

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

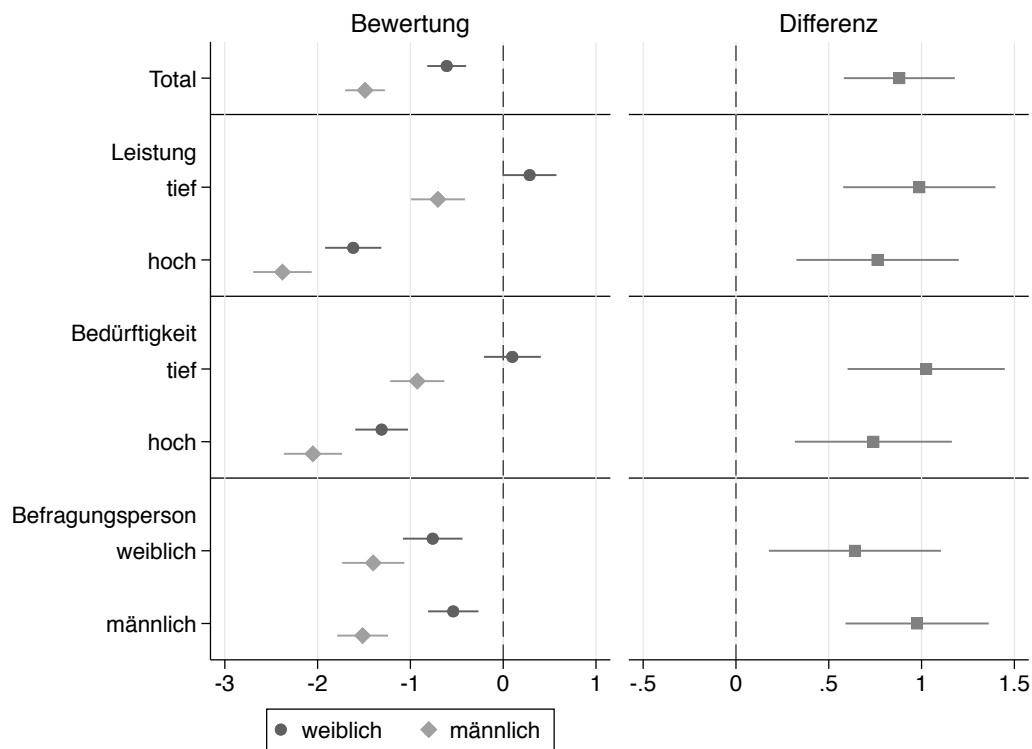
. qui est restore m2
. qui margins 0.p_sex#sex, post
. eststo p_sex0: adddiff

