

analysis

Iris Zhong

4/27/2021

```
library(readr)
data_pair <- read_csv("data_pair.csv")

## Warning: Missing column names filled in: 'X1' [1]

##
## -- Column specification -----
## cols(
##   .default = col_double(),
##   day_A = col_character(),
##   day_P = col_character(),
##   gender_chr_A = col_character(),
##   gender_chr_P = col_character(),
##   partID_A = col_character(),
##   partID_P = col_character()
## )
## i Use `spec()` for the full column specifications.

data_pair$day_of_study_A <- as.numeric(data_pair$day_of_study_A)
data_pair$day_of_study_P <- as.numeric(data_pair$day_of_study_P)
data_pair <- data_pair %>%
  mutate(day_of_study_A = day_of_study_A - 1,
         day_of_study_P = day_of_study_P - 1,
         fair_chores_C_A = fair_chores_A - mean(fair_chores_A, na.rm = T),
         fair_chores_C_P = fair_chores_P - mean(fair_chores_P, na.rm = T),
         grbs_C_A = grbs_ss_A - mean(grbs_ss_A, na.rm = T),
         grbs_C_P = grbs_ss_P - mean(grbs_ss_P, na.rm = T))

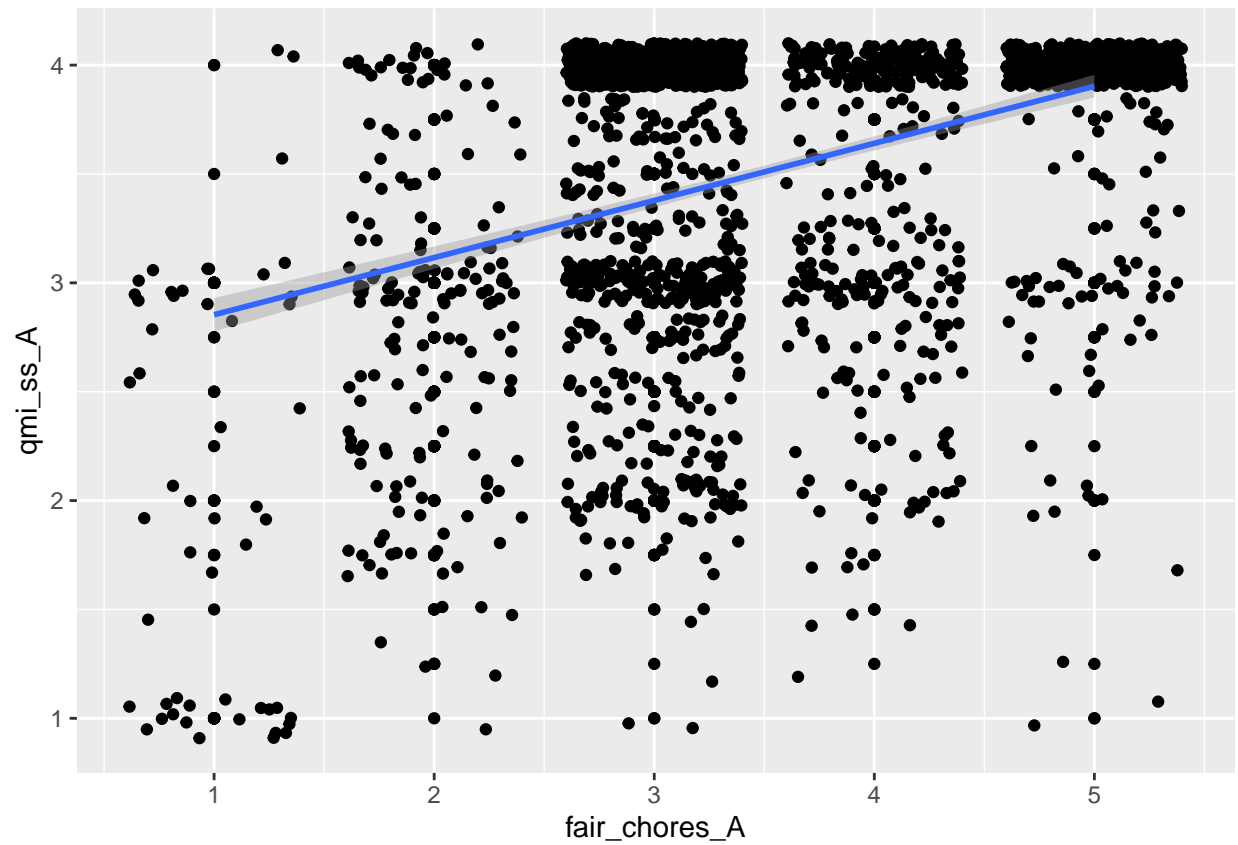
ggplot(data_pair, aes(x = fair_chores_A, y = qmi_ss_A)) +
  geom_point() +
  geom_jitter() +
  geom_smooth(method = "lm")

## `geom_smooth()` using formula 'y ~ x'

## Warning: Removed 1 rows containing non-finite values (stat_smooth).

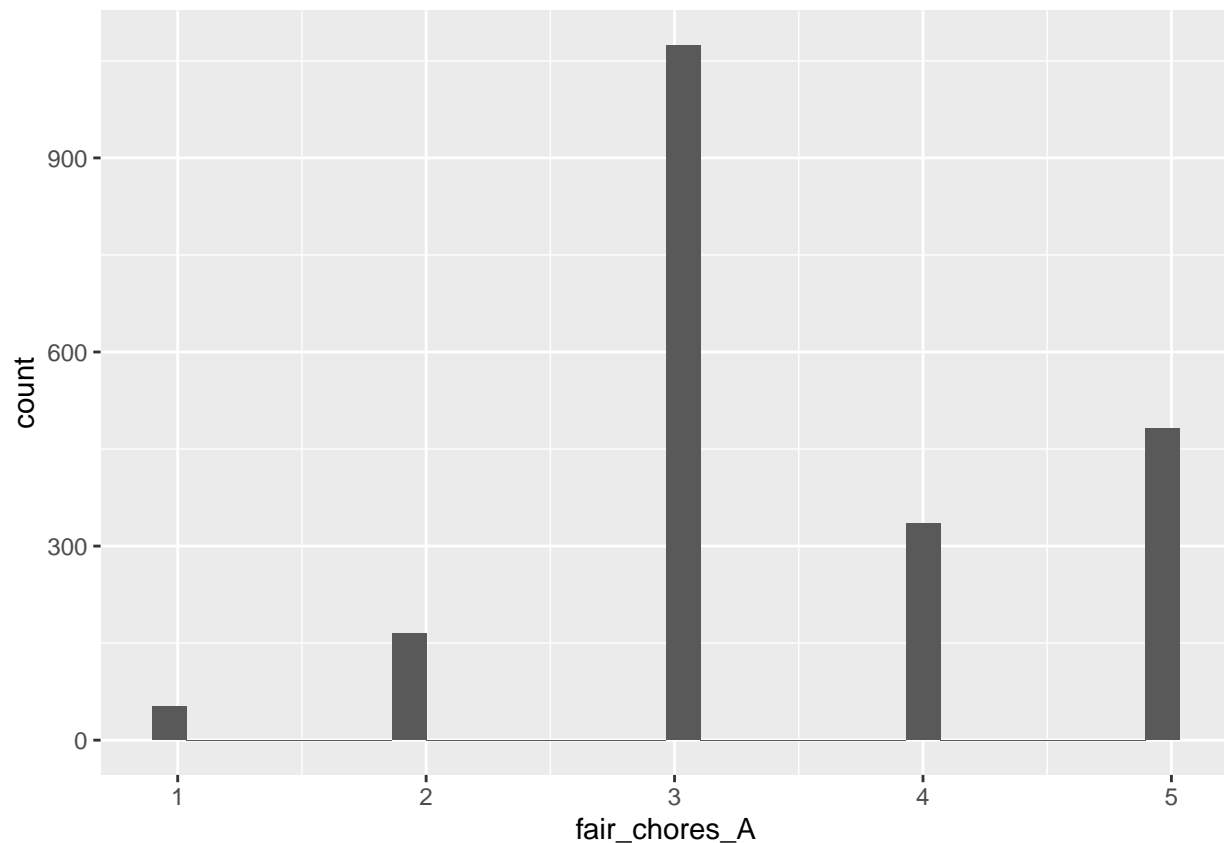
## Warning: Removed 1 rows containing missing values (geom_point).

## Warning: Removed 1 rows containing missing values (geom_point).
```



```
ggplot(data_pair, aes(x = fair_chores_A)) +  
  geom_histogram()
```

