Differenz	
	$\widehat{E}(Y)$	$\hat{\sigma}$	$\widehat{E}(Y)$	$\hat{\sigma}$	Δ	$\hat{\sigma}$
Total	0.64	0.05	0.33	0.05	0.31^{***}	0.07
Leistung						
– tief	0.98	0.07	0.71	0.07	0.27^{**}	0.10
– hoch	0.29	0.07	−0.05	0.07	0.34^{***}	0.10
Familienstand						
– alleinstehend	0.65	0.07	0.50	0.07	0.14	0.10
– verheiratet	0.63	0.07	0.16	0.07	0.47^{***}	0.10
Befragungsperson						
– weiblich	0.66	0.07	0.31	0.07	0.35^{***}	0.09
– männlich	0.62	0.07	0.36	0.07	0.26^{*}	0.10

$\widehat{E}(Y)$: Durchschnittliche Bewertung; Δ: Differenz zwischen Frauen und Männern; $\hat{\sigma}$: Standardfehler
Differenztests: $^{+}$ $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ (zweiseitig)

4.2 Unbereinigte Resultate (bivariat)

```
. // Effekt des Geschlechts in der Vignette: Total
. mean rating, over(sex)
Mean estimation                   Number of obs   =      1,912

     weiblich: sex = weiblich
     männlich: sex = männlich

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
    weiblich |   .6443737   .0531213       .540192    .7485554
    männlich |   .3298969   .0521212      .2276765    .4321173
--------------------------------------------------------------

. lincom _b[weiblich] - _b[männlich]
 ( 1)  [rating]weiblich - [rating]männlich = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .3144768    .074421     4.23   0.000     .1685218    .4604317
------------------------------------------------------------------------------

. // Effekt der Leistung
. mean rating, over(effort)
Mean estimation                   Number of obs   =      1,912

         tief: effort = tief
         hoch: effort = hoch

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
        tief |   .8492723   .0523198      .7466624    .9518823
        hoch |   .1157895   .0506654      .0164242    .2151548
--------------------------------------------------------------

. lincom _b[tief] - _b[hoch]
 ( 1)  [rating]tief - [rating]hoch = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .7334829    .072831    10.07   0.000     .5906464    .8763194
------------------------------------------------------------------------------
```

```
. // Effekt des Geschlechts in der Vignette: nach Leistung
. mean rating, over(effort sex)

Mean estimation                   Number of obs   =      1,912

         Over: effort sex
    _subpop_1: tief weiblich
    _subpop_2: tief männlich
    _subpop_3: hoch weiblich
    _subpop_4: hoch männlich

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
   _subpop_1 |   .9968815   .0729076      .8538948    1.139868
   _subpop_2 |   .7016632    .074529      .5554965    .8478299
   _subpop_3 |   .2765727   .0737046      .1320228    .4211225
   _subpop_4 |  -.0357873   .0690909     -.1712889    .0997143
--------------------------------------------------------------

. lincom _b[_subpop_1] - _b[_subpop_2]
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .2952183   .1042597     2.83   0.005     .0907436     .499693
------------------------------------------------------------------------------

. lincom _b[_subpop_3] - _b[_subpop_4]
 ( 1)  [rating]_subpop_3 - [rating]_subpop_4 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |     .31236   .1010244     3.09   0.002     .1142304    .5104896
------------------------------------------------------------------------------

. lincom (_b[_subpop_1] - _b[_subpop_2]) - (_b[_subpop_3] - _b[_subpop_4])
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 - [rating]_subpop_3 + [rating]_subpop_4 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.0171417   .1451758    -0.12   0.906    -.3018613    .2675779
------------------------------------------------------------------------------

. // Effekt des Familienstands
. mean rating, over(marstat)

Mean estimation                   Number of obs   =      1,912

 alleinsteh~d: marstat = alleinstehend
  verheiratet: marstat = verheiratet

--------------------------------------------------------------
         Over |       Mean   Std. Err.     [95% Conf. Interval]
--------------+-----------------------------------------------
rating        |
alleinstehend |   .5802277   .0521225      .4780048    .6824507
  verheiratet |   .3874207   .0534267      .2826399    .4922015
--------------------------------------------------------------

. lincom _b[alleinstehend] - _b[verheiratet]
 ( 1)  [rating]alleinstehend - [rating]verheiratet = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |    .192807   .0746403     2.58   0.010     .0464221     .339192
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Familienstand
. mean rating, over(marstat sex)

Mean estimation                   Number of obs   =      1,912

         Over: marstat sex
```

```
    _subpop_1: alleinstehend weiblich
    _subpop_2: alleinstehend männlich
    _subpop_3: verheiratet weiblich
    _subpop_4: verheiratet männlich
```

Over	Mean	Std. Err.	[95% Conf.	Interval]
rating				
_subpop_1	.6602972	.0736152	.5159227	.8046718
_subpop_2	.5040404	.0736662	.3595659	.6485149
_subpop_3	.6284501	.0766759	.4780728	.7788274
_subpop_4	.1484211	.0728771	.0054941	.291348

```
. lincom _b[_subpop_1] - _b[_subpop_2]
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.1562568	.1041437	1.50	0.134	-.0479903	.360504

```
. lincom _b[_subpop_3] - _b[_subpop_4]
 ( 1)  [rating]_subpop_3 - [rating]_subpop_4 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.4800291	.1057841	4.54	0.000	.2725647	.6874934

```
. lincom (_b[_subpop_1] - _b[_subpop_2]) - (_b[_subpop_3] - _b[_subpop_4])
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 - [rating]_subpop_3 + [rating]_subpop_4 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.3237722	.1484458	-2.18	0.029	-.6149051	-.0326393

```
. // Effekt des Geschlechts der befragten Person
. mean rating, over(p_sex)
Mean estimation                   Number of obs   =      1,912
     weiblich: p_sex = weiblich
     männlich: p_sex = männlich
```

Over	Mean	Std. Err.	[95% Conf.	Interval]
rating				
weiblich	.4837165	.0504206	.3848313	.5826017
männlich	.4861751	.0556885	.3769585	.5953918

```
. lincom _b[weiblich] - _b[männlich]
 ( 1)  [rating]weiblich - [rating]männlich = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.0024586	.0751229	-0.03	0.974	-.1497901	.1448728

```
. // Effekt des Geschlechts in der Vignette: nach Geschlecht der befragten Person
. mean rating, over(p_sex sex)
Mean estimation                   Number of obs   =      1,912
         Over: p_sex sex
    _subpop_1: weiblich weiblich
    _subpop_2: weiblich männlich
    _subpop_3: männlich weiblich
    _subpop_4: männlich männlich
```

Over	Mean	Std. Err.	[95% Conf.	Interval]
rating				
_subpop_1	.6575875	.0724936	.5154126	.7997625
_subpop_2	.3150943	.069439	.1789102	.4512784
_subpop_3	.6285047	.0781242	.4752869	.7817224
_subpop_4	.3477273	.0788618	.193063	.5023915

```
. lincom _b[_subpop_1] - _b[_subpop_2]
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.3424932	.1003847	3.41	0.001	.145618	.5393684

```
. lincom _b[_subpop_3] - _b[_subpop_4]
 ( 1)  [rating]_subpop_3 - [rating]_subpop_4 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.2807774	.1110071	2.53	0.012	.0630696	.4984852

```
. lincom (_b[_subpop_1] - _b[_subpop_2]) - (_b[_subpop_3] - _b[_subpop_4])
 ( 1)  [rating]_subpop_1 - [rating]_subpop_2 - [rating]_subpop_3 + [rating]_subpop_4 = 0
```

Mean	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.0617158	.1496652	0.41	0.680	-.2318085	.3552402

4.3 Bereinigte Resultate in CHF

```
. // CHF pro Skalenpunkt
. qui est restore m1
. di 1 / _b[inc]
915.24939
. // Effekt des Geschlechts in der Vignette: Total
. qui est restore m1
. margins sex, post expression(xb()/-_b[inc] + inc)
Predictive margins                              Number of obs     =      1,912
Model VCE    : OLS
Expression   : xb()/-_b[inc] + inc
```

	Margin	Delta-method Std. Err.	z	P>|z|	[95% Conf.	Interval]
sex						
weiblich	4911.678	63.93695	76.82	0.000	4786.364	5036.992
männlich	5193.115	50.44777	102.94	0.000	5094.24	5291.991

```
. lincom _b[1.sex] - _b[0bn.sex]
 ( 1)  - 0bn.sex + 1.sex = 0
```

	Coef.	Std. Err.	z	P>|z|	[95% Conf.	Interval]
(1)	281.4375	67.1241	4.19	0.000	149.8767	412.9983

```
. // Effekt der Leistung: Total
. qui est restore m1
```

```
. margins effort, post expression(xb()/-_b[inc] + inc)
Predictive margins                              Number of obs     =      1,912
Model VCE    : OLS

Expression   : xb()/-_b[inc] + inc

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
      effort |
        tief |   4725.531   74.71918    63.24   0.000     4579.084    4871.978
        hoch |   5385.866   45.84996   117.47   0.000     5296.001     5475.73
------------------------------------------------------------------------------

. lincom _b[1.effort]- _b[0bn.effort]

 ( 1)  - 0bn.effort + 1.effort = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   660.3346     81.742     8.08   0.000     500.1232     820.546
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Leistung
. qui est restore m1

. margins effort#sex, post expression(xb()/-_b[inc] + inc)
Predictive margins                              Number of obs     =      1,912
Model VCE    : OLS

Expression   : xb()/-_b[inc] + inc

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    effort#sex |
tief#weiblich |   4599.065   94.71863    48.56   0.000      4413.42     4784.71
tief#männlich |   4849.993   80.30919    60.39   0.000      4692.59    5007.397
hoch#weiblich |    5228.07   67.60404    77.33   0.000     5095.568    5360.571
hoch#männlich |   5540.536   62.87285    88.12   0.000     5417.307    5663.764
------------------------------------------------------------------------------

. lincom _b[0bn.effort#1.sex]- _b[0bn.effort#0bn.sex]

 ( 1)  - 0bn.effort#0bn.sex + 0bn.effort#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   250.9286   92.02562     2.73   0.006     70.56168    431.2955
------------------------------------------------------------------------------

. lincom _b[1.effort#1.sex] - _b[1.effort#0bn.sex]

 ( 1)  - 1.effort#0bn.sex + 1.effort#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   312.4658   92.86614     3.36   0.001     130.4515    494.4801
------------------------------------------------------------------------------

. lincom (_b[1.effort#1.sex] - _b[1.effort#0bn.sex]) ///
>     - (_b[0bn.effort#1.sex]- _b[0bn.effort#0bn.sex])

 ( 1)  0bn.effort#0bn.sex - 0bn.effort#1.sex - 1.effort#0bn.sex + 1.effort#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   61.53723   127.1212     0.48   0.628    -187.6157    310.6901
------------------------------------------------------------------------------

. // Effekt des Familienstands: Total
. qui est restore m1

. margins marstat, post expression(xb()/-_b[inc] + inc)
Predictive margins                              Number of obs     =      1,912
```

