

Social Sampling

Version: 11 May, 2022

PCA and Correlation between DV questions

PCA

The principal component analysis has two components with eigen values bigger than one. As opposed to suggesting a two-dimensional structure, this likely reflects directionality of the items in which the straightforward items load onto one component and the reversed-coded items onto another (Green and Citrin 1994).

```
## Importance of components:
##               PC1      PC2      PC3      PC4
## Standard deviation  2.5028 1.1450 0.9831 0.80756
## Proportion of Variance 0.6814 0.1426 0.1051 0.07093
## Cumulative Proportion 0.6814 0.8239 0.9291 1.00000
```

Cronbach Alpha

```
##      Min. 1st Qu.  Median      Mean 3rd Qu.      Max.
## 0.7092 0.7092 0.7092 0.7092 0.7092 0.7092
```

Correlation

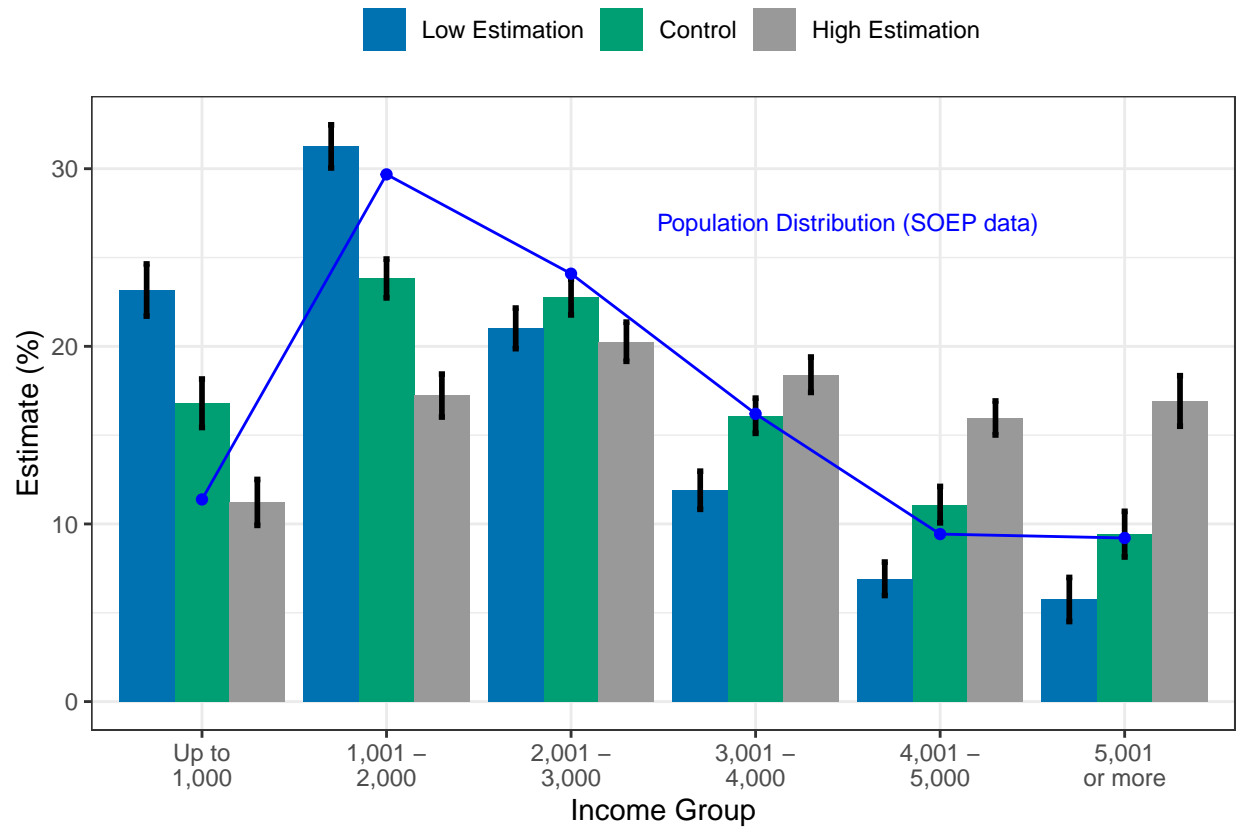
```
##      sosa.dv1 sosa.dv2 sosa.dv3 sosa.dv4 sosa123 sosa124 sosa134 sosa234
## sosa.dv1 1      0.27*  0.58*  0.35*  0.83*  0.74*  0.82*  0.53*
## sosa.dv2 0.27* 1      0.28*  0.37*  0.66*  0.71*  0.39*  0.72*
## sosa.dv3 0.58* 0.28* 1      0.4*   0.81*  0.58*  0.82*  0.74*
## sosa.dv4 0.35* 0.37* 0.4*   1      0.49*  0.78*  0.74*  0.8*
## sosa123 0.83* 0.66* 0.81*  0.49* 1      0.88*  0.89*  0.86*
## sosa124 0.74* 0.71* 0.58*  0.78* 0.88* 1      0.89*  0.91*
## sosa134 0.82* 0.39* 0.82*  0.74* 0.89* 0.89* 1      0.87*
## sosa234 0.53* 0.72* 0.74*  0.8*   0.86* 0.91* 0.87* 1
```

Proportion of Respondents Whose Distribution Estimates Sum Up to 100%

```
## != 100% ==100%  
##      1144      3007
```

```
##      != 100%      ==100%  
## 0.2755962 0.7244038
```