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```



```
mod_qmi_chore <- lme(qmi_ss_A ~ gender_chr_A + gender_chr_A:day_of_study_A + fair_chores_C_A:gender_chr_A,
  data = data_pair,
  random = ~ gender_chr_A - 1|dyadID,
  correlation = corCompSymm(form = ~1|dyadID/obsid),
  weights = varIdent(form = ~1|gender_chr_A),
  na.action = na.omit)

summary(mod_qmi_chore)
```

```
## Linear mixed-effects model fit by REML
## Data: data_pair
##      AIC      BIC    logLik
## 2339.985 2407.787 -1157.993
##
## Random effects:
## Formula: ~gender_chr_A - 1 | dyadID
## Structure: General positive-definite, Log-Cholesky parametrization
##           StdDev   Corr
## gender_chr_AM 0.6040865 gn__AM
## gender_chr_AW 0.5590111 0.79
## Residual      0.4051733
##
## Correlation Structure: Compound symmetry
## Formula: ~1 | dyadID/obsid
## Parameter estimate(s):
```

```
##          Rho
## 0.2939514
## Variance function:
## Structure: Different standard deviations per stratum
## Formula: ~1 | gender_chr_A
## Parameter estimates:
##          W          M
## 1.0000000 0.8741117
## Fixed effects: qmi_ss_A ~ gender_chr_A + gender_chr_A:day_of_study_A + fair_chores_C_A:gender_chr_A
##
##          Value Std.Error   DF t-value p-value
## gender_chr_AM      3.563025 0.07021843 2021 50.74202 0.0000
## gender_chr_AW      3.426148 0.06642862 2021 51.57638 0.0000
## gender_chr_AM:day_of_study_A -0.002881 0.00274384 2021 -1.05013 0.2938
## gender_chr_AW:day_of_study_A  0.006602 0.00313943 2021  2.10280 0.0356
## gender_chr_AM:fair_chores_C_A 0.069398 0.01762136 2021  3.93826 0.0001
## gender_chr_AW:fair_chores_C_A 0.085162 0.01881061 2021  4.52735 0.0000
## Correlation:
##
##          gn__AM gn__AW g__AM:___ g__AW:___ g__AM:___C
## gender_chr_AW      0.737
## gender_chr_AM:day_of_study_A -0.243 -0.086
## gender_chr_AW:day_of_study_A -0.071 -0.294  0.295
## gender_chr_AM:fair_chores_C_A -0.004  0.000 -0.039    0.006
## gender_chr_AW:fair_chores_C_A -0.001 -0.004 -0.001    0.074    0.053
##
## Standardized Within-Group Residuals:
##          Min          Q1          Med          Q3          Max
## -7.18273039 -0.14752593  0.05854595  0.29040436  3.70348951
##
## Number of Observations: 2107
## Number of Groups: 81
```

```
#stargazer(mod_qmi_chore)
```

```
mod_qmi_chore_APIM <- lme(qmi_ss_A ~ gender_chr_A +
                          gender_chr_A:day_of_study_A +
                          fair_chores_C_A:gender_chr_A +
                          fair_chores_C_P:gender_chr_A - 1,
                          data = data_pair,
                          random = ~ gender_chr_A - 1|dyadID,
                          correlation = corCompSymm(form = ~1|dyadID/obsid),
                          weights = varIdent(form = ~1|gender_chr_A),
                          na.action = na.omit)

summary(mod_qmi_chore_APIM)
```

```
## Linear mixed-effects model fit by REML
## Data: data_pair
##          AIC          BIC      logLik
## 2355.818 2434.907 -1163.909
##
## Random effects:
## Formula: ~gender_chr_A - 1 | dyadID
## Structure: General positive-definite, Log-Cholesky parametrization
```

```

##              StdDev   Corr
## gender_chr_AM 0.6063608 gn__AM
## gender_chr_AW 0.5610447 0.792
## Residual      0.4052960
##
## Correlation Structure: Compound symmetry
## Formula: ~1 | dyadID/obsid
## Parameter estimate(s):
##      Rho
## 0.2936967
## Variance function:
## Structure: Different standard deviations per stratum
## Formula: ~1 | gender_chr_A
## Parameter estimates:
##      W      M
## 1.0000000 0.8741505
## Fixed effects: qmi_ss_A ~ gender_chr_A + gender_chr_A:day_of_study_A + fair_chores_C_A:gender_chr_A
##
##              Value Std.Error   DF  t-value p-value
## gender_chr_AM      3.563150 0.07046262 2019  50.56795  0.0000
## gender_chr_AW      3.426267 0.06664337 2019  51.41196  0.0000
## gender_chr_AM:day_of_study_A -0.002984 0.00275515 2019  -1.08302  0.2789
## gender_chr_AW:day_of_study_A  0.006585 0.00314538 2019   2.09362  0.0364
## gender_chr_AM:fair_chores_C_A  0.068927 0.01884934 2019   3.65674  0.0003
## gender_chr_AW:fair_chores_C_A  0.082186 0.02020809 2019   4.06698  0.0000
## gender_chr_AM:fair_chores_C_P -0.008273 0.01813876 2019  -0.45607  0.6484
## gender_chr_AW:fair_chores_C_P -0.003392 0.02106712 2019  -0.16100  0.8721
## Correlation:
##
##              gn__AM gn__AW g__AM:___ g__AW:___ g__AM:___C_A
## gender_chr_AW      0.739
## gender_chr_AM:day_of_study_A -0.242 -0.086
## gender_chr_AW:day_of_study_A -0.071 -0.293  0.296
## gender_chr_AM:fair_chores_C_A -0.004 -0.001 -0.047  -0.014
## gender_chr_AW:fair_chores_C_A -0.002 -0.004  0.030   0.083  -0.010
## gender_chr_AM:fair_chores_C_P -0.004 -0.002  0.086   0.030  -0.074
## gender_chr_AW:fair_chores_C_P -0.001 -0.005 -0.014  -0.048   0.347
##
##              g__AW:___C_A g__AM:___C_P
## gender_chr_AW
## gender_chr_AM:day_of_study_A
## gender_chr_AW:day_of_study_A
## gender_chr_AM:fair_chores_C_A
## gender_chr_AW:fair_chores_C_A
## gender_chr_AM:fair_chores_C_P  0.355
## gender_chr_AW:fair_chores_C_P -0.090  -0.009
##
## Standardized Within-Group Residuals:
##      Min      Q1      Med      Q3      Max
## -7.17635854 -0.14029584  0.05879081  0.28437019  3.70465556
##
## Number of Observations: 2107
## Number of Groups: 81