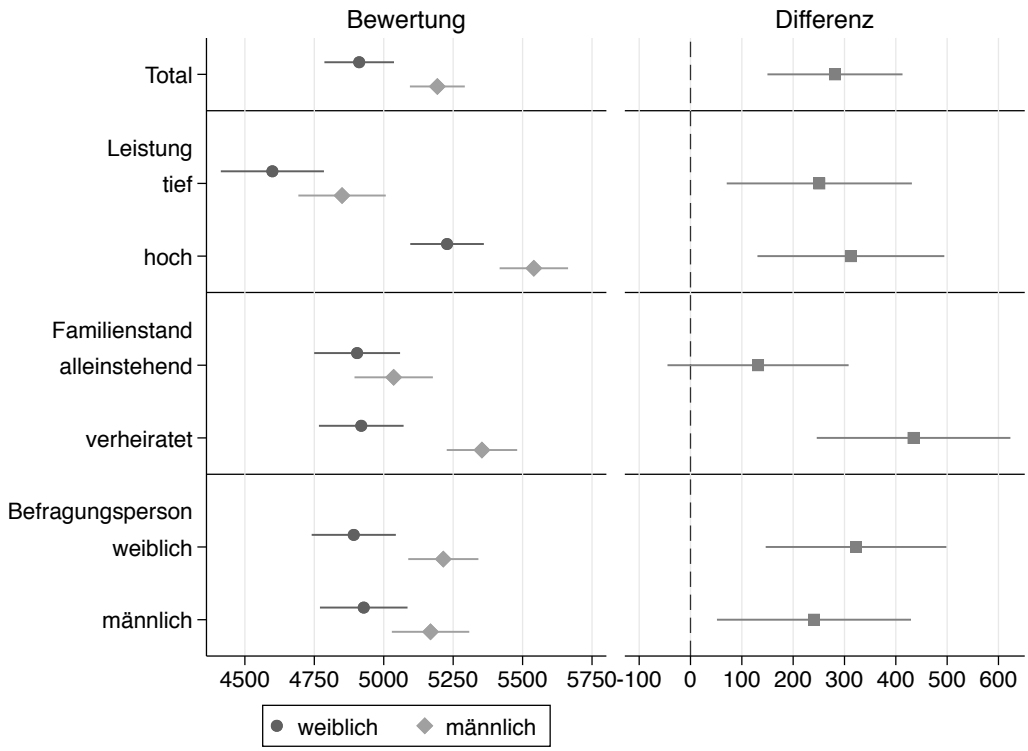
```
Model VCE    : OLS

Expression   : xb()/-_b[inc] + inc

------------------------------------------------------------------------------
                 |            Delta-method
                 |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-----------------+------------------------------------------------------------
        marstat  |
alleinstehend    |    4971.29   60.57838    82.06   0.000     4852.559    5090.021
  verheiratet    |   5139.739   52.80929    97.33   0.000     5036.235    5243.243
------------------------------------------------------------------------------

. lincom _b[1.marstat] - _b[0bn.marstat]

 ( 1)  - 0bn.marstat + 1.marstat = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |    168.449   64.97017     2.59   0.010     41.10981    295.7882
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Familienstand
. qui est restore m1

. margins marstat#sex, post expression(xb()/-_b[inc] + inc)

Predictive margins                              Number of obs     =      1,912
Model VCE    : OLS

Expression   : xb()/-_b[inc] + inc

------------------------------------------------------------------------------
                             |            Delta-method
                             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-----------------------------+------------------------------------------------------------
                     marstat#sex |
alleinstehend#weiblich       |    4904.206   78.90926    62.15   0.000     4749.547    5058.865
alleinstehend#männlich       |    5035.837   71.98712    69.95   0.000     4894.744    5176.929
  verheiratet#weiblich       |    4919.137    77.7712    63.25   0.000     4766.708    5071.566
  verheiratet#männlich       |    5353.683   64.69946    82.75   0.000     5226.875    5480.492
------------------------------------------------------------------------------

. lincom  _b[0bn.marstat#1.sex] - _b[0bn.marstat#0bn.sex]

 ( 1)  - 0bn.marstat#0bn.sex + 0bn.marstat#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   131.6306   90.02142     1.46   0.144    -44.80815    308.0693
------------------------------------------------------------------------------

. lincom _b[1.marstat#1.sex] - _b[1.marstat#0bn.sex]

 ( 1)  - 1.marstat#0bn.sex + 1.marstat#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   434.5461   96.22997     4.52   0.000     245.9389    623.1534
------------------------------------------------------------------------------

. lincom (_b[1.marstat#1.sex] - _b[1.marstat#0bn.sex]) ///
>     - (_b[0bn.marstat#1.sex] - _b[0bn.marstat#0bn.sex])

 ( 1)  0bn.marstat#0bn.sex - 0bn.marstat#1.sex - 1.marstat#0bn.sex + 1.marstat#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   302.9156   129.1557     2.35   0.019     49.77503    556.0561
------------------------------------------------------------------------------

. // Effekt des Geschlechts: Total
. qui est restore m2

. di 1 / _b[inc]
916.45567

. margins p_sex, post expression(xb()/-_b[inc] + inc)

Predictive margins                              Number of obs     =      1,912
```

```
Model VCE    : OLS

Expression   : xb()/-_b[inc] + inc

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       p_sex |
   weiblich  |   5054.901   55.16722    91.63   0.000     4946.775    5163.027
   männlich  |   5049.798   58.57793    86.21   0.000     4934.987    5164.608
------------------------------------------------------------------------------

. lincom _b[0bn.p_sex] - _b[1.p_sex]

 ( 1)  0bn.p_sex - 1.p_sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   5.103566   64.01212     0.08   0.936    -120.3579     130.565
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Geschlecht der befragten Person
. qui est restore m2

. margins p_sex#sex, post expression(xb()/-_b[inc] + inc)

Predictive margins                              Number of obs     =      1,912
Model VCE    : OLS

Expression   : xb()/-_b[inc] + inc

------------------------------------------------------------------------------
                 |            Delta-method
                 |     Margin   Std. Err.      z    P>|z|     [95% Conf. Interval]
-----------------+------------------------------------------------------------
           p_sex#sex |
weiblich#weiblich |   4892.093    77.3403    63.25   0.000     4740.509    5043.677
weiblich#männlich |   5214.578   64.43972    80.92   0.000     5088.279    5340.878
männlich#weiblich |    4928.03   80.45165    61.25   0.000     4770.348    5085.713
männlich#männlich |   5168.581   71.11155    72.68   0.000     5029.205    5307.957
------------------------------------------------------------------------------

. lincom _b[0bn.p_sex#1.sex] - _b[0bn.p_sex#0bn.sex]

 ( 1)  - 0bn.p_sex#0bn.sex + 0bn.p_sex#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   322.4857   89.78368     3.59   0.000     146.5129    498.4584
------------------------------------------------------------------------------

. lincom _b[1.p_sex#1.sex] - _b[1.p_sex#0bn.sex]

 ( 1)  - 1.p_sex#0bn.sex + 1.p_sex#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   240.5504   96.43148     2.49   0.013     51.54819    429.5526
------------------------------------------------------------------------------

. lincom (_b[1.p_sex#1.sex] - _b[1.p_sex#0bn.sex]) ///
>     - (_b[0bn.p_sex#1.sex] - _b[0bn.p_sex#0bn.sex])

 ( 1)  0bn.p_sex#0bn.sex - 0bn.p_sex#1.sex - 1.p_sex#0bn.sex + 1.p_sex#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -81.93525   128.2144    -0.64   0.523    -333.2309    169.3604
------------------------------------------------------------------------------
```

4.3.1 Abbildung

```
. capt prog drop adddiff

. program adddiff
```

```
  1.     tempname b V
  2.     mat `b' = e(b)
  3.     mat coln `b' = "0" "1"
  4.     erepost b=`b', rename
  5.     mat `b' = e(b)
  6.     mat `V' = e(V)
  7.     qui lincom _b[1] - _b[0]
  8.     mat `b' = `b', r(estimate)
  9.     mat coln `b' = "0" "1" "d"
 10.     mat `V' = (`V', J(colsof(`V'), 1, 0)) \ (J(1, rowsof(`V'), 0), r(se)^2)
 11.     erepost b=`b' V=`V', rename
 12. end
. qui est restore m1
. qui margins sex, post expression(xb()/-_b[inc] + inc)
. eststo Total: adddiff
. qui est restore m1
. qui margins 0.effort#sex, post expression(xb()/-_b[inc] + inc)
. eststo effort0: adddiff
. qui est restore m1
. qui margins 1.effort#sex, post expression(xb()/-_b[inc] + inc)
. eststo effort1: adddiff
. qui est restore m1
. qui margins 0.marstat#sex, post expression(xb()/-_b[inc] + inc)
. eststo marstat0: adddiff
. qui est restore m1
. qui margins 1.marstat#sex, post expression(xb()/-_b[inc] + inc)
. eststo marstat1: adddiff
. qui est restore m2
. qui margins 0.p_sex#sex, post expression(xb()/-_b[inc] + inc)
. eststo p_sex0: adddiff
. qui est restore m2
. qui margins 1.p_sex#sex, post expression(xb()/-_b[inc] + inc)
. eststo p_sex1: adddiff
. local models Total effort0 effort1 marstat0 marstat1 p_sex0 p_sex1
. coefplot (`models', keep(0)) (`models', keep(1)) || (`models', keep(d)) ///
>     || , bylabels(Bewertung Differenz) aseq swap norecycle ///
>     byopts(xrescale legend(off)) ytick(1.5 4 6.5, glstyle(foreground)) ///
>     coefl(effort0 = "tief" effort1 = "hoch" marstat0 = "alleinstehend" ///
>         marstat1 = "verheiratet" p_sex0 = "weiblich" p_sex1 = "männlich") ///
>     heading(effort0 = "Leistung" marstat0 = "Familienstand" ///
>             p_sex0 = "Befragungsperson", gap(-.5) offset(0.5))
. addplot 1: , xlabel(4500(250)5750) norescaling legend(order(2 "weiblich" 4 "männlich") on)
. addplot 2: , xlabel(-100(100)600) norescaling legend(off) xline(0)
```



4.3.2 Tabelle zur Abbildung

```
. matrix drop _all
. local est Total effort0 effort1 marstat0 marstat1 p_sex0 p_sex1
. foreach e of local est {
  2.     qui est restore `e'
  3.     forv g = 0/1 {
  4.         mat m`g' = nullmat(m`g'), _b[`g']
  5.         mat s`g' = nullmat(s`g'), _se[`g']
  6.     }
  7.     mat d = nullmat(d), _b[d]
  8.     mat s = nullmat(s), _se[d]
  9.     mat p = nullmat(p), (1-normal(abs(_b[d]/_se[d])))*2
 10. }
. eret post
. foreach m in m0 s0 m1 s1 d s p {
  2.     mat coln `m' = `est'
  3.     qui estadd matrix `m'
  4. }
. esttab . using log/tab3chf.tex, replace ///
>     noobs nonumb nomti collab(none) fragment booktabs varw(30) ///
>     cell((m0(fmt(1)) s0 m1 s1 d(star) s)) ///
>     star(+ 0.10 * 0.05 ** 0.01 *** 0.001) ///
>     coefl(effort0 "-- tief" effort1 "-- hoch" marstat0 "-- alleinstehend" ///
>         marstat1 "-- verheiratet" p_sex0 "-- weiblich" p_sex1  "-- männlich") ///
>     refcat(effort0  "Leistung" marstat0 "Familienstand" p_sex0 "Befragungsperson", nolabel)
(output written to log/tab3chf.tex)
```

	Frauen		Männer		Differenz	
	$\widehat{E}(Y)$	$\hat{\sigma}$	$\widehat{E}(Y)$	$\hat{\sigma}$	Δ	$\hat{\sigma}$
Total	4911.7	63.9	5193.1	50.4	281.4***	67.1
Leistung						
– tief	4599.1	94.7	4850.0	80.3	250.9**	92.0
– hoch	5228.1	67.6	5540.5	62.9	312.5***	92.9
Familienstand						
– alleinstehend	4904.2	78.9	5035.8	72.0	131.6	90.0
– verheiratet	4919.1	77.8	5353.7	64.7	434.5***	96.2
Befragungsperson						
– weiblich	4892.1	77.3	5214.6	64.4	322.5***	89.8
– männlich	4928.0	80.5	5168.6	71.1	240.6*	96.4

$\widehat{E}(Y)$: Durchschnittliche Bewertung; Δ: Differenz zwischen Frauen und Männern; $\hat{\sigma}$: Standardfehler
Differenztests: $^{+}$ $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ (zweiseitig)

