

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)

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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 |
|----------|------------|-----|------------|---------------|---|--------|
| Model | 785.365883 | 15 | 52.3577255 | F(15, 509) | = | 17.80 |
| Residual | 1497.3465 | 509 | 2.94174165 | Prob > F | = | 0.0000 |
| | | | | 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()
```

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

```
. lincom _b[Obn.sex] - _b[1.sex]
( 1) Obn.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()
```

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

```
. lincom _b[Obn.effort] - _b[1.effort]
( 1) Obn.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()
```

| | Delta-method | | t | P> t | [95% Conf. Interval] | |
|---------------|--------------|-----------|--------|-------|----------------------|-----------|
| | Margin | Std. Err. | | | | |
| 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[Obn.effort#0bn.sex] - _b[Obn.effort#1.sex]
( 1) Obn.effort#0bn.sex - Obn.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 ml
. margins need, post
Predictive margins          Number of obs   =          529
Model VCE      : OLS
Expression     : Linear prediction, predict()
```

| | Delta-method | | t | P> t | [95% Conf. Interval] | |
|------|--------------|-----------|--------|-------|----------------------|-----------|
| | Margin | Std. Err. | | | | |
| 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 ml
. margins need#sex, post
Predictive margins          Number of obs   =          529
Model VCE      : OLS
Expression     : Linear prediction, predict()
```

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

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

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

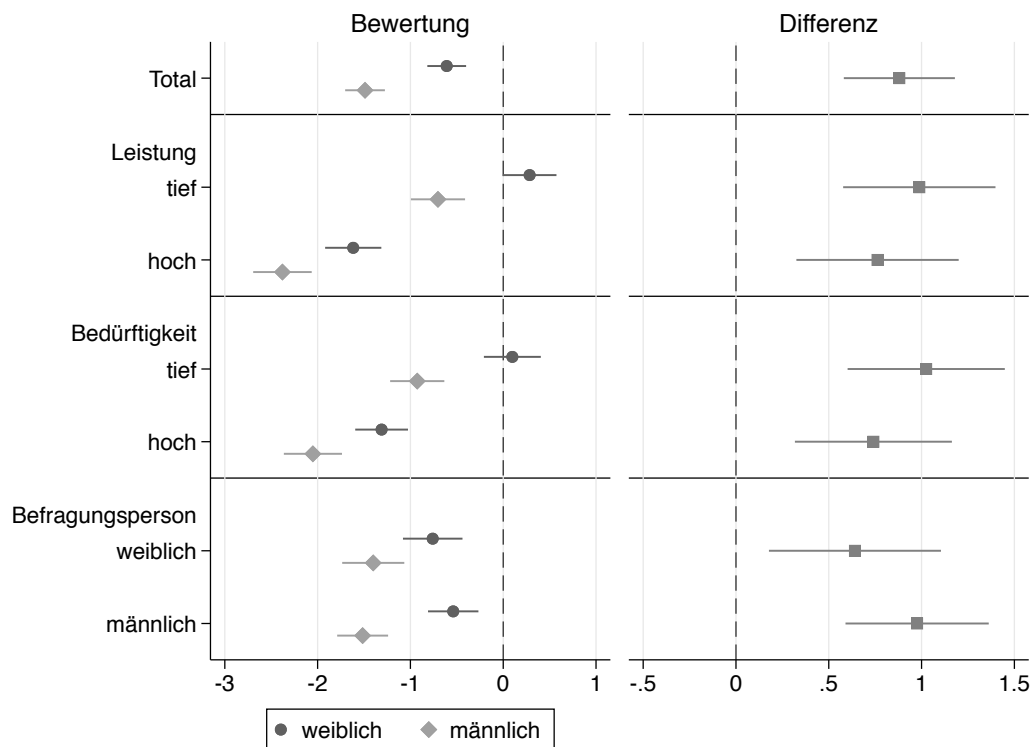
. qui est restore m2
. qui margins 0.p_sex#sex, post
. eststo p_sex0: adddiff

. 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)) ///
> coepl(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 | |
|------------------|--------------|----------------|--------------|----------------|-----------|----------------|
| | $\hat{E}(Y)$ | $\hat{\sigma}$ | $\hat{E}(Y)$ | $\hat{\sigma}$ | 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 |

$\hat{E}(Y)$: 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

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

