###############################################################

> ## Correlates of Information Fatigue - Cross-Sectional Data ##

> #############################################################

>

> # Extract relevant variables

> GER <-subset(G, select = c("GENDER", "EDUCATION", "EMPLOYMENT", "CHRONIC", "INFORMATION\_FATIGUE", "Wave",

+ "AGE", "COGNITIVE\_RISK", "AFFECTIVE\_RISK", "TRUST", "WORRIES", "new\_cases\_smoothed\_per\_million",

+ "new\_deaths\_smoothed\_per\_million", "reproduction\_rate", "stringency\_index"))

>

> DEN <- subset(D, GENDER != "Other", select = c("GENDER", "EDUCATION", "EMPLOYMENT", "CHRONIC", "INFORMATION\_FATIGUE", "Wave",

+ "AGE", "COGNITIVE\_RISK","AFFECTIVE\_RISK", "TRUST", "WORRIES", "OPTIMISTIC",

+ "NEGATIVE\_AFFECT", "EMPATHY", "HH", "EM", "EX", "AG", "CO", "OP",

+ "new\_cases\_smoothed\_per\_million", "new\_deaths\_smoothed\_per\_million",

+ "reproduction\_rate", "stringency\_index" ))

>

> # Scale and standardize data

> DEN$Wave <- DEN$Wave-19

> GER$Wave <- GER$Wave-24

>

> GER[6:15] <- scale(GER[6:15])

> DEN[6:24] <- scale(DEN[6:24])

>

> # Create Wave^2 variable

> GER$Wave2 <- GER$Wave^2

> DEN$Wave2 <- DEN$Wave^2

>

> # Model 1 in Germany - Information fatigue <- Sociodemographics + Emotions + Perception + Contextual Factors

> IF\_GER\_1 <- lm(INFORMATION\_FATIGUE ~ Wave + Wave2 + AGE + GENDER + EDUCATION + EMPLOYMENT + CHRONIC +

+ COGNITIVE\_RISK + AFFECTIVE\_RISK + TRUST + WORRIES + new\_cases\_smoothed\_per\_million +

+ new\_deaths\_smoothed\_per\_million + reproduction\_rate + stringency\_index, data = GER )

>

> # Model 1 in Denmark - Information fatigue <- Sociodemographics + Emotions + Perception + Contextual Factors

> IF\_DEN\_1<- lm(INFORMATION\_FATIGUE ~ Wave + Wave2 + AGE + GENDER + EDUCATION + EMPLOYMENT + CHRONIC +

+ COGNITIVE\_RISK + AFFECTIVE\_RISK + TRUST + WORRIES + new\_cases\_smoothed\_per\_million +

+ new\_deaths\_smoothed\_per\_million + reproduction\_rate + stringency\_index, data = DEN)

>

> # Model 2 in Denmark - Information fatigue <- Sociodemographics + Emotions + Perception + Contextual Factors + HEXACO and Additional Emotions

> IF\_DEN\_2 <- lm(INFORMATION\_FATIGUE ~ Wave + Wave2 + AGE + GENDER + EDUCATION + EMPLOYMENT + CHRONIC +

+ COGNITIVE\_RISK + AFFECTIVE\_RISK + TRUST + WORRIES + new\_cases\_smoothed\_per\_million +

+ new\_deaths\_smoothed\_per\_million + reproduction\_rate + stringency\_index + OPTIMISTIC +

+ NEGATIVE\_AFFECT + EMPATHY + HH + EM + EX + AG + CO + OP, data = DEN)

>

> # Print results

> export\_summs(IF\_GER\_1, IF\_DEN\_1, IF\_DEN\_2, model.names = c("Information fatigue - GER", "Information fatigue - DEN", "Information fatigue - DEN"), error\_format = "[{conf.low}, {conf.high}]")

─────────────────────────────────────────────────────────────────────────────────────────────

Information fatigue Information fatigue Information fatigue

- GER - DEN - DEN

──────────────────────────────────────────────────────────────────────

(Intercept) 4.29 \*\*\* 4.30 \*\*\* 4.26 \*\*\*

[4.17, 4.41] [4.17, 4.44] [4.13, 4.39]

Wave 0.09 \*\*\* 0.02 0.03

[0.06, 0.13] [-0.02, 0.05] [-0.00, 0.07]

Wave2 -0.12 \*\* -0.23 \*\*\* -0.21 \*\*\*

[-0.19, -0.04] [-0.32, -0.14] [-0.30, -0.12]

AGE -0.35 \*\*\* -0.23 \*\*\* -0.13 \*\*\*

[-0.38, -0.32] [-0.26, -0.21] [-0.15, -0.10]

GENDERMale -0.11 \*\*\* -0.09 \*\*\* -0.07 \*\*

[-0.16, -0.06] [-0.14, -0.04] [-0.12, -0.02]

EDUCATION> 10 years 0.02 -0.17 \*\*\* -0.15 \*\*\*

[-0.07, 0.10] [-0.26, -0.09] [-0.24, -0.07]

EMPLOYMENTUnemployed -0.13 \*\*\* -0.08 \*\* -0.11 \*\*\*

[-0.19, -0.07] [-0.14, -0.03] [-0.16, -0.06]

CHRONICNo 0.04 0.03 0.04

[-0.02, 0.09] [-0.03, 0.08] [-0.01, 0.09]

CHRONICDon´t know 0.02 0.04 0.01

[-0.13, 0.18] [-0.08, 0.16] [-0.11, 0.13]

COGNITIVE\_RISK -0.08 \*\*\* -0.06 \*\*\* -0.07 \*\*\*

[-0.11, -0.05] [-0.08, -0.03] [-0.09, -0.04]

AFFECTIVE\_RISK -0.36 \*\*\* -0.34 \*\*\* -0.36 \*\*\*

[-0.39, -0.33] [-0.36, -0.31] [-0.39, -0.33]

TRUST -0.62 \*\*\* -0.45 \*\*\* -0.37 \*\*\*

[-0.64, -0.59] [-0.48, -0.43] [-0.39, -0.34]

WORRIES 0.29 \*\*\* 0.08 \*\*\* 0.10 \*\*\*

[0.26, 0.32] [0.05, 0.10] [0.07, 0.12]

new\_cases\_smoothed\_p 0.00 0.00 0.01

er\_million

[-0.03, 0.03] [-0.03, 0.04] [-0.02, 0.05]

new\_deaths\_smoothed\_ -0.02 -0.09 \*\*\* -0.10 \*\*\*

per\_million

[-0.08, 0.05] [-0.14, -0.05] [-0.15, -0.05]

reproduction\_rate -0.03 -0.05 \*\* -0.05 \*\*

[-0.06, 0.01] [-0.09, -0.01] [-0.09, -0.02]

stringency\_index -0.06 -0.05 -0.09

[-0.18, 0.06] [-0.14, 0.04] [-0.17, 0.00]

OPTIMISTIC -0.01

[-0.04, 0.01]

NEGATIVE\_AFFECT 0.31 \*\*\*

[0.28, 0.33]

EMPATHY -0.15 \*\*\*

[-0.17, -0.12]

HH -0.02

[-0.04, 0.01]

EM 0.02

[-0.01, 0.04]

EX 0.08 \*\*\*

[0.06, 0.11]

AG -0.05 \*\*\*

[-0.07, -0.03]

CO -0.02

[-0.04, 0.01]

OP -0.12 \*\*\*

[-0.14, -0.09]

──────────────────────────────────────────────────────────────────────

N 13978 15891 15891

R2 0.30 0.19 0.23

─────────────────────────────────────────────────────────────────────────────────────────────

\*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05.

Column names: names, Information fatigue - GER, Information fatigue - DEN, Information fatigue

- DEN

> APAStyler(modelTest(IF\_GER\_1), digits = 3) # Standardized effect sizes model 1 Germany

Term Est Type

<char> <char> <char>

1: (Intercept) 4.293\*\*\* [ 4.174, 4.411] Fixed Effects

2: Wave 0.094\*\*\* [ 0.062, 0.126] Fixed Effects

3: Wave2 -0.116\*\* [-0.188, -0.045] Fixed Effects

4: AGE -0.351\*\*\* [-0.378, -0.323] Fixed Effects

5: GENDERMale -0.113\*\*\* [-0.164, -0.063] Fixed Effects

6: EDUCATION> 10 years 0.017 [-0.066, 0.099] Fixed Effects

7: EMPLOYMENTUnemployed -0.129\*\*\* [-0.187, -0.071] Fixed Effects

8: CHRONICNo 0.036 [-0.019, 0.092] Fixed Effects

9: CHRONICDon´t know 0.025 [-0.129, 0.178] Fixed Effects

10: COGNITIVE\_RISK -0.081\*\*\* [-0.110, -0.052] Fixed Effects

11: AFFECTIVE\_RISK -0.363\*\*\* [-0.393, -0.332] Fixed Effects

12: TRUST -0.617\*\*\* [-0.643, -0.590] Fixed Effects

13: WORRIES 0.290\*\*\* [ 0.263, 0.318] Fixed Effects

14: new\_cases\_smoothed\_per\_million 0.002 [-0.028, 0.032] Fixed Effects

15: new\_deaths\_smoothed\_per\_million -0.015 [-0.085, 0.054] Fixed Effects

16: reproduction\_rate -0.025 [-0.060, 0.009] Fixed Effects

17: stringency\_index -0.060 [-0.184, 0.064] Fixed Effects

18: N (Observations) 13978 Overall Model

19: logLik DF 18 Overall Model

20: logLik -25360.702 Overall Model

21: AIC 50757.404 Overall Model

22: BIC 50893.218 Overall Model

23: F2 0.420 Overall Model

24: R2 0.296 Overall Model

25: Adj R2 0.295 Overall Model

26: Wave f2 = 0.002, p < .001 Effect Sizes

27: Wave2 f2 = 0.001, p = .001 Effect Sizes

28: AGE f2 = 0.045, p < .001 Effect Sizes

29: GENDER f2 = 0.001, p < .001 Effect Sizes

30: EDUCATION f2 = 0.000, p = .693 Effect Sizes

31: EMPLOYMENT f2 = 0.001, p < .001 Effect Sizes

32: CHRONIC f2 = 0.000, p = .441 Effect Sizes

33: COGNITIVE\_RISK f2 = 0.002, p < .001 Effect Sizes

34: AFFECTIVE\_RISK f2 = 0.039, p < .001 Effect Sizes

35: TRUST f2 = 0.145, p < .001 Effect Sizes

36: WORRIES f2 = 0.031, p < .001 Effect Sizes

37: new\_cases\_smoothed\_per\_million f2 = 0.000, p = .900 Effect Sizes

38: new\_deaths\_smoothed\_per\_million f2 = 0.000, p = .663 Effect Sizes

39: reproduction\_rate f2 = 0.000, p = .150 Effect Sizes

40: stringency\_index f2 = 0.000, p = .342 Effect Sizes

Term Est Type

> APAStyler(modelTest(IF\_DEN\_1), digits = 3) # Standardized effect sizes model 1 Denmark

Term Est Type

<char> <char> <char>

1: (Intercept) 4.301\*\*\* [ 4.167, 4.435] Fixed Effects

2: Wave 0.018 [-0.017, 0.052] Fixed Effects

3: Wave2 -0.229\*\*\* [-0.320, -0.138] Fixed Effects

4: AGE -0.233\*\*\* [-0.259, -0.207] Fixed Effects

5: GENDERMale -0.090\*\*\* [-0.137, -0.043] Fixed Effects

6: EDUCATION> 10 years -0.174\*\*\* [-0.260, -0.088] Fixed Effects

7: EMPLOYMENTUnemployed -0.085\*\* [-0.136, -0.034] Fixed Effects

8: CHRONICNo 0.026 [-0.026, 0.078] Fixed Effects

9: CHRONICDon´t know 0.043 [-0.078, 0.165] Fixed Effects

10: COGNITIVE\_RISK -0.059\*\*\* [-0.084, -0.033] Fixed Effects

11: AFFECTIVE\_RISK -0.337\*\*\* [-0.363, -0.310] Fixed Effects

12: TRUST -0.453\*\*\* [-0.476, -0.429] Fixed Effects

13: WORRIES 0.079\*\*\* [ 0.054, 0.104] Fixed Effects

14: new\_cases\_smoothed\_per\_million 0.004 [-0.030, 0.038] Fixed Effects

15: new\_deaths\_smoothed\_per\_million -0.094\*\*\* [-0.141, -0.047] Fixed Effects

16: reproduction\_rate -0.053\*\* [-0.090, -0.015] Fixed Effects

17: stringency\_index -0.046 [-0.136, 0.044] Fixed Effects

18: N (Observations) 15891 Overall Model

19: logLik DF 18 Overall Model

20: logLik -28514.730 Overall Model

21: AIC 57065.460 Overall Model

22: BIC 57203.583 Overall Model

23: F2 0.231 Overall Model

24: R2 0.188 Overall Model

25: Adj R2 0.187 Overall Model

26: Wave f2 = 0.000, p = .311 Effect Sizes

27: Wave2 f2 = 0.002, p < .001 Effect Sizes

28: AGE f2 = 0.019, p < .001 Effect Sizes

29: GENDER f2 = 0.001, p < .001 Effect Sizes

30: EDUCATION f2 = 0.001, p < .001 Effect Sizes

31: EMPLOYMENT f2 = 0.001, p = .001 Effect Sizes

32: CHRONIC f2 = 0.000, p = .561 Effect Sizes

33: COGNITIVE\_RISK f2 = 0.001, p < .001 Effect Sizes

34: AFFECTIVE\_RISK f2 = 0.038, p < .001 Effect Sizes

35: TRUST f2 = 0.090, p < .001 Effect Sizes

36: WORRIES f2 = 0.002, p < .001 Effect Sizes

37: new\_cases\_smoothed\_per\_million f2 = 0.000, p = .835 Effect Sizes

38: new\_deaths\_smoothed\_per\_million f2 = 0.001, p < .001 Effect Sizes

39: reproduction\_rate f2 = 0.000, p = .006 Effect Sizes

40: stringency\_index f2 = 0.000, p = .316 Effect Sizes

Term Est Type

> APAStyler(modelTest(IF\_DEN\_2), digits = 3) # Standardized effect sizes model 2 Denmark

Term Est Type

<char> <char> <char>

1: (Intercept) 4.263\*\*\* [ 4.131, 4.394] Fixed Effects

2: Wave 0.033 [-0.001, 0.066] Fixed Effects

3: Wave2 -0.212\*\*\* [-0.301, -0.124] Fixed Effects

4: AGE -0.126\*\*\* [-0.153, -0.098] Fixed Effects

5: GENDERMale -0.071\*\* [-0.120, -0.022] Fixed Effects

6: EDUCATION> 10 years -0.154\*\*\* [-0.238, -0.069] Fixed Effects

7: EMPLOYMENTUnemployed -0.113\*\*\* [-0.164, -0.062] Fixed Effects

8: CHRONICNo 0.039 [-0.012, 0.090] Fixed Effects

9: CHRONICDon´t know 0.012 [-0.107, 0.130] Fixed Effects

10: COGNITIVE\_RISK -0.067\*\*\* [-0.092, -0.042] Fixed Effects

11: AFFECTIVE\_RISK -0.362\*\*\* [-0.390, -0.334] Fixed Effects

12: TRUST -0.367\*\*\* [-0.391, -0.343] Fixed Effects

13: WORRIES 0.098\*\*\* [ 0.071, 0.124] Fixed Effects

14: new\_cases\_smoothed\_per\_million 0.012 [-0.021, 0.045] Fixed Effects

15: new\_deaths\_smoothed\_per\_million -0.101\*\*\* [-0.146, -0.055] Fixed Effects

16: reproduction\_rate -0.052\*\* [-0.089, -0.016] Fixed Effects

17: stringency\_index -0.086 [-0.174, 0.001] Fixed Effects

18: OPTIMISTIC -0.015 [-0.040, 0.010] Fixed Effects

19: NEGATIVE\_AFFECT 0.306\*\*\* [ 0.278, 0.333] Fixed Effects

20: EMPATHY -0.149\*\*\* [-0.175, -0.122] Fixed Effects

21: HH -0.016 [-0.041, 0.008] Fixed Effects

22: EM 0.016 [-0.009, 0.041] Fixed Effects

23: EX 0.083\*\*\* [ 0.058, 0.109] Fixed Effects

24: AG -0.049\*\*\* [-0.073, -0.025] Fixed Effects

25: CO -0.015 [-0.039, 0.008] Fixed Effects

26: OP -0.116\*\*\* [-0.139, -0.093] Fixed Effects

27: N (Observations) 15891 Overall Model

28: logLik DF 27 Overall Model

29: logLik -28101.999 Overall Model

30: AIC 56257.998 Overall Model

31: BIC 56465.183 Overall Model

32: F2 0.297 Overall Model

33: R2 0.229 Overall Model

34: Adj R2 0.228 Overall Model

35: Wave f2 = 0.000, p = .054 Effect Sizes

36: Wave2 f2 = 0.001, p < .001 Effect Sizes

37: AGE f2 = 0.005, p < .001 Effect Sizes

38: GENDER f2 = 0.001, p = .005 Effect Sizes

39: EDUCATION f2 = 0.001, p < .001 Effect Sizes

40: EMPLOYMENT f2 = 0.001, p < .001 Effect Sizes

41: CHRONIC f2 = 0.000, p = .314 Effect Sizes

42: COGNITIVE\_RISK f2 = 0.002, p < .001 Effect Sizes

43: AFFECTIVE\_RISK f2 = 0.041, p < .001 Effect Sizes

44: TRUST f2 = 0.056, p < .001 Effect Sizes

45: WORRIES f2 = 0.003, p < .001 Effect Sizes

46: new\_cases\_smoothed\_per\_million f2 = 0.000, p = .472 Effect Sizes

47: new\_deaths\_smoothed\_per\_million f2 = 0.001, p < .001 Effect Sizes

48: reproduction\_rate f2 = 0.000, p = .005 Effect Sizes

49: stringency\_index f2 = 0.000, p = .054 Effect Sizes

50: OPTIMISTIC f2 = 0.000, p = .247 Effect Sizes

51: NEGATIVE\_AFFECT f2 = 0.030, p < .001 Effect Sizes

52: EMPATHY f2 = 0.008, p < .001 Effect Sizes

53: HH f2 = 0.000, p = .191 Effect Sizes

54: EM f2 = 0.000, p = .219 Effect Sizes

55: EX f2 = 0.003, p < .001 Effect Sizes

56: AG f2 = 0.001, p < .001 Effect Sizes

57: CO f2 = 0.000, p = .203 Effect Sizes

58: OP f2 = 0.006, p < .001 Effect Sizes

Term Est Type