4.4 Bereinigte Resultate mit Gewichten

```
. // Survey design
. svyset [pw=wpinitn]

      pweight: wpinitn
          VCE: linearized
  Single unit: missing
     Strata 1: <one>
         SU 1: <observations>
        FPC 1: <zero>

. // Modelle
. svy: regress rating inc i.sex##i.marstat##i.effort, vsquish nofvlabel
(running regress on estimation sample)

Survey: Linear regression

Number of strata   =         1                  Number of obs     =      1,912
Number of PSUs     =     1,912                  Population size   =  6,176,057
                                                Design df         =      1,911
                                                F(   8,   1904)   =      28.28
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1367

------------------------------------------------------------------------------
             |             Linearized
      rating |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         inc |   .0010017   .0000966    10.37   0.000     .0008122    .0011911
       1.sex |  -.1998536    .169149    -1.18   0.238    -.5315896    .1318824
   1.marstat |  -.1249831   .1651426    -0.76   0.449    -.4488617    .1988956
  sex#marstat |
         1 1 |  -.2136129   .2420309    -0.88   0.378    -.6882854    .2610596
    1.effort |   -.711565   .1573059    -4.52   0.000    -1.020074   -.4030557
   sex#effort |
         1 1 |  -.0179504   .2275998    -0.08   0.937    -.4643206    .4284197
 marstat#effort |
         1 1 |   .0027892   .2279812     0.01   0.990     -.444329    .4499075
sex#marstat#effort |
       1 1 1 |   -.104167   .3269742    -0.32   0.750    -.7454307    .5370968
       _cons |  -4.476485   .5425326    -8.25   0.000    -5.540503   -3.412466
------------------------------------------------------------------------------

. eststo m1

. svy: regress rating inc i.sex##i.marstat##i.effort##i.p_sex, vsquish nofvlabel
(running regress on estimation sample)

Survey: Linear regression
```

```
Number of strata   =         1                  Number of obs     =      1,912
Number of PSUs     =     1,912                  Population size   =  6,176,057
                                                Design df         =      1,911
                                                F(  16,   1896)   =      14.44
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1401
```

rating	Coef.	Linearized Std. Err.	t	P>|t|	[95% Conf.	Interval]
inc	.0010065	.0000958	10.51	0.000	.0008186	.0011944
1.sex	-.3144306	.2473511	-1.27	0.204	-.7995371	.1706759
1.marstat	-.196628	.2260384	-0.87	0.384	-.6399359	.2466798
sex#marstat						
1 1	-.1577385	.3431074	-0.46	0.646	-.8306428	.5151658
1.effort	-.726126	.2197213	-3.30	0.001	-1.157045	-.2952072
sex#effort						
1 1	.0377806	.32151	0.12	0.906	-.5927668	.6683279
marstat#effort						
1 1	-.1016997	.3128491	-0.33	0.745	-.7152614	.5118619
sex#marstat#effort						
1 1 1	-.1966888	.4596172	-0.43	0.669	-1.098093	.7047153
1.p_sex	-.2042277	.2286998	-0.89	0.372	-.652755	.2442997
sex#p_sex						
1 1	.2529779	.3307054	0.76	0.444	-.3956034	.9015593
marstat#p_sex						
1 1	.1610571	.3268069	0.49	0.622	-.4798786	.8019929
sex#marstat#p_sex						
1 1 1	-.1362802	.4781203	-0.29	0.776	-1.073973	.8014122
effort#p_sex						
1 1	.0354529	.312138	0.11	0.910	-.576714	.6476199
sex#effort#p_sex						
1 1 1	-.1276625	.4502003	-0.28	0.777	-1.010598	.7552732
marstat#effort#p_sex						
1 1 1	.211017	.4534614	0.47	0.642	-.6783142	1.100348
sex#marstat#effort#p_sex						
1 1 1 1	.2130889	.6468216	0.33	0.742	-1.055462	1.481639
_cons	-4.409869	.5559591	-7.93	0.000	-5.50022	-3.319519

```
. eststo m2

. // Effekt des Geschlechts in der Vignette: Total
. qui est restore m1

. margins sex, post

Predictive margins                              Number of obs     =      1,912
Model VCE    : Linearized

Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
sex						
weiblich	.6114761	.0569719	10.73	0.000	.4997426	.7232097
männlich	.269993	.0586682	4.60	0.000	.1549326	.3850534

```
. lincom _b[0bn.sex] - _b[1.sex]

 ( 1)  0bn.sex - 1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.3414832	.0817536	4.18	0.000	.1811475	.5018188

```
. // Effekt der Leistung: Total
. qui est restore m1

. margins effort, post
```

```
Predictive margins                              Number of obs     =      1,912
Model VCE    : Linearized

Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
effort						
tief	.8106463	.0606124	13.37	0.000	.6917729	.9295197
hoch	.0648325	.0550986	1.18	0.239	-.0432273	.1728922

```
. lincom _b[0bn.effort] - _b[1.effort]

 ( 1)  0bn.effort - 1.effort = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.7458138	.0819173	9.10	0.000	.5851572	.9064705

```
. // Effekt des Geschlechts in der Vignette: nach Leistung
. qui est restore m1

. margins effort#sex, post

Predictive margins                              Number of obs     =      1,912
Model VCE    : Linearized

Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
effort#sex						
tief#weiblich	.9672607	.0825044	11.72	0.000	.8054526	1.129069
tief#männlich	.6608814	.0884489	7.47	0.000	.487415	.8343479
hoch#weiblich	.2570867	.0785893	3.27	0.001	.1029569	.4112165
hoch#männlich	-.1191896	.0772273	-1.54	0.123	-.2706483	.0322691

```
. lincom _b[0bn.effort#0bn.sex] - _b[0bn.effort#1.sex]

 ( 1)  0bn.effort#0bn.sex - 0bn.effort#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.3063793	.1209155	2.53	0.011	.069239	.5435196

```
. lincom _b[1.effort#0bn.sex] - _b[1.effort#1.sex]

 ( 1)  1.effort#0bn.sex - 1.effort#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.3762763	.1101941	3.41	0.001	.160163	.5923896

```
. lincom (_b[1.effort#0bn.sex] - _b[1.effort#1.sex]) ///
>     - (_b[0bn.effort#0bn.sex] - _b[0bn.effort#1.sex])

 ( 1)  - 0bn.effort#0bn.sex + 0bn.effort#1.sex + 1.effort#0bn.sex - 1.effort#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.069897	.1636598	0.43	0.669	-.2510735	.3908676

```
. // Effekt des Familienstands: Total
. qui est restore m1

. margins marstat, post

Predictive margins                              Number of obs     =      1,912
Model VCE    : Linearized
```

```
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
marstat						
alleinstehend	.5660566	.0569329	9.94	0.000	.4543995	.6777137
verheiratet	.3059893	.0587877	5.20	0.000	.1906944	.4212842

```
. lincom _b[0bn.marstat] - _b[1.marstat]
 ( 1)  0bn.marstat - 1.marstat = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.2600673	.081824	3.18	0.002	.0995937	.420541

```
. // Effekt des Geschlechts in der Vignette: nach Familienstand
. qui est restore m1
. margins marstat#sex, post
Predictive margins                              Number of obs     =      1,912
Model VCE    : Linearized
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
marstat#sex						
alleinstehend#weiblich	.6731043	.0786486	8.56	0.000	.5188582	.8273503
alleinstehend#männlich	.4642578	.0821339	5.65	0.000	.3031763	.6253392
verheiratet#weiblich	.5495186	.0825045	6.66	0.000	.3877102	.711327
verheiratet#männlich	.0748731	.0838494	0.89	0.372	-.0895729	.2393191

```
. lincom _b[0bn.marstat#0bn.sex] - _b[0bn.marstat#1.sex]
 ( 1)  0bn.marstat#0bn.sex - 0bn.marstat#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.2088465	.1137124	1.84	0.066	-.014167	.43186

```
. lincom _b[1.marstat#0bn.sex] - _b[1.marstat#1.sex]
 ( 1)  1.marstat#0bn.sex - 1.marstat#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.4746455	.1176702	4.03	0.000	.2438699	.7054211

```
. lincom (_b[1.marstat#0bn.sex] - _b[1.marstat#1.sex]) ///
>     - (_b[0bn.marstat#0bn.sex] - _b[0bn.marstat#1.sex])
 ( 1)  - 0bn.marstat#0bn.sex + 0bn.marstat#1.sex + 1.marstat#0bn.sex - 1.marstat#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.265799	.1637576	1.62	0.105	-.0553634	.5869614

```
. // Effekt des Geschlechts: Total
. qui est restore m2
. margins p_sex, post
Predictive margins                              Number of obs     =      1,912
Model VCE    : Linearized
Expression   : Linear prediction, predict()
```

```
                |            Delta-method
                |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
----------------+----------------------------------------------------------------
          p_sex |
      weiblich  |   .4190191   .0577227     7.26   0.000     .3058131    .5322252
      männlich  |   .4549003   .0569359     7.99   0.000     .3432372    .5665634
------------------------------------------------------------------------------

. lincom _b[0bn.p_sex] - _b[1.p_sex]
 ( 1)  0bn.p_sex - 1.p_sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.0358812   .0810498    -0.44   0.658    -.1948365    .1230741
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Geschlecht der befragten Person
. qui est restore m2

. margins p_sex#sex, post

Predictive margins                              Number of obs     =      1,912
Model VCE    : Linearized

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
                     |            Delta-method
                     |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------------+--------------------------------------------------------------
             p_sex#sex |
weiblich#weiblich    |   .6355147   .0782727     8.12   0.000     .4820058    .7890235
weiblich#männlich    |   .2120467   .0845165     2.51   0.012     .0462925    .3778009
männlich#weiblich    |   .5822598   .0821228     7.09   0.000     .4212001    .7433195
männlich#männlich    |   .3332655   .0789597     4.22   0.000     .1784093    .4881216
------------------------------------------------------------------------------

. lincom _b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex]
 ( 1)  0bn.p_sex#0bn.sex - 0bn.p_sex#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .4234679   .1151387     3.68   0.000     .1976573    .6492786
------------------------------------------------------------------------------

. lincom _b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]
 ( 1)  1.p_sex#0bn.sex - 1.p_sex#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .2489943    .113952     2.19   0.029     .0255109    .4724777
------------------------------------------------------------------------------

. lincom (_b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]) ///
>     - (_b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex])
 ( 1)  - 0bn.p_sex#0bn.sex + 0bn.p_sex#1.sex + 1.p_sex#0bn.sex - 1.p_sex#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1744736   .1620011    -1.08   0.282    -.4921913     .143244
------------------------------------------------------------------------------
```

4.5 Bereinigte Resultate: nur Deutschschweiz

```
. // Auswahl
. drop if inlist(nbfssprachreg,2,3)
(409 observations deleted)

. // Modelle
. regress rating inc i.sex##i.marstat##i.effort, vsquish nofvlabel
```

Source	SS	df	MS			
				Number of obs	=	1,503
				F(8, 1494)	=	32.29
Model	577.303452	8	72.1629315	Prob > F	=	0.0000
Residual	3338.8865	1,494	2.23486379	R-squared	=	0.1474
				Adj R-squared	=	0.1428
Total	3916.18995	1,502	2.60731688	Root MSE	=	1.4949

rating	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
inc	.0011008	.0000937	11.75	0.000	.000917	.0012846
1.sex	-.0177117	.1522029	-0.12	0.907	-.3162658	.2808424
1.marstat	.0224358	.1538125	0.15	0.884	-.2792756	.3241472
sex#marstat						
1 1	-.3714831	.2175348	-1.71	0.088	-.7981891	.055223
1.effort	-.6302967	.1540429	-4.09	0.000	-.9324601	-.3281334
sex#effort						
1 1	-.2520476	.2161842	-1.17	0.244	-.6761045	.1720092
marstat#effort						
1 1	-.1083358	.2189736	-0.49	0.621	-.5378642	.3211926
sex#marstat#effort						
1 1 1	.1947366	.3085838	0.63	0.528	-.410567	.8000402
_cons	-5.084374	.5277127	-9.63	0.000	-6.119511	-4.049238

```
. eststo m1
. regress rating inc i.sex##i.marstat##i.effort##i.p_sex, vsquish nofvlabel
```

Source	SS	df	MS			
				Number of obs	=	1,503
				F(16, 1486)	=	16.28
Model	583.982392	16	36.4988995	Prob > F	=	0.0000
Residual	3332.20756	1,486	2.24240078	R-squared	=	0.1491
				Adj R-squared	=	0.1400
Total	3916.18995	1,502	2.60731688	Root MSE	=	1.4975