```
. lincom _b[Obn.sex] - _b[1.sex]
( 1) Obn.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 | | t | P> t | [95% Conf. Interval] | |
|--------|--------------|-----------|--------|-------|----------------------|-----------|
| | Margin | Std. Err. | | | | |
| 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 | | t | P> t | [95% Conf. Interval] | |
|---------------|--------------|-----------|--------|-------|----------------------|-----------|
| | Margin | Std. Err. | | | | |
| 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 | | t | P> t | [95% Conf. Interval] | |
|------|--------------|-----------|--------|-------|----------------------|-----------|
| | Margin | Std. Err. | | | | |
| need | | | | | | |
| tief | -.4265122 | .1193432 | -3.57 | 0.000 | -.6609653 | -.1920591 |
| hoch | -1.60701 | .1166507 | -13.78 | 0.000 | -1.836174 | -1.377846 |

```
. lincom _b[Obn.need] - _b[1.need]
( 1) Obn.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 | | t | P> t | [95% Conf. Interval] | |
|---------------|--------------|-----------|--------|-------|----------------------|-----------|
| | Margin | Std. Err. | | | | |
| 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[Obn.need#Obn.sex] - _b[Obn.need#1.sex]
( 1) Obn.need#Obn.sex - Obn.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#Obn.sex] - _b[1.need#1.sex]
( 1) 1.need#Obn.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#Obn.sex] - _b[1.need#1.sex]) ///
> - (_b[Obn.need#Obn.sex] - _b[Obn.need#1.sex])
( 1) - Obn.need#Obn.sex + Obn.need#1.sex + 1.need#Obn.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 | | t | P> t | [95% Conf. Interval] | |
|--|--------------|-----------|---|------|----------------------|--|
| | Margin | Std. Err. | | | | |

| 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()
```

| | Delta-method | | t | P> t | [95% Conf. Interval] | |
|-------------------|--------------|-----------|--------|-------|----------------------|-----------|
| | Margin | Std. Err. | | | | |
| 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 |
|----------|------------|-----|------------|---------------|---|--------|
| Model | 119.398612 | 12 | 9.94988437 | F(12, 352) | = | 3.76 |
| Residual | 930.995908 | 352 | 2.64487474 | Prob > F | = | 0.0000 |
| | | | | 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 |
|----------|------------|-----|------------|---------------|---|--------|
| Model | 151.420824 | 24 | 6.30920101 | F(24, 339) | = | 2.42 |
| Residual | 882.015989 | 339 | 2.60181708 | Prob > F | = | 0.0003 |
| | | | | 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()

```

| | Delta-method | | | | |
|----------|--------------|-----------|-------|-------|----------------------|
| | Margin | 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 ml

. margins job#sex, post

Predictive margins

Number of obs = 365

Model VCE : OLS

Expression : Linear prediction, predict()

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

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

| name#sex | Delta-method | | t | P> t | [95% Conf. Interval] | |
|------------------------|--------------|-----------|-------|-------|----------------------|-----------|
| | Margin | Std. Err. | | | | |
| 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()
```