```

```
#stargazer(mod_qmi_chore,mod_qmi_chore_APIM)
```

Table 1:

	<i>Dependent variable:</i>	
	qmi_ss_A	
	(1)	(2)
gender_chr_AM	3.563*** (0.070)	3.563*** (0.070)
gender_chr_AW	3.426*** (0.066)	3.426*** (0.067)
gender_chr_AM:day_of_study_A	-0.003 (0.003)	-0.003 (0.003)
gender_chr_AW:day_of_study_A	0.007** (0.003)	0.007** (0.003)
gender_chr_AM:fair_chores_C_A	0.069*** (0.018)	0.069*** (0.019)
gender_chr_AW:fair_chores_C_A	0.085*** (0.019)	0.082*** (0.020)
gender_chr_AM:fair_chores_C_P		-0.008 (0.018)
gender_chr_AW:fair_chores_C_P		-0.003 (0.021)
Observations	2,107	2,107
Log Likelihood	-1,157.993	-1,163.909
Akaike Inf. Crit.	2,339.985	2,355.818
Bayesian Inf. Crit.	2,407.787	2,434.907
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

```

mod_qmi_chore_APIM_2 <- lme(qmi_ss_A ~ gender_chr_A +
  gender_chr_A:day_of_study_A +
  fair_chores_C_A:gender_chr_A +
  fair_chores_C_P:gender_chr_A +
  gender_chr_A:grbs_C_A+
  grbs_C_A:gender_chr_A:fair_chores_C_A+
  grbs_C_A:gender_chr_A:fair_chores_C_P+ - 1,
  data = data_pair,
  random = ~ gender_chr_A - 1|dyadID,
  correlation = corCompSymm(form = ~1|dyadID/obsid),
  weights = varIdent(form = ~1|gender_chr_A),
  na.action = na.omit)

summary(mod_qmi_chore_APIM_2)