rating	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
inc	.0010992	.0000939	11.71	0.000	.000915	.0012834
1.sex	-.0552669	.2060612	-0.27	0.789	-.4594687	.348935
1.marstat	.0962231	.2134051	0.45	0.652	-.3223841	.5148303
sex#marstat						
1 1	-.4517979	.2981986	-1.52	0.130	-1.036733	.1331371
1.effort	-.5096491	.2128595	-2.39	0.017	-.9271861	-.092112
sex#effort						
1 1	-.2640029	.2931416	-0.90	0.368	-.8390183	.3110126
marstat#effort						
1 1	-.3177694	.2977103	-1.07	0.286	-.9017465	.2662076
sex#marstat#effort						
1 1 1	.3335644	.4178062	0.80	0.425	-.4859881	1.153117
1.p_sex	.0877489	.2163326	0.41	0.685	-.3366008	.5120987
sex#p_sex						
1 1	.1004771	.3068839	0.33	0.743	-.5014945	.7024488
marstat#p_sex						
1 1	-.1541463	.3084127	-0.50	0.617	-.7591168	.4508242
sex#marstat#p_sex						
1 1 1	.145872	.4374033	0.33	0.739	-.7121215	1.003866
effort#p_sex						
1 1	-.2549998	.3089662	-0.83	0.409	-.8610561	.3510564
sex#effort#p_sex						
1 1 1	.00083	.4352804	0.00	0.998	-.8529994	.8546594
marstat#effort#p_sex						
1 1 1	.4662315	.441792	1.06	0.291	-.4003707	1.332834
sex#marstat#effort#p_sex						
1 1 1 1	-.284268	.6223563	-0.46	0.648	-1.505058	.9365223
_cons	-5.117472	.5395433	-9.48	0.000	-6.175819	-4.059124

```
. eststo m2
. // Effekt des Geschlechts in der Vignette: Total
. qui est restore m1
```

```
. margins sex, post

Predictive margins                              Number of obs     =      1,503
Model VCE    : OLS

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         sex |
   weiblich  |   .6332721   .0547379    11.57   0.000     .5259009    .7406434
   männlich  |    .355684   .0543385     6.55   0.000     .2490962    .4622719
------------------------------------------------------------------------------

. lincom _b[0bn.sex] - _b[1.sex]

 ( 1)  0bn.sex - 1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .2775881   .0771294     3.60   0.000     .1262948    .4288815
------------------------------------------------------------------------------

. // Effekt der Leistung: Total
. qui est restore m1

. margins effort, post

Predictive margins                              Number of obs     =      1,503
Model VCE    : OLS

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
      effort |
       tief  |   .8731107   .0543725    16.06   0.000     .7664561    .9797653
       hoch  |   .1104251   .0546991     2.02   0.044     .0031298    .2177204
------------------------------------------------------------------------------

. lincom _b[0bn.effort] - _b[1.effort]

 ( 1)  0bn.effort - 1.effort = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .7626856   .0771257     9.89   0.000     .6113994    .9139718
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Leistung
. qui est restore m1

. margins effort#sex, post

Predictive margins                              Number of obs     =      1,503
Model VCE    : OLS

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
    effort#sex |
tief#weiblich |   .9729866   .0768995    12.65   0.000     .8221442    1.123829
tief#männlich |   .7731173   .0769027    10.05   0.000     .6222685     .923966
hoch#weiblich |   .2895672   .0779486     3.71   0.000     .1366669    .4424675
hoch#männlich |  -.0668602    .076807    -0.87   0.384    -.2175211    .0838007
------------------------------------------------------------------------------

. lincom _b[0bn.effort#0bn.sex] - _b[0bn.effort#1.sex]

 ( 1)  0bn.effort#0bn.sex - 0bn.effort#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
```

```
         (1)  |   .1998694   .1087661     1.84   0.066    -.0134811    .4132198
------------------------------------------------------------------------------

. lincom _b[1.effort#0bn.sex] - _b[1.effort#1.sex]
 ( 1)  1.effort#0bn.sex - 1.effort#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .3564274   .1094491     3.26   0.001     .1417371    .5711177
------------------------------------------------------------------------------

. lincom (_b[1.effort#0bn.sex] - _b[1.effort#1.sex]) ///
>     - (_b[0bn.effort#0bn.sex] - _b[0bn.effort#1.sex])
 ( 1)  - 0bn.effort#0bn.sex + 0bn.effort#1.sex + 1.effort#0bn.sex - 1.effort#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |    .156558   .1543423     1.01   0.311    -.1461927    .4593087
------------------------------------------------------------------------------

. // Effekt des Familienstands: Total
. qui est restore m1

. margins marstat, post

Predictive margins                              Number of obs     =      1,503
Model VCE    : OLS

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
     marstat |
alleinstehend|   .5762464   .0540211    10.67   0.000     .4702811    .6822117
  verheiratet|   .4068429   .0550741     7.39   0.000     .2988122    .5148737
------------------------------------------------------------------------------

. lincom _b[0bn.marstat] - _b[1.marstat]
 ( 1)  0bn.marstat - 1.marstat = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .1694034   .0771518     2.20   0.028     .0180661    .3207408
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Familienstand
. qui est restore m1

. margins marstat#sex, post

Predictive margins                              Number of obs     =      1,503
Model VCE    : OLS

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
                             |            Delta-method
                             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-----------------------------+------------------------------------------------------------------
                     marstat#sex |
alleinstehend#weiblich       |   .6487239   .0770009     8.42   0.000     .4976827    .7997652
alleinstehend#männlich       |   .5057431   .0758051     6.67   0.000     .3570474    .6544387
  verheiratet#weiblich       |   .6173162   .0778272     7.93   0.000      .464654    .7699784
  verheiratet#männlich       |   .1996375   .0779342     2.56   0.011     .0467655    .3525096
------------------------------------------------------------------------------

. lincom _b[0bn.marstat#0bn.sex] - _b[0bn.marstat#1.sex]
 ( 1)  0bn.marstat#0bn.sex - 0bn.marstat#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .1429809   .1080499     1.32   0.186    -.0689647    .3549265
------------------------------------------------------------------------------
```

```
. lincom _b[1.marstat#0bn.sex] - _b[1.marstat#1.sex]
 ( 1)  1.marstat#0bn.sex - 1.marstat#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .4176787   .1101353     3.79   0.000     .2016424    .6337149
------------------------------------------------------------------------------

. lincom (_b[1.marstat#0bn.sex] - _b[1.marstat#1.sex]) ///
>     - (_b[0bn.marstat#0bn.sex] - _b[0bn.marstat#1.sex])
 ( 1)  - 0bn.marstat#0bn.sex + 0bn.marstat#1.sex + 1.marstat#0bn.sex - 1.marstat#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .2746978   .1542873     1.78   0.075     -.027945    .5773405
------------------------------------------------------------------------------

. // Effekt des Geschlechts: Total
. qui est restore m2

. margins p_sex, post

Predictive margins                              Number of obs     =      1,503
Model VCE    : OLS

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
             |            Delta-method
             |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       p_sex |
   weiblich  |   .4720725   .0522098     9.04   0.000     .3696598    .5744852
   männlich  |   .5230733   .0576402     9.07   0.000     .4100084    .6361382
------------------------------------------------------------------------------

. lincom _b[0bn.p_sex] - _b[1.p_sex]
 ( 1)  0bn.p_sex - 1.p_sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.0510008   .0777749    -0.66   0.512     -.203561    .1015594
------------------------------------------------------------------------------

. // Effekt des Geschlechts in der Vignette: nach Geschlecht der befragten Person
. qui est restore m2

. margins p_sex#sex, post

Predictive margins                              Number of obs     =      1,503
Model VCE    : OLS

Expression   : Linear prediction, predict()

------------------------------------------------------------------------------
                     |            Delta-method
                     |     Margin   Std. Err.      t    P>|t|     [95% Conf. Interval]
---------------------+--------------------------------------------------------------
             p_sex#sex |
weiblich#weiblich    |     .636264   .0744832     8.54   0.000     .4901607    .7823674
weiblich#männlich    |    .3096951   .0732258     4.23   0.000     .1660582    .4533319
männlich#weiblich    |    .6355341   .0814876     7.80   0.000     .4756912     .795377
männlich#männlich    |    .4119714   .0815176     5.05   0.000     .2520696    .5718732
------------------------------------------------------------------------------

. lincom _b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex]
 ( 1)  0bn.p_sex#0bn.sex - 0bn.p_sex#1.sex = 0

------------------------------------------------------------------------------
             |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |    .326569   .1044472     3.13   0.002     .1216893    .5314486
------------------------------------------------------------------------------

. lincom _b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]
 ( 1)  1.p_sex#0bn.sex - 1.p_sex#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.2235627	.1152611	1.94	0.053	-.0025291	.4496545

```
. lincom (_b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]) ///
>     - (_b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex])
 ( 1)  - 0bn.p_sex#0bn.sex + 0bn.p_sex#1.sex + 1.p_sex#0bn.sex - 1.p_sex#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.1030063	.1555483	-0.66	0.508	-.408124	.2021114

4.6 Bereinigte Resultate mit Gewichten: nur Deutschschweiz

```
. // Modelle
. svy: regress rating inc i.sex##i.marstat##i.effort, vsquish nofvlabel
(running regress on estimation sample)

Survey: Linear regression

Number of strata   =         1                  Number of obs     =      1,503
Number of PSUs     =     1,503                  Population size   =  4,460,705
                                                Design df         =      1,502
                                                F(   8,   1495)   =      22.42
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1351
```

rating	Coef.	Linearized Std. Err.	t	P>|t|	[95% Conf.	Interval]
inc	.000976	.0001129	8.64	0.000	.0007546	.0011975
1.sex	-.123433	.1983512	-0.62	0.534	-.5125077	.2656418
1.marstat	-.0339493	.1781738	-0.19	0.849	-.3834452	.3155466
sex#marstat						
1 1	-.2986327	.284306	-1.05	0.294	-.8563116	.2590462
1.effort	-.6357951	.1804234	-3.52	0.000	-.9897038	-.2818865
sex#effort						
1 1	-.1553181	.262873	-0.59	0.555	-.6709553	.3603191
marstat#effort						
1 1	-.1387302	.253976	-0.55	0.585	-.6369155	.3594551
sex#marstat#effort						
1 1 1	.1125374	.3739045	0.30	0.763	-.620893	.8459679
_cons	-4.353537	.6364677	-6.84	0.000	-5.601997	-3.105077

```
. eststo m1

. svy: regress rating inc i.sex##i.marstat##i.effort##i.p_sex, vsquish nofvlabel
(running regress on estimation sample)

Survey: Linear regression

Number of strata   =         1                  Number of obs     =      1,503
Number of PSUs     =     1,503                  Population size   =  4,460,705
                                                Design df         =      1,502
                                                F(  16,   1487)   =      11.71
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1388
```

rating	Coef.	Linearized Std. Err.	t	P>|t|	[95% Conf.	Interval]
inc	.0009758	.0001119	8.72	0.000	.0007563	.0011952
1.sex	-.3030917	.2987105	-1.01	0.310	-.8890256	.2828423
1.marstat	-.1339043	.2471702	-0.54	0.588	-.6187396	.3509311
sex#marstat						

1 1	-.1037053	.4122315	-0.25	0.801	-.9123159	.7049052
1.effort	-.5975203	.2586516	-2.31	0.021	-1.104877	-.0901636
sex#effort						
1 1	-.0338824	.3730024	-0.09	0.928	-.7655433	.6977785
marstat#effort						
1 1	-.1438008	.3428621	-0.42	0.675	-.8163402	.5287386
sex#marstat#effort						
1 1 1	-.1591857	.5210115	-0.31	0.760	-1.181173	.8628016
1.p_sex	-.0790686	.255159	-0.31	0.757	-.5795743	.4214371
sex#p_sex						
1 1	.4174682	.3818448	1.09	0.274	-.3315374	1.166474
marstat#p_sex						
1 1	.1996417	.35221	0.57	0.571	-.491234	.8905175
sex#marstat#p_sex						
1 1 1	-.4496744	.557906	-0.81	0.420	-1.544032	.6446831
effort#p_sex						
1 1	-.0817483	.359103	-0.23	0.820	-.7861448	.6226482
sex#effort#p_sex						
1 1 1	-.2961368	.51717	-0.57	0.567	-1.310589	.7183152
marstat#effort#p_sex						
1 1 1	.0275484	.5080336	0.05	0.957	-.9689822	1.024079
sex#marstat#effort#p_sex						
1 1 1 1	.6289167	.7394035	0.85	0.395	-.8214562	2.07929
_cons	-4.314181	.6507652	-6.63	0.000	-5.590686	-3.037676

```
. eststo m2

. // Effekt des Geschlechts in der Vignette: Total
. qui est restore m1

. margins sex, post

Predictive margins                              Number of obs     =      1,503
Model VCE    : Linearized

Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
sex						
weiblich	.6368612	.063518	10.03	0.000	.5122678	.7614547
männlich	.3167715	.0686807	4.61	0.000	.1820513	.4514917

```
. lincom _b[0bn.sex] - _b[1.sex]

 ( 1)  0bn.sex - 1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.3200897	.0935276	3.42	0.001	.1366312	.5035483

```
. // Effekt der Leistung: Total
. qui est restore m1

. margins effort, post

Predictive margins                              Number of obs     =      1,503
Model VCE    : Linearized

Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
effort						
tief	.8487897	.071443	11.88	0.000	.7086511	.9889283
hoch	.093727	.060637	1.55	0.122	-.0252152	.2126692

```
. lincom _b[0bn.effort] - _b[1.effort]

 ( 1)  0bn.effort - 1.effort = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.7550627	.0937193	8.06	0.000	.5712281	.9388974

```
. // Effekt des Geschlechts in der Vignette: nach Leistung
. qui est restore m1

. margins effort#sex, post

Predictive margins                              Number of obs     =      1,503
Model VCE    : Linearized

Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
effort#sex						
tief#weiblich	.9871926	.0891491	11.07	0.000	.8123227	1.162062
tief#männlich	.716929	.1106396	6.48	0.000	.4999044	.9339536
hoch#weiblich	.2831871	.0905244	3.13	0.002	.1056194	.4607549
hoch#männlich	-.0870626	.0811715	-1.07	0.284	-.2462841	.0721589

```
. lincom _b[0bn.effort#0bn.sex] - _b[0bn.effort#1.sex]

 ( 1)  0bn.effort#0bn.sex - 0bn.effort#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.2702636	.1420351	1.90	0.057	-.0083446	.5488718

```
. lincom _b[1.effort#0bn.sex] - _b[1.effort#1.sex]

 ( 1)  1.effort#0bn.sex - 1.effort#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.3702497	.1216182	3.04	0.002	.1316902	.6088093