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

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

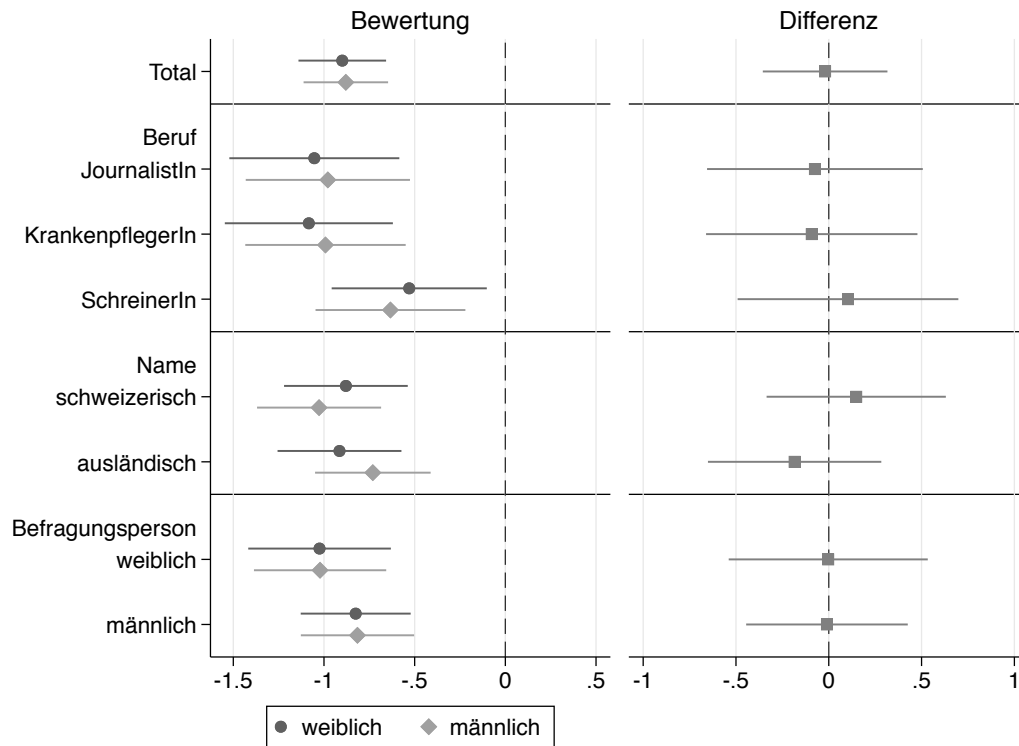
. qui est restore m1
. qui margins sex, post
. eststo Total: adddiff
. qui est restore m1
. qui margins 1.job#sex, post
. eststo job1: adddiff
. qui est restore m1
. qui margins 2.job#sex, post
. eststo job2: adddiff
. qui est restore m1
. qui margins 3.job#sex, post
. eststo job3: adddiff
. qui est 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 | |
|--------------------|--------------|----------------|--------------|----------------|-----------|----------------|
| | $\hat{E}(Y)$ | $\hat{\sigma}$ | $\hat{E}(Y)$ | $\hat{\sigma}$ | 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 |

$\hat{E}(Y)$: 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
auslaendisch: name = auslaendisch

```

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

```

. lincom _b[schweizerisch] - _b[auslaendisch]
( 1) [rating]schweizerisch - [rating]auslaendisch = 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
```

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

```

| | Delta-method | | | | |
|------------------|--------------|-----------|-------|-------|----------------------|
| | Margin | 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

```

| | Delta-method | | | | |
|---------------------------|--------------|-----------|-------|-------|----------------------|
| | Margin | 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
```

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

| | Delta-method | | | | [95% Conf. Interval] | |
|------------------------|--------------|-----------|-------|-------|----------------------|----------|
| | Margin | Std. Err. | z | P> z | | |
| 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[Obn.name#1.sex] - _b[Obn.name#0bn.sex]
 (1) - Obn.name#0bn.sex + Obn.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[Obn.name#1.sex] - _b[Obn.name#0bn.sex])
 (1) Obn.name#0bn.sex - Obn.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

| | Delta-method | | | | [95% Conf. Interval] | |
|----------|--------------|-----------|-------|-------|----------------------|----------|
| | Margin | Std. Err. | z | P> z | | |
| 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[Obn.p_sex] - _b[1.p_sex]
 (1) Obn.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