```

```

## Linear mixed-effects model fit by REML
##   Data: data_pair
##       AIC      BIC    logLik
##  2391.68 2504.607 -1175.84
##
## Random effects:
##   Formula: ~gender_chr_A - 1 | dyadID
##   Structure: General positive-definite, Log-Cholesky parametrization
##           StdDev   Corr
## gender_chr_AM 0.6108624 gn__AM
## gender_chr_AW 0.5675382 0.803
## Residual      0.4055762
##
## Correlation Structure: Compound symmetry
##   Formula: ~1 | dyadID/obsid
##   Parameter estimate(s):
##       Rho
## 0.2939971
## Variance function:
##   Structure: Different standard deviations per stratum
##   Formula: ~1 | gender_chr_A
##   Parameter estimates:
##           W           M
## 1.0000000 0.8739161
## Fixed effects:  qmi_ss_A ~ gender_chr_A + gender_chr_A:day_of_study_A + fair_chores_C_A:gender_chr_A
##
##               Value Std.Error   DF  t-value
## gender_chr_AM      3.551778 0.07180647 2013  49.46320
## gender_chr_AW      3.431381 0.06813773 2013  50.35949
## gender_chr_AM:day_of_study_A -0.002904 0.00277025 2013  -1.04817
## gender_chr_AW:day_of_study_A  0.006223 0.00316621 2013   1.96536
## gender_chr_AM:fair_chores_C_A  0.072220 0.01901282 2013   3.79851
## gender_chr_AW:fair_chores_C_A  0.076382 0.02090415 2013   3.65391
## gender_chr_AM:fair_chores_C_P -0.007095 0.01843006 2013  -0.38497
## gender_chr_AW:fair_chores_C_P -0.002954 0.02167911 2013  -0.13627
## gender_chr_AM:grbs_C_A      0.072012 0.08164134 2013   0.88206
## gender_chr_AW:grbs_C_A      0.042565 0.07318491 2013   0.58161
## gender_chr_AM:fair_chores_C_A:grbs_C_A -0.035623 0.02507536 2013  -1.42064
## gender_chr_AW:fair_chores_C_A:grbs_C_A -0.036299 0.03030353 2013  -1.19786

```

```

## gender_chr_AM:fair_chores_C_P:grbs_C_A 0.000591 0.02846254 2013 0.02076
## gender_chr_AW:fair_chores_C_P:grbs_C_A -0.015888 0.02903808 2013 -0.54714
##
## p-value
## gender_chr_AM 0.0000
## gender_chr_AW 0.0000
## gender_chr_AM:day_of_study_A 0.2947
## gender_chr_AW:day_of_study_A 0.0495
## gender_chr_AM:fair_chores_C_A 0.0001
## gender_chr_AW:fair_chores_C_A 0.0003
## gender_chr_AM:fair_chores_C_P 0.7003
## gender_chr_AW:fair_chores_C_P 0.8916
## gender_chr_AM:grbs_C_A 0.3779
## gender_chr_AW:grbs_C_A 0.5609
## gender_chr_AM:fair_chores_C_A:grbs_C_A 0.1556
## gender_chr_AW:fair_chores_C_A:grbs_C_A 0.2311
## gender_chr_AM:fair_chores_C_P:grbs_C_A 0.9834
## gender_chr_AW:fair_chores_C_P:grbs_C_A 0.5843
## Correlation:
##
## gn__AM gn__AW g__AM:___ g__AW:___
## gender_chr_AW 0.720
## gender_chr_AM:day_of_study_A -0.237 -0.083
## gender_chr_AW:day_of_study_A -0.069 -0.291 0.295
## gender_chr_AM:fair_chores_C_A -0.005 -0.007 -0.047 -0.013
## gender_chr_AW:fair_chores_C_A 0.001 -0.018 0.033 0.108
## gender_chr_AM:fair_chores_C_P -0.008 0.000 0.067 0.024
## gender_chr_AW:fair_chores_C_P -0.006 0.021 -0.015 -0.063
## gender_chr_AM:grbs_C_A -0.154 0.075 0.001 -0.003
## gender_chr_AW:grbs_C_A -0.083 0.141 0.008 -0.017
## gender_chr_AM:fair_chores_C_A:grbs_C_A 0.010 0.017 -0.028 -0.005
## gender_chr_AW:fair_chores_C_A:grbs_C_A -0.005 -0.039 0.017 0.106
## gender_chr_AM:fair_chores_C_P:grbs_C_A 0.003 0.000 0.099 0.019
## gender_chr_AW:fair_chores_C_P:grbs_C_A 0.001 0.054 -0.004 -0.029
##
## gn__AM:___C_A gn__AW:___C_A gn__AM:___C_P
## gender_chr_AW
## gender_chr_AM:day_of_study_A
## gender_chr_AW:day_of_study_A
## gender_chr_AM:fair_chores_C_A
## gender_chr_AW:fair_chores_C_A -0.007
## gender_chr_AM:fair_chores_C_P -0.065 0.329
## gender_chr_AW:fair_chores_C_P 0.331 -0.124 -0.005
## gender_chr_AM:grbs_C_A -0.004 -0.019 0.033
## gender_chr_AW:grbs_C_A -0.030 -0.035 0.010
## gender_chr_AM:fair_chores_C_A:grbs_C_A -0.121 -0.014 -0.006
## gender_chr_AW:fair_chores_C_A:grbs_C_A -0.004 0.244 -0.052
## gender_chr_AM:fair_chores_C_P:grbs_C_A -0.021 0.046 -0.172
## gender_chr_AW:fair_chores_C_P:grbs_C_A -0.029 -0.081 -0.009
##
## gn__AW:___C_P g__AM:_C g__AW:_C
## gender_chr_AW
## gender_chr_AM:day_of_study_A
## gender_chr_AW:day_of_study_A
## gender_chr_AM:fair_chores_C_A
## gender_chr_AW:fair_chores_C_A
## gender_chr_AM:fair_chores_C_P
## gender_chr_AW:fair_chores_C_P