```
. lincom (_b[1.effort#0bn.sex] - _b[1.effort#1.sex]) ///
>     - (_b[0bn.effort#0bn.sex] - _b[0bn.effort#1.sex])

 ( 1)  - 0bn.effort#0bn.sex + 0bn.effort#1.sex + 1.effort#0bn.sex - 1.effort#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.0999861	.1870615	0.53	0.593	-.2669434	.4669156

```
. // Effekt des Familienstands: Total
. qui est restore m1

. margins marstat, post

Predictive margins                              Number of obs     =      1,503
Model VCE    : Linearized

Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
marstat						
alleinstehend	.5843176	.0657257	8.89	0.000	.4553936	.7132415
verheiratet	.3575792	.0666127	5.37	0.000	.2269153	.488243

```
. lincom _b[0bn.marstat] - _b[1.marstat]

 ( 1)  0bn.marstat - 1.marstat = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]

```
| (1)  | .2267384  .0935764   2.42  0.016   .0431841   .4102927 |
```

```
. // Effekt des Geschlechts in der Vignette: nach Familienstand
. qui est restore m1

. margins marstat#sex, post

Predictive margins                              Number of obs     =      1,503
Model VCE    : Linearized

Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
marstat#sex						
alleinstehend#weiblich	.6874298	.0902614	7.62	0.000	.5103781	.8644815
alleinstehend#männlich	.4866902	.0955368	5.09	0.000	.2992906	.6740899
verheiratet#weiblich	.5844302	.0893976	6.54	0.000	.4090728	.7597877
verheiratet#männlich	.1410714	.0988099	1.43	0.154	-.0527488	.3348915

```
. lincom _b[0bn.marstat#0bn.sex] - _b[0bn.marstat#1.sex]

 ( 1)  0bn.marstat#0bn.sex - 0bn.marstat#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.2007396	.1314429	1.53	0.127	-.0570916	.4585707

```
. lincom _b[1.marstat#0bn.sex] - _b[1.marstat#1.sex]

 ( 1)  1.marstat#0bn.sex - 1.marstat#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.4433589	.1332579	3.33	0.001	.1819676	.7047502

```
. lincom (_b[1.marstat#0bn.sex] - _b[1.marstat#1.sex]) ///
>     - (_b[0bn.marstat#0bn.sex] - _b[0bn.marstat#1.sex])

 ( 1)  - 0bn.marstat#0bn.sex + 0bn.marstat#1.sex + 1.marstat#0bn.sex - 1.marstat#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.2426193	.187286	1.30	0.195	-.1247505	.6099891

```
. // Effekt des Geschlechts: Total
. qui est restore m2

. margins p_sex, post

Predictive margins                              Number of obs     =      1,503
Model VCE    : Linearized

Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_sex						
weiblich	.4333283	.0654507	6.62	0.000	.3049439	.5617128
männlich	.521927	.0655369	7.96	0.000	.3933733	.6504806

```
. lincom _b[0bn.p_sex] - _b[1.p_sex]

 ( 1)  0bn.p_sex - 1.p_sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.0885986	.0926218	-0.96	0.339	-.2702804	.0930832

```
. // Effekt des Geschlechts in der Vignette: nach Geschlecht der befragten Person
. qui est restore m2
. margins p_sex#sex, post
Predictive margins                              Number of obs     =      1,503
Model VCE    : Linearized
Expression   : Linear prediction, predict()
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_sex#sex						
weiblich#weiblich	.6433357	.0860089	7.48	0.000	.4746254	.8120459
weiblich#männlich	.2335187	.0983359	2.37	0.018	.0406284	.426409
männlich#weiblich	.6284645	.0935857	6.72	0.000	.4448921	.812037
männlich#männlich	.4212002	.0920508	4.58	0.000	.2406386	.6017619

```
. lincom _b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex]
 ( 1)  0bn.p_sex#0bn.sex - 0bn.p_sex#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.409817	.1305295	3.14	0.002	.1537776	.6658564

```
. lincom _b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]
 ( 1)  1.p_sex#0bn.sex - 1.p_sex#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	.2072643	.1312554	1.58	0.115	-.0501991	.4647277

```
. lincom (_b[1.p_sex#0bn.sex] - _b[1.p_sex#1.sex]) ///
>     - (_b[0bn.p_sex#0bn.sex] - _b[0bn.p_sex#1.sex])
 ( 1)  - 0bn.p_sex#0bn.sex + 0bn.p_sex#1.sex + 1.p_sex#0bn.sex - 1.p_sex#1.sex = 0
```

	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
(1)	-.2025526	.1850003	-1.09	0.274	-.565439	.1603337

5 Effekte von Personenmerkmalen auf den "Wage Gap"

```
. clear all
. // Experiment 1
. use "../Survey 2001/daten/gerecht2001"
. qui mvdecode _all, mv(-9/-6)
. // - Vignetten
. gen byte rating = f11         if inrange(f11,-5,5)
(7 missing values generated)
. gen byte sex    = f11sex==1   if inlist(f11sex,0,1)
. gen byte need   = f11bed==1   if inlist(f11bed,0,1)
. gen byte effort = f11leist==1 if inlist(f11leist,0,1)
. lab def sex 0 "weiblich" 1 "männlich"
. lab val sex sex
. lab def hilo 0 "tief" 1 "hoch"
. lab val need effort hilo
. drop if rating>=.
```

```
(7 observations deleted)
. // - Geschlecht
. gen p_sex = 2-f36 if f36<.
(4 missing values generated)
. lab val p_sex sex
. // - Alter (Variable: alter)
. gen p_age = alter/10 if alter<.
(7 missing values generated)
. // - Bildungsjahre
. gen double p_educ = f42 if f42<.
(9 missing values generated)
. recode p_educ 1=9 2=10.5 3=12 4=12 5=15 6=18 7=9
(p_educ: 520 changes made)
. // - Haushaltsäquivalenzeinkommen
. gen double p_inc = f53 if f53<.
(69 missing values generated)
. recode p_inc 1=500 2=1500 3=2500 4=3500 5=4500 /*
>     */ 6=5500 7=6500 8=7500 9=8500 10=9500 11=11000 /*
>     */ 12=13000 13=15000 14=17000 15=19000 16=21000
(p_inc: 460 changes made)
. replace p_inc = p_inc/sqrt(f54a)/1000
(460 real changes made, 1 to missing)
. // - politische Einstellung
. gen p_rechts = f45 if f45<.
(22 missing values generated)
. // - Effekte auf den Wage Gap
. qui regress rating i.sex##i.need##i.effort##i.p_sex
. margins, dydx(p_sex)
Average marginal effects                        Number of obs     =        525
Model VCE    : OLS
Expression   : Linear prediction, predict()
dy/dx w.r.t. : 1.p_sex
```

	dy/dx	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_sex						
männlich	.0579211	.1527556	0.38	0.705	-.2421879	.3580301

```
Note: dy/dx for factor levels is the discrete change from the base level.
. margins a.sex, dydx(p_sex) post
Contrasts of average marginal effects
Model VCE    : OLS
Expression   : Linear prediction, predict()
dy/dx w.r.t. : 1.p_sex
```

	df	F	P>F
0b.p_sex			
sex	(not testable)		
1.p_sex			
sex	1	1.19	0.2758
Denominator	509		

	Contrast	Delta-method Std. Err.	[95% Conf.	Interval]
0.p_sex	(base outcome)			

```
1.p_sex
                    sex
(weiblich vs männlich)    .3349319   .3069815     -.2681748    .9380386
```

```
Note: dy/dx for factor levels is the discrete change from the base level.
. local coln p_sex
. mat b = _b[1.p_sex:a0vs1.sex]
. mat se = _se[1.p_sex:a0vs1.sex]
. mat n = el(e(_N),1,4)
. foreach v in p_age p_educ p_inc p_rechts {
  2.     qui regress rating i.sex##i.need##i.effort##c.`v'
  3.     local coln `coln' `v'
  4.     margins, dydx(`v')
  5.     margins a.sex, dydx(`v') post
  6.     mat b = nullmat(b), _b[a0vs1.sex]
  7.     mat se = nullmat(se), _se[a0vs1.sex]
  8.     mat n = nullmat(n), el(e(_N),1,2)
  9. }
Average marginal effects                        Number of obs     =        522
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_age
```

	dy/dx	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_age	.1276893	.0494096	2.58	0.010	.0306162	.2247625

```
Contrasts of average marginal effects
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_age
```

	df	F	P>F
p_age			
sex	1	0.86	0.3530
Denominator	506		

	Contrast dy/dx	Delta-method Std. Err.	[95% Conf.	Interval]
p_age				
sex (weiblich vs männlich)	.0923203	.099304	-.1027787	.2874193

```
Average marginal effects                        Number of obs     =        520
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_educ
```

	dy/dx	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_educ	.0170364	.0289573	0.59	0.557	-.0398554	.0739282

```
Contrasts of average marginal effects
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_educ
```

	df	F	P>F
p_educ			
sex	1	6.29	0.0125
Denominator	504		

	Contrast	Delta-method Std. Err.	[95% Conf.	Interval]
p_educ				
sex				
(weiblich vs männlich)	-.1464909	.0584322	-.2612916	-.0316903

Average marginal effects Number of obs = 459
Model VCE : OLS

Expression : Linear prediction, predict()
dy/dx w.r.t. : p_inc

	dy/dx	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_inc	-.0167022	.0295949	-0.56	0.573	-.0748661	.0414616

Contrasts of average marginal effects
Model VCE : OLS

Expression : Linear prediction, predict()
dy/dx w.r.t. : p_inc

	df	F	P>F
p_inc			
sex	1	0.78	0.3768
Denominator	443		

	Contrast	Delta-method Std. Err.	[95% Conf.	Interval]
p_inc				
sex				
(weiblich vs männlich)	-.0526377	.0594989	-.1695728	.0642975

Average marginal effects Number of obs = 507
Model VCE : OLS

Expression : Linear prediction, predict()
dy/dx w.r.t. : p_rechts

	dy/dx	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_rechts	.1602613	.0424895	3.77	0.000	.0767778	.2437449

Contrasts of average marginal effects
Model VCE : OLS

Expression : Linear prediction, predict()
dy/dx w.r.t. : p_rechts

	df	F	P>F
p_rechts			

```
         sex |          1        4.68     0.0309
 Denominator |        491
-------------------------------------------------
```

```
-----------------------------------------------------------------------------
                            |   Contrast Delta-method
                            |      dy/dx   Std. Err.     [95% Conf. Interval]
----------------------------+------------------------------------------------
p_rechts                    |
                        sex |
(weiblich vs männlich)      |   .1836775   .0848682      .0169279    .3504271
-----------------------------------------------------------------------------
```

```
. mat coln b = `coln'
. mat coln se = `coln'
. mat coln n = `coln'
. eret post b
. qui estadd mat se
. qui estadd mat n
. eststo ex1
. // Experiment 2
. use "../Survey 2006/daten/income06", clear
. // - Vignetten
. gen byte rating = q04        if inrange(q04,-5,5)
(6 missing values generated)
. gen byte sex    = q04sex==2  if q04sex<.
. gen byte job    = q04job     if q04job<.
. gen byte name   = q04name==1 if q04name<.
. gen int  inc    = q04inc     if q04inc<.
. lab def sex 0 "weiblich" 1 "männlich"
. lab val sex sex
. label def job 1 "JournalistIn" 2 "KrankenpflegerIn" 3 "SchreinerIn"
. label val job job
. label def name 0 "schweizerisch" 1 "ausländisch"
. label val name name
. drop if rating>=.
(6 observations deleted)
. // - Geschlecht
. gen byte p_sex = q05==1 if inlist(q05,1,2)
(1 missing value generated)
. lab val p_sex sex
. // - Alter (Variable: alter)
. gen p_age = (106-q06)/10 if q06<.
. // - Bildungsjahre
. gen p_educ = q09 if q09<.
(3 missing values generated)
. recode p_educ 1=9 2=10.5 3=10.5 4=10.5 5=10.5 6=12 7=10.5 8=10.5 9=12 10=12 11=15 12=18 13=9
(p_educ: 362 changes made)
. // - Persönliches Einkommen
. gen double p_inc = q12 if q12<.
(8 missing values generated)
. recode p_inc 1=500 2=1500 3=2500 4=4000 5=6000 6=8000 7=12500 8=17000
(p_inc: 334 changes made)
. replace p_inc = p_inc/1000
(334 real changes made)
. // - politische Einstellung
. gen p_rechts = q08 if q08<.
(15 missing values generated)
. // - Effekte auf den Wage Gap
```

```
. qui regress rating inc i.sex##i.job##i.name##i.p_sex

. margins, dydx(p_sex)

Average marginal effects                        Number of obs     =        364
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : 1.p_sex

------------------------------------------------------------------------------
             |            Delta-method
             |      dy/dx   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       p_sex |
   männlich  |   .2124406   .1750038     1.21   0.226    -.1317895    .5566708
------------------------------------------------------------------------------
Note: dy/dx for factor levels is the discrete change from the base level.

