Supplementary material for the article:

Emotional Cherry Picking: The role of personality and goal orientation in selective emotion regulation during musical practice

Appendix A: Complete fitted model for all Bayesian Mixed Effects models

To investigate main effects and interactions, we report a combination of *directed* and *exploratory* hypothesis tests. These tests evaluate the evidence of a given effect to be smaller or larger than zero (Evidence Ratio), as well as the coefficient estimates (Estimate) and the error within this estimate (Error). In the case of *directed* hypothesis tests, we consider evidence ratios ≥ 19 analogous to significant evidence in favour of an effect under an alpha level of .05. For *exploratory* hypothesis tests, we consider evidence ratios ≥ 39 analogous to significant evidence for an effect. Evidence ratios of ≥ 19 and ≥ 39 are referred to as 'strong' evidence for their respective hypotheses (Milne and Herff, 2020).

We opted to report a combination of directed and exploratory hypothesis tests in light of the different volume of research available for each specific personality trait within the existing literature. We used directed hypothesis tests for extraversion and emotional stability/neuroticism (i.e., tests with a less conservative evidence threshold - ≥ 19; the Bayesian equivalent to a one-sided frequentist hypothesis test; Makowski et al., 2019; Marsman and Wagenmakers, 2017). We used exploratory hypothesis tests for the traits agreeableness, conscientiousness, and openness (i.e., tests with a more conservative evidence threshold - ≥ 39; the Bayesian equivalent of a two-sided frequentist hypothesis test, Makowski et al., 2019; Marsman and Wagenmakers, 2017). The chosen prior, scaling, and evidence reference are commonly used in the music cognition and perception literature (Cecchetti et al., 2021; Dobrowohl et al., 2019; Herff et al., 2020a, 2020b, Herff et al., 2021a, 2021b; Jääskeläinen et al., 2020; MacRitchie et al., 2020; Smit et al., 2020; Smit et al., 2021).

Tables A1 and A2 in Appendix A contain for all emotions the estimated mean of the standardised effect (*Estimate*), the standard error of the estimated mean (*Est. Error*) and evidence radio in favour of a hypothesis (*Odds (< or > 0))*. Within the main text, only estimates with an odds ratio ≥ 19 (for Extraversion and Emotional Stability) and ≥ 39 (for Agreeableness, Conscientiousness, Openness) are reported. For further information, please see the *Statistical Approach* section of the article.

Appendix B: *R* script for all Bayesian Mixed Effects models

Appendix B provides the complete *R* script for running the Bayesian models. The script includes the setup (package installation, variable scaling) and specification for each of the four models.

Appendix C: *R* script for all Bayesian hypothesis tests

Appendix B provides the complete *R* script for running the hypothesis tests for each of the four models.

References

Appendix A

A1. Summary of directional and exploratory hypothesis tests for the effects of the *Emotion Increase* and *Emotion Decrease* models.

		Personality Trait * Goal Interaction											
		Agreeableness		Conscientiousness		Emotional Stability		Extraversion		Openness		Mastery orientation	
		Increase	Decrease	Increase	Decrease	Increase	Decrease	Increase	Decrease	Increase	Decrease	Increase	Decrease
Anger	*Estimate*	-0.07	0.01	0.01	-0.03	-0.01	-0.05	0.05	-0.06	0.09	-0.02	0.13	-0.09
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04	0.03	0.04
	Odds	30.46	1.55	1.38	3.13	1.28	4.33	43.03	15.18	2332.33	< 9999	> 9999	150.35
Anxiety	*Estimate*	-0.01	0.01	-0.05	0.05	-0.02	-0.1	-0.01	0.03	-0.02	-0.07	-0.02	0.05
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04	0.03	0.04
	Odds	1.48	1.27	23.33	11.84	2.43	36.18	1.39	3.82	2.48	25.49	3.15	12.65
Calmness	*Estimate*	0.1	0.02	0.02	-0.04	-0.17	0.02	-0.03	0.01	-0.03	-0.04	0	-0.02
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04	0.03	0.04
	Odds	240.38	2.04	3.32	5.12	< 9999	1.63	6.57	1.63	7.82	6.43	0.98	2.15
Downheartedness	*Estimate*	0.02	-0.08	-0.04	0.05	-0.03	-0.04	-0.01	0.04	-0.01	-0.04	-0.03	0.11
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04	0.03	0.04
	Odds	2.34	13.78	21.19	11.6	3.31	3.12	0.73	5.76	1.46	6.89	6.09	465.67
Energy	*Estimate*	0.13	0.01	-0.05	-0.04	-0.15	0	0.02	0	-0.12	-0.03	-0.05	0
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04	0.03	0.04
	Odds	27999	1.24	24	4.85	27999	1.02	3.12	0.99	< 9999	3.81	30.18	1.17
Focus / Concentration	*Estimate*	0.08	0.01	-0.04	-0.03	-0.06	0.01	0.06	0.01	-0.13	-0.07	0.01	0.03
	Est. Error	0.04	0.05	0.03	4.39	0.04	0.05	0.03	0.04	0.03	0.04	0.03	0.04
	Odds	62.64	1.38	14.2	0.23	18.16	1.26	54.34	1.88	< 9999	35.36	2.24	3.93
Gloom	*Estimate*	-0.09	0.08	-0.04	0.03	0.02	-0.15	0	0.06	0.02	-0.01	-0.07	0.14
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04	0.03	0.04
	Odds	98.29	13.44	12.46	0.31	2.29	594.74	0.98	15.67	3.73	303.35	212.74	9332.33
Guilt	*Estimate*	0	-0.04	-0.04	0.02	-0.01	-0.04	-0.01	0.04	0	-0.04	-0.04	0.12
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04	0.04	0.04
	Odds	1.16	3.28	14.21	2.34	1.33	3.5	2.3	6.99	0.81	6.4	13.28	1165.67
Happiness	*Estimate*	0.13	0.01	-0.03	-0.03	-0.18	0	-0.01	-0.01	-0.15	-0.03	-0.06	0
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04	0.03	0.04
	Odds	3499	1.57	5.73	4.08	9999	1.17	1.84	1.52	< 9999	3.31	54.45	1.11
Nervousness	*Estimate*	-0.01	-0.05	-0.03	0.06	0	-0.05	0	-0.02	0.02	-0.12	0.02	0.02
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04	0.03	0.04
	Odds	1.77	4.79	8.33	21.28	1.02	5.77	0.87	2.83	3.97	1165.67	4.25	2.36
Sluggishness	*Estimate*	0.01	-0.02	-0.04	-0.01	-0.02	-0.05	-0.01	0.05	0	-0.07	-0.03	0.09
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04	0.03	0.04
	Odds	1.47	2.17	10.68	1.35	2.26	4.34	1.67	13.34	1.09	28.35	5.03	126.27