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

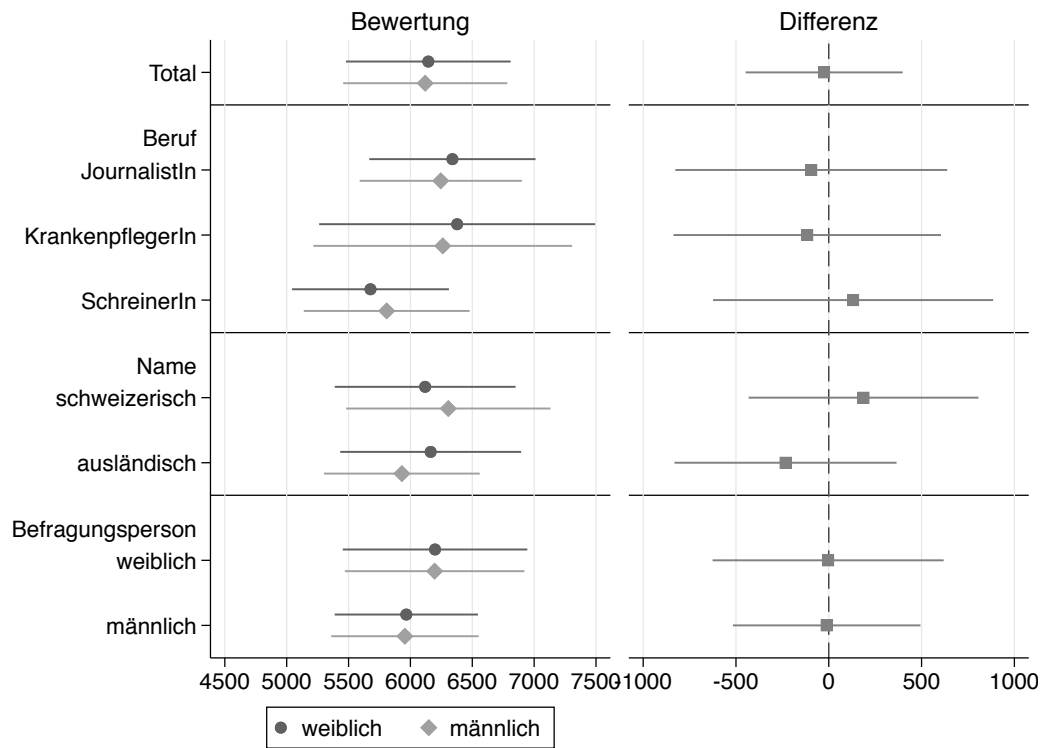
```
. capt prog drop adddiff
. program adddiff
1. tempname b V
2. mat `b' = e(b)
3. mat coln `b' = "0" "1"
4. erestpost b=`b', rename
5. mat `b' = e(b)
6. mat `V' = e(V)
7. qui lincom _b[1] - _b[0]
8. mat `b' = `b', r(estimate)
9. mat coln `b' = "0" "1" "d"
10. mat `V' = (`V', J(colsof(`V'), 1, 0)) \ (J(1, rowsof(`V'), 0), r(se)^2)
11. erestpost 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 | |
|--------------------|--------------|----------------|--------------|----------------|-----------|----------------|
| | $\hat{E}(Y)$ | $\hat{\sigma}$ | $\hat{E}(Y)$ | $\hat{\sigma}$ | 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 |

$\hat{E}(Y)$: 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

```

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

```

| rating | Robust | | t | P> t | [95% Conf. Interval] | |
|---------------|-----------|-----------|-------|-------|----------------------|----------|
| | Coef. | Std. Err. | | | | |
| 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 | | | t | P> t | [95% Conf. Interval] | |
|----------|--------------|-----------|-------|-------|-----------|----------------------|--|
| | Margin | Std. Err. | | | | | |
| 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 | | | t | P> t | [95% Conf. Interval] | |
|------------------|--------------|-----------|-------|-------|-----------|----------------------|--|
| | Margin | Std. Err. | | | | | |
| 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 ml
. margins job#sex, post
```

```
Predictive margins          Number of obs    =          365
Model VCE      : Robust
Expression    : Linear prediction, predict()
```

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

. margins name, post

Predictive margins Number of obs = 365

Model VCE : Robust

Expression : Linear prediction, predict()

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

. margins name#sex, post

Predictive margins Number of obs = 365

Model VCE : Robust

Expression : Linear prediction, predict()

| | Delta-method | | t | P> t | [95% Conf. Interval] | |
|------------------------|--------------|-----------|-------|-------|----------------------|-----------|
| | Margin | Std. Err. | | | | |
| 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 | | t | P> t | [95% Conf. Interval] | |
|----------|--------------|-----------|-------|-------|----------------------|----------|
| | Margin | Std. Err. | | | | |
| 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 | | t | P> t | [95% Conf. Interval] | |
|-------------------|--------------|-----------|-------|-------|----------------------|-----------|
| | Margin | Std. Err. | | | | |
| 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 |
|----------|------------|-------|------------|---------------|---|--------|
| Model | 725.79732 | 16 | 45.3623325 | F(16, 1895) | = | 19.64 |
| Residual | 4376.26283 | 1,895 | 2.30937352 | Prob > F | = | 0.0000 |
| | | | | 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
 Model VCE : OLS
 Expression : Linear prediction, predict()
 Number of obs = 1,912