. margins a.sex, dydx(p_sex) post

Contrasts of average marginal effects
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : 1.p_sex

------------------------------------------------
             |         df           F        P>F
-------------+----------------------------------
0b.p_sex     |
         sex |  (not testable)
-------------+----------------------------------
1.p_sex      |
         sex |          1        0.00     0.9844
             |
 Denominator |        339
------------------------------------------------

------------------------------------------------------------------------------
                             |   Contrast Delta-method
                             |      dy/dx   Std. Err.     [95% Conf. Interval]
-----------------------------+------------------------------------------------
0.p_sex                      |  (base outcome)
-----------------------------+------------------------------------------------
1.p_sex                      |
                         sex |
(weiblich vs männlich)       |  -.0068512   .3511443     -.6975473     .683845
------------------------------------------------------------------------------
Note: dy/dx for factor levels is the discrete change from the base level.

. local coln p_sex

. mat b = _b[1.p_sex:a0vs1.sex]

. mat se = _se[1.p_sex:a0vs1.sex]

. mat n = el(e(_N),1,4)

. foreach v in p_age p_educ p_inc p_rechts {
  2.     qui regress rating inc i.sex##i.job##i.name##c.`v'
  3.     local coln `coln' `v'
  4.     margins, dydx(`v')
  5.     margins a.sex, dydx(`v') post
  6.     mat b = nullmat(b), _b[a0vs1.sex]
  7.     mat se = nullmat(se), _se[a0vs1.sex]
  8.     mat n = nullmat(n), el(e(_N),1,2)
  9. }

Average marginal effects                        Number of obs     =        365
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_age

------------------------------------------------------------------------------
             |            Delta-method
             |      dy/dx   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       p_age |   .0536629   .0530338     1.01   0.312    -.0506528    .1579786
```

Contrasts of average marginal effects
Model VCE : OLS

Expression : Linear prediction, predict()
dy/dx w.r.t. : p_age

	df	F	P>F
p_age			
sex	1	0.04	0.8382
Denominator	340		

	Contrast dy/dx	Delta-method Std. Err.	[95% Conf.	Interval]
p_age				
sex				
(weiblich vs männlich)	.0216323	.1058722	-.1866147	.2298794

Average marginal effects Number of obs = 362
Model VCE : OLS

Expression : Linear prediction, predict()
dy/dx w.r.t. : p_educ

	dy/dx	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_educ	-.0283453	.0399808	-0.71	0.479	-.1069887	.0502981

Contrasts of average marginal effects
Model VCE : OLS

Expression : Linear prediction, predict()
dy/dx w.r.t. : p_educ

	df	F	P>F
p_educ			
sex	1	4.18	0.0417
Denominator	337		

	Contrast dy/dx	Delta-method Std. Err.	[95% Conf.	Interval]
p_educ				
sex				
(weiblich vs männlich)	-.164341	.0804001	-.3224903	-.0061917

Average marginal effects Number of obs = 357
Model VCE : OLS

Expression : Linear prediction, predict()
dy/dx w.r.t. : p_inc

	dy/dx	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_inc	-.0692403	.0267973	-2.58	0.010	-.1219543	-.0165263

Contrasts of average marginal effects
Model VCE : OLS

```
Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_inc
```

	df	F	P>F
p_inc			
sex	1	1.05	0.3053
Denominator	332		

	Contrast dy/dx	Delta-method Std. Err.	[95% Conf.	Interval]
p_inc				
sex				
(weiblich vs männlich)	.0557554	.0543074	-.0510747	.1625854

```
Average marginal effects                        Number of obs     =        350
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_rechts
```

	dy/dx	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_rechts	.1883489	.0544347	3.46	0.001	.0812602	.2954377

```
Contrasts of average marginal effects
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_rechts
```

	df	F	P>F
p_rechts			
sex	1	0.33	0.5665
Denominator	325		

	Contrast dy/dx	Delta-method Std. Err.	[95% Conf.	Interval]
p_rechts				
sex				
(weiblich vs männlich)	.0625908	.1090712	-.1519838	.2771654

```
. mat coln b = `coln'
. mat coln se = `coln'
. mat coln n = `coln'
. eret post b
. qui estadd mat se
. qui estadd mat n
. eststo ex2
. // Experiment 3
. use "../Survey 2010/daten20180509/Data_vorPlausi_EXTERNE", clear
. // - Vignetten
. gen rating       = nvurteil if nvurteil<.
(1,457 missing values generated)
. gen byte sex     = 1 - nvfrau if nvfrau<.
(1,412 missing values generated)
```

```
. gen byte marstat = nvverh if nvverh<.
(1,412 missing values generated)

. gen byte effort  = nvleistung if nvleistung<.
(1,412 missing values generated)

. gen int inc      = nvlohn if nvlohn<.
(1,412 missing values generated)

. lab def sex 0 "weiblich" 1 "männlich"

. lab val sex sex

. lab def marstat 0 "alleinstehend" 1 "verheiratet"

. lab val marstat marstat

. lab def effort 0 "tief" 1 "hoch"

. lab val effort effort

. drop if rating>=.
(1,457 observations deleted)

. // - Geschlecht
. gen byte p_sex = 1 - nfrau if nfrau<.

. lab val p_sex sex

. // - Alter (Variable: alter)
. gen p_age = (110-njahrgang)/10 if njahrgang<.

. // - Bildungsjahre
. gen p_educ = neduc if neduc<.
(13 missing values generated)

. recode p_educ 1=9 2=9 3=10.5 4=12 5=12 6=15 7=18
(p_educ: 1899 changes made)

. // - Haushaltsäquivalenzeinkommen
. gen p_inc = neinkhhm if neinkhhm<.
(170 missing values generated)

. recode p_inc 1=1000 2=3000 3=5000 4=7000 5=9000 6=11000 7=13000
(p_inc: 1742 changes made)

. replace p_inc = p_inc/sqrt(nhhtot)/1000
(1,742 real changes made, 64 to missing)

. // - Sprachregion
. gen p_de = inlist(nbfssprachreg,1,4) if nbfssprachreg<.

. gen p_fr = inlist(nbfssprachreg,2) if nbfssprachreg<.

. gen p_it = inlist(nbfssprachreg,3) if nbfssprachreg<.

. // - Effekte auf den Wage Gap
. qui regress rating inc i.sex##i.marstat##i.effort##i.p_sex

. margins, dydx(p_sex)

Average marginal effects                        Number of obs     =      1,912
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : 1.p_sex
```

	dy/dx	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_sex						
männlich	.0055688	.0698479	0.08	0.936	-.131418	.1425556

```
Note: dy/dx for factor levels is the discrete change from the base level.

. margins a.sex, dydx(p_sex) post

Contrasts of average marginal effects
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : 1.p_sex
```

	df	F	P>F
0b.p_sex			

```
         sex |  (not testable)
-------------+----------------------------------------------------
1.p_sex      |
         sex |           1        0.41     0.5224
             |
 Denominator |        1895
-------------+----------------------------------------------------

------------------------------------------------------------------------------
                             |   Contrast Delta-method
                             |      dy/dx   Std. Err.     [95% Conf. Interval]
-----------------------------+------------------------------------------------
0.p_sex                      |  (base outcome)
-----------------------------+------------------------------------------------
1.p_sex                      |
                         sex |
(weiblich vs männlich)       |  -.0894045   .1397324       -.36345     .184641
------------------------------------------------------------------------------
Note: dy/dx for factor levels is the discrete change from the base level.
. local coln p_sex
. mat b = _b[1.p_sex:a0vs1.sex]
. mat se = _se[1.p_sex:a0vs1.sex]
. mat n = el(e(_N),1,4)
. foreach v in p_age p_educ p_inc {
  2.     qui regress rating inc i.sex##i.marstat##i.effort##c.`v'
  3.     local coln `coln' `v'
  4.     margins, dydx(`v')
  5.     margins a.sex, dydx(`v') post
  6.     mat b = nullmat(b), _b[a0vs1.sex]
  7.     mat se = nullmat(se), _se[a0vs1.sex]
  8.     mat n = nullmat(n), el(e(_N),1,2)
  9. }
Average marginal effects                        Number of obs     =      1,912
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_age

------------------------------------------------------------------------------
             |            Delta-method
             |      dy/dx   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       p_age |  -.1038174   .0219449    -4.73   0.000    -.1468562   -.0607787
------------------------------------------------------------------------------

Contrasts of average marginal effects
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_age

------------------------------------------------------------
             |         df           F        P>F
-------------+----------------------------------------------
p_age        |
         sex |           1        2.46     0.1168
             |
 Denominator |        1895
------------------------------------------------------------

------------------------------------------------------------------------------
                             |   Contrast Delta-method
                             |      dy/dx   Std. Err.     [95% Conf. Interval]
-----------------------------+------------------------------------------------
p_age                        |
                         sex |
(weiblich vs männlich)       |   .0688625   .0438883      -.017212     .154937
------------------------------------------------------------------------------

Average marginal effects                        Number of obs     =      1,899
Model VCE    : OLS
```

```
Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_educ
```

	dy/dx	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_educ	-.0550707	.0127018	-4.34	0.000	-.0799818	-.0301595

```
Contrasts of average marginal effects
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_educ
```

	df	F	P>F
p_educ			
sex	1	1.77	0.1840
Denominator	1882		

	Contrast dy/dx	Delta-method Std. Err.	[95% Conf.	Interval]
p_educ				
sex				
(weiblich vs männlich)	-.0337637	.0254038	-.0835863	.0160588

```
Average marginal effects                        Number of obs     =      1,678
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_inc
```

	dy/dx	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
p_inc	-.0815723	.0168794	-4.83	0.000	-.1146795	-.0484652

```
Contrasts of average marginal effects
Model VCE    : OLS

Expression   : Linear prediction, predict()
dy/dx w.r.t. : p_inc
```

	df	F	P>F
p_inc			
sex	1	2.85	0.0913
Denominator	1661		

	Contrast dy/dx	Delta-method Std. Err.	[95% Conf.	Interval]
p_inc				
sex				
(weiblich vs männlich)	-.0571006	.033797	-.1233898	.0091886

```
. mat coln b = `coln'
. mat coln se = `coln'
. mat coln n = `coln'
. eret post b
. qui estadd mat se
```

```
. qui estadd mat n
. eststo ex3
. // Tabelle
. esttab ex1 ex2 ex3 using log/tab4.tex, replace ///
>     noobs nonumb nomti collab(none) fragment booktabs varw(26) ///
>     cell((b(star fmt(3)) n(fmt(g))) (se(par))) ///
>     star(+ 0.10 * 0.05 ** 0.01 *** 0.001) ///
>     coefl(p_sex "Geschlecht (1 = männlich)" p_age "Alter (in Jahrzehnten)" ///
>         p_educ "Bildungsjahre" p_inc "Einkommen (in tausend CHF)" ///
>         p_rechts "Politische Orientierung   (1 = ganz links, 10 = ganz rechts)", ///
>         end("" \addlinespace) nolast) wrap
(output written to log/tab4.tex)
```

	Experiment 1		Experiment 2		Experiment 3	
	Effekt	N	Effekt	N	Effekt	N
Geschlecht (1 = männlich)	0.335	525	−0.007	364	−0.089	1912
	(0.307)		(0.351)		(0.140)	
Alter (in Jahrzehnten)	0.092	522	0.022	365	0.069	1912
	(0.099)		(0.106)		(0.044)	
Bildungsjahre	−0.146*	520	−0.164*	362	−0.034	1899
	(0.058)		(0.080)		(0.025)	
Einkommen (in tausend CHF)	−0.053	459	0.056	357	−0.057+	1678
	(0.059)		(0.054)		(0.034)	
Politische Orientierung	0.184*	507	0.063	350		
(1 = ganz links, 10 = ganz rechts)	(0.085)		(0.109)			

Standardfehler in Klammern; $^{+}$ $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ (zweiseitig)

6 Tabelle Anhang: Einkommensbewertung nach experimentellen Konditionen

```
. clear all
. local coln
. // Experiment 1
. use "../Survey 2001/daten/gerecht2001"
. qui mvdecode _all, mv(-9/-6)
. gen byte rating = f11         if inrange(f11,-5,5)
(7 missing values generated)
. gen byte sex    = f11sex==1   if inlist(f11sex,0,1)
. gen byte need   = f11bed==1   if inlist(f11bed,0,1)
. gen byte effort = f11leist==1 if inlist(f11leist,0,1)
. drop if rating>=.
(7 observations deleted)
. forv i = 0/1 {
  2.     forv j = 0/1 {
  3.         di _n as txt "==> effort==`i' & need==`j'"
  4.         mean rating if effort==`i' & need==`j', over(sex)
  5.         lincom _b[0]-_b[1]
  6.         forv g = 0/1 {
  7.             mat m`g' = nullmat(m`g'), _b[`g']
  8.             mat s`g' = nullmat(s`g'), _se[`g']
  9.             mat n`g' = nullmat(n`g'), el(e(_N),1,`=`g'+1')
 10.         }
```