. 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


```

. 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

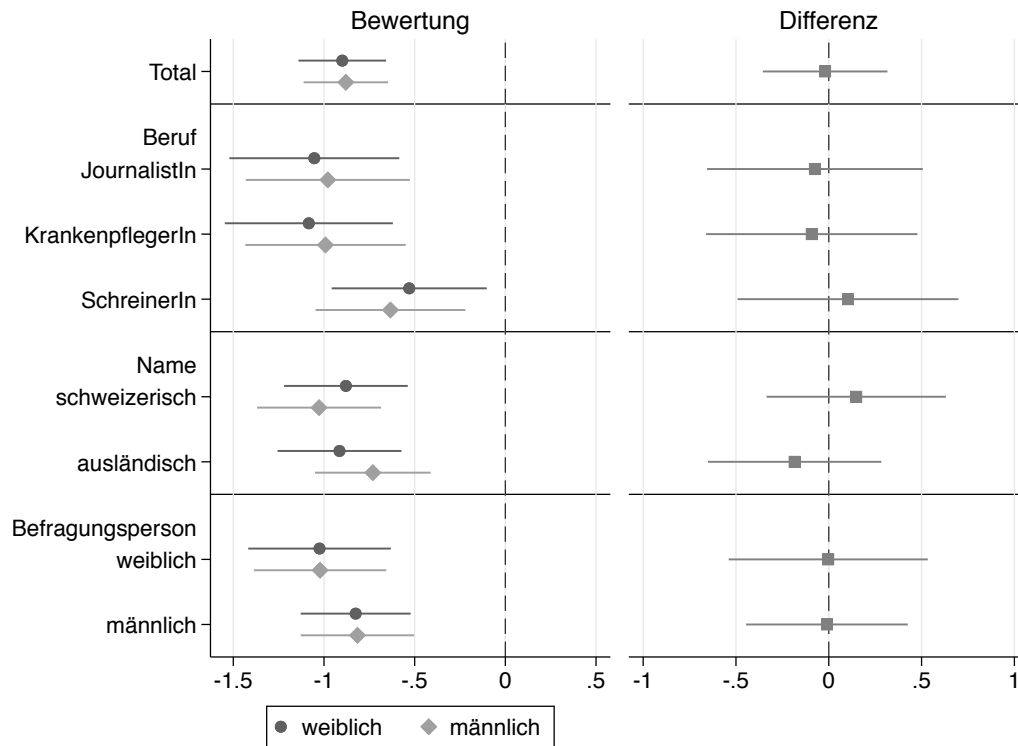
. qui est restore m1
. qui margins sex, post
. eststo Total: adddiff
. qui est restore m1
. qui margins 1.job#sex, post
. eststo job1: adddiff
. qui est restore m1
. qui margins 2.job#sex, post
. eststo job2: adddiff
. qui est restore m1
. qui margins 3.job#sex, post
. eststo job3: adddiff
. qui est 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

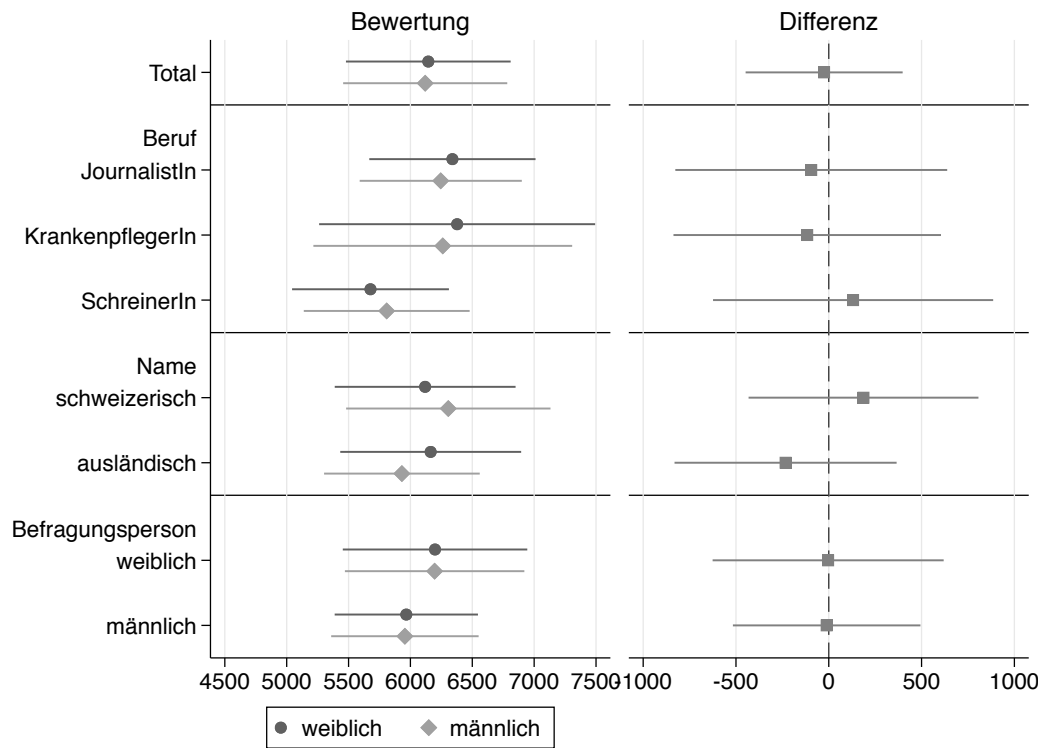
```
. capt prog drop adddiff
. program adddiff
1.   tempname b V
2.   mat `b' = e(b)
3.   mat coln `b' = "0" "1"
4.   erestpost b=`b', rename
5.   mat `b' = e(b)
6.   mat `V' = e(V)
7.   qui lincom _b[1] - _b[0]
8.   mat `b' = `b', r(estimate)
9.   mat coln `b' = "0" "1" "d"
10.  mat `V' = (`V', J(colsof(`V'), 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				[95% Conf. Interval]	
	Margin	Std. Err.	t	P> t		
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				[95% Conf. Interval]	
	Margin	Std. Err.	t	P> t		
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])
```


	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 m1

. 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 m1

. 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"
```

```

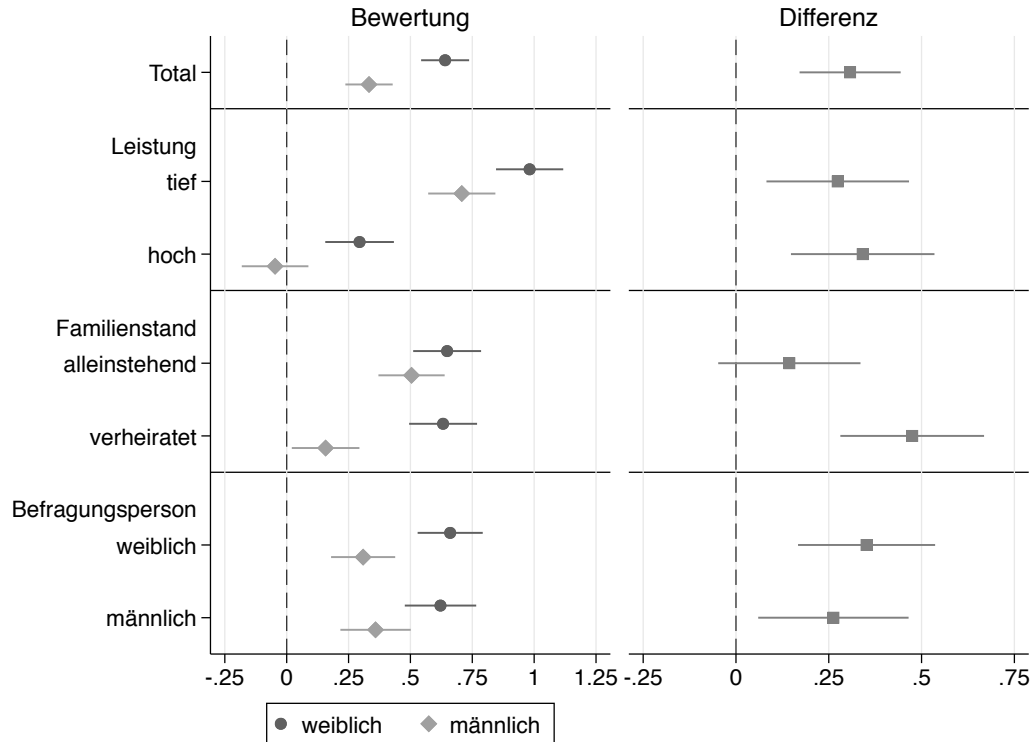
4.     erepost b=`b', rename
5.     mat `b' = e(b)
6.     mat `V' = e(V)
7.     qui lincom _b[0]-_b[1]
8.     mat `b' = `b', r(estimate)
9.     mat coln `b' = "0" "1" "d"
10.    mat `V' = (`V', J(colsof(`V'), 1, 0)) \ (J(1, rowsof(`V'), 0), r(se)^2)
11.    erepost b=`b' V=`V', rename
12. end

. 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 ml
. di 1 / _b[inc]
915.24939
. // Effekt des Geschlechts in der Vignette: Total
. qui est restore ml
. 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				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
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 ml
```

```

. 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		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
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		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
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

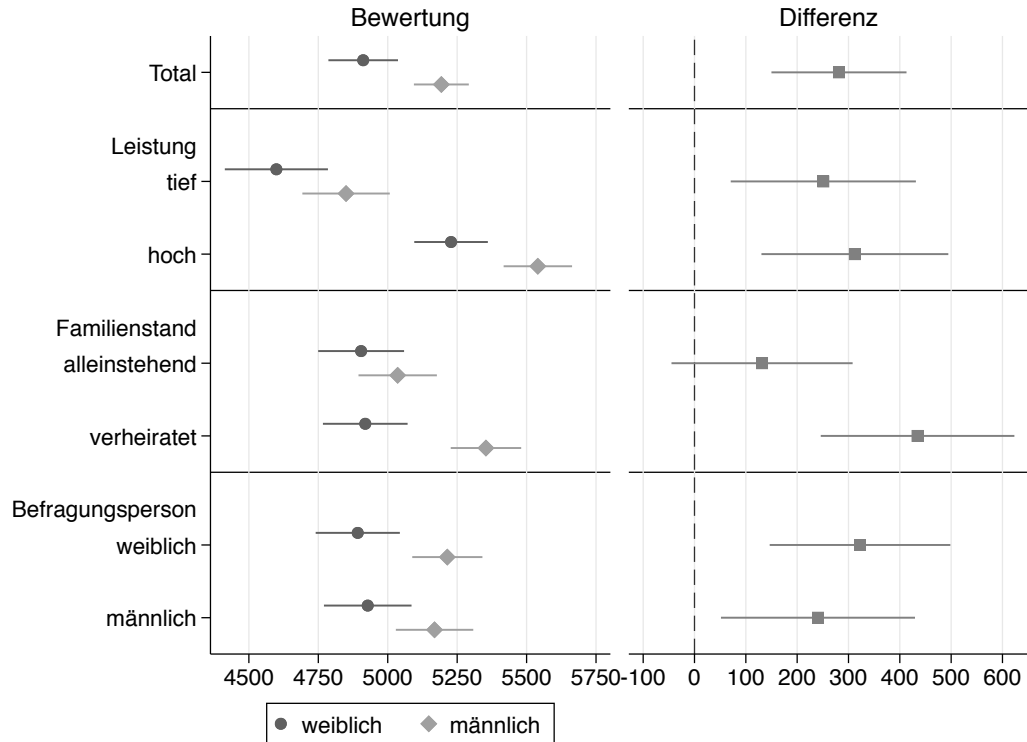
. capt prog drop adddiff
 . program adddiff

```

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)) ///
>   coefl(effort0 = "tief" effort1 = "hoch" marstat0 = "alleinstehend" ///
>         marstat1 = "verheiratet" p_sex0 = "weiblich" p_sex1 = "männlich") ///
>   heading(effort0 = "Leistung" marstat0 = "Familienstand" ///
>           p_sex0 = "Befragungsperson", gap(-.5) offset(0.5))
. addplot 1: , xlabel(4500(250)5750) norescaling legend(order(2 "weiblich" 4 "männlich") on)
. addplot 2: , xlabel(-100(100)600) norescaling legend(off) xline(0)

```



4.3.2 Tabelle zur Abbildung

```

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

```

	Frauen		Männer		Differenz	
	$\hat{E}(Y)$	$\hat{\sigma}$	$\hat{E}(Y)$	$\hat{\sigma}$	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 ml

. 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 ml

. 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		t	P> t	[95% Conf. Interval]	
	Margin	Std. Err.				
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		t	P> t	[95% Conf. Interval]	
	Margin	Std. Err.				
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			
	dy/dx	Std. Err.	t	[95% Conf. Interval]
p_age	sex	.0923203	.099304	-.1027787 .2874193
(weiblich vs männlich)				

```

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				
	dy/dx	Std. Err.	t	P> t	[95% Conf. Interval]
p_educ	-.0550707	.0127018	-4.34	0.000	-.0799818 -.0301595

Contrasts of average marginal effects

Model VCE : OLS

Expression : Linear prediction, predict()

dy/dx w.r.t. : p_educ

	df	F	P>F
p_educ sex	1	1.77	0.1840
Denominator	1882		

	Contrast 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				
	dy/dx	Std. Err.	t	P> t	[95% Conf. Interval]
p_inc	-.0815723	.0168794	-4.83	0.000	-.1146795 -.0484652

Contrasts of average marginal effects

Model VCE : OLS

Expression : Linear prediction, predict()

dy/dx w.r.t. : p_inc

	df	F	P>F
p_inc sex	1	2.85	0.0913
Denominator	1661		

	Contrast 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 = neinkhhm if neinkhhm<.
(170 missing values generated)
. recode p_inc 1=1000 2=3000 3=5000 4=7000 5=9000 6=11000 7=13000
(p_inc: 1742 changes made)
. replace p_inc = p_inc/sqrt(nhhtot)
(1,350 real changes made, 64 to missing)
. // - Sprachregion
. gen p_de = inlist(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