```



```

## gender_chr_AM:grbs_C_A                0.035
## gender_chr_AW:grbs_C_A                0.082      0.536
## gender_chr_AM:fair_chores_C_A:grbs_C_A 0.033      0.035      0.023
## gender_chr_AW:fair_chores_C_A:grbs_C_A -0.102      0.028     -0.102
## gender_chr_AM:fair_chores_C_P:grbs_C_A -0.013     -0.039      0.033
## gender_chr_AW:fair_chores_C_P:grbs_C_A  0.200      0.022     -0.036
##                                     g__AM:__C_A: g__AW:__C_A: g__AM:__C_P:
## gender_chr_AW
## gender_chr_AM:day_of_study_A
## gender_chr_AW:day_of_study_A
## gender_chr_AM:fair_chores_C_A
## gender_chr_AW:fair_chores_C_A
## gender_chr_AM:fair_chores_C_P
## gender_chr_AW:fair_chores_C_P
## gender_chr_AM:grbs_C_A
## gender_chr_AW:grbs_C_A
## gender_chr_AM:fair_chores_C_A:grbs_C_A
## gender_chr_AW:fair_chores_C_A:grbs_C_A  0.011
## gender_chr_AM:fair_chores_C_P:grbs_C_A -0.135      0.214
## gender_chr_AW:fair_chores_C_P:grbs_C_A  0.224     -0.050      0.008
##
## Standardized Within-Group Residuals:
##      Min      Q1      Med      Q3      Max
## -7.19086987 -0.12192501  0.05742598  0.29034113  3.69795490
##
## Number of Observations: 2107
## Number of Groups: 81

```

```
report(mod_qmi_chore_APIM_2)
```

```

## We fitted a linear mixed model (estimated using REML and nlminb optimizer) to predict qmi_ss_A with
##
## - The effect of gender_chr_A [M] is statistically significant and positive (beta = 3.55, 95% CI [3
## - The effect of gender_chr_A [W] is statistically significant and positive (beta = 3.43, 95% CI [3
## - The interaction effect of day_of_study_A on gender_chr_A [M] is statistically non-significant and
## - The interaction effect of day_of_study_A on gender_chr_A [W] is statistically significant and po
## - The interaction effect of fair_chores_C_A on gender_chr_A [M] is statistically significant and p
## - The interaction effect of fair_chores_C_A on gender_chr_A [W] is statistically significant and p
## - The interaction effect of fair_chores_C_P on gender_chr_A [M] is statistically non-significant a
## - The interaction effect of fair_chores_C_P on gender_chr_A [W] is statistically non-significant a
## - The interaction effect of grbs_C_A on gender_chr_A [M] is statistically non-significant and posi
## - The interaction effect of grbs_C_A on gender_chr_A [W] is statistically non-significant and posi
## - The interaction effect of grbs_C_A on gender_chr_A [M] * fair_chores_C_A is statistically non-si
## - The interaction effect of grbs_C_A on gender_chr_A [W] * fair_chores_C_A is statistically non-si
## - The interaction effect of grbs_C_A on gender_chr_A [M] * fair_chores_C_P is statistically non-si
## - The interaction effect of grbs_C_A on gender_chr_A [W] * fair_chores_C_P is statistically non-si
##
## Standardized parameters were obtained by fitting the model on a standardized version of the dataset.