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

. margins effort#sex, post

Predictive margins
 Model VCE : OLS
 Expression : Linear prediction, predict()
 Number of obs = 1,912

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

. margins marstat, post

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

Expression : Linear prediction, predict()

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

. lincom _b[Obn.marstat] - _b[1.marstat]

(1) Obn.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()

| | Delta-method | | t | P> t | [95% Conf. Interval] | |
|------------------------|--------------|-----------|------|-------|----------------------|----------|
| | Margin | Std. Err. | | | | |
| 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[Obn.marstat#Obn.sex] - _b[Obn.marstat#1.sex]

(1) Obn.marstat#Obn.sex - Obn.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#Obn.sex] - _b[1.marstat#1.sex]

(1) 1.marstat#Obn.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#Obn.sex] - _b[1.marstat#1.sex]) ///

> - (_b[Obn.marstat#Obn.sex] - _b[Obn.marstat#1.sex])

(1) - Obn.marstat#Obn.sex + Obn.marstat#1.sex + 1.marstat#Obn.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"
```

```

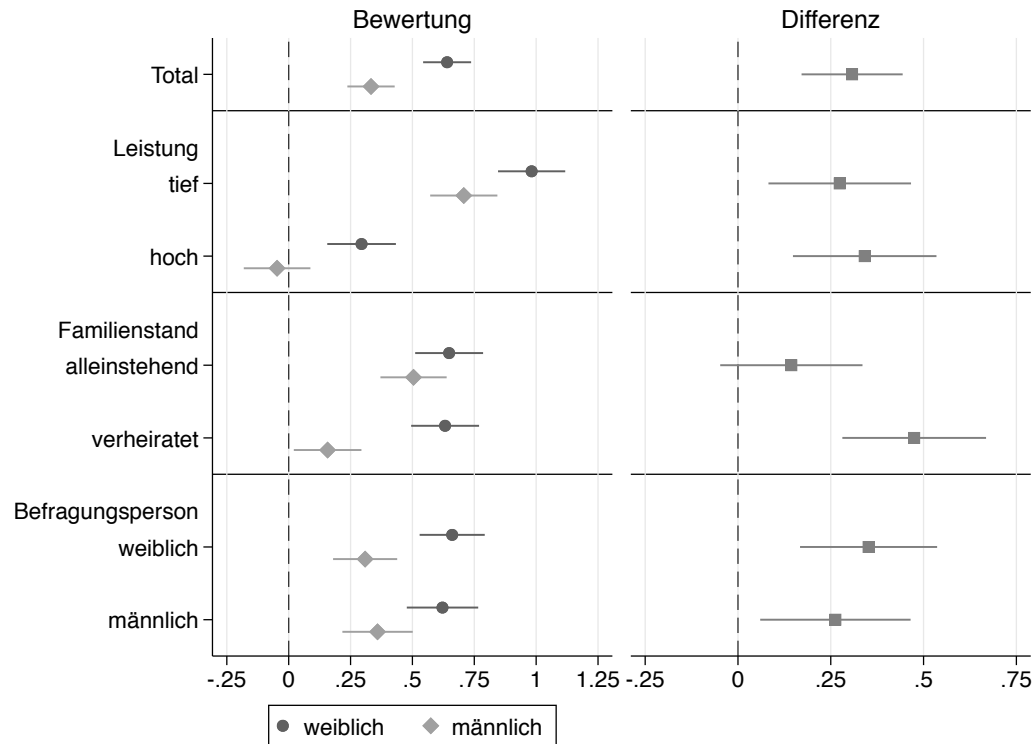
4.     erepost b=`b', rename
5.     mat `b' = e(b)
6.     mat `V' = e(V)
7.     qui lincom _b[0]-_b[1]
8.     mat `b' = `b', r(estimate)
9.     mat coln `b' = "0" "1" "d"
10.    mat `V' = (`V', J(colsof(`V'), 1, 0)) \ (J(1, rowsof(`V'), 0), r(se)^2)
11.    erepost b=`b' V=`V', rename
12. end