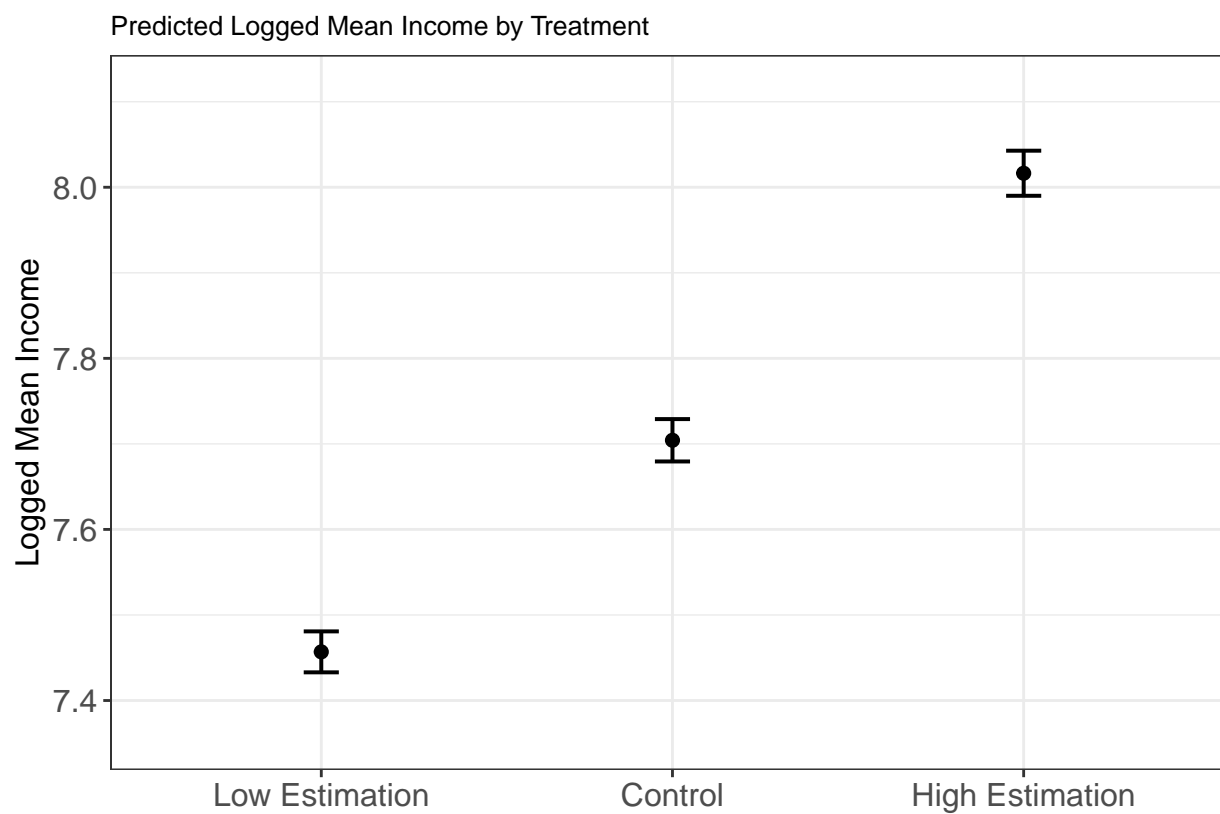
Income Distribution of Social Contacts by Treatment Assignment



Regression of Mean Income of Social Contacts on Treatment Assignment

```
## pdf
## 2
```

```
## pdf
## 2
```



Unmediated Model with Lavaan

Goodness of fit and unstandardized coefficients

```
## lavaan 0.6-9 ended normally after 14 iterations
##
##   Estimator                      ML
##   Optimization method          NLMINB
##   Number of model parameters      3
##
##                               Used      Total
##   Number of observations          4465      4493
##   Sampling weights variable      weight
##
## Model Test User Model:
##                               Standard      Robust
##   Test Statistic                  0.000      0.000
##   Degrees of freedom                0          0
##
## Model Test Baseline Model:
##
##   Test statistic                  2.298      1.939
##   Degrees of freedom                2          2
##   P-value                        0.317      0.379
##   Scaling correction factor        1.185
##
## User Model versus Baseline Model:
##
##   Comparative Fit Index (CFI)      1.000      1.000
##   Tucker-Lewis Index (TLI)        1.000      1.000
##
##   Robust Comparative Fit Index (CFI)      NA
##   Robust Tucker-Lewis Index (TLI)        NA
##
## Loglikelihood and Information Criteria:
##
##   Loglikelihood user model (H0)      -5934.195  -5934.195
##   Loglikelihood unrestricted model (H1) -5934.195  -5934.195
##
##   Akaike (AIC)                      11874.391  11874.391
##   Bayesian (BIC)                     11893.603  11893.603
##   Sample-size adjusted Bayesian (BIC)  11884.070  11884.070
##
## Root Mean Square Error of Approximation:
```

```

##
## RMSEA 0.000 0.000
## 90 Percent confidence interval - lower 0.000 0.000
## 90 Percent confidence interval - upper 0.000 0.000
## P-value RMSEA <= 0.05 NA NA
##
## Robust RMSEA 0.000
## 90 Percent confidence interval - lower 0.000
## 90 Percent confidence interval - upper 0.000
##
## Standardized Root Mean Square Residual:
##
## SRMR 0.000 0.000
##
## Parameter Estimates:
##
## Standard errors Sandwich
## Information bread Observed
## Observed information based on Hessian
##
## Regressions:
## Estimate Std.Err z-value P(>|z|)
## redistribute ~
## tr_high -0.047 0.036 -1.312 0.190
## tr_low -0.008 0.036 -0.214 0.831
##
## Variances:
## Estimate Std.Err z-value P(>|z|)
## .redistribute 0.835 0.020 41.113 0.000
##
## R-Square:
## Estimate
## redistribute 0.001

```

Standardized coefficients

```

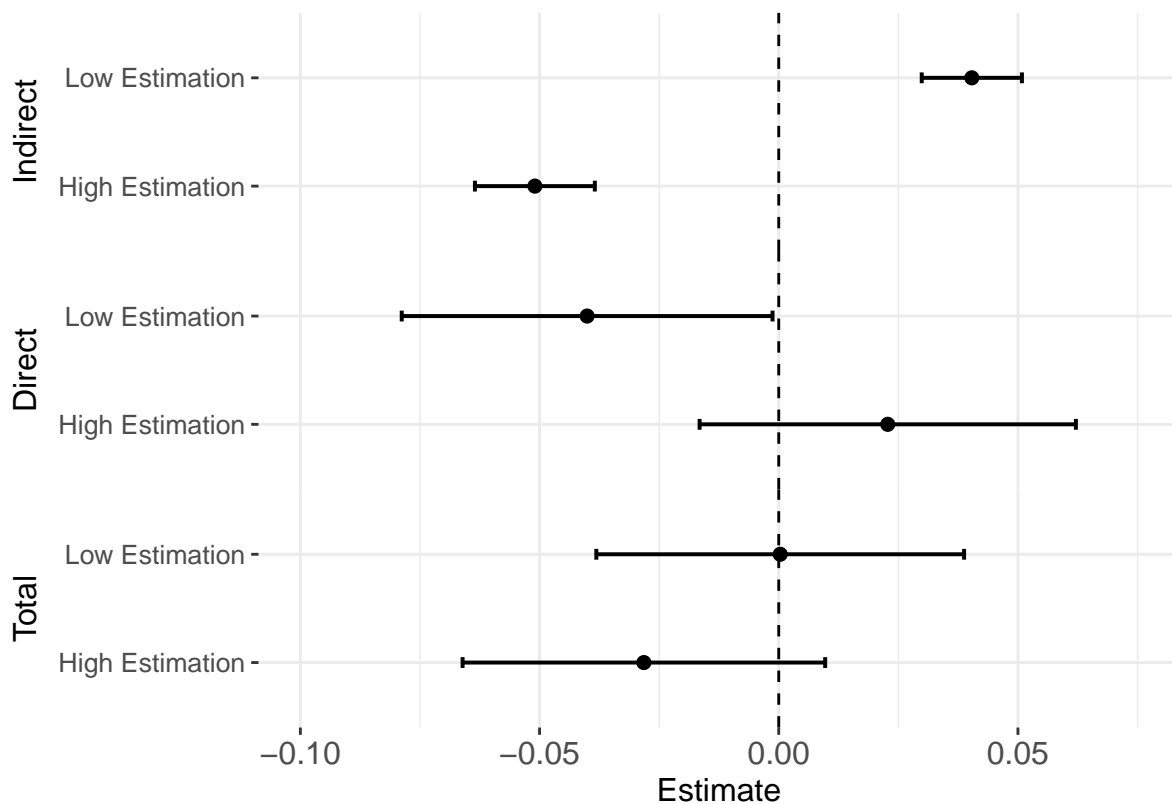
## lhs op rhs est.std se pvalue
## 1 redistribute ~ tr_high -0.024 0.019 0.189
## 2 redistribute ~ tr_low -0.004 0.019 0.831