Grey cells show the effects related to the Emotion Increase *model, and white cells refer to effects related to the* Emotion Decrease *model*

A2. Summary of directional and exploratory hypothesis tests for the effects of the *Mastery Increase* and *Mastery Decrease* models.

		Agreeableness *Mastery		Conscientiousness *Mastery		Emotional Stability *Mastery		Extraversion *Mastery		Openness *Mastery	
		Personality Trait * Goal Interaction									
		Increase	**Decrease**	**Increase**	**Decrease**	**Increase**	**Decrease**	**Increase**	**Decrease**	**Increase**	**Decrease**
Anger	*Estimate*	0.03	-0.02	0.02	-0.02	-0.03	0.02	0.03	-0.11	0.02	-0.03
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04
	Odds	3.85	2.23	3.58	2.04	3.22	2.21	5.97	399	4.42	3.39
Anxiety	*Estimate*	-0.05	-0.07	0.03	0	0.02	0.08	0	-0.02	0.01	0.06
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04
	Odds	10.05	11.17	6.89	1.14	2.22	15.41	1.07	2.08	2.22	23.58
Calmness	*Estimate*	0.03	-0.01	-0.05	-0.01	0.02	0	-0.01	-0.03	-0.05	0.02
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04
	Odds	4.53	1.19	33.61	1.67	2.94	1.17	1.45	4.19	63.22	2.43
Downheartedness	*Estimate*	-0.03	-0.04	0.03	0.01	-0.01	0.04	-0.02	-0.05	-0.03	0.08
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04
	Odds	4.02	3.32	9.5	1.27	1.34	3.83	2.55	11.98	6.35	65.04
Energy	*Estimate*	0.04	0.01	-0.06	-0.01	-0.02	0	-0.01	-0.02	-0.01	-0.01
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04
	Odds	6.97	1.48	71.35	1.27	1.99	0.98	2.18	2.27	1.38	1.58
Focus / Concentration	*Estimate*	0.08	-0.02	-0.06	-0.04	-0.03	0.06	-0.07	0.01	-0.01	0
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04
	Odds	61.08	1.9	110.55	4.88	4.27	8.49	284.71	0.61	2.39	1.07
Gloom	*Estimate*	0.09	-0.09	-0.01	0.03	-0.12	0.14	-0.01	-0.07	-0.06	0.12
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04
	Odds	115.67	23.22	2.44	3.59	1999	332.33	1.41	23.93	98.64	3999
Guilt	*Estimate*	-0.02	-0.01	0.03	0.04	-0.02	0.03	0.01	-0.06	-0.03	0.08
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04
	Odds	2.15	1.43	6	6.14	2.15	2.26	1.4	12.42	5.13	77.65
Happiness	*Estimate*	0.07	0	-0.09	-0.01	-0.08	0.04	-0.01	-0.03	-0.03	0
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04
	Odds	29.47	1	1865.67	1.73	94.24	3.33	9332.33	3.3	5.74	1.26
Nervousness	*Estimate*	-0.03	-0.05	0.04	0.02	0.02	0.03	0.01	-0.04	0.01	0.01
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04
	Odds	3.23	4.93	17.83	2.55	2.78	2.93	2.11	4.88	1.42	1.74
Sluggishness	*Estimate*	-0.03	-0.03	0.03	0.01	0	0.08	0.01	-0.02	-0.01	0.09
	Est. Error	0.04	0.05	0.03	0.04	0.04	0.05	0.03	0.04	0.03	0.04
	Odds	3.3	2.44	6.6	1.73	1.08	17.97	1.37	2.03	2.35	160.85

Grey cells show the effects related to the Mastery Increase *model, and white cells refer to effects related to the* Mastery Decrease *model*

Appendix B.

brms script for Bayesian Mixed Effects Models. B.1) *Emotion Increase* model; B.2) *Emotion Decrease* model; B3). *Mastery Increase* model; B4) *Mastery Decrease* model

```
# Emotional Cherry Picking: The role of personality and goal orientation in selective emotion regulation during musical practice
# AUTHORS: Gerard Breaden Madden, Steffen A. Herff, Scott W. Beveridge, Hans-Christian Jabusch
# CORRESPONDING AUTHOR: gerard.madden@hfmdd.de
```

```
# SETUP FOR ALL MODELS

install.packages("readxl")
install.packages("devtools")
install.packages("brms")
install.packages("rstanarm")

library("readxl")
library("devtools")
library("brms")
library("rstanarm")

options(mc.cores = parallel::detectCores())

bayes_data <- read_excel("DATASET DIRECTORY & EXCEL FILE NAME ")

# SCALING FOR ALL MODELS

bayes_data$Increase_scaled <- scale(bayes_data$Increase)
bayes_data$Decrease_scaled <- scale(bayes_data$Decrease)
bayes_data$Extraversion_scaled <- scale(bayes_data$Extraversion)
bayes_data$Agreeableness_scaled <- scale(bayes_data$Agreeableness)
bayes_data$Conscientiousness_scaled <- scale(bayes_data$Conscientiousness)
bayes_data$Openness_scaled <- scale(bayes_data$Openness)
bayes_data$Stability_scaled <- scale(bayes_data$Stability)
bayes_data$Mastery_scaled <- scale(bayes_data$Mastery_Goal)

# SET BASELINE

bayes_data$Emotion <- as.factor(bayes_data$Emotion)
bayes_data$Emotion <- relevel(bayes_data$Emotion, ref='Happiness')
```

```
# MODEL B.1 "Emotion Increase"

# SET MODEL PRIORS

Priors <- get_prior(Increase_scaled ~
            Extraversion_scaled*Emotion +
            Agreeableness_scaled*Emotion +
            Conscientiousness_scaled*Emotion +
            Openness_scaled*Emotion +
            Stability_scaled*Emotion + Mastery_scaled*Emotion +
           (1 | Participant),
          bayes_data,
          gaussian(link='identity') )
Priors[Priors$prior == "student_t(3, 0, 10)",'prior'] <- "student_t(3, 0, 1)"

# RUN "Emotion Increase" MODEL

fit_emotionincrease <- brm(Increase_scaled ~
               Extraversion_scaled*Emotion +
               Agreeableness_scaled*Emotion +
               Conscientiousness_scaled*Emotion +
               Openness_scaled*Emotion +
               Stability_scaled*Emotion + Mastery_scaled*Emotion +
              (1 | Participant),
              prior= Priors,
              family = gaussian(link='identity'),
              warmup = 3000,
              iter = 10000,
              inits = 0,
              chains = 4,
              cores = 4,
              control = list(adapt_delta = 0.95, max_treedepth = 15),
              data = bayes_data)
summary(fit_emotionincrease)

conditional_effects(fit_emotionincrease)
```

```
# MODEL B.2 "Emotion Decrease"

# SET MODEL PRIORS

Priors <- get_prior(Decrease_scaled ~
            Extraversion_scaled*Emotion +
            Agreeableness_scaled*Emotion +
            Conscientiousness_scaled*Emotion +
            Openness_scaled*Emotion +
            Stability_scaled*Emotion +
           (1 | Participant),
          bayes_data,
          gaussian(link='identity') )
Priors[Priors$prior == "student_t(3, 0, 10)",'prior'] <- "student_t(3, 0, 1)"

# RUN "Emotion Decrease" MODEL

fit_emotiondecrease <- brm(Decrease_scaled ~
               Extraversion_scaled*Emotion +
               Agreeableness_scaled*Emotion +
               Conscientiousness_scaled*Emotion +
               Openness_scaled*Emotion +
               Stability_scaled*Emotion +
              (1 | Participant),
              prior= Priors,
              family = gaussian(link='identity'),
              warmup = 3000,
              iter = 10000,
              inits = 0,
              chains = 4,
              cores = 4,
              control = list(adapt_delta = 0.95, max_treedepth = 15),
              data = bayes_data)
summary(fit_emotiondecrease)

conditional_effects(fit_emotiondecrease)
```

```
# MODEL B.3 "Mastery Increase"

# SET MODEL PRIORS

Priors <- get_prior(Inecrease_scaled ~
            Extraversion_scaled*Emotion*Mastery_scaled +
            Agreeableness_scaled*Emotion*Mastery_scaled +
            Conscientiousness_scaled*Emotion*Mastery_scaled +
            Openness_scaled*Emotion*Mastery_scaled +
            Stability_scaled*Emotion*Mastery_scaled +
            (1 | Participant),
        bayes_data,
        gaussian(link='identity') )
Priors[Priors$prior == "student_t(3, 0, 10)",'prior'] <- "student_t(3, 0, 1)"

# RUN "Mastery Increase" MODEL

fit_masteryincrease <- brm(Increase_scaled ~
                Extraversion_scaled*Emotion*Mastery_scaled +
                Agreeableness_scaled*Emotion*Mastery_scaled +
                Conscientiousness_scaled*Emotion*Mastery_scaled +
                Openness_scaled*Emotion*Mastery_scaled +
                Stability_scaled*Emotion*Mastery_scaled +
                (1 | Participant),
            prior= Priors,
            family = gaussian(link='identity'),
            warmup = 3000,
            iter = 10000,
            inits = 0,
            chains = 4,
            cores = 4,
            control = list(adapt_delta = 0.95, max_treedepth = 15),
            data = bayes_data)
summary(fit_masteryincrease)

conditional_effects(fit_masteryincrease)
```

```
# MODEL B.4 "Mastery Decrease"

# SET MODEL PRIORS

Priors <- get_prior(Decrease_scaled ~
            Extraversion_scaled*Emotion*Mastery_scaled +
            Agreeableness_scaled*Emotion*Mastery_scaled +
            Conscientiousness_scaled*Emotion*Mastery_scaled +
            Openness_scaled*Emotion*Mastery_scaled +
            Stability_scaled*Emotion*Mastery_scaled +
            (1 | Participant),
        bayes_data,
        gaussian(link='identity') )
Priors[Priors$prior == "student_t(3, 0, 10)",'prior'] <- "student_t(3, 0, 1)"

# RUN "Mastery Decrease" MODEL

fit_masterydecrease <- brm(Decrease_scaled ~
                Extraversion_scaled*Emotion*Mastery_scaled +
                Agreeableness_scaled*Emotion*Mastery_scaled +
                Conscientiousness_scaled*Emotion*Mastery_scaled +
                Openness_scaled*Emotion*Mastery_scaled +
                Stability_scaled*Emotion*Mastery_scaled +
                (1 | Participant),
            prior= Priors,
            family = gaussian(link='identity'),
            warmup = 3000,
            iter = 10000,
            inits = 0,
            chains = 4,
            cores = 4,
            control = list(adapt_delta = 0.95, max_treedepth = 15),
            data = bayes_data)
summary(fit_ masterydecrease)

conditional_effects(fit_masterydecrease)
```

Appendix C.

Hypothesis Test Scripts for C.1) *Emotion Increase* model; C.2) *Emotion Decrease* model; C3). *Mastery Increase* model; C4) *Mastery Decrease* model

---

 # C.1 HYPOTHESIS TESTING FOR THE *EMOTION INCREASE* MODEL

 # AGREEABLENESS
hypothesis(fit_emotionincrease, c('Agreeableness_scaled > 0'))
hypothesis(fit_emotionincrease, c('Agreeableness_scaled + EmotionEnergy:Agreeableness_scaled > 0'))
hypothesis(fit_emotionincrease, c('Agreeableness_scaled + EmotionCalmness:Agreeableness_scaled > 0'))
hypothesis(fit_emotionincrease, c('Agreeableness_scaled + EmotionGloom:Agreeableness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Agreeableness_scaled + EmotionGuilt:Agreeableness_scaled > 0'))
hypothesis(fit_emotionincrease, c('Agreeableness_scaled + EmotionSluggish:Agreeableness_scaled > 0'))
hypothesis(fit_emotionincrease, c('Agreeableness_scaled + EmotionAnxious:Agreeableness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Agreeableness_scaled + EmotionDownhearted:Agreeableness_scaled > 0'))
hypothesis(fit_emotionincrease, c('Agreeableness_scaled + EmotionNervous:Agreeableness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Agreeableness_scaled + EmotionAnger:Agreeableness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Agreeableness_scaled + EmotionFocus:Agreeableness_scaled > 0'))

 # CONSCIENTIOUSNESS
hypothesis(fit_emotionincrease, c('Conscientiousness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Conscientiousness_scaled + EmotionEnergy:Conscientiousness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Conscientiousness_scaled + EmotionCalmness:Conscientiousness_scaled > 0'))
hypothesis(fit_emotionincrease, c('Conscientiousness_scaled + EmotionGloom:Conscientiousness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Conscientiousness_scaled + EmotionGuilt:Conscientiousness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Conscientiousness_scaled + EmotionSluggish:Conscientiousness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Conscientiousness_scaled + EmotionAnxious:Conscientiousness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Conscientiousness_scaled + EmotionDownhearted:Conscientiousness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Conscientiousness_scaled + EmotionNervous:Conscientiousness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Conscientiousness_scaled + EmotionAnger:Conscientiousness_scaled > 0'))
hypothesis(fit_emotionincrease, c('Conscientiousness_scaled + EmotionFocus:Conscientiousness_scaled < 0'))

 # EMOTIONAL STABILITY
hypothesis(fit_emotionincrease, c('Stability_scaled < 0'))
hypothesis(fit_emotionincrease, c('Stability_scaled + EmotionEnergy:Stability_scaled < 0'))
hypothesis(fit_emotionincrease, c('Stability_scaled + EmotionCalmness:Stability_scaled < 0'))
hypothesis(fit_emotionincrease, c('Stability_scaled + EmotionGloom:Stability_scaled > 0'))
hypothesis(fit_emotionincrease, c('Stability_scaled + EmotionGuilt:Stability_scaled < 0'))
hypothesis(fit_emotionincrease, c('Stability_scaled + EmotionSluggish:Stability_scaled < 0'))
hypothesis(fit_emotionincrease, c('Stability_scaled + EmotionAnxious:Stability_scaled < 0'))
hypothesis(fit_emotionincrease, c('Stability_scaled + EmotionDownhearted:Stability_scaled < 0'))
hypothesis(fit_emotionincrease, c('Stability_scaled + EmotionNervous:Stability_scaled > 0'))
hypothesis(fit_emotionincrease, c('Stability_scaled + EmotionAnger:Stability_scaled < 0'))
hypothesis(fit_emotionincrease, c('Stability_scaled + EmotionFocus:Stability_scaled < 0'))

```
# EXTRAVERSION
hypothesis(fit_emotionincrease, c('Extraversion_scaled < 0'))
hypothesis(fit_emotionincrease, c('Extraversion_scaled + Extraversion_scaled:EmotionEnergy > 0'))
hypothesis(fit_emotionincrease, c('Extraversion_scaled + Extraversion_scaled:EmotionCalmness < 0'))
hypothesis(fit_emotionincrease, c('Extraversion_scaled + Extraversion_scaled:EmotionGloom > 0'))
hypothesis(fit_emotionincrease, c('Extraversion_scaled + Extraversion_scaled:EmotionGuilt < 0'))
hypothesis(fit_emotionincrease, c('Extraversion_scaled + Extraversion_scaled:EmotionSluggish < 0'))
hypothesis(fit_emotionincrease, c('Extraversion_scaled + Extraversion_scaled:EmotionAnxious < 0'))
hypothesis(fit_emotionincrease, c('Extraversion_scaled + Extraversion_scaled:EmotionDownhearted < 0'))
hypothesis(fit_emotionincrease, c('Extraversion_scaled + Extraversion_scaled:EmotionNervous > 0'))
hypothesis(fit_emotionincrease, c('Extraversion_scaled + Extraversion_scaled:EmotionAnger > 0'))
hypothesis(fit_emotionincrease, c('Extraversion_scaled + Extraversion_scaled:EmotionFocus > 0'))


#OPENNESS
hypothesis(fit_emotionincrease, c('Openness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Openness_scaled + EmotionEnergy:Openness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Openness_scaled + EmotionCalmness:Openness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Openness_scaled + EmotionGloom:Openness_scaled > 0'))
hypothesis(fit_emotionincrease, c('Openness_scaled + EmotionGuilt:Openness_scaled > 0'))
hypothesis(fit_emotionincrease, c('Openness_scaled + EmotionSluggish:Openness_scaled > 0'))
hypothesis(fit_emotionincrease, c('Openness_scaled + EmotionAnxious:Openness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Openness_scaled + EmotionDownhearted:Openness_scaled < 0'))
hypothesis(fit_emotionincrease, c('Openness_scaled + EmotionNervous:Openness_scaled > 0'))
hypothesis(fit_emotionincrease, c('Openness_scaled + EmotionAnger:Openness_scaled > 0'))
hypothesis(fit_emotionincrease, c('Openness_scaled + EmotionFocus:Openness_scaled < 0'))


# MASTERY GOAL ORIENTATION
hypothesis(fit_emotionincrease, c('Mastery_scaled < 0'))
hypothesis(fit_emotionincrease, c('Mastery_scaled + EmotionEnergy:Mastery_scaled < 0'))
hypothesis(fit_emotionincrease, c('Mastery_scaled + EmotionCalmness:Mastery_scaled > 0'))
hypothesis(fit_emotionincrease, c('Mastery_scaled + EmotionGloom:Mastery_scaled < 0'))
hypothesis(fit_emotionincrease, c('Mastery_scaled + EmotionGuilt:Mastery_scaled < 0'))
hypothesis(fit_emotionincrease, c('Mastery_scaled + EmotionSluggish:Mastery_scaled < 0'))
hypothesis(fit_emotionincrease, c('Mastery_scaled + EmotionAnxious:Mastery_scaled < 0'))
hypothesis(fit_emotionincrease, c('Mastery_scaled + EmotionDownhearted:Mastery_scaled < 0'))
hypothesis(fit_emotionincrease, c('Mastery_scaled + EmotionNervous:Mastery_scaled > 0'))
hypothesis(fit_emotionincrease, c('Mastery_scaled + EmotionAnger:Mastery_scaled > 0'))
hypothesis(fit_emotionincrease, c('Mastery_scaled + EmotionFocus:Mastery_scaled > 0'))
```

```
# C.2 HYPOTHESIS TESTING FOR THE EMOTION DECREASE MODEL

# AGREEABLENESS
hypothesis(fit_emotiondecrease, c('Agreeableness_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Agreeableness_scaled + EmotionEnergy:Agreeableness_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Agreeableness_scaled + EmotionCalmness:Agreeableness_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Agreeableness_scaled + EmotionGloom:Agreeableness_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Agreeableness_scaled + EmotionGuilt:Agreeableness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Agreeableness_scaled + EmotionSluggish:Agreeableness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Agreeableness_scaled + EmotionAnxious:Agreeableness_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Agreeableness_scaled + EmotionDownhearted:Agreeableness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Agreeableness_scaled + EmotionNervous:Agreeableness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Agreeableness_scaled + EmotionAnger:Agreeableness_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Agreeableness_scaled + EmotionFocus:Agreeableness_scaled > 0'))

# CONSCIENTIOUSNESS
hypothesis(fit_emotiondecrease, c('Conscientiousness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Conscientiousness_scaled + EmotionEnergy:Conscientiousness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Conscientiousness_scaled + EmotionCalmness:Conscientiousness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Conscientiousness_scaled + EmotionGloom:Conscientiousness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Conscientiousness_scaled + EmotionGuilt:Conscientiousness_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Conscientiousness_scaled + EmotionSluggish:Conscientiousness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Conscientiousness_scaled + EmotionAnxious:Conscientiousness_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Conscientiousness_scaled + EmotionDownhearted:Conscientiousness_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Conscientiousness_scaled + EmotionNervous:Conscientiousness_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Conscientiousness_scaled + EmotionAnger:Conscientiousness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Conscientiousness_scaled + EmotionFocus:Conscientiousness_scaled < 0'))

# EMOTIONAL STABILITY
hypothesis(fit_emotiondecrease, c('Stability_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Stability_scaled + EmotionEnergy:Stability_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Stability_scaled + EmotionCalmness:Stability_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Stability_scaled + EmotionGloom:Stability_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Stability_scaled + EmotionGuilt:Stability_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Stability_scaled + EmotionSluggish:Stability_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Stability_scaled + EmotionAnxious:Stability_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Stability_scaled + EmotionDownhearted:Stability_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Stability_scaled + EmotionNervous:Stability_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Stability_scaled + EmotionAnger:Stability_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Stability_scaled + EmotionFocus:Stability_scaled > 0'))
```

```
# EXTRAVERSION
hypothesis(fit_emotiondecrease, c('Extraversion_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Extraversion_scaled + Extraversion_scaled:EmotionEnergy > 0'))
hypothesis(fit_emotiondecrease, c('Extraversion_scaled + Extraversion_scaled:EmotionCalmness > 0'))
hypothesis(fit_emotiondecrease, c('Extraversion_scaled + Extraversion_scaled:EmotionGloom > 0'))
hypothesis(fit_emotiondecrease, c('Extraversion_scaled + Extraversion_scaled:EmotionGuilt > 0'))
hypothesis(fit_emotiondecrease, c('Extraversion_scaled + Extraversion_scaled:EmotionSluggish > 0'))
hypothesis(fit_emotiondecrease, c('Extraversion_scaled + Extraversion_scaled:EmotionAnxious > 0'))
hypothesis(fit_emotiondecrease, c('Extraversion_scaled + Extraversion_scaled:EmotionDownhearted > 0'))
hypothesis(fit_emotiondecrease, c('Extraversion_scaled + Extraversion_scaled:EmotionNervous < 0'))
hypothesis(fit_emotiondecrease, c('Extraversion_scaled + Extraversion_scaled:EmotionAnger < 0'))
hypothesis(fit_emotiondecrease, c('Extraversion_scaled + Extraversion_scaled:EmotionFocus > 0'))

# OPENNESS
hypothesis(fit_emotiondecrease, c('Openness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Openness_scaled + EmotionEnergy:Openness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Openness_scaled + EmotionCalmness:Openness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Openness_scaled + EmotionGloom:Openness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Openness_scaled + EmotionGuilt:Openness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Openness_scaled + EmotionSluggish:Openness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Openness_scaled + EmotionAnxious:Openness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Openness_scaled + EmotionDownhearted:Openness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Openness_scaled + EmotionNervous:Openness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Openness_scaled + EmotionAnger:Openness_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Openness_scaled + EmotionFocus:Openness_scaled < 0'))

# MASTERY GOAL ORIENTATION
hypothesis(fit_emotiondecrease, c('Mastery_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Mastery_scaled + EmotionEnergy:Mastery_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Mastery_scaled + EmotionCalmness:Mastery_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Mastery_scaled + EmotionGloom:Mastery_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Mastery_scaled + EmotionGuilt:Mastery_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Mastery_scaled + EmotionSluggish:Mastery_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Mastery_scaled + EmotionAnxious:Mastery_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Mastery_scaled + EmotionDownhearted:Mastery_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Mastery_scaled + EmotionNervous:Mastery_scaled > 0'))
hypothesis(fit_emotiondecrease, c('Mastery_scaled + EmotionAnger:Mastery_scaled < 0'))
hypothesis(fit_emotiondecrease, c('Mastery_scaled + EmotionFocus:Mastery_scaled > 0'))
```

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# C.3 HYPOTHESIS TESTING FOR THE MASTERY INCREASE MODEL

# AGREEABLENESS
hypothesis(fit_masteryincrease, c('Mastery_scaled:Agreeableness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Agreeableness_scaled + EmotionEnergy:Mastery_scaled:Agreeableness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Agreeableness_scaled + EmotionCalmness:Mastery_scaled:Agreeableness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Agreeableness_scaled + EmotionGloom:Mastery_scaled:Agreeableness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Agreeableness_scaled + EmotionGuilt:Mastery_scaled:Agreeableness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Agreeableness_scaled + EmotionSluggish:Mastery_scaled:Agreeableness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Agreeableness_scaled + EmotionAnxious:Mastery_scaled:Agreeableness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Agreeableness_scaled + EmotionDownhearted:Mastery_scaled:Agreeableness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Agreeableness_scaled + EmotionNervous:Mastery_scaled:Agreeableness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Agreeableness_scaled + EmotionAnger:Mastery_scaled:Agreeableness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Agreeableness_scaled + EmotionFocus:Mastery_scaled:Agreeableness_scaled > 0'))

# CONSCIENTIOUSNESS
hypothesis(fit_masteryincrease, c('Mastery_scaled:Conscientiousness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionEnergy:Mastery_scaled:Conscientiousness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionCalmness:Mastery_scaled:Conscientiousness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionGloom:Mastery_scaled:Conscientiousness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionGuilt:Mastery_scaled:Conscientiousness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionSluggish:Mastery_scaled:Conscientiousness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionAnxious:Mastery_scaled:Conscientiousness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionDownhearted:Mastery_scaled:Conscientiousness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionNervous:Mastery_scaled:Conscientiousness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionAnger:Mastery_scaled:Conscientiousness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionFocus:Mastery_scaled:Conscientiousness_scaled < 0'))

# EMOTIONAL STABILITY
hypothesis(fit_masteryincrease, c('Mastery_scaled:Stability_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Stability_scaled + EmotionEnergy:Mastery_scaled:Stability_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Stability_scaled + EmotionCalmness:Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Stability_scaled + EmotionGloom:Mastery_scaled:Stability_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Stability_scaled + EmotionGuilt:Mastery_scaled:Stability_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Stability_scaled + EmotionSluggish:Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Stability_scaled + EmotionAnxious:Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Stability_scaled + EmotionDownhearted:Mastery_scaled:Stability_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Stability_scaled + EmotionNervous:Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Stability_scaled + EmotionAnger:Mastery_scaled:Stability_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Stability_scaled + EmotionFocus:Mastery_scaled:Stability_scaled < 0'))
```

 # EXTRAVERSION
hypothesis(fit_masteryincrease, c('Extraversion_scaled:Mastery_scaled < 0'))
hypothesis(fit_masteryincrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionEnergy:Mastery_scaled < 0'))
hypothesis(fit_masteryincrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionCalmness:Mastery_scaled < 0'))
hypothesis(fit_masteryincrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionGloom:Mastery_scaled < 0'))
hypothesis(fit_masteryincrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionGuilt:Mastery_scaled > 0'))
hypothesis(fit_masteryincrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionSluggish:Mastery_scaled > 0'))
hypothesis(fit_masteryincrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionAnxious:Mastery_scaled > 0'))
hypothesis(fit_masteryincrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionDownhearted:Mastery_scaled < 0'))
hypothesis(fit_masteryincrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionNervous:Mastery_scaled > 0'))
hypothesis(fit_masteryincrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionAnger:Mastery_scaled > 0'))
hypothesis(fit_masteryincrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionFocus:Mastery_scaled < 0'))

 # OPENNESS
hypothesis(fit_masteryincrease, c('Mastery_scaled:Openness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Openness_scaled + EmotionEnergy:Mastery_scaled:Openness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Openness_scaled + EmotionCalmness:Mastery_scaled:Openness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Openness_scaled + EmotionGloom:Mastery_scaled:Openness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Openness_scaled + EmotionGuilt:Mastery_scaled:Openness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Openness_scaled + EmotionSluggish:Mastery_scaled:Openness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Openness_scaled + EmotionAnxious:Mastery_scaled:Openness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Openness_scaled + EmotionDownhearted:Mastery_scaled:Openness_scaled < 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Openness_scaled + EmotionNervous:Mastery_scaled:Openness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Openness_scaled + EmotionAnger:Mastery_scaled:Openness_scaled > 0'))
hypothesis(fit_masteryincrease, c('Mastery_scaled:Openness_scaled + EmotionFocus:Mastery_scaled:Openness_scaled < 0'))

C.4 HYPOTHESIS TESTING FOR THE *MASTERY DECREASE* MODEL

# AGREEABLENESS
hypothesis(fit_masterydecrease, c('Mastery_scaled:Agreeableness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Agreeableness_scaled + EmotionEnergy:Mastery_scaled:Agreeableness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Agreeableness_scaled + EmotionCalmness:Mastery_scaled:Agreeableness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Agreeableness_scaled + EmotionGloom:Mastery_scaled:Agreeableness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Agreeableness_scaled + EmotionGuilt:Mastery_scaled:Agreeableness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Agreeableness_scaled + EmotionSluggish:Mastery_scaled:Agreeableness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Agreeableness_scaled + EmotionAnxious:Mastery_scaled:Agreeableness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Agreeableness_scaled + EmotionDownhearted:Mastery_scaled:Agreeableness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Agreeableness_scaled + EmotionNervous:Mastery_scaled:Agreeableness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Agreeableness_scaled + EmotionAnger:Mastery_scaled:Agreeableness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Agreeableness_scaled + EmotionFocus:Mastery_scaled:Agreeableness_scaled < 0'))

# CONSCIENTIOUSNESS
hypothesis(fit_masterydecrease, c('Mastery_scaled:Conscientiousness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionEnergy:Mastery_scaled:Conscientiousness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionCalmness:Mastery_scaled:Conscientiousness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionGloom:Mastery_scaled:Conscientiousness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionGuilt:Mastery_scaled:Conscientiousness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionSluggish:Mastery_scaled:Conscientiousness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionAnxious:Mastery_scaled:Conscientiousness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionDownhearted:Mastery_scaled:Conscientiousness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionNervous:Mastery_scaled:Conscientiousness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionAnger:Mastery_scaled:Conscientiousness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Conscientiousness_scaled + EmotionFocus:Mastery_scaled:Conscientiousness_scaled < 0'))

# EMOTIONAL STABILITY
hypothesis(fit_masterydecrease, c('Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Stability_scaled + EmotionEnergy:Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Stability_scaled + EmotionCalmness:Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Stability_scaled + EmotionGloom:Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Stability_scaled + EmotionGuilt:Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Stability_scaled + EmotionSluggish:Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Stability_scaled + EmotionAnxious:Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Stability_scaled + EmotionDownhearted:Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Stability_scaled + EmotionNervous:Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Stability_scaled + EmotionAnger:Mastery_scaled:Stability_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Stability_scaled + EmotionFocus:Mastery_scaled:Stability_scaled > 0'))

#EXTRAVERSION
hypothesis(fit_masterydecrease, c('Extraversion_scaled:Mastery_scaled < 0'))
hypothesis(fit_masterydecrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionEnergy:Mastery_scaled < 0'))
hypothesis(fit_masterydecrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionCalmness:Mastery_scaled < 0'))
hypothesis(fit_masterydecrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionGloom:Mastery_scaled < 0'))
hypothesis(fit_masterydecrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionGuilt:Mastery_scaled < 0'))
hypothesis(fit_masterydecrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionSluggish:Mastery_scaled < 0'))
hypothesis(fit_masterydecrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionAnxious:Mastery_scaled < 0'))
hypothesis(fit_masterydecrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionDownhearted:Mastery_scaled < 0'))
hypothesis(fit_masterydecrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionNervous:Mastery_scaled < 0'))
hypothesis(fit_masterydecrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionAnger:Mastery_scaled < 0'))
hypothesis(fit_masterydecrease, c('Extraversion_scaled:Mastery_scaled + Extraversion_scaled:EmotionFocus:Mastery_scaled < 0'))

 # OPENNESS
hypothesis(fit_masterydecrease, c('Mastery_scaled:Openness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Openness_scaled + EmotionEnergy:Mastery_scaled:Openness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Openness_scaled + EmotionCalmness:Mastery_scaled:Openness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Openness_scaled + EmotionGloom:Mastery_scaled:Openness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Openness_scaled + EmotionGuilt:Mastery_scaled:Openness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Openness_scaled + EmotionSluggish:Mastery_scaled:Openness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Openness_scaled + EmotionAnxious:Mastery_scaled:Openness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Openness_scaled + EmotionDownhearted:Mastery_scaled:Openness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Openness_scaled + EmotionNervous:Mastery_scaled:Openness_scaled > 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Openness_scaled + EmotionAnger:Mastery_scaled:Openness_scaled < 0'))
hypothesis(fit_masterydecrease, c('Mastery_scaled:Openness_scaled + EmotionFocus:Mastery_scaled:Openness_scaled > 0'))

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