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> ## Correlates of Pandemic Fatigue, Behavioral Fatigue, and Information Fatigue - USA ##

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>

> # Extract relevant data

> USA <- subset(E, GENDER != "Other", select = c("GENDER", "EDUCATION", "AGE", "COGNITIVE\_RISK", "PANDEMIC\_FATIGUE", "INFORMATION\_FATIGUE", "BEHAVIORAL\_FATIGUE"))

>

> # Recode education - University yes/no

> USA$EDUCATION <- as.character(USA$EDUCATION)

> USA$EDUCATION[USA$EDUCATION == "Other"] <- "University - No"

> USA$EDUCATION[USA$EDUCATION == "Elementary-Secondary School"] <- "University - No"

> USA$EDUCATION[USA$EDUCATION == "High School"] <- "University - No"

> USA$EDUCATION[USA$EDUCATION == "University"] <- "University - Yes"

> USA$EDUCATION <- factor(USA$EDUCATION)

>

> # Scale data

> USA[3:4] <- scale(USA[3:4])

>

> # Regression models

> PF <- lm(PANDEMIC\_FATIGUE ~ AGE + GENDER + EDUCATION + COGNITIVE\_RISK, data = USA)

> BF <- lm(BEHAVIORAL\_FATIGUE ~ AGE + GENDER + EDUCATION + COGNITIVE\_RISK, data = USA)

> IF <- lm(INFORMATION\_FATIGUE ~ AGE + GENDER + EDUCATION + COGNITIVE\_RISK, data = USA)

>

> # Print results

> export\_summs(PF, BF, IF, model.names = c("Pandemic fatigue","Behavioral fatigue", "Information fatigue"), error\_format = "[{conf.low}, {conf.high}]")

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Pandemic fatigue Behavioral fatigue Information fatigue

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(Intercept) 3.22 \*\*\* 2.78 \*\*\* 3.65 \*\*\*

[3.08, 3.36] [2.64, 2.93] [3.49, 3.82]

AGE -0.05 -0.09 \* -0.00

[-0.12, 0.02] [-0.17, -0.02] [-0.09, 0.08]

GENDERMale -0.01 -0.04 0.01

[-0.16, 0.13] [-0.19, 0.11] [-0.16, 0.18]

EDUCATIONUniversity 0.14 0.27 \*\*\* 0.00

- Yes

[-0.01, 0.29] [0.12, 0.43] [-0.18, 0.19]

COGNITIVE\_RISK -0.15 \*\*\* -0.03 -0.28 \*\*\*

[-0.22, -0.08] [-0.10, 0.04] [-0.36, -0.19]

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N 1557 1557 1557

R2 0.01 0.01 0.03

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

Column names: names, Pandemic fatigue, Behavioral fatigue, Information fatigue

> summ(PF, digits = 3)

MODEL INFO:

Observations: 1557

Dependent Variable: PANDEMIC\_FATIGUE

Type: OLS linear regression

MODEL FIT:

F(4,1552) = 5.895, p = 0.000

R² = 0.015

Adj. R² = 0.012

Standard errors:OLS

-----------------------------------------------------------------

Est. S.E. t val. p

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(Intercept) 3.219 0.071 45.183 0.000

AGE -0.048 0.036 -1.307 0.191

GENDERMale -0.013 0.072 -0.185 0.853

EDUCATIONUniversity - Yes 0.139 0.078 1.788 0.074

COGNITIVE\_RISK -0.153 0.036 -4.216 0.000

-----------------------------------------------------------------

> summ(BF, digits = 3)

MODEL INFO:

Observations: 1557

Dependent Variable: BEHAVIORAL\_FATIGUE

Type: OLS linear regression

MODEL FIT:

F(4,1552) = 4.216, p = 0.002

R² = 0.011

Adj. R² = 0.008

Standard errors:OLS

-----------------------------------------------------------------

Est. S.E. t val. p

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(Intercept) 2.784 0.074 37.548 0.000

AGE -0.091 0.038 -2.393 0.017

GENDERMale -0.039 0.075 -0.523 0.601

EDUCATIONUniversity - Yes 0.274 0.081 3.391 0.001

COGNITIVE\_RISK -0.030 0.038 -0.781 0.435

-----------------------------------------------------------------

> summ(IF, digits = 3)

MODEL INFO:

Observations: 1557

Dependent Variable: INFORMATION\_FATIGUE

Type: OLS linear regression

MODEL FIT:

F(4,1552) = 10.391, p = 0.000

R² = 0.026

Adj. R² = 0.024

Standard errors:OLS

-----------------------------------------------------------------

Est. S.E. t val. p

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(Intercept) 3.653 0.086 42.698 0.000

AGE -0.004 0.044 -0.102 0.919

GENDERMale 0.013 0.087 0.144 0.885

EDUCATIONUniversity - Yes 0.004 0.093 0.039 0.969

COGNITIVE\_RISK -0.277 0.044 -6.344 0.000

-----------------------------------------------------------------

> APAStyler(modelTest(PF), digits = 3) # Standardized effect sizes PF

Term Est Type

<char> <char> <char>

1: (Intercept) 3.219\*\*\* [ 3.079, 3.358] Fixed Effects

2: AGE -0.048 [-0.119, 0.024] Fixed Effects

3: GENDERMale -0.013 [-0.155, 0.128] Fixed Effects

4: EDUCATIONUniversity - Yes 0.139 [-0.013, 0.292] Fixed Effects

5: COGNITIVE\_RISK -0.153\*\*\* [-0.225, -0.082] Fixed Effects

6: N (Observations) 1557 Overall Model

7: logLik DF 6 Overall Model

8: logLik -2749.940 Overall Model

9: AIC 5511.880 Overall Model

10: BIC 5543.983 Overall Model

11: F2 0.015 Overall Model

12: R2 0.015 Overall Model

13: Adj R2 0.012 Overall Model

14: AGE f2 = 0.001, p = .191 Effect Sizes

15: GENDER f2 = 0.000, p = .853 Effect Sizes

16: EDUCATION f2 = 0.002, p = .074 Effect Sizes

17: COGNITIVE\_RISK f2 = 0.011, p < .001 Effect Sizes

> APAStyler(modelTest(BF), digits = 3) # Standardized effect sizes BF

Term Est Type

<char> <char> <char>

1: (Intercept) 2.784\*\*\* [ 2.639, 2.930] Fixed Effects

2: AGE -0.091\* [-0.165, -0.016] Fixed Effects

3: GENDERMale -0.039 [-0.187, 0.108] Fixed Effects

4: EDUCATIONUniversity - Yes 0.274\*\*\* [ 0.116, 0.433] Fixed Effects

5: COGNITIVE\_RISK -0.030 [-0.104, 0.045] Fixed Effects

6: N (Observations) 1557 Overall Model

7: logLik DF 6 Overall Model

8: logLik -2812.322 Overall Model

9: AIC 5636.644 Overall Model

10: BIC 5668.747 Overall Model

11: F2 0.011 Overall Model

12: R2 0.011 Overall Model

13: Adj R2 0.008 Overall Model

14: AGE f2 = 0.004, p = .017 Effect Sizes

15: GENDER f2 = 0.000, p = .601 Effect Sizes

16: EDUCATION f2 = 0.007, p < .001 Effect Sizes

17: COGNITIVE\_RISK f2 = 0.000, p = .435 Effect Sizes

> APAStyler(modelTest(IF), digits = 3) # Standardized effect sizes IF

Term Est Type

<char> <char> <char>

1: (Intercept) 3.653\*\*\* [ 3.485, 3.821] Fixed Effects

2: AGE -0.004 [-0.090, 0.081] Fixed Effects

3: GENDERMale 0.013 [-0.158, 0.183] Fixed Effects

4: EDUCATIONUniversity - Yes 0.004 [-0.180, 0.187] Fixed Effects

5: COGNITIVE\_RISK -0.277\*\*\* [-0.363, -0.191] Fixed Effects

6: N (Observations) 1557 Overall Model

7: logLik DF 6 Overall Model

8: logLik -3035.186 Overall Model

9: AIC 6082.371 Overall Model

10: BIC 6114.474 Overall Model

11: F2 0.027 Overall Model

12: R2 0.026 Overall Model

13: Adj R2 0.024 Overall Model

14: AGE f2 = 0.000, p = .919 Effect Sizes

15: GENDER f2 = 0.000, p = .885 Effect Sizes

16: EDUCATION f2 = 0.000, p = .969 Effect Sizes

17: COGNITIVE\_RISK f2 = 0.026, p < .001 Effect Sizes

>