```

Basic Mediation Model With No Covariates

```
## Warning: Removed 3 rows containing missing values (geom_hline).
```

```
## Warning: Removed 3 rows containing missing values (geom_hline).
```



Goodness of fit and unstandardized coefficients

```
## lavaan 0.6-9 ended normally after 23 iterations
```

```
##
```

```
## Estimator ML
```

```
## Optimization method NLMINB
```

```
## Number of model parameters 7
```

```
##
```

```
## Used Total
```

```
## Number of observations 4104 4493
```

```
## Sampling weights variable weight
```

```
##
```

```
## Model Test User Model:
```

	Standard	Robust
## Test Statistic	0.000	0.000
## Degrees of freedom	0	0
##		
## Model Test Baseline Model:		
##		
## Test statistic	1079.643	863.787
## Degrees of freedom	5	5
## P-value	0.000	0.000
## Scaling correction factor		1.250
##		
## User Model versus Baseline Model:		
##		
## Comparative Fit Index (CFI)	1.000	1.000
## Tucker-Lewis Index (TLI)	1.000	1.000
##		
## Robust Comparative Fit Index (CFI)		NA
## Robust Tucker-Lewis Index (TLI)		NA
##		
## Loglikelihood and Information Criteria:		
##		
## Loglikelihood user model (H0)	-7832.366	-7832.366
## Loglikelihood unrestricted model (H1)	-7832.366	-7832.366
##		
## Akaike (AIC)	15678.733	15678.733
## Bayesian (BIC)	15722.971	15722.971
## Sample-size adjusted Bayesian (BIC)	15700.728	15700.728
##		
## Root Mean Square Error of Approximation:		
##		
## RMSEA	0.000	0.000
## 90 Percent confidence interval - lower	0.000	0.000
## 90 Percent confidence interval - upper	0.000	0.000
## P-value RMSEA <= 0.05	NA	NA
##		
## Robust RMSEA		0.000
## 90 Percent confidence interval - lower		0.000
## 90 Percent confidence interval - upper		0.000
##		
## Standardized Root Mean Square Residual:		
##		
## SRMR	0.000	0.000
##		
## Parameter Estimates:		
##		


```

##      Standard errors                                Sandwich
##      Information bread                               Observed
##      Observed information based on                   Hessian
##
## Regressions:
##              Estimate   Std.Err   z-value   P(>|z|)
## redistribute ~
##   tr_high (c_hg)    0.044    0.039    1.135    0.256
##   tr_low  (c_lw)   -0.078    0.039   -2.022    0.043
##   meaninc  (b)    -0.318    0.036   -8.856    0.000
## meaninc ~
##   tr_high (a_hg)    0.311    0.019   16.763    0.000
##   tr_low  (a_lw)   -0.247    0.018  -13.997    0.000
##
## Variances:
##              Estimate   Std.Err   z-value   P(>|z|)
##   .redistribute    0.815    0.021   39.190    0.000
##   .meaninc         0.191    0.005   41.344    0.000
##
## R-Square:
##              Estimate
##   redistribute    0.024
##   meaninc         0.212
##
## Defined Parameters:
##              Estimate   Std.Err   z-value   P(>|z|)
##   indirect_low    0.079    0.011    7.448    0.000
##   indirect_high   -0.099    0.013   -7.858    0.000
##   total_low       0.001    0.038    0.016    0.988
##   total_high      -0.055    0.038   -1.458    0.145

```

Standardized coefficients

```

##              lhs op              rhs est.std   se pvalue
## 1 redistribute ~            tr_high  0.023 0.020 0.256
## 2 redistribute ~            tr_low  -0.040 0.020 0.043
## 3 redistribute ~            meaninc -0.172 0.019 0.000
## 4 meaninc ~            tr_high  0.297 0.017 0.000
## 5 meaninc ~            tr_low  -0.235 0.017 0.000
## 11 indirect_low :=          a_low*b   0.040 0.005 0.000
## 12 indirect_high :=         a_high*b -0.051 0.006 0.000
## 13 total_low :=    c_low+(a_low*b)  0.000 0.020 0.988
## 14 total_high := c_high+(a_high*b) -0.028 0.019 0.145

```

Conditional Mediation Model with No Covariates

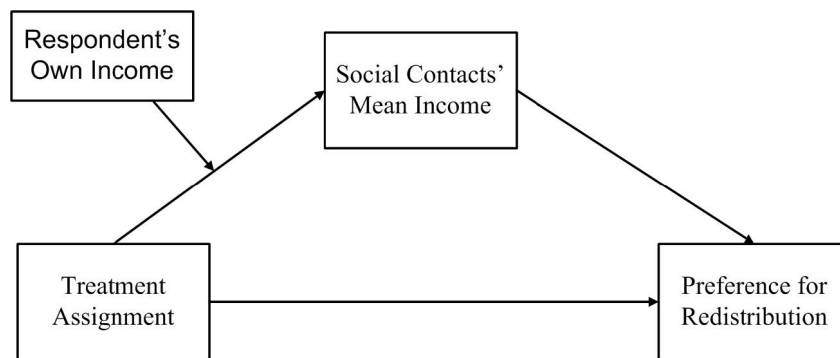
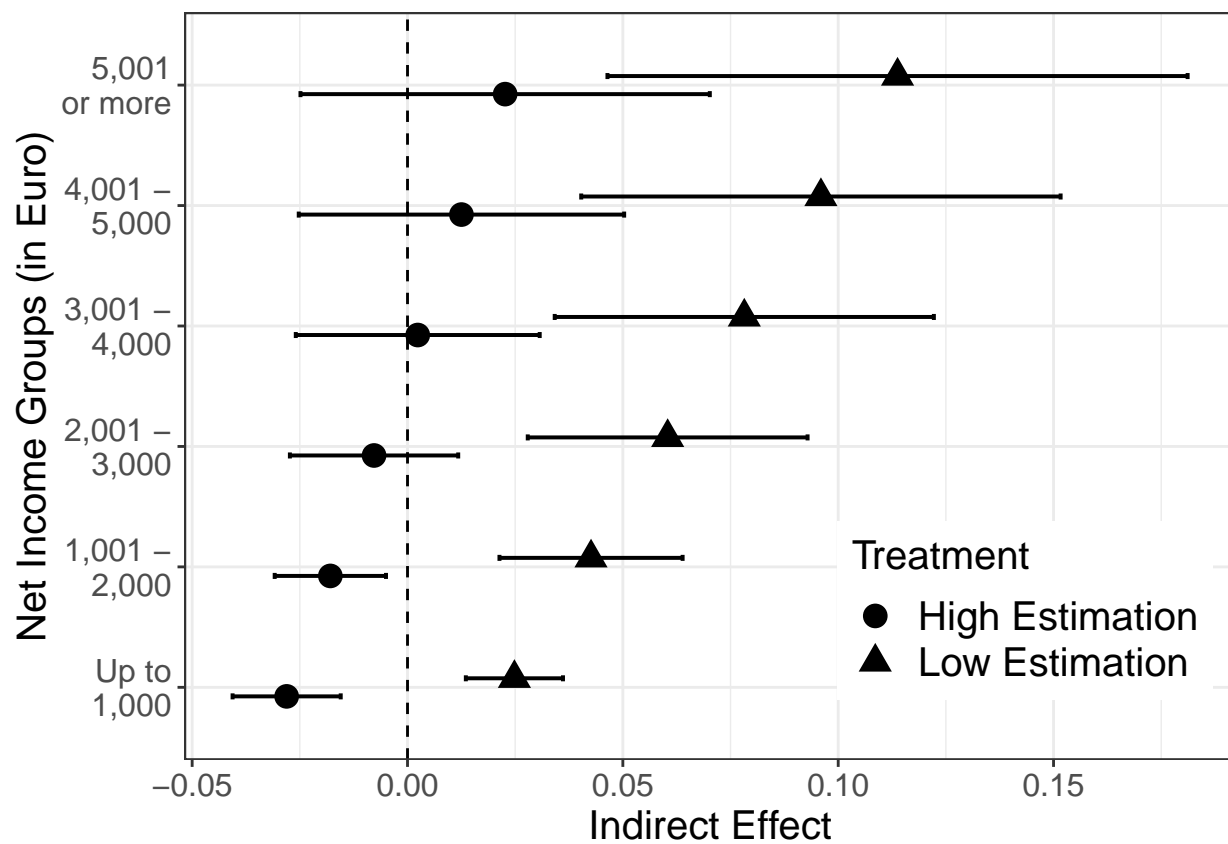