. 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)) ///
>   coepl(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 | |
|------------------|--------------|----------------|--------------|----------------|-----------|----------------|
| | $\hat{E}(Y)$ | $\hat{\sigma}$ | $\hat{E}(Y)$ | $\hat{\sigma}$ | 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 |

$\hat{E}(Y)$: 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
```

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

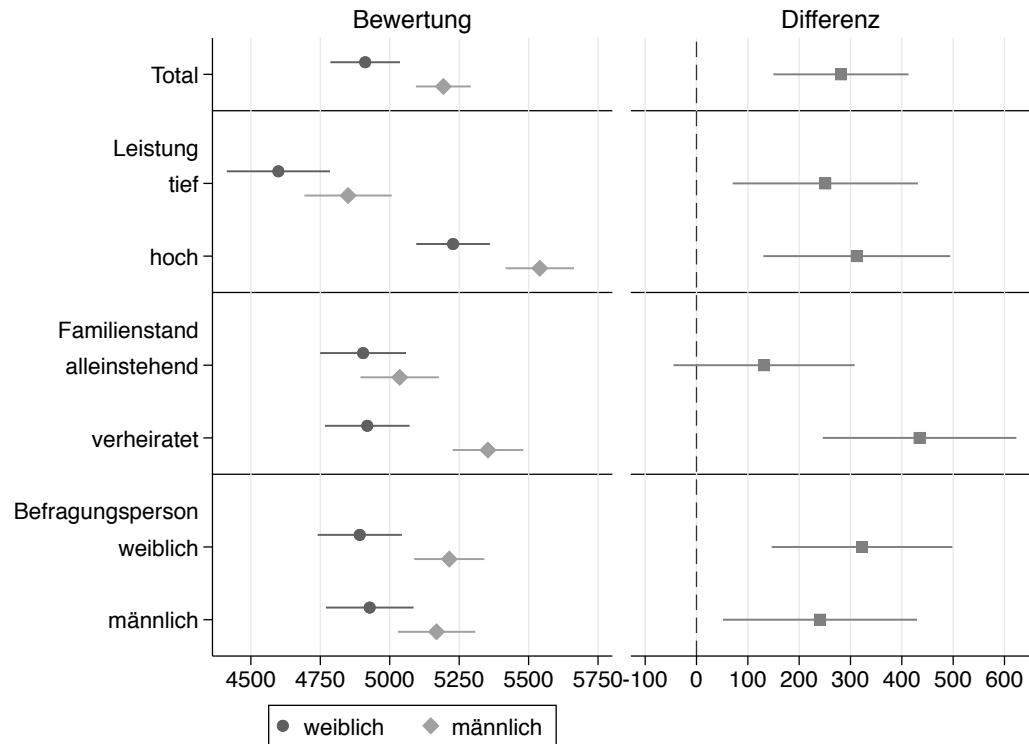
```

```

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)) ///
>   coepl(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 | |
|------------------|--------------|----------------|--------------|----------------|-----------|----------------|
| | $\hat{E}(Y)$ | $\hat{\sigma}$ | $\hat{E}(Y)$ | $\hat{\sigma}$ | 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 |

$\hat{E}(Y)$: 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
```

| rating | Linearized | | t | P> t | [95% Conf. Interval] | |
|--------------------|------------|-----------|-------|-------|----------------------|-----------|
| | Coef. | Std. Err. | | | | |
| 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 ml
. 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 PSUs = 1,912
Number of obs = 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 | Linearized | | t | P> t | [95% Conf. Interval] | |
|--------------------------|------------|-----------|-------|-------|----------------------|-----------|
| | Coef. | Std. Err. | | | | |
| 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()

```

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

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

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

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

| | Delta-method | | t | P> t | [95% Conf. Interval] | |
|------------------------|--------------|-----------|------|-------|----------------------|----------|
| | Margin | Std. Err. | | | | |
| 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(nbfsssprachreg,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 |
|----------|------------|-------|------------|---------------|---|--------|
| Model | 577.303452 | 8 | 72.1629315 | F(8, 1494) | = | 32.29 |
| Residual | 3338.8865 | 1,494 | 2.23486379 | Prob > F | = | 0.0000 |
| | | | | 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 |
|----------|------------|-------|------------|---------------|---|--------|
| Model | 583.982392 | 16 | 36.4988995 | F(16, 1486) | = | 16.28 |
| Residual | 3332.20756 | 1,486 | 2.24240078 | Prob > F | = | 0.0000 |
| | | | | 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 | | t | P> t | [95% Conf. Interval] | |
|----------|--------------|-----------|-------|-------|----------------------|----------|
| | Margin | Std. Err. | | | | |
| 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 | | t | P> t | [95% Conf. Interval] | |
|--------|--------------|-----------|-------|-------|----------------------|----------|
| | Margin | Std. Err. | | | | |
| 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 | | t | P> t | [95% Conf. Interval] | |
|---------------|--------------|-----------|-------|-------|----------------------|----------|
| | Margin | Std. Err. | | | | |
| 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) | | | | | | |

```

(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 | | t | P> t | [95% Conf. Interval] | |
|---------------|--------------|-----------|-------|-------|----------------------|----------|
| | Margin | Std. Err. | | | | |
| 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 | | t | P> t | [95% Conf. Interval] | |
|------------------------|--------------|-----------|------|-------|----------------------|----------|
| | Margin | Std. Err. | | | | |
| 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 | | t | P> t | [95% Conf. Interval] | |
|----------|--------------|-----------|------|-------|----------------------|----------|
| | Margin | Std. Err. | | | | |
| 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 | | t | P> t | [95% Conf. Interval] | |
|-------------------|--------------|-----------|------|-------|----------------------|----------|
| | Margin | Std. Err. | | | | |
| 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 PSUs = 1,503
Number of obs = 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 | Linearized | | t | P> t | [95% Conf. Interval] | |
|--------------------|------------|-----------|-------|-------|----------------------|-----------|
| | Coef. | Std. Err. | | | | |
| 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 PSUs = 1,503
Number of obs = 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 | Linearized | | t | P> t | [95% Conf. Interval] | |
|-------------|------------|-----------|-------|-------|----------------------|----------|
| | Coef. | Std. Err. | | | | |
| 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()

```

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

```

. lincom _b[Obn.sex] - _b[1.sex]
( 1) Obn.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()

```

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

```

. lincom _b[Obn.effort] - _b[1.effort]
( 1) Obn.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 ml
. margins effort#sex, post
```

```
Predictive margins          Number of obs    =    1,503
Model VCE      : Linearized
Expression     : Linear prediction, predict()
```

| | Delta-method | | t | P> t | [95% Conf. Interval] | |
|---------------|--------------|-----------|-------|-------|----------------------|----------|
| | Margin | Std. Err. | | | | |
| 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 ml
. margins marstat, post
```

```
Predictive margins          Number of obs    =    1,503
Model VCE      : Linearized
Expression     : Linear prediction, predict()
```

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

| | | | | | | |
|-----|----------|----------|------|-------|----------|----------|
| (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()

```

| | Delta-method | | t | P> t | [95% Conf. Interval] | |
|------------------------|--------------|-----------|------|-------|----------------------|----------|
| | Margin | Std. Err. | | | | |
| 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[Obn.marstat#0bn.sex] - _b[Obn.marstat#1.sex]
( 1) Obn.marstat#0bn.sex - Obn.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[Obn.marstat#0bn.sex] - _b[Obn.marstat#1.sex])
( 1) - Obn.marstat#0bn.sex + Obn.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()

```

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

```

. lincom _b[Obn.p_sex] - _b[1.p_sex]
( 1) Obn.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()

```

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

```

| | Delta-method | | | | |
|-------------------|--------------|-----------|------|-------|----------------------|
| | dy/dx | 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 | | |
|---------|-----------------------|-----------|----------------------|
| | dy/dx | 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

```

| | Delta-method | | | | |
|-------|--------------|-----------|------|-------|----------------------|
| | dy/dx | 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 | Delta-method | [95% Conf. Interval] | |
|-------|-------------------------------|----------|--------------|----------------------|----------|
| | | dy/dx | Std. Err. | | |
| 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

```

| | Delta-method | | | | |
|--------|--------------|-----------|------|-------|----------------------|
| | dy/dx | 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

```


| | | | |
|-------------|-----|------|--------|
| 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 = e1(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), e1(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 |

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 | Delta-method | [95% Conf. Interval] | |
|------------------------|----------|--------------|----------------------|----------|
| | dy/dx | Std. Err. | | |
| 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

| | Delta-method | t | P> t | [95% Conf. Interval] | |
|----------|--------------|-----------|------|----------------------|-------------------|
| | dy/dx | Std. Err. | | | |
| 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 | Delta-method | [95% Conf. Interval] | |
|------------------------|----------|--------------|----------------------|----------|
| | dy/dx | Std. Err. | | |
| 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(nbfsssprachreg,1,4) if nbfsssprachreg<.
. gen p_fr = inlist(nbfsssprachreg,2) if nbfsssprachreg<.
. gen p_it = inlist(nbfsssprachreg,3) if nbfsssprachreg<.
. // - 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

```

| | Delta-method | | | | |
|----------|--------------|-----------|------|-------|----------------------|
| | dy/dx | 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 | | | |

Expression : Linear prediction, predict()
 dy/dx w.r.t. : p_educ

| | Delta-method | | | | [95% Conf. Interval] | |
|--------|--------------|-----------|-------|-------|----------------------|-----------|
| | dy/dx | Std. Err. | t | P> t | | |
| 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 Delta-method | | | |
|-----------------------------------------|-----------------------|-----------|----------------------|----------|
| | dy/dx | 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

| | Delta-method | | | | [95% Conf. Interval] | |
|-------|--------------|-----------|-------|-------|----------------------|-----------|
| | dy/dx | Std. Err. | t | P> t | | |
| 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 Delta-method | | | |
|----------------------------------------|-----------------------|-----------|----------------------|----------|
| | dy/dx | 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 | <i>N</i> | Effekt | <i>N</i> | Effekt | <i>N</i> |
| Geschlecht (1 = männlich) | 0.335 (0.307) | 525 | -0.007 (0.351) | 364 | -0.089 (0.140) | 1912 |
| Alter (in Jahrzehnten) | 0.092 (0.099) | 522 | 0.022 (0.106) | 365 | 0.069 (0.044) | 1912 |
| Bildungsjahre | -0.146* (0.058) | 520 | -0.164* (0.080) | 362 | -0.034 (0.025) | 1899 |
| Einkommen (in tausend CHF) | -0.053 (0.059) | 459 | 0.056 (0.054) | 357 | -0.057+ (0.034) | 1678 |
| Politische Orientierung (1 = ganz links, 10 = ganz rechts) | 0.184* (0.085) | 507 | 0.063 (0.109) | 350 | | |

Standardfehler in Klammern; + $p < 0.1$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ (zweiseitig)

6 Tabelle Anhang: Einkommensbewertung nach experimentellen Kon- ditionen

```

. 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'), e1(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 | |
|------------------------|-----------|----------------|-----|-----------|----------------|-----|-------------------|----------------|
| | \bar{Y} | $\hat{\sigma}$ | N | \bar{Y} | $\hat{\sigma}$ | N | Δ | $\hat{\sigma}$ |
| <i>Experiment 1</i> | | | | | | | | |
| 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 |
| <i>Experiment 2</i> | | | | | | | | |
| 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 |
| <i>Experiment 3</i> | | | | | | | | |
| 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 |

\bar{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 = neinkhmm if neinkhmm<.
(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(nbfsssprachreg,1,4) if nbfsssprachreg<.
. gen p_fr = inlist(nbfsssprachreg,2) if nbfsssprachreg<.
. gen p_it = inlist(nbfsssprachreg,3) if nbfsssprachreg<.
. // - 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 | |
|---------------------------|--------------|----------|--------------|----------|--------------|----------|
| | \bar{X} | σ | \bar{X} | σ | \bar{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 | |

\bar{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