```
 11.         mat d = nullmat(d), r(estimate)
 12.         mat s = nullmat(s), r(se)
 13.         mat p = nullmat(p), r(p)
 14.         local coln `coln' ex1:effort=`i'_need=`j'
 15.     }
 16. }
==> effort==0 & need==0
Mean estimation                   Number of obs   =        142
            0: sex = 0
            1: sex = 1

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
           0 |   1.044118   .2141133      .6208302    1.467405
           1 |  -.0135135   .2022579     -.4133636    .3863366
--------------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   1.057631   .2945383     3.59   0.000     .4753492    1.639913
------------------------------------------------------------------------------

==> effort==0 & need==1
Mean estimation                   Number of obs   =        138
            0: sex = 0
            1: sex = 1

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
           0 |  -.4657534    .218165     -.8971597   -.0343472
           1 |  -1.384615   .2167198     -1.813164    -.956067
--------------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |    .918862   .3075117     2.99   0.003     .3107788    1.526945
------------------------------------------------------------------------------

==> effort==1 & need==0
Mean estimation                   Number of obs   =        121
            0: sex = 0
            1: sex = 1

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
           0 |  -.9649123   .2718692     -1.503194   -.4266302
           1 |  -1.953125     .18691     -2.323194   -1.583056
--------------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .9882127   .3299215     3.00   0.003     .3349911    1.641434
------------------------------------------------------------------------------

==> effort==1 & need==1
Mean estimation                   Number of obs   =        128
            0: sex = 0
            1: sex = 1
```

```
--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
           0 |  -2.260274   .1723102     -2.601245   -1.919303
           1 |       -2.8    .245361     -3.285525   -2.314475
--------------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |    .539726   .2998213     1.80   0.074    -.0535662    1.133018
------------------------------------------------------------------------------

. // Experiment 2
. use "../Survey 2006/daten/income06", clear

. gen byte rating = q04        if inrange(q04,-5,5)
(6 missing values generated)

. gen byte sex    = q04sex==2  if q04sex<.

. gen byte job    = q04job     if q04job<.

. gen byte name   = q04name==1 if q04name<.

. drop if rating>=.
(6 observations deleted)

. forv i = 1/3 {
  2.     forv j = 0/1 {
  3.         di _n as txt "==> job==`i' & name==`j'"
  4.         mean rating if job==`i' & name==`j', over(sex)
  5.         lincom _b[0]-_b[1]
  6.         forv g = 0/1 {
  7.             mat m`g' = nullmat(m`g'), _b[`g']
  8.             mat s`g' = nullmat(s`g'), _se[`g']
  9.             mat n`g' = nullmat(n`g'), el(e(_N),1,`=`g'+1')
 10.         }
 11.         mat d = nullmat(d), r(estimate)
 12.         mat s = nullmat(s), r(se)
 13.         mat p = nullmat(p), r(p)
 14.         local coln `coln' ex2:job=`i'_name=`j'
 15.     }
 16. }

==> job==1 & name==0

Mean estimation                   Number of obs   =         57

            0: sex = 0
            1: sex = 1

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
           0 |  -.5666667   .3132453     -1.194172     .060839
           1 |  -.3703704   .3296728     -1.030784    .2900437
--------------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1962963   .4547601    -0.43   0.668     -1.10729    .7146977
------------------------------------------------------------------------------

==> job==1 & name==1

Mean estimation                   Number of obs   =         65

            0: sex = 0
            1: sex = 1

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
```

```
rating
          0 |         -.7   .2801888     -1.259741   -.1402586
          1 |   -.8285714   .2854621     -1.398847   -.2582954
-----------+----------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .1285714   .3999929     0.32   0.749    -.6705063    .9276492
------------------------------------------------------------------------------

==> job==2 & name==0
Mean estimation                   Number of obs   =         62
           0: sex = 0
           1: sex = 1

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
          0  |  -1.322581   .2513922      -1.82527   -.8198908
          1  |  -1.612903   .2957673     -2.204327    -1.02148
--------------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .2903226   .3881706     0.75   0.457    -.4858724    1.066518
------------------------------------------------------------------------------

==> job==2 & name==1
Mean estimation                   Number of obs   =         65
           0: sex = 0
           1: sex = 1

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
          0  |   -1.62069   .3035658     -2.227132   -1.014247
          1  |  -1.166667   .2050939     -1.576389   -.7569446
--------------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   -.454023   .3663546    -1.24   0.220      -1.1859    .2778545
------------------------------------------------------------------------------

==> job==3 & name==0
Mean estimation                   Number of obs   =         57
           0: sex = 0
           1: sex = 1

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
          0  |  -.7407407   .2803772     -1.302404   -.1790777
          1  |  -1.166667   .3654106     -1.898672   -.4346613
--------------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .4259259   .4605825     0.92   0.359    -.4967318    1.348584
------------------------------------------------------------------------------
```

```
==> job==3 & name==1
Mean estimation                   Number of obs   =         59
            0: sex = 0
            1: sex = 1

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
           0 |  -.2758621   .2846506     -.8456522    .2939281
           1 |  -.1333333   .3945996     -.9232102    .6565435
--------------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |  -.1425287    .486554    -0.29   0.771    -1.116472    .8314149
------------------------------------------------------------------------------

. // Experiment 3
. use "../Survey 2010/daten20180509/Data_vorPlausi_EXTERNE", clear

. gen rating       = nvurteil if nvurteil<.
(1,457 missing values generated)

. gen byte sex     = 1 - nvfrau if nvfrau<.
(1,412 missing values generated)

. gen byte marstat = nvverh if nvverh<.
(1,412 missing values generated)

. gen byte effort  = nvleistung if nvleistung<.
(1,412 missing values generated)

. drop if rating>=.
(1,457 observations deleted)

. forv i = 0/1 {
  2.     forv j = 0/1 {
  3.         di _n as txt "==> vleist==`i' & marstat==`j'"
  4.         mean rating if effort==`i' & marstat==`j', over(sex)
  5.         lincom _b[0]-_b[1]
  6.         forv g = 0/1 {
  7.             mat m`g' = nullmat(m`g'), _b[`g']
  8.             mat s`g' = nullmat(s`g'), _se[`g']
  9.             mat n`g' = nullmat(n`g'), el(e(_N),1,`=`g'+1')
 10.         }
 11.         mat d = nullmat(d), r(estimate)
 12.         mat s = nullmat(s), r(se)
 13.         mat p = nullmat(p), r(p)
 14.         local coln `coln' ex3:effort=`i'_marstat=`j'
 15.     }
 16. }

==> vleist==0 & marstat==0
Mean estimation                   Number of obs   =        489
            0: sex = 0
            1: sex = 1

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
           0 |   .9958678   .0982509      .8028208    1.188915
           1 |   .8744939   .1046238      .6689252    1.080063
--------------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .1213738   .1435248     0.85   0.398     -.160629    .4033767
------------------------------------------------------------------------------
```

```
==> vleist==0 & marstat==1
Mean estimation                   Number of obs   =        473
            0: sex = 0
            1: sex = 1

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
           0 |   .9979079   .1080632      .7855634    1.210253
           1 |   .5192308   .1050924      .3127239    .7257376
--------------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .4786772   .1507384     3.18   0.002     .1824757    .7748786
------------------------------------------------------------------------------

==> vleist==1 & marstat==0
Mean estimation                   Number of obs   =        477
            0: sex = 0
            1: sex = 1

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
           0 |   .3056769   .1054519      .0984681    .5128856
           1 |   .1350806    .098492     -.0584523    .3286136
--------------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .1705962   .1442941     1.18   0.238    -.1129359    .4541283
------------------------------------------------------------------------------

==> vleist==1 & marstat==1
Mean estimation                   Number of obs   =        473
            0: sex = 0
            1: sex = 1

--------------------------------------------------------------
        Over |       Mean   Std. Err.     [95% Conf. Interval]
-------------+------------------------------------------------
rating       |
           0 |   .2478448   .1032209      .0450155    .4506742
           1 |  -.2116183   .0957434     -.3997543   -.0234822
--------------------------------------------------------------

 ( 1)  [rating]0 - [rating]1 = 0

------------------------------------------------------------------------------
        Mean |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
         (1) |   .4594631   .1407883     3.26   0.001     .1828137    .7361125
------------------------------------------------------------------------------

. // Post results to e()
. eret post

. foreach m in m0 s0 n0 m1 s1 n1 d s p {
  2.     mat coln `m' = `coln'
  3.     qui estadd matrix `m'
  4. }

. // Table
. esttab . using log/tabA1.tex, replace ///
>     noobs nonumb nomti collab(none) fragment booktabs varw(30) ///
>     cell((m0(fmt(2)) s0 n0(fmt(0)) m1 s1 n1(fmt(0)) d(star) s)) ///
>     star(+ 0.10 * 0.05 ** 0.01 *** 0.001) ///
```

```
>     eqlab("\emph{Experiment 1}" "\emph{Experiment 2}" "\emph{Experiment 3}") ///
>     coefl("effort=0_need=0"  "-- tiefe Bedürftigkeit"  ///
>           "effort=0_need=1"  "-- hohe Bedürftigkeit"   ///
>           "effort=1_need=0"  "-- tiefe Bedürftigkeit"  ///
>           "effort=1_need=1"  "-- hohe Bedürftigkeit"   ///
>           "job=1_name=0"     "-- schweizerischer Name" ///
>           "job=1_name=1"     "-- ausländischer Name"   ///
>           "job=2_name=0"     "-- schweizerischer Name" ///
>           "job=2_name=1"     "-- ausländischer Name"   ///
>           "job=3_name=0"     "-- schweizerischer Name" ///
>           "job=3_name=1"     "-- ausländischer Name"   ///
>           "effort=0_marstat=0" "-- alleinstehend"       ///
>           "effort=0_marstat=1" "-- verheiratet"         ///
>           "effort=1_marstat=0" "-- alleinstehend"       ///
>           "effort=1_marstat=1" "-- verheiratet")        ///
>     refcat("effort=0_need=0"  "Tiefe Leistung"        ///
>            "effort=1_need=0"  "Hohe Leistung"         ///
>            "job=1_name=0"     "JournalistIn"          ///
>            "job=2_name=0"     "KrankenpflegerIn"      ///
>            "job=3_name=0"     "SchreinerIn"           ///
>            "effort=0_marstat=0" "Tiefe Leistung"        ///
>            "effort=1_marstat=0" "Hohe Leistung"         ///
>            , nolabel)
(output written to log/tabA1.tex)
```

	Frauen			Männer			Differenz	
	$\overline{Y}$	$\hat{\sigma}$	N	$\overline{Y}$	$\hat{\sigma}$	N	Δ	$\hat{\sigma}$
Experiment 1								
Tiefe Leistung								
– tiefe Bedürftigkeit	1.04	0.21	68	−0.01	0.20	74	1.06^{***}	0.29
– hohe Bedürftigkeit	−0.47	0.22	73	−1.38	0.22	65	0.92^{**}	0.31
Hohe Leistung								
– tiefe Bedürftigkeit	−0.96	0.27	57	−1.95	0.19	64	0.99^{**}	0.33
– hohe Bedürftigkeit	−2.26	0.17	73	−2.80	0.25	55	0.54^{+}	0.30
Experiment 2								
JournalistIn								
– schweizerischer Name	−0.57	0.31	30	−0.37	0.33	27	−0.20	0.45
– ausländischer Name	−0.70	0.28	30	−0.83	0.29	35	0.13	0.40
KrankenpflegerIn								
– schweizerischer Name	−1.32	0.25	31	−1.61	0.30	31	0.29	0.39
– ausländischer Name	−1.62	0.30	29	−1.17	0.21	36	−0.45	0.37
SchreinerIn								
– schweizerischer Name	−0.74	0.28	27	−1.17	0.37	30	0.43	0.46
– ausländischer Name	−0.28	0.28	29	−0.13	0.39	30	−0.14	0.49
Experiment 3								
Tiefe Leistung								
– alleinstehend	1.00	0.10	242	0.87	0.10	247	0.12	0.14
– verheiratet	1.00	0.11	239	0.52	0.11	234	0.48^{**}	0.15
Hohe Leistung								
– alleinstehend	0.31	0.11	229	0.14	0.10	248	0.17	0.14
– verheiratet	0.25	0.10	232	−0.21	0.10	241	0.46^{**}	0.14

$\overline{Y}$: Mittelwert; $\hat{\sigma}$: Standardfehler; Differenz Δ: $^{+}$ $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ (zweiseitig)

7 Tabelle Anhang: Deskriptive Statistiken der Stichproben