Figure 1: Conditional Mediation Model



Goodness of fit and unstandardized coefficients

lavaan 0.6-9 ended normally after 31 iterations

##

Estimator

ML

```

## Optimization method NLMINB
## Number of model parameters 11
##
## Used Total
## Number of observations 3789 4493
## Sampling weights variable weight
##
## Model Test User Model:
## Standard Robust
## Test Statistic 3.841 2.965
## Degrees of freedom 2 2
## P-value (Chi-square) 0.147 0.227
## Scaling correction factor 1.295
## Yuan-Bentler correction (Mplus variant)
##
## Model Test Baseline Model:
##
## Test statistic 1749.826 1348.126
## Degrees of freedom 11 11
## P-value 0.000 0.000
## Scaling correction factor 1.298
##
## User Model versus Baseline Model:
##
## Comparative Fit Index (CFI) 0.999 0.999
## Tucker-Lewis Index (TLI) 0.994 0.996
##
## Robust Comparative Fit Index (CFI) 0.999
## Robust Tucker-Lewis Index (TLI) 0.996
##
## Loglikelihood and Information Criteria:
##
## Loglikelihood user model (H0) -6844.357 -6844.357
## Scaling correction factor 1.268
## for the MLR correction
## Loglikelihood unrestricted model (H1) -6842.436 -6842.436
## Scaling correction factor 1.272
## for the MLR correction
##
## Akaike (AIC) 13710.713 13710.713
## Bayesian (BIC) 13779.352 13779.352
## Sample-size adjusted Bayesian (BIC) 13744.399 13744.399
##
## Root Mean Square Error of Approximation:
##

```

```

## RMSEA                                0.016      0.011
## 90 Percent confidence interval - lower 0.000      0.000
## 90 Percent confidence interval - upper 0.039      0.033
## P-value RMSEA <= 0.05                0.995      0.999
##
## Robust RMSEA                                0.013
## 90 Percent confidence interval - lower 0.000
## 90 Percent confidence interval - upper 0.041
##
## Standardized Root Mean Square Residual:
##
## SRMR                                0.002      0.002
##
## Parameter Estimates:
##
## Standard errors                        Sandwich
## Information bread                     Observed
## Observed information based on         Hessian
##
## Regressions:
##           Estimate Std.Err  z-value  P(>|z|)
## redistribute ~
##   tr_high (c_hg)   -0.008   0.040   -0.190   0.849
##   tr_low  (c_lw)   -0.052   0.040   -1.322   0.186
##   meaninc    (b)   -0.183   0.041   -4.493   0.000
##   incgrps (c_nc)   -0.114   0.013   -8.906   0.000
## meaninc ~
##   tr_high (a_hg)    0.404   0.049    8.260   0.000
##   tr_low  (a_lw)   -0.074   0.046   -1.624   0.104
##   incgrps (a_nc)    0.146   0.009   16.775   0.000
##   int_l_n (a_l_)   -0.051   0.013   -3.938   0.000
##   int_h_n (a_h_)   -0.028   0.013   -2.175   0.030
##
## Variances:
##           Estimate Std.Err  z-value  P(>|z|)
##   .redistribute    0.785   0.021   37.114   0.000
##   .meaninc         0.162   0.004   37.490   0.000
##
## R-Square:
##           Estimate
##   redistribute    0.051
##   meaninc         0.335
##
## Defined Parameters:
##           Estimate Std.Err  z-value  P(>|z|)

```

##	ind_tlo_inc1	0.023	0.008	2.848	0.004
##	ind_tlo_inc2	0.032	0.008	3.843	0.000
##	ind_tlo_inc3	0.041	0.010	4.244	0.000
##	ind_tlo_inc4	0.051	0.012	4.279	0.000
##	ind_tlo_inc5	0.060	0.014	4.186	0.000
##	ind_tlo_inc6	0.069	0.017	4.066	0.000
##	ind_thi_inc1	-0.069	0.017	-4.121	0.000
##	ind_thi_inc2	-0.064	0.015	-4.268	0.000
##	ind_thi_inc3	-0.059	0.013	-4.362	0.000
##	ind_thi_inc4	-0.053	0.012	-4.341	0.000
##	ind_thi_inc5	-0.048	0.012	-4.133	0.000
##	ind_thi_inc6	-0.043	0.012	-3.711	0.000
##	dir_tlo	-0.052	0.040	-1.322	0.186
##	dir_thi	-0.008	0.040	-0.190	0.849
##	tot_tlo_inc1	-0.029	0.039	-0.752	0.452
##	tot_tlo_inc2	-0.020	0.039	-0.519	0.604
##	tot_tlo_inc3	-0.011	0.039	-0.280	0.779
##	tot_tlo_inc4	-0.002	0.039	-0.040	0.968
##	tot_tlo_inc5	0.008	0.039	0.198	0.843
##	tot_tlo_inc6	0.017	0.040	0.428	0.669
##	tot_thi_inc1	-0.076	0.039	-1.980	0.048
##	tot_thi_inc2	-0.071	0.038	-1.859	0.063
##	tot_thi_inc3	-0.066	0.038	-1.728	0.084
##	tot_thi_inc4	-0.061	0.038	-1.590	0.112
##	tot_thi_inc5	-0.056	0.039	-1.445	0.148
##	tot_thi_inc6	-0.051	0.039	-1.297	0.195
##	index.lo	0.009	0.003	2.947	0.003
##	index.hi	0.005	0.003	1.958	0.050

Standardized coefficients

##	lhs	op	rhs	est.std	se	pvalue
## 1	redistribute	~	tr_high	-0.004	0.021	0.849
## 2	redistribute	~	tr_low	-0.027	0.020	0.186
## 3	redistribute	~	meaninc	-0.099	0.022	0.000
## 4	redistribute	~	incgroups	-0.174	0.019	0.000
## 5	meaninc	~	tr_high	0.385	0.046	0.000
## 6	meaninc	~	tr_low	-0.071	0.044	0.104
## 7	meaninc	~	incgroups	0.410	0.024	0.000
## 8	meaninc	~	int_lo_incgroups	-0.179	0.045	0.000
## 9	meaninc	~	int_hi_incgroups	-0.102	0.047	0.030
## 27	ind_tlo_inc1	:=	a_low*b+a_lo_inc*1*b	0.025	0.006	0.000
## 28	ind_tlo_inc2	:=	a_low*b+a_lo_inc*2*b	0.043	0.011	0.000
## 29	ind_tlo_inc3	:=	a_low*b+a_lo_inc*3*b	0.060	0.017	0.000

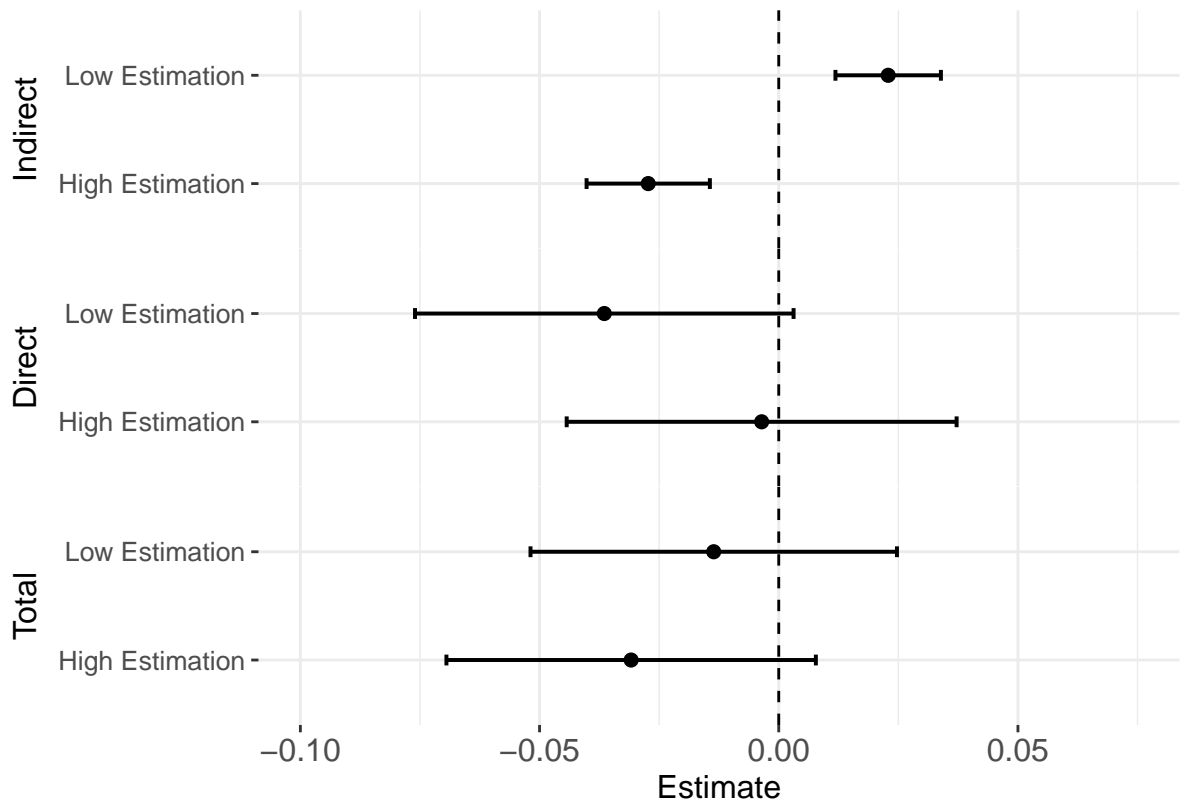
```

## 30 ind_tlo_inc4 := a_low*b+a_lo_inc*4*b    0.078 0.022 0.000
## 31 ind_tlo_inc5 := a_low*b+a_lo_inc*5*b    0.096 0.028 0.001
## 32 ind_tlo_inc6 := a_low*b+a_lo_inc*6*b    0.114 0.034 0.001
## 33 ind_thi_inc1 := a_high*b+a_hi_inc*1*b   -0.028 0.006 0.000
## 34 ind_thi_inc2 := a_high*b+a_hi_inc*2*b   -0.018 0.007 0.007
## 35 ind_thi_inc3 := a_high*b+a_hi_inc*3*b   -0.008 0.010 0.436
## 36 ind_thi_inc4 := a_high*b+a_hi_inc*4*b    0.002 0.014 0.869
## 37 ind_thi_inc5 := a_high*b+a_hi_inc*5*b    0.013 0.019 0.516
## 38 ind_thi_inc6 := a_high*b+a_hi_inc*6*b    0.023 0.024 0.350
## 39      dir_tlo :=                      c_low -0.027 0.020 0.186
## 40      dir_thi :=                      c_high -0.004 0.021 0.849
## 41 tot_tlo_inc1 := ind_tlo_inc1+dir_tlo   -0.002 0.020 0.913
## 42 tot_tlo_inc2 := ind_tlo_inc2+dir_tlo    0.016 0.021 0.463
## 43 tot_tlo_inc3 := ind_tlo_inc3+dir_tlo    0.033 0.024 0.164
## 44 tot_tlo_inc4 := ind_tlo_inc4+dir_tlo    0.051 0.028 0.066
## 45 tot_tlo_inc5 := ind_tlo_inc5+dir_tlo    0.069 0.032 0.033
## 46 tot_tlo_inc6 := ind_tlo_inc6+dir_tlo    0.087 0.037 0.020
## 47 tot_thi_inc1 := ind_thi_inc1+dir_thi   -0.032 0.020 0.106
## 48 tot_thi_inc2 := ind_thi_inc2+dir_thi   -0.022 0.021 0.293
## 49 tot_thi_inc3 := ind_thi_inc3+dir_thi   -0.012 0.023 0.609
## 50 tot_thi_inc4 := ind_thi_inc4+dir_thi   -0.002 0.026 0.951
## 51 tot_thi_inc5 := ind_thi_inc5+dir_thi    0.009 0.030 0.772
## 52 tot_thi_inc6 := ind_thi_inc6+dir_thi    0.019 0.034 0.578
## 53      index.lo :=                      a_lo_inc*b 0.018 0.006 0.003
## 54      index.hi :=                      a_hi_inc*b 0.010 0.005 0.050

```

Online Appendix: Basic Mediation Model (with Covariates)

```
## Warning: Removed 3 rows containing missing values (geom_hline).
```



Goodness of fit and unstandardized coefficients

```
## lavaan 0.6-9 ended normally after 39 iterations
##
##   Estimator                      ML
##   Optimization method          NLMINB
##   Number of model parameters    21
##
##                               Used      Total
##   Number of observations        3422    4493
##   Sampling weights variable     weight
##
## Model Test User Model:
##                               Standard    Robust
```

##	Test Statistic	0.000	0.000
##	Degrees of freedom	0	0
##			
##	Model Test Baseline Model:		
##			
##	Test statistic	2137.751	1580.511
##	Degrees of freedom	19	19
##	P-value	0.000	0.000
##	Scaling correction factor		1.353
##			
##	User Model versus Baseline Model:		
##			
##	Comparative Fit Index (CFI)	1.000	1.000
##	Tucker-Lewis Index (TLI)	1.000	1.000
##			
##	Robust Comparative Fit Index (CFI)		1.000
##	Robust Tucker-Lewis Index (TLI)		1.000
##			
##	Loglikelihood and Information Criteria:		
##			
##	Loglikelihood user model (H0)	-5915.480	-5915.480
##	Loglikelihood unrestricted model (H1)	-5915.480	-5915.480
##			
##	Akaike (AIC)	11872.960	11872.960
##	Bayesian (BIC)	12001.858	12001.858
##	Sample-size adjusted Bayesian (BIC)	11935.131	11935.131
##			
##	Root Mean Square Error of Approximation:		
##			
##	RMSEA	0.000	0.000
##	90 Percent confidence interval - lower	0.000	0.000
##	90 Percent confidence interval - upper	0.000	0.000
##	P-value RMSEA <= 0.05	NA	NA
##			
##	Robust RMSEA		0.000
##	90 Percent confidence interval - lower		0.000
##	90 Percent confidence interval - upper		0.000
##			
##	Standardized Root Mean Square Residual:		
##			
##	SRMR	0.000	0.000
##			
##	Parameter Estimates:		
##			
##	Standard errors	Sandwich	


```

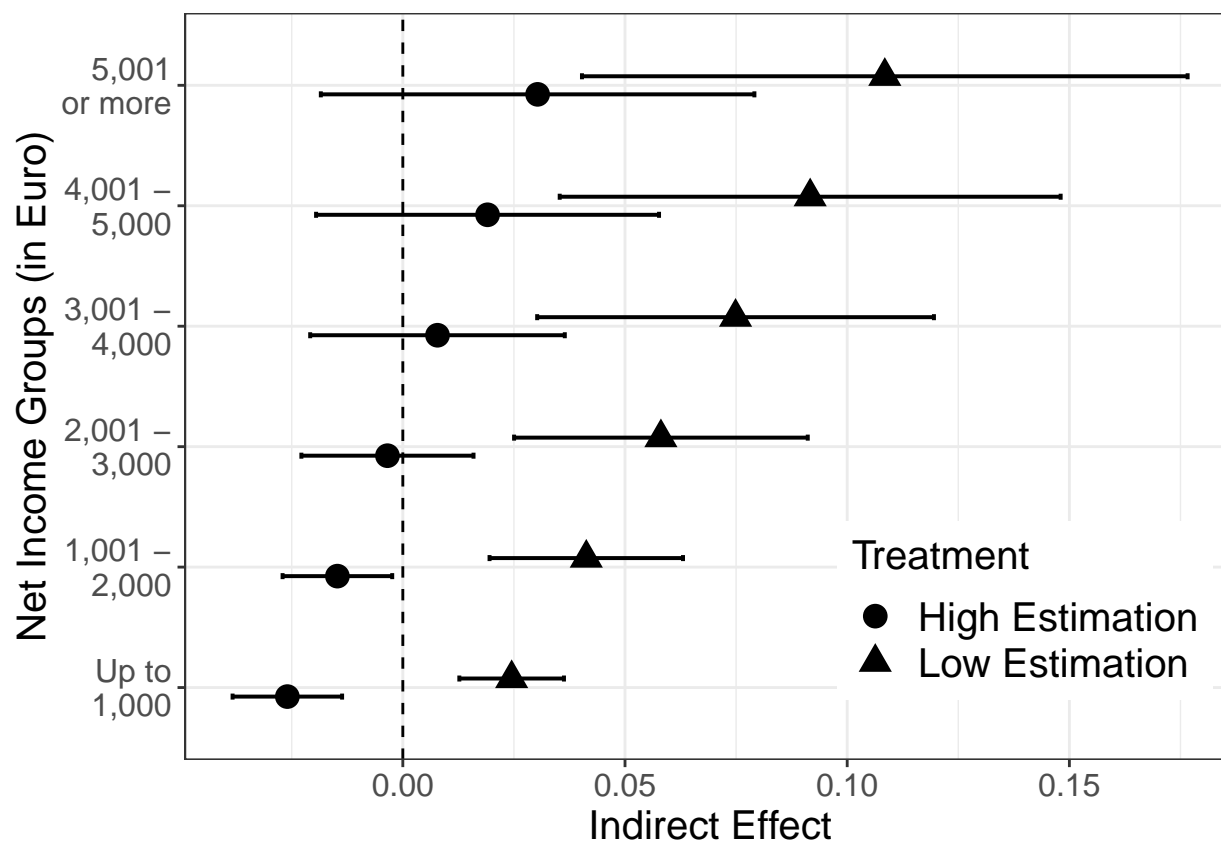
##      Information bread                                Observed
##      Observed information based on                    Hessian
##
## Regressions:
##              Estimate   Std.Err   z-value   P(>|z|)
## redistribute ~
##   tr_high (c_hg)   -0.007    0.041    -0.172    0.864
##   tr_low  (c_lw)   -0.071    0.039    -1.803    0.071
##   meaninc      (b)  -0.175    0.041    -4.235    0.000
##   age                               -0.002    0.001    -2.227    0.026
##   female                               0.032    0.033     0.954    0.340
##   edu                               -0.080    0.017    -4.588    0.000
##   incgrps                               -0.091    0.013    -6.796    0.000
##   tx_wlfr                               0.099    0.009    10.401    0.000
##   ideology          -0.112    0.010   -11.053    0.000
##   plntrst            0.045    0.020     2.306    0.021
## meaninc ~
##   tr_high (a_hg)    0.304    0.018    16.805    0.000
##   tr_low  (a_lw)   -0.256    0.018   -14.462    0.000
##   age                               0.001    0.000     2.223    0.026
##   female          -0.055    0.015    -3.545    0.000
##   edu              0.033    0.008     3.956    0.000
##   incgrps          0.108    0.006    17.457    0.000
##   tx_wlfr         -0.000    0.004    -0.015    0.988
##   ideology          0.003    0.004     0.670    0.503
##   plntrst          0.020    0.008     2.375    0.018
##
## Variances:
##              Estimate   Std.Err   z-value   P(>|z|)
##   .redistribute      0.692    0.020    34.200    0.000
##   .meaninc           0.157    0.004    36.023    0.000
##
## R-Square:
##              Estimate
##   redistribute      0.178
##   meaninc           0.349
##
## Defined Parameters:
##              Estimate   Std.Err   z-value   P(>|z|)
##   indirect_low      0.045    0.011     4.051    0.000
##   indirect_high     -0.053    0.013    -4.131    0.000
##   total_low         -0.027    0.038    -0.695    0.487
##   total_high        -0.060    0.038    -1.564    0.118

```

Standardized coefficients

##	lhs	op	rhs	est.std	se	pvalue
## 1	redistribute	~	tr_high	-0.004	0.021	0.864
## 2	redistribute	~	tr_low	-0.036	0.020	0.071
## 3	redistribute	~	meaninc	-0.094	0.022	0.000
## 4	redistribute	~	age	-0.043	0.019	0.026
## 5	redistribute	~	female	0.017	0.018	0.339
## 6	redistribute	~	edu	-0.088	0.019	0.000
## 7	redistribute	~	incgroups	-0.138	0.020	0.000
## 8	redistribute	~	tax_welfare	0.221	0.020	0.000
## 9	redistribute	~	ideology	-0.221	0.020	0.000
## 10	redistribute	~	polinterest	0.047	0.020	0.021
## 11	meaninc	~	tr_high	0.292	0.017	0.000
## 12	meaninc	~	tr_low	-0.245	0.017	0.000
## 13	meaninc	~	age	0.037	0.017	0.026
## 14	meaninc	~	female	-0.056	0.016	0.000
## 15	meaninc	~	edu	0.068	0.017	0.000
## 16	meaninc	~	incgroups	0.304	0.017	0.000
## 17	meaninc	~	tax_welfare	0.000	0.017	0.988
## 18	meaninc	~	ideology	0.011	0.016	0.503
## 19	meaninc	~	polinterest	0.039	0.016	0.017
## 67	indirect_low	:=	a_low*b	0.023	0.006	0.000
## 68	indirect_high	:=	a_high*b	-0.027	0.007	0.000
## 69	total_low	:=	c_low+(a_low*b)	-0.014	0.020	0.487
## 70	total_high	:=	c_high+(a_high*b)	-0.031	0.020	0.117

Online Appendix: Conditional Mediation Model (With Covariates)



Goodness of fit and unstandardized coefficients

```
## lavaan 0.6-9 ended normally after 45 iterations
```

```
##
```

```
## Estimator ML
```

```
## Optimization method NLMINB
```

```
## Number of model parameters 23
```

```
##
```

```
## Used Total
```

```
## Number of observations 3422 4493
```

```
## Sampling weights variable weight
```

```
##
```

```
## Model Test User Model:
```

```
## Standard Robust
```

```
## Test Statistic 4.565 3.569
```

```
## Degrees of freedom 2 2
```

##	P-value (Chi-square)	0.102	0.168
##	Scaling correction factor		1.279
##	Yuan-Bentler correction (Mplus variant)		
##			
##	Model Test Baseline Model:		
##			
##	Test statistic	2159.799	1607.126
##	Degrees of freedom	23	23
##	P-value	0.000	0.000
##	Scaling correction factor		1.344
##			
##	User Model versus Baseline Model:		
##			
##	Comparative Fit Index (CFI)	0.999	0.999
##	Tucker-Lewis Index (TLI)	0.986	0.989
##			
##	Robust Comparative Fit Index (CFI)		0.999
##	Robust Tucker-Lewis Index (TLI)		0.989
##			
##	Loglikelihood and Information Criteria:		
##			
##	Loglikelihood user model (H0)	-5906.738	-5906.738
##	Scaling correction factor		1.332
##	for the MLR correction		
##	Loglikelihood unrestricted model (H1)	-5904.456	-5904.456
##	Scaling correction factor		1.328
##	for the MLR correction		
##			
##	Akaike (AIC)	11859.477	11859.477
##	Bayesian (BIC)	12000.650	12000.650
##	Sample-size adjusted Bayesian (BIC)	11927.568	11927.568
##			
##	Root Mean Square Error of Approximation:		
##			
##	RMSEA	0.019	0.015
##	90 Percent confidence interval - lower	0.000	0.000
##	90 Percent confidence interval - upper	0.044	0.037
##	P-value RMSEA <= 0.05	0.985	0.997
##			
##	Robust RMSEA		0.017
##	90 Percent confidence interval - lower		0.000
##	90 Percent confidence interval - upper		0.046
##			
##	Standardized Root Mean Square Residual:		
##			

```

##      SRMR                                0.001          0.001
##
## Parameter Estimates:
##
##      Standard errors                                Sandwich
##      Information bread                                Observed
##      Observed information based on                                Hessian
##
## Regressions:
##              Estimate   Std.Err   z-value   P(>|z|)
## redistribute ~
##   tr_high (c_hg)   -0.007    0.041   -0.172    0.864
##   tr_low  (c_lw)   -0.071    0.039   -1.803    0.071
##   meaninc      (b)  -0.175    0.041   -4.235    0.000
##   incgrps (c_nc)  -0.091    0.013   -6.796    0.000
##   age          -0.002    0.001   -2.227    0.026
##   female        0.032    0.033    0.954    0.340
##   edu          -0.080    0.017   -4.588    0.000
##   tx_wlfr       0.099    0.009   10.401    0.000
##   ideology     -0.112    0.010  -11.053    0.000
##   plntrst       0.045    0.020    2.306    0.021
## meaninc ~
##   tr_high (a_hg)    0.416    0.052    8.010    0.000
##   tr_low  (a_lw)   -0.086    0.049   -1.756    0.079
##   incgrps (a_nc)    0.135    0.010   14.090    0.000
##   int_l_n (a_l_)   -0.050    0.014   -3.657    0.000
##   int_h_n (a_h_)   -0.032    0.013   -2.400    0.016
##   age          0.001    0.000    2.312    0.021
##   female     -0.055    0.015   -3.562    0.000
##   edu        0.034    0.008    4.068    0.000
##   tx_wlfr    -0.000    0.004   -0.113    0.910
##   ideology    0.003    0.004    0.650    0.516
##   plntrst     0.021    0.008    2.546    0.011
##
## Variances:
##              Estimate   Std.Err   z-value   P(>|z|)
##   .redistribute    0.692    0.020   34.200    0.000
##   .meaninc         0.156    0.004   35.904    0.000
##
## R-Square:
##              Estimate
##   redistribute    0.178
##   meaninc         0.352
##
## Defined Parameters:

```

##		Estimate	Std.Err	z-value	P(> z)
##	ind_tlo_inc1	0.024	0.009	2.791	0.005
##	ind_tlo_inc2	0.032	0.009	3.655	0.000
##	ind_tlo_inc3	0.041	0.010	4.013	0.000
##	ind_tlo_inc4	0.050	0.012	4.052	0.000
##	ind_tlo_inc5	0.059	0.015	3.970	0.000
##	ind_tlo_inc6	0.067	0.017	3.861	0.000
##	ind_thi_inc1	-0.067	0.017	-3.897	0.000
##	ind_thi_inc2	-0.061	0.015	-4.028	0.000
##	ind_thi_inc3	-0.056	0.014	-4.118	0.000
##	ind_thi_inc4	-0.050	0.012	-4.106	0.000
##	ind_thi_inc5	-0.044	0.011	-3.912	0.000
##	ind_thi_inc6	-0.039	0.011	-3.483	0.000
##	dir_tlo	-0.071	0.039	-1.803	0.071
##	dir_thi	-0.007	0.041	-0.172	0.864
##	tot_tlo_inc1	-0.047	0.039	-1.222	0.222
##	tot_tlo_inc2	-0.039	0.038	-1.009	0.313
##	tot_tlo_inc3	-0.030	0.038	-0.786	0.432
##	tot_tlo_inc4	-0.021	0.038	-0.557	0.577
##	tot_tlo_inc5	-0.013	0.039	-0.327	0.744
##	tot_tlo_inc6	-0.004	0.039	-0.100	0.921
##	tot_thi_inc1	-0.074	0.039	-1.905	0.057
##	tot_thi_inc2	-0.068	0.039	-1.773	0.076
##	tot_thi_inc3	-0.063	0.038	-1.630	0.103
##	tot_thi_inc4	-0.057	0.039	-1.479	0.139
##	tot_thi_inc5	-0.051	0.039	-1.322	0.186
##	tot_thi_inc6	-0.046	0.039	-1.162	0.245
##	index.lo	0.009	0.003	2.761	0.006
##	index.hi	0.006	0.003	2.088	0.037

Standardized coefficients

##	lhs	op	rhs	est.std	se	pvalue
## 1	redistribute	~	tr_high	-0.004	0.021	0.864
## 2	redistribute	~	tr_low	-0.036	0.020	0.071
## 3	redistribute	~	meaninc	-0.094	0.022	0.000
## 4	redistribute	~	incgroups	-0.138	0.020	0.000
## 5	redistribute	~	age	-0.043	0.019	0.026
## 6	redistribute	~	female	0.017	0.018	0.339
## 7	redistribute	~	edu	-0.088	0.019	0.000
## 8	redistribute	~	tax_welfare	0.221	0.020	0.000
## 9	redistribute	~	ideology	-0.221	0.020	0.000
## 10	redistribute	~	polinterest	0.047	0.020	0.021
## 11	meaninc	~	tr_high	0.398	0.049	0.000

## 12	meaninc	~	tr_low	-0.082	0.047	0.079
## 13	meaninc	~	incgroups	0.381	0.027	0.000
## 14	meaninc	~	int_lo_incgroups	-0.180	0.049	0.000
## 15	meaninc	~	int_hi_incgroups	-0.120	0.050	0.016
## 16	meaninc	~	age	0.039	0.017	0.021
## 17	meaninc	~	female	-0.056	0.016	0.000
## 18	meaninc	~	edu	0.069	0.017	0.000
## 19	meaninc	~	tax_welfare	-0.002	0.017	0.910
## 20	meaninc	~	ideology	0.011	0.016	0.516
## 21	meaninc	~	polinterest	0.041	0.016	0.011
## 90	ind_tlo_inc1	:=	a_low*b+a_lo_inc*1*b	0.024	0.006	0.000
## 91	ind_tlo_inc2	:=	a_low*b+a_lo_inc*2*b	0.041	0.011	0.000
## 92	ind_tlo_inc3	:=	a_low*b+a_lo_inc*3*b	0.058	0.017	0.001
## 93	ind_tlo_inc4	:=	a_low*b+a_lo_inc*4*b	0.075	0.023	0.001
## 94	ind_tlo_inc5	:=	a_low*b+a_lo_inc*5*b	0.092	0.029	0.001
## 95	ind_tlo_inc6	:=	a_low*b+a_lo_inc*6*b	0.108	0.035	0.002
## 96	ind_thi_inc1	:=	a_high*b+a_hi_inc*1*b	-0.026	0.006	0.000
## 97	ind_thi_inc2	:=	a_high*b+a_hi_inc*2*b	-0.015	0.006	0.019
## 98	ind_thi_inc3	:=	a_high*b+a_hi_inc*3*b	-0.003	0.010	0.726
## 99	ind_thi_inc4	:=	a_high*b+a_hi_inc*4*b	0.008	0.015	0.593
## 100	ind_thi_inc5	:=	a_high*b+a_hi_inc*5*b	0.019	0.020	0.333
## 101	ind_thi_inc6	:=	a_high*b+a_hi_inc*6*b	0.030	0.025	0.223
## 102	dir_tlo	:=	c_low	-0.036	0.020	0.071
## 103	dir_thi	:=	c_high	-0.004	0.021	0.864
## 104	tot_tlo_inc1	:=	ind_tlo_inc1+dir_tlo	-0.012	0.020	0.541
## 105	tot_tlo_inc2	:=	ind_tlo_inc2+dir_tlo	0.005	0.021	0.816
## 106	tot_tlo_inc3	:=	ind_tlo_inc3+dir_tlo	0.022	0.024	0.358
## 107	tot_tlo_inc4	:=	ind_tlo_inc4+dir_tlo	0.038	0.027	0.160
## 108	tot_tlo_inc5	:=	ind_tlo_inc5+dir_tlo	0.055	0.032	0.083
## 109	tot_tlo_inc6	:=	ind_tlo_inc6+dir_tlo	0.072	0.037	0.051
## 110	tot_thi_inc1	:=	ind_thi_inc1+dir_thi	-0.030	0.020	0.134
## 111	tot_thi_inc2	:=	ind_thi_inc2+dir_thi	-0.018	0.021	0.379
## 112	tot_thi_inc3	:=	ind_thi_inc3+dir_thi	-0.007	0.023	0.761
## 113	tot_thi_inc4	:=	ind_thi_inc4+dir_thi	0.004	0.026	0.872
## 114	tot_thi_inc5	:=	ind_thi_inc5+dir_thi	0.015	0.030	0.608
## 115	tot_thi_inc6	:=	ind_thi_inc6+dir_thi	0.027	0.034	0.437
## 116	index.lo	:=	a_lo_inc*b	0.017	0.006	0.006
## 117	index.hi	:=	a_hi_inc*b	0.011	0.005	0.036