```

grbs_ss_A:fair_chores_C_A + grbs_ss_A:fair_chores_C_P

```

mod_chore_work <- lme(fair_chores_C_A ~ gender_chr_A + telework_A:gender_chr_A - 1,
  data = data_pair,
  random = ~ gender_chr_A - 1|dyadID,
  correlation = corCompSymm(form = ~1|dyadID/obsid),
  weights = varIdent(form = ~1|gender_chr_A),
  na.action = na.omit)

summary(mod_chore_work)

```

```

## Linear mixed-effects model fit by REML
##   Data: data_pair
##       AIC      BIC    logLik
##  4328.078 4384.594 -2154.039
##
## Random effects:
##   Formula: ~gender_chr_A - 1 | dyadID
##   Structure: General positive-definite, Log-Cholesky parametrization
##           StdDev   Corr
## gender_chr_AM 0.7657685 gn__AM
## gender_chr_AW 0.8507501 0.423
## Residual      0.6076911
##
## Correlation Structure: Compound symmetry
##   Formula: ~1 | dyadID/obsid
##   Parameter estimate(s):
##           Rho
## 0.04660539
## Variance function:
##   Structure: Different standard deviations per stratum
##   Formula: ~1 | gender_chr_A
##   Parameter estimates:
##           W           M
## 1.000000 0.963792
## Fixed effects: fair_chores_C_A ~ gender_chr_A + telework_A:gender_chr_A - 1
##
##               Value Std.Error   DF    t-value p-value
## gender_chr_AM      0.08303975 0.1245339 2024  0.6668046  0.5050
## gender_chr_AW     -0.01607141 0.1720142 2024 -0.0934307  0.9256
## gender_chr_AM:telework_A -0.05148252 0.1628840 2024 -0.3160687  0.7520
## gender_chr_AW:telework_A -0.06817588 0.1989979 2024 -0.3425960  0.7319
##   Correlation:
##
##               gn__AM gn__AW g__AM:
## gender_chr_AW      0.048
## gender_chr_AM:telework_A -0.714  0.157
## gender_chr_AW:telework_A  0.134 -0.828 -0.188
##
## Standardized Within-Group Residuals:
##           Min           Q1           Med           Q3           Max
## -6.13738060 -0.34591366 -0.03104953  0.33620544  3.96661127
##
## Number of Observations: 2108
## Number of Groups: 81