```
. clear all
. // Experiment 1
. use "../Survey 2001/daten/gerecht2001"
. qui mvdecode _all, mv(-9/-6)
. // - Vignetten
. gen byte rating = f11         if inrange(f11,-5,5)
(7 missing values generated)
. gen byte sex    = f11sex==1   if inlist(f11sex,0,1)
. gen byte need   = f11bed==1   if inlist(f11bed,0,1)
. gen byte effort = f11leist==1 if inlist(f11leist,0,1)
. lab def sex 0 "weiblich" 1 "männlich"
. lab val sex sex
. lab def hilo 0 "tief" 1 "hoch"
. lab val need effort hilo
. drop if rating>=.
(7 observations deleted)
. // - Geschlecht
. gen p_sex = 2-f36 if f36<.
(4 missing values generated)
. lab val p_sex sex
. // - Alter (Variable: alter)
. gen p_age = alter if alter<.
(7 missing values generated)
. // - Bildungsjahre
. gen double p_educ = f42 if f42<.
(9 missing values generated)
. recode p_educ 1=9 2=10.5 3=12 4=12 5=15 6=18 7=9
(p_educ: 520 changes made)
. // - Haushaltsäquivalenzeinkommen
. gen double p_inc = f53 if f53<.
(69 missing values generated)
. recode p_inc 1=500 2=1500 3=2500 4=3500 5=4500 /*
>     */ 6=5500 7=6500 8=7500 9=8500 10=9500 11=11000 /*
>     */ 12=13000 13=15000 14=17000 15=19000 16=21000
(p_inc: 460 changes made)
. replace p_inc = p_inc/sqrt(f54a)
(354 real changes made, 1 to missing)
. // - politische Einstellung
. gen p_rechts = f45 if f45<.
(22 missing values generated)
. // - Übersicht
. gen p_de = 100
. foreach v in sex need effort p_sex {
  2.     qui replace `v' = `v'*100
  3. }
. estpost summarize rating sex effort need p_sex p_age p_educ p_inc p_rechts p_de
```

	e(count)	e(sum_w)	e(mean)	e(Var)	e(sd)	e(min)	e(max)
rating	529	529	-1.045369	4.403241	2.09839	-5	5
sex	529	529	48.77127	2503.222	50.03221	0	100
effort	529	529	47.06994	2496.133	49.96132	0	100
need	529	529	50.28355	2504.654	50.04652	0	100
p_sex	525	525	58.66667	2429.517	49.29013	0	100
p_age	522	522	48.9114	251.0241	15.84374	18.33333	90.91667
p_educ	520	520	12.20192	7.181692	2.679868	9	18
p_inc	459	459	4977.268	7635298	2763.204	223.6068	15000
p_rechts	507	507	4.956607	3.294556	1.815091	1	10

```
        p_de |       529        529        100          0          0        100        100
             |    e(sum)
-------------+----------
      rating |      -553
         sex |     25800
      effort |     24900
        need |     26600
       p_sex |     30800
       p_age |  25531.75
      p_educ |      6345
       p_inc |   2284566
    p_rechts |      2513
        p_de |     52900
. eststo ex1

. // Experiment 2
. use "../Survey 2006/daten/income06", clear

. // - Vignetten
. gen byte rating = q04        if inrange(q04,-5,5)
(6 missing values generated)

. gen byte sex    = q04sex==2  if q04sex<.

. gen byte job    = q04job     if q04job<.

. gen byte name   = q04name==1 if q04name<.

. gen int  inc    = q04inc     if q04inc<.

. lab def sex 0 "weiblich" 1 "männlich"

. lab val sex sex

. label def job 1 "JournalistIn" 2 "KrankenpflegerIn" 3 "SchreinerIn"

. label val job job

. label def name 0 "schweizerisch" 1 "ausländisch"

. label val name name

. drop if rating>=.
(6 observations deleted)

. // - Geschlecht
. gen byte p_sex = q05==1 if inlist(q05,1,2)
(1 missing value generated)

. lab val p_sex sex

. // - Alter (Variable: alter)
. gen p_age = 106-q06 if q06<.

. // - Bildungsjahre
. gen p_educ = q09 if q09<.
(3 missing values generated)

. recode p_educ 1=9 2=10.5 3=10.5 4=10.5 5=10.5 6=12 7=10.5 8=10.5 9=12 10=12 11=15 12=18 13=9
(p_educ: 362 changes made)

. // - Persönliches Einkommen
. gen double p_inc = q12 if q12<.
(8 missing values generated)

. recode p_inc 1=500 2=1500 3=2500 4=4000 5=6000 6=8000 7=12500 8=17000
(p_inc: 334 changes made)

. // - politische Einstellung
. gen p_rechts = q08 if q08<.
(15 missing values generated)

. // - Übersicht
. gen job1 = (job==1)*100 if job<.

. gen job2 = (job==2)*100 if job<.

. gen job3 = (job==3)*100 if job<.

. gen p_de = 100

. foreach v in sex name p_sex {
  2.     qui replace `v' = `v'*100
  3. }

. estpost summarize rating sex job1 job2 job3 name inc p_sex p_age p_educ p_inc p_rechts p_de
```

	e(count)	e(sum_w)	e(mean)	e(Var)	e(sd)	e(min)	e(max)
rating	365	365	-.8876712	2.885699	1.698735	-5	5
sex	365	365	51.78082	2503.688	50.03687	0	100
job1	365	365	33.42466	2231.371	47.23739	0	100
job2	365	365	34.79452	2275.026	47.69724	0	100
job3	365	365	31.78082	2174.018	46.62636	0	100
name	365	365	51.78082	2503.688	50.03687	0	100
inc	365	365	5006.849	330310.1	574.7261	4000	6000
p_sex	364	364	59.34066	2419.399	49.18738	0	100
p_age	365	365	50.39726	286.0753	16.91376	18	90
p_educ	362	362	12.02072	6.500262	2.549561	9	18
p_inc	357	357	5508.403	1.26e+07	3549.796	0	17000
p_rechts	350	350	5.217143	2.610307	1.615644	1	10
p_de	365	365	100	0	0	100	100

	e(sum)
rating	-324
sex	18900
job1	12200
job2	12700
job3	11600
name	18900
inc	1827500
p_sex	21600
p_age	18395
p_educ	4351.5
p_inc	1966500
p_rechts	1826
p_de	36500

```
. eststo ex2

. // Experiment 3
. use "../Survey 2010/daten20180509/Data_vorPlausi_EXTERNE", clear

. // - Vignetten
. gen rating       = nvurteil if nvurteil<.
(1,457 missing values generated)

. gen byte sex     = 1 - nvfrau if nvfrau<.
(1,412 missing values generated)

. gen byte marstat = nvverh if nvverh<.
(1,412 missing values generated)

. gen byte effort  = nvleistung if nvleistung<.
(1,412 missing values generated)

. gen int inc      = nvlohn if nvlohn<.
(1,412 missing values generated)

. lab def sex 0 "weiblich" 1 "männlich"

. lab val sex sex

. lab def marstat 0 "alleinstehend" 1 "verheiratet"

. lab val marstat marstat

. lab def effort 0 "tief" 1 "hoch"

. lab val effort effort

. drop if rating>=.
(1,457 observations deleted)

. // - Geschlecht
. gen byte p_sex = 1 - nfrau if nfrau<.

. lab val p_sex sex

. // - Alter (Variable: alter)
. gen p_age = 110-njahrgang if njahrgang<.

. // - Bildungsjahre
. gen p_educ = neduc if neduc<.
(13 missing values generated)

. recode p_educ 1=9 2=9 3=10.5 4=12 5=12 6=15 7=18
```

```
(p_educ: 1899 changes made)
. // - Haushaltsäquivalenzeinkommen
. gen p_inc = neinkhhm if neinkhhm<.
(170 missing values generated)
. recode p_inc 1=1000 2=3000 3=5000 4=7000 5=9000 6=11000 7=13000
(p_inc: 1742 changes made)
. replace p_inc = p_inc/sqrt(nhhtot)
(1,350 real changes made, 64 to missing)
. // - Sprachregion
. gen p_de = inlist(nbfssprachreg,1,4) if nbfssprachreg<.
. gen p_fr = inlist(nbfssprachreg,2) if nbfssprachreg<.
. gen p_it = inlist(nbfssprachreg,3) if nbfssprachreg<.
. // - Übersicht
. foreach v in sex marstat effort p_sex p_de p_fr p_it {
  2.     qui replace `v' = `v'*100
  3. }
. estpost summarize rating sex effort marstat inc p_sex p_age p_educ p_inc p_de p_fr p_it
```

	e(count)	e(sum_w)	e(mean)	e(Var)	e(sd)	e(min)	e(max)
rating	1912	1912	.4848326	2.669838	1.633964	-5	5
sex	1912	1912	50.73222	2500.772	50.00772	0	100
effort	1912	1912	49.68619	2501.21	50.0121	0	100
marstat	1912	1912	49.47699	2501.035	50.01034	0	100
inc	1912	1912	5497.646	169670	411.9102	5000	6000
p_sex	1912	1912	45.39749	2480.114	49.80074	0	100
p_age	1912	1912	53.97699	250.2527	15.81938	21	97
p_educ	1899	1899	12.23144	7.603284	2.757405	9	18
p_inc	1678	1678	5225.983	4853086	2202.972	447.2136	13000
p_de	1912	1912	78.60879	1682.417	41.01728	0	100
p_fr	1912	1912	15.37657	1301.899	36.08184	0	100
p_it	1912	1912	6.014644	565.5843	23.78202	0	100

	e(sum)
rating	927
sex	97000
effort	95000
marstat	94600
inc	1.05e+07
p_sex	86800
p_age	103204
p_educ	23227.5
p_inc	8769200
p_de	150300
p_fr	29400
p_it	11500

```
. eststo ex3
. // Tabelle
. esttab ex1 ex2 ex3 using log/tabA2.tex, replace booktabs ///
>     nonumb nomti collab(none) fragment ///
>     order(rating sex effort need marstat job1 job2 job3 name inc ///
>           p_sex p_age p_educ p_inc p_rechts p_de p_fr p_it) ///
>     cell((mean(fmt(2 1)) ///
>         sd(keep(rating inc p_age p_educ p_inc p_rechts)))) ///
>     noobs scalars("N Anzahl Beobachtungen") ///
>     refcat(rating "Vignettenvariablen" p_sex "Befragtenmerkmale", nolab) ///
>     coeflab(rating "-- Bewertung" sex "-- männlich" ///
>         need "-- hohe Bedürftigkeit" marstat "-- verheiratet" ///
>         job1 "-- JournalistIn" job2 "-- KrankenpflegerIn" job3 "-- SchreinerIn" ///
>         name "-- ausländischer Name" effort "-- hohe Leistung" ///
>         inc "-- Einkommen" ///
>         p_sex "-- männlich" p_age "-- Alter" p_educ "-- Bildungsjahre" ///
>         p_inc "-- Einkommen" p_rechts "-- politische Orientierung" ///
>         p_de "-- Deutschschweiz" p_fr "-- französische Schweiz" ///
>         p_it "-- italienische Schweiz")
```

(output written to log/tabA2.tex)

	Experiment 1		Experiment 2		Experiment 3	
	$\overline{X}$	σ	$\overline{X}$	σ	$\overline{X}$	σ
Vignettenvariablen						
– Bewertung	−1.05	2.10	−0.89	1.70	0.48	1.63
– männlich	48.8		51.8		50.7	
– hohe Leistung	47.1				49.7	
– hohe Bedürftigkeit	50.3					
– verheiratet					49.5	
– JournalistIn			33.4			
– KrankenpflegerIn			34.8			
– SchreinerIn			31.8			
– ausländischer Name			51.8			
– Einkommen			5006.8	574.7	5497.6	411.9
Befragtenmerkmale						
– männlich	58.7		59.3		45.4	
– Alter	48.9	15.8	50.4	16.9	54.0	15.8
– Bildungsjahre	12.2	2.7	12.0	2.5	12.2	2.8
– Einkommen	4977.3	2763.2	5508.4	3549.8	5226.0	2203.0
– politische Orientierung	5.0	1.8	5.2	1.6		
– Deutschschweiz	100.0		100.0		78.6	
– französische Schweiz					15.4	
– italienische Schweiz					6.0	
Anzahl Beobachtungen	529		365		1912	

$\overline{X}$: Mittelwert bzw. Prozentanteil; σ: Standardabweichung; Einkommen: Haushaltsäquivalenzeinkommen bei Experiment 1 und 3, persönliches Einkommen bei Experiment 2; politische Orientierung: 1 = ganz links, 10 = ganz rechts