```

```
mod_chore_work_2 <- lme(fair_chores_C_A ~ genderE_A + telework_A:genderE_A + childnum + r_years + income_A,
  data = data_pair,
  random = ~ gender_chr_A - 1|dyadID,
  correlation = corCompSymm(form = ~1|dyadID/obsid),
  weights = varIdent(form = ~1|gender_chr_A),
  na.action = na.omit)
```

```
summary(mod_chore_work_2)
```

```
## Linear mixed-effects model fit by REML
##   Data: data_pair
##       AIC      BIC    logLik
##  3717.624 3778.087 -1847.812
##
## Random effects:
##   Formula: ~gender_chr_A - 1 | dyadID
##   Structure: General positive-definite, Log-Cholesky parametrization
##              StdDev    Corr
## gender_chr_AM 0.7873361 gn__AM
## gender_chr_AW 0.8161295 0.295
## Residual      0.6042331
##
## Correlation Structure: Compound symmetry
##   Formula: ~1 | dyadID/obsid
##   Parameter estimate(s):
##       Rho
## 0.07255474
## Variance function:
##   Structure: Different standard deviations per stratum
##   Formula: ~1 | gender_chr_A
##   Parameter estimates:
##       W      M
## 1.0000000 0.9535371
## Fixed effects: fair_chores_C_A ~ genderE_A + telework_A:genderE_A + childnum + r_years + income_A
##              Value Std.Error   DF   t-value p-value
## genderE_A      -0.05333357 0.12554404 1724 -0.4248196  0.6710
## childnum         0.04761534 0.07305583   79  0.6517664  0.5164
## r_years        -0.00581213 0.00478030   79 -1.2158492  0.2277
## income_A         0.00000074 0.00000090 1724  0.8211674  0.4117
## genderE_A:telework_A -0.02805075 0.15756234 1724 -0.1780295  0.8587
##   Correlation:
##              gndE_A chldnm r_yers incm_A
## childnum          0.109
## r_years           0.047 -0.329
## income_A          0.050 -0.163 -0.461
## genderE_A:telework_A -0.878 -0.128 -0.047 -0.027
##
## Standardized Within-Group Residuals:
##       Min      Q1      Med      Q3      Max
## -6.28510460 -0.35680423 -0.02669892  0.32528372  3.79718594
##
## Number of Observations: 1807
## Number of Groups: 81
```

```
report(mod_chore_work_2)
```

```
## We fitted a linear mixed model (estimated using REML and nlminb optimizer) to predict fair_chores_C_A
##
## - The effect of genderE_A is statistically non-significant and negative (beta = -0.05, 95% CI [-0.1, 0.0])
## - The effect of childnum is statistically non-significant and positive (beta = 0.05, 95% CI [-0.1, 0.1])
## - The effect of r_years is statistically non-significant and negative (beta = -5.81e-03, 95% CI [-0.01, 0.0])
## - The effect of income_A is statistically non-significant and positive (beta = 7.40e-07, 95% CI [-0.000001, 0.000001])
## - The interaction effect of telework_A on genderE_A is statistically non-significant and negative
##
## Standardized parameters were obtained by fitting the model on a standardized version of the dataset.
```

```
mod_work_qmi <- lme(qmi_ss_A ~ gender_chr_A + telework_A + telework_P,
  data = data_pair,
  random = ~ gender_chr_A - 1|dyadID,
  correlation = corCompSymm(form = ~1|dyadID/obsid),
  weights = varIdent(form = ~1|gender_chr_A),
  na.action = na.omit)
```

```
summary(mod_work_qmi)
```

```
## Linear mixed-effects model fit by REML
##   Data: data_pair
##       AIC      BIC    logLik
##  2348.09 2404.601 -1164.045
##
## Random effects:
##   Formula: ~gender_chr_A - 1 | dyadID
##   Structure: General positive-definite, Log-Cholesky parametrization
##              StdDev    Corr
## gender_chr_AM 0.6287883 gn__AM
## gender_chr_AW 0.5976319 0.778
## Residual      0.4064852
##
## Correlation Structure: Compound symmetry
##   Formula: ~1 | dyadID/obsid
##   Parameter estimate(s):
##       Rho
## 0.28722
## Variance function:
##   Structure: Different standard deviations per stratum
##   Formula: ~1 | gender_chr_A
##   Parameter estimates:
##           W           M
## 1.0000000 0.8740673
## Fixed effects: qmi_ss_A ~ gender_chr_A + telework_A + telework_P
##              Value Std.Error   DF   t-value p-value
## (Intercept)  3.577009 0.18059837 2023  19.806431  0.0000
## gender_chr_AW -0.084377 0.04883678 2023  -1.727731  0.0842
## telework_A    -0.032830 0.13527096 2023  -0.242698  0.8083
## telework_P    -0.014327 0.13484606 2023  -0.106247  0.9154
## Correlation:
```

```
##          (Intr) gn__AW tlwr_A
## gender_chr_AW -0.158
## telework_A    -0.892 -0.046
## telework_P    -0.903  0.042  0.905
##
## Standardized Within-Group Residuals:
##      Min      Q1      Med      Q3      Max
## -7.19239279 -0.02877112  0.04203870  0.23145084  3.61566792
##
## Number of Observations: 2107
## Number of Groups: 81
```

```
#stargazer(mod_work_qmi, mod_chore_work_2, mod_qmi_chore, mod_qmi_chore_APIM)
```

Table 2:

	<i>Dependent variable:</i>			
	qmi_ss_A	fair_chores_C_A	qmi_ss_A	
	(1)	(2)	(3)	(4)
gender_chr_AM			3.563*** (0.070)	3.563*** (0.070)
gender_chr_AW	-0.084* (0.049)		3.426*** (0.066)	3.426*** (0.067)
telework_A	-0.020 (0.057)			
genderE_A		-0.053 (0.126)		
childnum		0.048 (0.073)		
r_years		-0.006 (0.005)		
income_A		0.00000 (0.00000)		
genderE_A:telework_A		-0.028 (0.158)		
gender_chr_AM:day_of_study_A			-0.003 (0.003)	-0.003 (0.003)
gender_chr_AW:day_of_study_A			0.007** (0.003)	0.007** (0.003)
gender_chr_AM:fair_chores_C_A			0.069*** (0.018)	0.069*** (0.019)
gender_chr_AW:fair_chores_C_A			0.085*** (0.019)	0.082*** (0.020)
gender_chr_AM:fair_chores_C_P				-0.008 (0.018)
gender_chr_AW:fair_chores_C_P				-0.003 (0.021)
Constant	3.560*** (0.077)			
Observations	2,107	1,807	2,107	2,107
Log Likelihood	-1,162.963	-1,847.812	-1,157.993	-1,163.909
Akaike Inf. Crit.	2,343.926	3,717.624	2,339.985	2,355.818
Bayesian Inf. Crit.	2,394.790	3,778.087	2,407.787	2,434.907

Note: