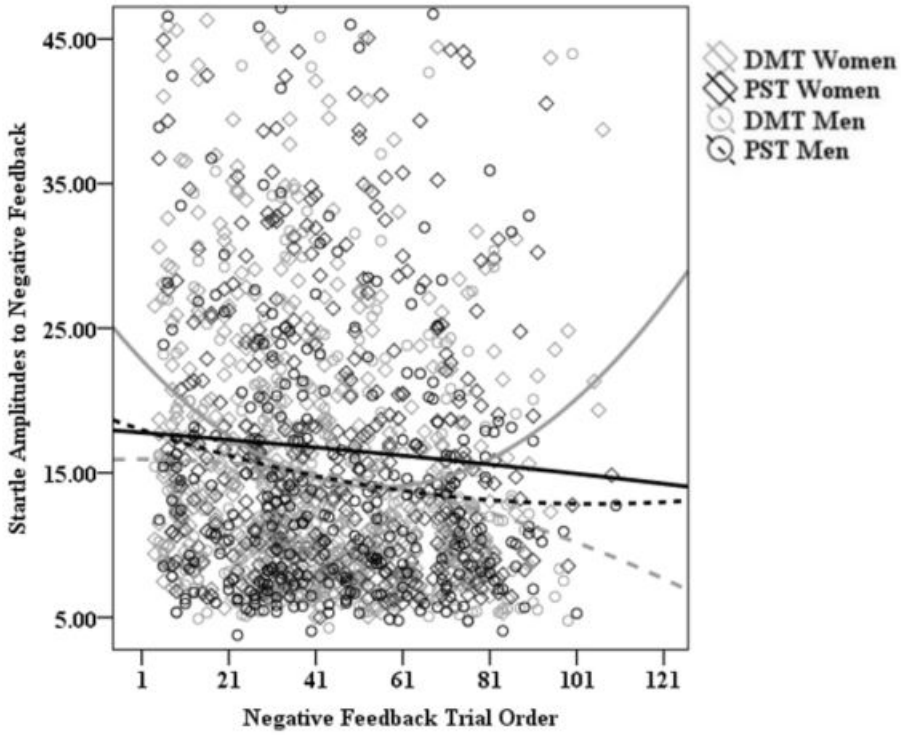
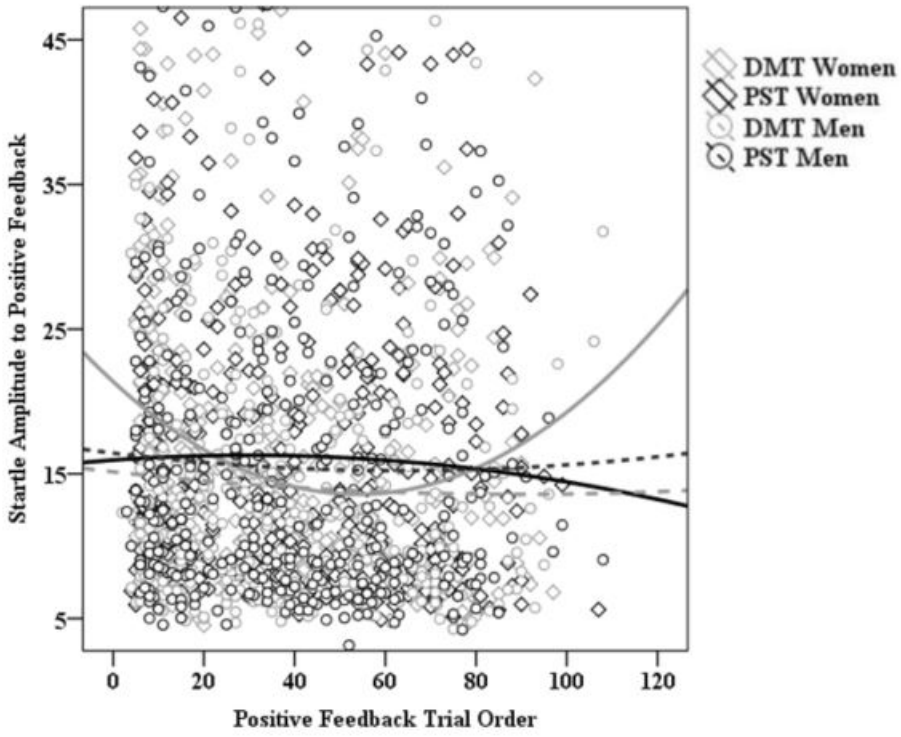
Supplementary Results Section

Supplemental Figure 1. Distribution of all EMG amplitudes elicited to startle probes as a function of (a) negative and (b) positive feedback. Quadratic lines of best fit are overlaid on the amplitude distributions to demonstrate the quadratic relationship exhibited by women in the DMT condition. Note that the quadratic curve for positive feedback among DMT women (b) was not significant in the statistical model, whereas the quadratic curve for negative feedback among DMT women (a) was significant.

(a)



(b)



Math devaluing and self-enhancement

To quantify math self-perceptions, two ANOVAs were performed on math valuing questions and math self-assessments. An initial 2 (Gender: Men or Women) x 2 (Condition: DMT or PST) factorial ANOVAs was conducted on participants' math valuing mean composite scores. This analysis yielded no main effects or interactions (p's>.08).

An additional 2 (Gender: Men or Women) x 2 (Condition: DMT or PST) factorial ANOVAs was conducted on participants' math self-enhancement. This analysis also yielded no main effects or interactions (p's>.15).

Basic Graph theory analyses

The following analyses excluded the same individuals as the main text mediation and moderation analyses. Degrees of freedom may vary due to participants not having enough valid

EEG trials. A 2 (Gender: Men, Women) x 2 (Task Description: DMT, PST) x 2 (Feedback Type: Wrong, Correct) x 4 (Frequency Band: theta, alpha, beta, gamma) mixed factors ANOVA with repeated measures on the latter variable was conducted on participant's emotional network subnetwork modularity variables, emotional network select network modularity variables, semantic memory network variables, and semantic memory network select network modularity variables.

Emotional Network Subnetwork Modularity

Analyses on the emotional network subnetwork modularity to hits revealed a main effect for frequency band, F (3, 78)=4.632, p=.005, η^2=.151. A marginal interaction between feedback type and frequency band was also apparent, F (1, 80)=3.470, p=.066, η^2=.042. There was also an interaction between feedback type, frequency band, condition, and gender F (3, 78) =2.727, p = .050, η^2=.095. Simple effects analyses indicated that emotional network subnetwork modularity was greatest in the alpha (p=.003) and beta (p=.017) frequency bands to all feedback in comparison to the theta frequency band and that the emotional network subnetwork modularity was lowest in the theta frequency band in comparison to the other frequency bands (p's<.05). Specifically, for positive feedback, emotional network subnetwork modularity was greatest in the alpha and beta frequency bands in comparison to the theta frequency band (p's<.05). For negative feedback the emotional network subnetwork modularity was greatest in the alpha frequency band in comparison to theta and beta frequency bands (p's <.18).

Analyses on the emotion network subnetwork modularity to false alarms revealed a main effect for frequency band, F (3, 133)=15.704, p<.01, η^2=.262. Simple effects indicated that emotion network subnetwork modularity to all false alarms was greatest in the alpha, beta, and

gamma frequency bands in comparison to theta frequency band (p's < .001). No other effects were significant (*p*'s>.07).

Analyses on the emotion network subnetwork modularity to misses revealed a main effect for frequency band, F (3, 116)=4.333, p=.006, η^2=.101, indicating that emotion network Subnetwork Modularity to all misses was greatest in the alpha, beta, and gamma frequency bands in comparison to theta (p's<.05). No other effects were significant (*p*'s>.10).

Analyses on the emotion network subnetwork modularity to correct rejections revealed a main effect for frequency band, F (3, 133)=9.276, p<.001, η^2=.173. A significant interaction between feedback type and frequency band was also found, F (3, 133)=3.741, p=.013, η^2=.078. Simple effects revealed that subnetwork modularity to correct rejections in the gamma and alpha was greater than the theta frequency band (p<.05). Subnetwork modularity to correct rejections was also greater in the gamma frequency band in comparison to the theta frequency band (p<.001). No other effects were significant (p's>.244).

Emotion Network Select Network Modularity

Analyses on the emotion network select network modularity to hits revealed a main effect for frequency band F (3, 78)=10.491, p<.001, η^2=.287 Simple effects indicated that emotion network select network modularity was greatest in the alpha, beta, and gamma frequency bands in comparison to the theta frequency band (p's<.001). No other effects were significant (p's>.09)

Analyses on the emotion network select network modularity to false alarms revealed a main effect for frequency band, F (3, 133)=47.932, p<.001, η^2=.520. An interaction between feedback type, frequency, and gender was also shown, F(3, 133)=2.847, p = .040, η^2=.060. Simple effects indicated that emotion network select network modularity was greatest in the alpha, beta, and gamma frequency bands to all feedback false alarms in comparison to the theta

frequency band (p's<.001). Specifically in the gamma frequency band, select network modularity to false alarms was greater to negative feedback than positive feedback in the PST condition (p=.017). No other effects were significant (*p*'s>.09).

Analyses on the emotion network select network modularity to misses revealed a main effect for frequency band F (3, 116)=18.528, p<.001, η^2=.324,. An interaction was found between feedback type, condition, and frequency band F (3, 116)=3.449, p<.019, η^2=.082. Simple effects indicated that emotion network select network modularity was greatest in the alpha, beta, and gamma frequency bands to misses in comparison to theta (p's<.001). Specifically for positive feedback in the DMT condition, select network modularity was greatest in the alpha, beta, and gamma frequency bands in comparison to theta (p's<.001). In the PST condition select network modularity to positive feedback was greatest in the alpha and beta frequency bands in comparison to theta (p's<.05). For negative feedback in the DMT condition, select network modularity was greatest in the alpha, beta, and gamma frequency bands in comparison to theta (p's<.05). In the PST condition select network modularity to negative feedback was greatest in the alpha, beta and gamma frequency bands as well in comparison to theta (p's<.001). No other effects were significant (*p*'s>.09).

Analyses on the emotion network select network modularity to correct rejections revealed a main effect for frequency band F (3, 133)=57.738, p<.001, η^2=.566. Simple effects revealed that select network modularity to correct rejections was greatest in the alpha and gamma frequency band in comparison to theta (p's<.01). select network modularity in the beta band was also greater in comparison to the alpha frequency band (p=.002). In comparison to the gamma frequency band, select network modularity in the beta frequency band was also greater (p<.001). No other effects were significant (p's>.23).

Semantic Memory Network Subnetwork Modularity

Analyses on the semantic memory network subnetwork modularity to hits revealed no significant effects (*p*'s>.08).

Analyses on the semantic memory network subnetwork modularity to false alarms revealed a main effect for frequency F (3, 133)=94.196, p<.001, η^2=.680. An interaction between feedback type and frequency band was also apparent, F(3, 133)=3.500, p=.017, η^2=.073. Simple effects indicated that semantic memory subnetwork modularity was greatest in the alpha, beta, and gamma frequency bands in comparison to the theta frequency band (p's<.001). Semantic memory network subnetwork modularity was also greater in the alpha frequency band in comparison to gamma (p<.001), and in the beta frequency band in comparison to gamma (p<.001). In the theta frequency band specifically subnetwork modularity was greater for negative feedback in comparison to positive feedback (p=.005). No other effects were significant (*p*'s>.21).

Analyses on the semantic memory network subnetwork modularity to misses revealed a main effect for frequency F (3, 116)=5.675, p=.001, η^2=.128. An interaction between frequency band, condition, and gender was found, F(3,116)= 3.147, p=.028 η^2=.075). Simple effects indicated that indicating that semantic memory network subnetwork modularity was greatest in the alpha, beta, and gamma frequency bands to misses in comparison to the theta frequency band (p's<.01). Specifically in the gamma frequency band for negative feedback misses, semantic memory subnetwork modularity was greater in the DMT condition than the PST condition (p=.001). No other effects were significant (*p*'s>.12).

Analyses on the semantic memory network subnetwork modularity to correct rejections revealed a main effect for frequency F(3, 133)=169.154, p<.001, η^2=.792. Simple effects

revealed that semantic memory network subnetwork modularity to correct rejections was highest in the beta frequency band in comparison to all other frequency bands(p's<.05). Semantic memory network subnetwork modularity was also lowest in the theta frequency band in comparison to all the other frequency bands (p's<.001). Semantic memory network subnetwork modularity to correct rejections was also higher in alpha in comparison to the gamma frequency band (p<.001). No other effects were significant (p's>.14).

Semantic Memory Network Select Network Modularity

Analyses on the semantic memory network select network modularity to hits revealed a main effect for feedback type, F (1, 80)=10.510, p=.002, η^2=.116, An interaction was found between frequency band and gender, F(3, 78)=2.775, p=.047, η^2=.096. An interaction was found between feedback type and frequency, F(3,78), p=.036, η^2=.103. A final three way interaction between feedback type, frequency band, and condition was also found F(3,78)=2.767, p=.047, η^2=.096. Simple effects revealed that semantic memory network select network modularity to hits was greater to negative feedback than positive feedback (p=.002). In comparison to the theta frequency band, semantic memory network select network modularity to hits was greater in the beta frequency band (p=.049. For females specifically, semantic memory network select network modularity to hits was greater in the alpha and beta frequency bands in comparison to the theta frequency band (p's<.05). For males, select network modularity was greater in the beta frequency band than the alpha frequency band (p=.048). For alpha, beta and gamma frequency bands select network modularity was higher for negative feedback than positive feedback (p's<.05). In the PST condition in the beta frequency band select network modularity was higher for negative feedback in comparison to positive feedback (p=.001). For beta and gamma

frequency bands, select network modularity was higher for negative feedback than positive feedback (p's<.05). No other effects were significant (*p*'s>.23).

Analyses on the semantic memory network select network modularity to false alarms revealed a main effect for frequency F(3, 133)=9.447, *p*<.01, η^2=.176, indicating that semantic memory network subnetwork modularity was greatest in the alpha, beta, and gamma frequency bands to false alarms in comparison to the theta frequency band (p's<.001). No other effects were significant (*p*'s>.07).

Analyses on the semantic memory network select network modularity to misses revealed a main effect for frequency *F* (3, 116)=5.515, *p*=.001, η^2=.125. An interaction between frequency band, condition, and feedback type was found (F(3,116)=3.518, *p*=.017, η^2=.083). Simple effects revealed that semantic memory network select network modularity was greatest in the alpha, beta, and gamma frequency bands to misses in comparison to the theta frequency band (p's<.05). In the theta frequency band specifically, select network modularity was greater for negative feedback than positive feedback in the PST condition (p=.036). In the beta frequency band select network modularity to misses was greater for positive feedback in the DMT condition (p=.046). No other effects were significant (*p*'s>.11).

Analyses on the semantic memory network select network modularity to correct rejections revealed a main effect for frequency band F(3, 133)=17.133, p<.001, η^2=.279. An interaction between feedback type and condition was also found F(1, 135)=5.145, p=.025, η^2=..037. Simple effect revealed that select network modularity was greatest in alpha, beta, and gamma frequency bands in comparison to theta (P,.01). In comparison to gamma, the SM in the beta and alpha frequency bands were also higher (p's<.001). For positive feedback, select

network modularity was also greater in the DMT condition in comparison to the PST condition (p=.05). No other effects were significant (p's>.14).

Additional double moderated mediation results

The results from our double moderated mediation revealed that when utilizing startle responses to negative feedback as a predictor, emotion network connectivity measured by Subnetwork modularity in the beta frequency band in response to negative hit memory trials as the mediator, Dprime for negative fonts as the outcome variable, and condition and gender as the two moderator variables, an indirect pathway was significant for women in the DMT condition. We found another significant indirect pathway for negative feedback correct rejection trials in the theta and alpha frequency bands as well. Other double moderated meditation models that included other negative and positive font related variables, emotion network connectivity measured by subnetwork modularity on trials in the memory test associated with hits, misses, false alarms and correct rejections of negative and positive feedback were not found to be significant (Tables, 1, 2, 3, and 4). In addition to this, we tested these 32 models using select network modularity of the emotion network and found no significant indirect effects between the startle response and DPrime (Tables 5, 6, 7, and 8).

Additional double moderated regression results

The results from our double moderated regression suggested that men encoded negative feedback more accurately to the extent they exhibited greater connectivity within the semantic network using select network modularity in the gamma band during trials in which they accurately identified previously seen fonts associated with negative feedback. We tested this model using both negative and positive feedback variables and semantic memory network connectivity on trials in the memory test associated with hits, misses, false alarms, and correct

rejections of negative and positive feedback in all frequency bands (32 models). These models revealed that our main finding was also seen with men in the control condition in the beta frequency band (b=13.8953 95% CI [1.2088, 26.5818]). Other effects were found with correct rejections. DMT men could correctly recall negative feedback they had seen before more accurately to the extent they exhibited greater connectivity within the semantic network (select network modularity) in the theta frequency band during trials in which they accurately rejected novel fonts associated with negative feedback (b=20.2828, 95%CI[1.9267,38.6388]). This exact relationship was also found with DMT men in the gamma frequency band (b=16.5945, 95%CI[1.9509,31.2381]). PST men had the opposite effect, they could not accurately recall negative feedback to the extent they exhibited this connectivity to correct reject trials to negative feedback in the theta frequency band (b=16.6976, 95%CI[-31.8418, -1.5535]).

Regarding positive feedback, DMT women also demonstrated a few relationships. DMT women could not accurately recall positive feedback they had seen before to the extent they exhibited greater connectivity within the semantic network using select network modularity in the alpha band during trials in which they accurately rejected fonts associated with positive feedback they had not seen before (b=-18.6873, 95%CI[-36.8257, -.5490]). This exact relationship was also observed in the gamma frequency band (b=-19.7003, 95%CI[-35.9866, -3.4139]). This suggests that women could recall what positive feedback they saw less accurately to the extent that they exhibited greater connectivity within the semantic network in these frequency bands during trials associated with positive lures. No other indirect effects were significant (Tables 9-16).

Semantic Memory Encoding of Negative Feedback Enhances Math Performance for Males.

The following analyses excluded the same participants excluded for basic memory and startle analyses. To determine whether there was a link between semantic memory encoding for negative feedback and performance on the font math task, a double moderation was performed. We tested for this by deriving unstandardized regression coefficients and 95% bias-corrected confidence intervals (CIs) from 10,000 bootstrap estimates (Hayes, 2013; model 2). 95% CIs were considered significant if the confidence interval did not contain zero (Cumming, 2008). We tested separate models for semantic memory network connectivity to positive and negative feedback (subnetwork and select network modularity values) in each frequency band (16 models total, Tables 17 & 18).

These analyses revealed a positive relationship for DMT men, b=3.4981, 95%CI [.1281, 6.8680], and PST men, b=5.0802, 95%CI [1.3569, 8.8035], in the theta frequency band. For men, the more semantic memory network connectivity (Subnetwork modularity) they had during negative feedback encoding the better they performed on the font task overall. This relationship was not present for women in either condition (p's>.40). Using select network modularity to measure semantic memory network connectivity to negative feedback DMT women in the theta frequency band showed a negative relationship between semantic memory encoding to negative feedback and performance, b=-3.9709, 95%CI[-7.8572, -.0846]. In other words, the more they encoded negative feedback through a semantic memory process the worse they performed. mirrored our findings with subnetwork modularity above. This relationship was also found with positive feedback in the beta frequency band for DMT women, b=-5.8660, 95%CI[-9.5849, -2.1417]. No other relationships were found. This suggests that semantic memory network connectivity to negative feedback may modulate performance in different ways for men and

women in different contexts, having an overall positive effect for men and an overall negative effect for women.

Supplementary tables:

Table 1: Emotion Network Subnetwork Modularity Models to Hits

Table 1

Alternative Moderated Mediation Models; Subnetwork Modularity to Hits

Model	Condition	Confidence Interval	
		ULCI	LLCI
Subnetwork Modularity Hits to Negative Feedback Theta	DMT Women	-0.0033	0.0069
	PST Women	-0.0011	0.0074
	DMT Men	-0.0111	0.0093
	PST Men	-0.0024	0.0119
Subnetwork Modularity Hits to Negative Feedback Alpha	DMT Women	-0.004	0.0043
	PST Women	-0.0017	0.0114
	DMT Men	-0.0108	0.0246
	PST Men	-0.0193	0.002
Subnetwork Modularity Hits to Negative Feedback Beta	DMT Women	0.0013*	0.0185*
	PST Women	-0.0021	0.0069
	DMT Men	-0.0017	0.0286
	PST Men	-0.0041	0.0261
Subnetwork Modularity Hits to Negative Feedback Gamma	DMT Women	-0.002	0.006
	PST Women	-0.001	0.0068
	DMT Men	-0.0023	0.0128
	PST Men	-0.0035	0.0109
Subnetwork Modularity Hits to Correct Feedback Theta	DMT Women	-0.0023	0.0172
	PST Women	-0.014	0.0015
	DMT Men	-0.0108	0.005
	PST Men	-0.0029	0.0208
Subnetwork Modularity Hits to Correct Feedback Alpha	DMT Women	-0.0098	0.0142
	PST Women	-0.0019	0.0089
	DMT Men	-0.0098	0.0051
	PST Men	-0.018	0.0036
Subnetwork Modularity Hits to Correct Feedback Beta	DMT Women	-0.011	0.0042
	PST Women	-0.0121	0.0024
	DMT Men	-0.0152	0.0062
	PST Men	-0.0032	0.0073
Subnetwork Modularity Hits to Correct Feedback Gamma	DMT Women	-0.016	0.005
	PST Women	-0.0023	0.0159
	DMT Men	-0.0034	0.0126
	PST Men	-0.0197	0.0042

Table 1

Table 2: Emotion Network Subnetwork Modularity Models to Misses

Table 2

Alternative Moderated Mediation Models; Subnetwork Modularity to Misses

Model	Condition	Confidence Interval	
		ULCI	LLCI
Subnetwork Modularity Misses to Negative Feedback Theta	DMT Women	-0.0052	0.0016
	PST Women	-0.0012	0.0020
	DMT Men	-0.0023	0.0094
	PST Men	-0.0130	0.0027
Subnetwork Modularity Misses to Negative Feedback Alpha	DMT Women	-0.0034	0.0052
	PST Women	-0.0051	0.0018
	DMT Men	-0.0169	0.0027
	PST Men	-0.0089	0.0027
Subnetwork Modularity Misses to Negative Feedback Beta	DMT Women	-0.0031	0.0060
	PST Women	-0.0046	0.0011
	DMT Men	-0.0030	0.0221
	PST Men	-0.0053	0.0037
Subnetwork Modularity Misses to Negative Feedback Gamma	DMT Women	-0.0047	0.0023
	PST Women	-0.0012	0.0031
	DMT Men	-0.0022	0.0178
	PST Men	-0.0087	0.0030
Subnetwork Modularity Misses to Correct Feedback Theta	DMT Women	-0.0088	0.0082
	PST Women	-0.0032	0.0099
	DMT Men	-0.0152	0.0057
	PST Men	-0.0109	0.0088
Subnetwork Modularity Misses to Correct Feedback Alpha	DMT Women	-0.0065	0.0031
	PST Women	-0.0024	0.0106
	DMT Men	-0.0211	0.0007
	PST Men	-0.0234	0.0033
Subnetwork Modularity Misses to Correct Feedback Beta	DMT Women	-0.0031	0.0075
	PST Women	-0.0083	0.0052
	DMT Men	-0.0219	0.0017
	PST Men	-0.0222	0.0009
Subnetwork Modularity Misses to Correct Feedback Gamma	DMT Women	-0.0028	0.0071
	PST Women	-0.0064	0.0018
	DMT Men	-0.0129	0.0028
	PST Men	-0.0070	0.0151

Table 2

Table 3: Emotion Network Subnetwork Modularity Models to False Alarms

Table 3

Alternative Moderated Mediation Models; Subnetwork Modularity to False Alarms

Model	Condition	Confidence Interval	
		ULCI	LLCI
Subnetwork Modularity False Alarms to Negative Feedback Theta	DMT Women	-0.0017	0.0131
	PST Women	-0.0020	0.0020
	DMT Men	-0.0092	0.0043
	PST Men	-0.0112	0.0020
Subnetwork Modularity False Alarms to Negative Feedback Alpha	DMT Women	-0.0006	0.0116
	PST Women	-0.0123	0.0008
	DMT Men	-0.0189	0.0009
	PST Men	-0.0143	0.0019
Subnetwork Modularity False Alarms to Negative Feedback Beta	DMT Women	-0.0018	0.0141
	PST Women	-0.0022	0.0047
	DMT Men	-0.0089	0.0034
	PST Men	-0.0047	0.0027
Subnetwork Modularity False Alarms to Negative Feedback Gamma	DMT Women	-0.0005	0.0113
	PST Women	-0.0032	0.0022
	DMT Men	-0.0089	0.0015
	PST Men	-0.0021	0.0048
Subnetwork Modularity False Alarms to Correct Feedback Theta	DMT Women	-0.0052	0.0025
	PST Women	-0.0014	0.0082
	DMT Men	-0.0113	0.0030
	PST Men	-0.0044	0.0188
Subnetwork Modularity False Alarms to Correct Feedback Alpha	DMT Women	-0.0020	0.0107
	PST Women	-0.0058	0.0067
	DMT Men	-0.0039	0.0035
	PST Men	-0.0013	0.0155
Subnetwork Modularity False Alarms to Correct Feedback Beta	DMT Women	-0.0060	0.0026
	PST Women	-0.0116	0.0022
	DMT Men	-0.0056	0.0039
	PST Men	-0.0029	0.0094
Subnetwork Modularity False Alarms to Correct Feedback Gamma	DMT Women	-0.0037	0.0075
	PST Women	-0.0025	0.0093
	DMT Men	-0.0057	0.0026
	PST Men	-0.0022	0.0200

Table 3

Table 4: Emotion Network Subnetwork Modularity Models to Correct Rejections

Table 4

Alternative Moderated Mediation Models; Subnetwork Modularity to Correct Rejections

Model	Condition	Confidence Interval	
		ULCI	LLCI
Subnetwork Modularity Correct Rejections to Negative Feedback Theta	DMT Women	0.0002*	0.0069*
	PST Women	-0.0014	0.0045
	DMT Men	-0.0084	0.0015
	PST Men	-0.0084	0.0024
Subnetwork Modularity Correct Rejections to Negative Feedback Alpha	DMT Women	`-0.0117*	`-0.0001*
	PST Women	-0.0033	0.0017
	DMT Men	-0.0095	0.0045
	PST Men	-0.0076	0.0026
Subnetwork Modularity Correct Rejections to Negative Feedback Beta	DMT Women	-0.0070	0.0046
	PST Women	-0.0038	0.0021
	DMT Men	-0.0079	0.0023
	PST Men	-0.0027	0.0052
Subnetwork Modularity Correct Rejections to Negative Feedback Gamma	DMT Women	-0.0029	0.0030
	PST Women	-0.0059	0.0053
	DMT Men	-0.0097	0.0059
	PST Men	-0.0093	0.0027
Subnetwork Modularity Correct Rejections to Correct Feedback Theta	DMT Women	-0.0064	0.0046
	PST Women	-0.0027	0.0127
	DMT Men	-0.0015	0.0167
	PST Men	-0.0147	0.0019
Subnetwork Modularity Correct Rejections to Correct Feedback Alpha	DMT Women	-0.0064	0.0046
	PST Women	-0.0027	0.0127
	DMT Men	-0.0015	0.0167
	PST Men	-0.0147	0.0019
Subnetwork Modularity Correct Rejections to Correct Feedback Beta	DMT Women	-0.0131	0.0025
	PST Women	-0.0056	0.0080
	DMT Men	-0.0018	0.0136
	PST Men	-0.0112	0.0116
Subnetwork Modularity Correct Rejections to Correct Feedback Gamma	DMT Women	-0.0135	0.0024
	PST Women	-0.0030	0.0146
	DMT Men	-0.0039	0.0133
	PST Men	-0.0162	0.0017

Table 4

Table 5: Emotion Network Select Network Modularity Models to Hits

Table 5

Alternative Moderated Mediation Models; Select Network Modularity to Hits

Model	Condition	Confidence Interval	
		ULCI	LLCI
Select Network Modularity Hits to Negative Feedback Theta	Women DMT	-0.0057	0.0019
	Men DMT	-0.0055	0.0343
	Women PST	-0.0015	0.0221
	Men PST	-0.0056	0.0229
Select Network Modularity Hits to Negative Feedback Alpha	Women DMT	-0.0056	0.0016
	Men DMT	-0.0051	0.0187
	Women PST	-0.0001	0.0097
	Men PST	-0.0170	0.0032
Select Network Modularity Hits to Negative Feedback Beta	Women DMT	-0.0047	0.0032
	Men DMT	-0.0104	0.0066
	Women PST	-0.0050	0.0025
	Men PST	-0.0151	0.0042
Select Network Modularity Hits to Negative Feedback Gamma	Women DMT	-0.0046	0.0024
	Men DMT	-0.0175	0.0030
	Women PST	-0.0018	0.0182
	Men PST	-0.0010	0.0187
Select Network Modularity Hits to Positive Feedback Theta	Women DMT	-0.0014	0.0150
	Men DMT	-0.0026	0.0215
	Women PST	-0.0054	0.0026
	Men PST	-0.0034	0.0199
Select Network Modularity Hits to Positive Feedback Alpha	Women DMT	-0.0035	0.0122
	Men DMT	-0.0122	0.0039
	Women PST	-0.0095	0.0030
	Men PST	-0.0109	0.0141
Select Network Modularity Hits to Positive Feedback Beta	Women DMT	-0.0091	0.0080
	Men DMT	-0.0125	0.0059
	Women PST	-0.0072	0.0017
	Men PST	-0.0092	0.0172
Select Network Modularity Hits to Positive Feedback Gamma	Women DMT	-0.0050	0.0061
	Men DMT	-0.0042	0.0180
	Women PST	-0.0029	0.0068
	Men PST	-0.0230	0.0003

Table 5

Table 6: Emotion Network Select Network Modularity Models to Misses

Table 6

Alternative Moderated Mediation Models; Select Network Modularity to Misses

Model	Condition	Confidence Interval	
		ULCI	LLCI
Select Network Modularity Misses to Negative Feedback Theta	Women DMT	-0.0015	0.0025
	Men DMT	-0.0083	0.0052
	Women PST	-0.0075	0.0007
	Men PST	-0.0030	0.0097
Select Network Modularity Misses to Negative Feedback Alpha	Women DMT	-0.0008	0.0045
	Men DMT	-0.0128	0.0013
	Women PST	-0.0036	0.0016
	Men PST	-0.0077	0.0015
Select Network Modularity Misses to Negative Feedback Beta	Women DMT	-0.0033	0.0065
	Men DMT	-0.0100	0.0055
	Women PST	-0.0023	0.0020
	Men PST	-0.0051	0.0135
Select Network Modularity Misses to Negative Feedback Gamma	Women DMT	-0.0019	0.0103
	Men DMT	-0.0072	0.0037
	Women PST	-0.0104	0.0007
	Men PST	-0.0023	0.0104
Select Network Modularity Misses to Positive Feedback Theta	Women DMT	-0.0027	0.0078
	Men DMT	-0.0081	0.0035
	Women PST	-0.0151	0.0024
	Men PST	-0.0103	0.0035
Select Network Modularity Misses to Positive Feedback Alpha	Women DMT	-0.0071	0.0034
	Men DMT	-0.0042	0.0077
	Women PST	-0.0126	0.0019
	Men PST	-0.0055	0.0135
Select Network Modularity Misses to Positive Feedback Beta	Women DMT	-0.0018	0.0146
	Men DMT	-0.0033	0.0142
	Women PST	-0.0115	0.0038
	Men PST	-0.0201	0.0037
Select Network Modularity Misses to Positive Feedback Gamma	Women DMT	-0.0022	0.0193
	Men DMT	-0.0015	0.0151
	Women PST	-0.0148	0.0042
	Men PST	-0.0046	0.0109

Table 6

Table 7: Emotion Network Select Network Modularity Models to False Alarms

Table 7

Alternative Moderated Mediation Models; Select Network Modularity to False Alarms

Model	Condition	Confidence Interval	
		ULCI	LLCI
Select Network Modularity False Alarms to Negative Feedback Theta	Women DMT	-0.0059	0.0070
	Men DMT	-0.0036	0.0046
	Women PST	-0.0029	0.0011
	Men PST	-0.0022	0.0111
Select Network Modularity False Alarms to Negative Feedback Alpha	Women DMT	-0.0008	0.0063
	Men DMT	-0.0038	0.0142
	Women PST	-0.0062	0.0013
	Men PST	-0.0083	0.0024
Select Network Modularity False Alarms to Negative Feedback Beta	Women DMT	-0.0009	0.0040
	Men DMT	-0.0024	0.0061
	Women PST	-0.0080	0.0020
	Men PST	-0.0025	0.0059
Select Network Modularity False Alarms to Negative Feedback Gamma	Women DMT	-0.0018	0.0096
	Men DMT	-0.0043	0.0079
	Women PST	-0.0086	0.0008
	Men PST	-0.0011	0.0107
Select Network Modularity False Alarms to Positive Feedback Theta	Women DMT	-0.0073	0.0055
	Men DMT	-0.0131	0.0023
	Women PST	-0.0116	0.0018
	Men PST	-0.0180	0.0032
Select Network Modularity False Alarms to Positive Feedback Alpha	Women DMT	-0.0061	0.0028
	Men DMT	-0.0056	0.0096
	Women PST	-0.0067	0.0069
	Men PST	-0.0130	0.0022
Select Network Modularity False Alarms to Positive Feedback Beta	Women DMT	-0.0143	0.0028
	Men DMT	-0.0076	0.0018
	Women PST	-0.0106	0.0041
	Men PST	-0.0031	0.0095
Select Network Modularity False Alarms to Positive Feedback Gamma	Women DMT	-0.0018	0.0112
	Men DMT	-0.0037	0.0080
	Women PST	-0.0019	0.0097
	Men PST	-0.0093	0.0045

Table 7

Table 8: Emotion Network Select Network Modularity Models to Correct Rejections

Table 8

Alternative Moderated Mediation Models; Select Network Modularity to Correct Rejections

Model	Condition	Confidence Interval	
		ULCI	LLCI
Select Network Modularity Correct Rejections to Negative Feedback Theta	Women DMT	-0.0018	0.0078
	Men DMT	-0.0032	0.0036
	Women PST	-0.0040	0.0006
	Men PST	-0.0068	0.0038
Select Network Modularity Correct Rejections to Negative Feedback Alpha	Women DMT	-0.0030	0.0011
	Men DMT	-0.0096	0.0032
	Women PST	-0.0058	0.0011
	Men PST	-0.0062	0.0031
Select Network Modularity Correct Rejections to Negative Feedback Beta	Women DMT	-0.0083	0.0014
	Men DMT	-0.0071	0.0018
	Women PST	-0.0011	0.0018
	Men PST	-0.0029	0.0073
Select Network Modularity Correct Rejections to Negative Feedback Gamma	Women DMT	-0.0009	0.0074
	Men DMT	-0.0090	0.0030
	Women PST	-0.0013	0.0057
	Men PST	-0.0025	0.0074
Select Network Modularity Correct Rejections to Positive Feedback Theta	Women DMT	-0.0008	0.0103
	Men DMT	-0.0128	0.0027
	Women PST	-0.0028	0.0093
	Men PST	-0.0125	0.0062
Select Network Modularity Correct Rejections to Positive Feedback Alpha	Women DMT	-0.0022	0.0072
	Men DMT	-0.0185	0.0074
	Women PST	-0.0020	0.0144
	Men PST	-0.0021	0.0129
Select Network Modularity Correct Rejections to Positive Feedback Beta	Women DMT	-0.0106	0.0042
	Men DMT	-0.0061	0.0072
	Women PST	-0.0015	0.0186
	Men PST	-0.0026	0.0141
Select Network Modularity Correct Rejections to Positive Feedback Gamma	Women DMT	-0.0075	0.0017
	Men DMT	-0.0064	0.0062
	Women PST	-0.0066	0.0068
	Men PST	-0.0095	0.0033

Table 8

Table 9: Semantic Network Select Network Modularity to Hits

Table 9

Alternative Double Moderated Regression Models; Select Network Modularity to Hits

Model	Condition	Confidence Interval	
		ULCI	LLCI
Select Network Modularity Hits to Negative Feedback Theta	Women DMT	-14.2883	5.4455
	Men DMT	-7.5307	15.4466
	Women PST	-2.0784	14.3194
	Men PST	-8.3899	8.1817
Select Network Modularity Hits to Negative Feedback Alpha	Women DMT	-11.1405	3.7005
	Men DMT	-16.4205	2.8767
	Women PST	-10.6132	7.6259
	Men PST	-14.8229	3.8063
Select Network Modularity Hits to Negative Feedback Beta	Women DMT	-6.5686	9.0787
	Men DMT	-17.4906	0.7872
	Women PST	-16.4543	4.6619
	Men PST	1.2088*	26.5818*
Select Network Modularity Hits to Negative Feedback Gamma	Women DMT	-4.1167	9.9238
	Men DMT	2.1194*	20.4652*
	Women PST	-5.0726	11.8823
	Men PST	3.5906*	24.439*
Select Network Modularity Hits to Positive Feedback Theta	Women DMT	-29.5497	-0.0729
	Men DMT	-15.9958	11.0712
	Women PST	-15.4193	7.6872
	Men PST	-15.7641	12.1283
Select Network Modularity Hits to Positive Feedback Alpha	Women DMT	-17.8520	13.4857
	Men DMT	-7.7013	21.1602
	Women PST	-12.1825	14.0969
	Men PST	-12.9193	13.5686
Select Network Modularity Hits to Positive Feedback Beta	Women DMT	-9.9361	15.5536
	Men DMT	-24.2602	12.3573
	Women PST	-16.9796	10.9265
	Men PST	-25.4997	1.6048
Select Network Modularity Hits to Positive Feedback Gamma	Women DMT	-13.4452	9.0723
	Men DMT	-1.8431	8.3554
	Women PST	-5.3130	15.5245
	Men PST	-13.1352	11.8113

Table 9

Table 10: Semantic Network Select Network Modularity to Misses

Table 10

Alternative Double Moderated Regression Models; Select Network Modularity to Misses

Model	Condition	Confidence Interval	
		ULCI	LLCI
Select Network Modularity Misses to Negative Feedback Theta	Women DMT	-8.4392	12.2229
	Men DMT	-15.3829	7.2831
	Women PST	-9.6074	14.8708
	Men PST	-4.5360	20.7369
Select Network Modularity Misses to Negative Feedback Alpha	Women DMT	-5.4693	10.9182
	Men DMT	-4.3952	11.4912
	Women PST	-12.1587	6.6485
	Men PST	-8.3792	8.8178
Select Network Modularity Misses to Negative Feedback Beta	Women DMT	-14.1711	4.1928
	Men DMT	-4.8412	17.3187
	Women PST	-7.3231	9.8329
	Men PST	-3.4290	19.6348
Select Network Modularity Misses to Negative Feedback Gamma	Women DMT	-5.2749	12.5883
	Men DMT	-6.3298	9.5828
	Women PST	-5.6854	9.6254
	Men PST	-5.1987	15.5983
Select Network Modularity Misses to Positive Feedback Theta	Women DMT	-19.5891	3.3619
	Men DMT	-14.7228	19.1071
	Women PST	-18.6061	5.1949
	Men PST	-24.3497	6.2658
Select Network Modularity Misses to Positive Feedback Alpha	Women DMT	-18.4038	3.7325
	Men DMT	-15.6131	10.7951
	Women PST	-18.0912	5.9559
	Men PST	-12.4140	10.3350
Select Network Modularity Misses to Positive Feedback Beta	Women DMT	-29.9184	0.3646
	Men DMT	-15.3992	19.1457
	Women PST	-15.4737	8.9336
	Men PST	-20.8094	6.6011
Select Network Modularity Misses to Positive Feedback Gamma	Women DMT	-12.7767	12.2528
	Men DMT	-7.5041	19.8560
	Women PST	-8.9470	16.4066
	Men PST	-21.7113	3.2963

Table 10

Table 11: Semantic Network Select Network Modularity to False Alarms

Table 11

Alternative Double Moderated Regression Models; Select Network Modularity to False Alarms

Model	Condition	Confidence Interval	
		ULCI	LLCI
Select Network Modularity False Alarms to Negative Feedback Theta	Women DMT	-12.6134	10.8488
	Men DMT	-8.5078	18.9524
	Women PST	-12.2624	13.3041
	Men PST	-4.8651	17.7407
Select Network Modularity False Alarms to Negative Feedback Alpha	Women DMT	-11.4091	9.3874
	Men DMT	-10.2924	14.7412
	Women PST	-17.2366	9.7018
	Men PST	-9.0651	9.9800
Select Network Modularity False Alarms to Negative Feedback Beta	Women DMT	-16.5171	9.0331
	Men DMT	-18.8698	10.0963
	Women PST	-16.9957	8.2919
	Men PST	-14.3922	11.5951
Select Network Modularity False Alarms to Negative Feedback Gamma	Women DMT	-8.7537	13.3704
	Men DMT	-11.3442	9.7533
	Women PST	-5.8274	20.7656
	Men PST	-11.7092	15.7198
Select Network Modularity False Alarms to Positive Feedback Theta	Women DMT	-20.6628	10.4956
	Men DMT	-7.6211	31.6678
	Women PST	-14.5313	24.3721
	Men PST	-6.0931	39.9400
Select Network Modularity False Alarms to Positive Feedback Alpha	Women DMT	-12.6022	16.9319
	Men DMT	-8.0540	23.1871
	Women PST	-7.7181	23.3750
	Men PST	-24.3717	10.1236
Select Network Modularity False Alarms to Positive Feedback Beta	Women DMT	-9.2573	16.2853
	Men DMT	-4.1566	30.3094
	Women PST	-16.2846	15.2139
	Men PST	-17.3567	20.8988
Select Network Modularity False Alarms to Positive Feedback Gamma	Women DMT	-26.8748	1.4568
	Men DMT	-5.5464	23.4649
	Women PST	-6.8381	21.8869
	Men PST	-29.7375	9.1711

Table 11

Table 12: Semantic Network Select Network Modularity to Correct Rejections

Table 12

Alternative Double Moderated Regression Models; Select Network Modularity to Correct Rejections

Model	Condition	Confidence Interval	
		ULCI	LLCI
Select Network Modularity Correct Rejections to Negative Feedback Theta	Women DMT	-22.1558	9.0038
	Men DMT	1.9267*	38.6388*
	Women PST	-2.2926	26.1664
	Men PST	`-31.8418*	`-1.5535*
Select Network Modularity Correct Rejections to Negative Feedback Alpha	Women DMT	-7.7412	16.9680
	Men DMT	-13.6793	21.4142
	Women PST	-23.6321	2.0398
	Men PST	-6.7137	21.5752
Select Network Modularity Correct Rejections to Negative Feedback Beta	Women DMT	-12.3130	13.7748
	Men DMT	-20.6597	9.3812
	Women PST	-19.4365	8.8101
	Men PST	-26.2363	6.8995
Select Network Modularity Correct Rejections to Negative Feedback Gamma	Women DMT	-4.7837	18.6214
	Men DMT	1.9509*	31.2381*
	Women PST	-26.5274	9.9311
	Men PST	-9.5068	18.0344
Select Network Modularity Correct Rejections to Positive Feedback Theta	Women DMT	-25.3244	17.2458
	Men DMT	-35.8505	12.2377
	Women PST	-30.4110	18.3309
	Men PST	-14.9126	30.0530
Select Network Modularity Correct Rejections to Positive Feedback Alpha	Women DMT	`-36.8257*	`-0.549*
	Men DMT	-32.7861	21.9207
	Women PST	-15.8857	26.2316
	Men PST	-13.6207	20.4396
Select Network Modularity Correct Rejections to Positive Feedback Beta	Women DMT	-32.8425	-0.6511
	Men DMT	-24.9800	13.5839
	Women PST	-18.5460	25.0900
	Men PST	-30.6523	6.7755
Select Network Modularity Correct Rejections to Positive Feedback Gamma	Women DMT	`-35.9866*	`-3.4139*
	Men DMT	-24.1781	13.1457
	Women PST	-35.4937	11.8164
	Men PST	-19.0902	18.1810

Table 12

Table 13: Semantic Network Subnetwork Modularity to Hits

Table 13

Alternative Double Moderated Regression Models; Subnetwork Modularity to Hits

Model	Condition	Confidence Interval	
		LLCI	ULCI
Subnetwork Modularity Hits to Negative Feedback Theta	Women DMT	-6.3716	5.1265
	Men DMT	-5.3975	6.4850
	Women PST	-8.7110	5.0713
	Men PST	-7.9153	9.3485
Subnetwork Modularity Hits to Negative Feedback Alpha	Women DMT	-5.2243	6.0049
	Men DMT	-13.9500	-2.4456
	Women PST	-7.2248	4.1988
	Men PST	-6.5925	7.3805
Subnetwork Modularity Hits to Negative Feedback Beta	Women DMT	-5.3922	7.4228
	Men DMT	-11.8255	5.0830
	Women PST	-5.5426	9.8734
	Men PST	-7.1868	14.4486
Subnetwork Modularity Hits to Negative Feedback Gamma	Women DMT	-7.5877	2.4286
	Men DMT	-11.2418	0.6720
	Women PST	-7.2848	4.4160
	Men PST	-0.2927	12.9439
Subnetwork Modularity Hits to Positive Feedback Theta	Women DMT	-7.9711	9.5184
	Men DMT	-5.1916	12.0532
	Women PST	-18.3065	6.6701
	Men PST	-8.2509	6.5940
Subnetwork Modularity Hits to Positive Feedback Alpha	Women DMT	-2.6738	13.4870
	Men DMT	-6.3793	8.2535
	Women PST	-15.8333	1.5031
	Men PST	-2.9517	19.0327
Subnetwork Modularity Hits to Positive Feedback Beta	Women DMT	-17.2725	6.0240
	Men DMT	-5.9280	13.5870
	Women PST	-15.7049	8.3820
	Men PST	-3.3774	16.3928
Subnetwork Modularity Hits to Positive Feedback Gamma	Women DMT	-9.9047	4.3717
	Men DMT	-15.1133	11.9345
	Women PST	-4.8000	10.2533
	Men PST	-8.1631	5.7296

Table 13

Table 14: Semantic Network Subnetwork Modularity to Misses

Table 14

Alternative Double Moderated Regression Models; Subnetwork Modularity to Misses

Model	Condition	Confidence Interval	
		LLCI	ULCI
Subnetwork Modularity Misses to Negative Feedback Theta	Women DMT	-6.8230	2.6006
	Men DMT	-10.5500	1.7259
	Women PST	-6.8534	8.8284
	Men PST	-12.1430	6.5560
Subnetwork Modularity Misses to Negative Feedback Alpha	Women DMT	-2.2644	7.2102
	Men DMT	-6.9322	4.5318
	Women PST	-5.1744	8.5250
	Men PST	-9.0407	2.0515
Subnetwork Modularity Misses to Negative Feedback Beta	Women DMT	-8.0008	4.0169
	Men DMT	-2.6912	10.7960
	Women PST	-14.0301	6.1583
	Men PST	-12.7552	8.2365
Subnetwork Modularity Misses to Negative Feedback Gamma	Women DMT	-3.7283	7.2738
	Men DMT	-8.9423	5.7733
	Women PST	-6.3061	4.8755
	Men PST	-4.1887	8.9112
Subnetwork Modularity Misses to Positive Feedback Theta	Women DMT	-14.0031	2.7666
	Men DMT	-8.9122	7.3703
	Women PST	-17.6927	2.6746
	Men PST	-10.0732	18.8749
Subnetwork Modularity Misses to Positive Feedback Alpha	Women DMT	-8.0887	6.2589
	Men DMT	-14.8187	4.8387
	Women PST	-9.7427	6.7587
	Men PST	-11.4996	6.1653
Subnetwork Modularity Misses to Positive Feedback Beta	Women DMT	-16.7341	7.3037
	Men DMT	-3.8453	14.3303
	Women PST	-17.4313	8.4969
	Men PST	-14.2974	2.6241
Subnetwork Modularity Misses to Positive Feedback Gamma	Women DMT	-12.5528	2.8788
	Men DMT	-21.1265	-2.1786
	Women PST	-15.2843	5.6929
	Men PST	-5.6257	6.8540

Table 14

Table 15: Semantic Network Subnetwork Modularity to False Alarms

Table 15

Alternative Double Moderated Regression Models; Subnetwork Modularity to False Alarms

Model	Condition	Confidence Interval	
		LLCI	ULCI
Subnetwork Modularity False Alarms to Negative Feedback Theta	Women DMT	-6.2274	7.1212
	Men DMT	-8.8003	6.4531
	Women PST	-9.1232	5.1347
	Men PST	-10.9746	7.9607
Subnetwork Modularity False Alarms to Negative Feedback Alpha	Women DMT	-5.7169	1.4288
	Men DMT	-3.6403	3.2565
	Women PST	-5.0941	4.5415
	Men PST	-2.0477	8.4190
Subnetwork Modularity False Alarms to Negative Feedback Beta	Women DMT	-7.9162	0.8794
	Men DMT	-2.7451	6.0033
	Women PST	-6.8066	2.7697
	Men PST	-6.8885	4.3731
Subnetwork Modularity False Alarms to Negative Feedback Gamma	Women DMT	-5.7808	1.3426
	Men DMT	-4.2351	3.3767
	Women PST	-3.9845	4.3511
	Men PST	-0.6067	7.1643
Subnetwork Modularity False Alarms to Positive Feedback Theta	Women DMT	-11.2026	12.8838
	Men DMT	-4.2837	13.0459
	Women PST	-9.5199	16.0269
	Men PST	-8.5546	13.5455
Subnetwork Modularity False Alarms to Positive Feedback Alpha	Women DMT	-9.6569	0.8968
	Men DMT	-6.1203	5.8407
	Women PST	-7.9862	4.2683
	Men PST	-8.7920	2.4722
Subnetwork Modularity False Alarms to Positive Feedback Beta	Women DMT	-11.4177	-0.3092
	Men DMT	-7.8626	4.6084
	Women PST	-10.4519	-0.0973
	Men PST	-10.8218	2.5736
Subnetwork Modularity False Alarms to Positive Feedback Gamma	Women DMT	-10.4653	0.8612
	Men DMT	-1.4330	8.8854
	Women PST	-13.9729	-1.1029
	Men PST	-9.6266	1.7684

Table 15

Table 16: Semantic Network Subnetwork Modularity to Correct Rejections

Table 16

Alternative Double Moderated Regression Models; Subnetwork Modularity to Correct Rejections

Model	Condition	Confidence Interval	
		LLCI	ULCI
Subnetwork Modularity Correct Rejections to Negative Feedback Theta	Women DMT	-9.9158	5.2754
	Men DMT	-21.4961	11.1414
	Women PST	-8.5009	4.3212
	Men PST	-13.7716	8.6908
Subnetwork Modularity Correct Rejections to Negative Feedback Alpha	Women DMT	-4.1581	3.0942
	Men DMT	-3.9781	2.2703
	Women PST	-2.6894	5.0933
	Men PST	-5.0240	1.4509
Subnetwork Modularity Correct Rejections to Negative Feedback Beta	Women DMT	-2.3862	4.4668
	Men DMT	-2.7964	4.7534
	Women PST	-4.0228	3.1896
	Men PST	-6.9816	1.9197
Subnetwork Modularity Correct Rejections to Negative Feedback Gamma	Women DMT	-4.7868	2.8049
	Men DMT	-3.1606	3.5090
	Women PST	-2.9862	4.3984
	Men PST	-8.3393	0.4660
Subnetwork Modularity Correct Rejections to Positive Feedback Theta	Women DMT	-9.7675	6.9857
	Men DMT	-18.6058	6.1383
	Women PST	-20.6655	7.3160
	Men PST	-6.1777	19.4076
Subnetwork Modularity Correct Rejections to Positive Feedback Alpha	Women DMT	-0.2562	8.2972
	Men DMT	-0.2395	7.6377
	Women PST	-7.2975	4.4277
	Men PST	-5.2459	7.1299
Subnetwork Modularity Correct Rejections to Positive Feedback Beta	Women DMT	3.4725	12.6631
	Men DMT	-1.1551	8.3569
	Women PST	-2.9719	8.5737
	Men PST	-0.0746	15.3916
Subnetwork Modularity Correct Rejections to Positive Feedback Gamma	Women DMT	-0.3396	8.6440
	Men DMT	-1.4904	7.5008
	Women PST	-5.6846	5.2253
	Men PST	-5.6992	6.2852

Table 16

Table 17: Semantic memory connectivity to negative feedback predicts performance

Table 17

Semantic Memory Connectivity to Negative Feedback Predicts Performance

Variable	Condition	Beta	p	Confidence Intervals	
				LLCI	ULCI
Subnetwork Modularity	Women DMT	-0.33	0.84	-3.4998	2.8401
Theta Negative Feedback	Men DMT	3.50	0.04	0.1281*	6.868*
	Women PST	1.25	0.40	-1.6913	4.1959
	Men PST	5.08	0.01	10.3498*	8.8035*
Subnetwork Modularity	Women DMT	-1.40	0.14	-3.2541	0.4522
Alpha Negative Feedback	Men DMT	-0.87	0.43	-3.0204	1.2885
	Women PST	-0.82	0.39	-2.7143	1.0758
	Men PST	-0.28	0.80	-2.4754	1.9069
Subnetwork Modularity	Women DMT	-1.09	0.36	-3.4522	1.2635
Beta Negative Feedback	Men DMT	-1.51	0.25	-4.1247	1.1000
	Women PST	-0.95	0.36	-2.9791	1.0847
	Men PST	-1.37	0.31	-4.0132	1.2827
Subnetwork Modularity	Women DMT	0.60	0.57	-1.5001	2.6916
Gamma Negative Feedback	Men DMT	-0.33	0.80	-2.9276	2.2629
	Women PST	0.90	0.38	-1.1024	2.8956
	Men PST	-0.03	0.98	-2.4792	2.4162
Select Network Modularity	Women DMT	-3.97	0.05	-7.8572*	-0.0846*
Theta Negative Feedback	Men DMT	-2.13	0.35	-6.6391	2.3809
	Women PST	-2.25	0.37	-7.1771	2.6770
	Men PST	-0.41	0.86	-5.1278	4.3113
Select Network Modularity	Women DMT	1.97	0.33	-1.9904	5.9299
Alpha Negative Feedback	Men DMT	-0.23	0.92	-5.0901	4.6259
	Women PST	2.13	0.40	-2.8686	7.1202
	Men PST	-0.08	0.98	-4.9907	4.8386
Select Network Modularity	Women DMT	-2.40	0.34	-7.3362	2.5344
Beta Negative Feedback	Men DMT	1.33	0.62	-3.8977	6.5542
	Women PST	-1.79	0.47	-6.7079	3.1312
	Men PST	1.94	0.49	-3.5638	7.4454
Select Network Modularity	Women DMT	-0.99	0.67	-5.5305	3.5451
Gamma Negative Feedback	Men DMT	-2.25	0.31	-6.5707	2.0749
	Women PST	-0.25	0.91	-4.6455	4.1437
	Men PST	-1.51	0.53	-6.1822	3.1700

Table 17

Table 18: Semantic memory connectivity to positive feedback predicts performance

Table 18

Semantic Memory Connectivity to Positive Feedback Predicts Performance

Variable	Condition	Beta	p	Confidence Intervals	
				LLCI	ULCI
Subnetwork Modularity Theta	Women DMT	-0.45	0.79	-3.7264	2.8333
Positive Feedback	Men DMT	-1.79	0.29	-5.1239	1.5390
	Women PST	-0.88	0.60	-4.1763	2.4262
	Men PST	-2.22	0.22	-5.7467	1.3048
Subnetwork Modularity Alpha	Women DMT	0.84	0.46	-1.3848	3.0708
Positive Feedback	Men DMT	0.58	0.62	-1.7141	2.8742
	Women PST	0.54	0.65	-1.8022	2.8890
	Men PST	0.28	0.78	-1.6679	2.2288
Subnetwork Modularity Beta	Women DMT	0.48	0.71	-2.0719	3.0361
Positive Feedback	Men DMT	1.25	0.36	-1.4459	3.9380
	Women PST	0.27	0.84	-2.4000	2.9454
	Men PST	1.04	0.45	-1.6512	3.7246
Subnetwork Modularity Gamma	Women DMT	0.48	0.61	-1.4078	2.3720
Positive Feedback	Men DMT	0.93	0.43	-1.3644	3.2188
	Women PST	-0.08	0.95	-2.5533	2.3912
	Men PST	0.36	0.74	-1.8000	2.5281
Select Network Modularity Theta	Women DMT	-2.04	0.27	-5.6732	1.5870
Positive Feedback	Men DMT	-0.90	0.74	-6.1497	4.3586
	Women PST	1.04	0.61	-2.9682	5.0508
	Men PST	2.19	0.43	-3.3221	7.6997
Select Network Modularity Alpha	Women DMT	-2.33	0.32	-6.9609	2.3012
Positive Feedback	Men DMT	1.27	0.64	-4.0470	6.5834
	Women PST	-3.17	0.18	-7.8596	1.5247
	Men PST	0.43	0.85	-4.1987	5.0600
Select Network Modularity Beta	Women DMT	-5.87	0.00	-9.5849*	-2.1471*
Positive Feedback	Men DMT	-1.30	0.62	-6.4508	3.8546
	Women PST	-0.30	0.89	-4.6890	4.0825
	Men PST	4.26	0.10	-0.8021	9.3313
Select Network Modularity Gamma	Women DMT	-1.93	0.39	-6.3045	2.4491
Positive Feedback	Men DMT	-0.08	0.97	-4.9205	4.7659
	Women PST	-0.23	0.92	-4.5639	4.1073
	Men PST	1.62	0.47	-2.7913	6.0356

Table 18

Supplementary Descriptive Statistics:

Table 19: Semantic Memory Subnetwork Modularity to Negative Misses

Table 19

Semantic Network Subnetwork Modularity to Negative Misses

Variable	Condition	Gender	Mean	SD	N
Semantic Network Subnetwork Modularity in the Theta Frequency Band to Negative Misses	DMT	Female	0.0982	0.0125	48
		Male	0.0958	0.0115	33
		Total	0.0972	0.0121	81
	PST	Female	0.0968	0.0089	35
		Male	0.0968	0.0091	32
		Total	0.0968	0.0090	67
	Total	Female	0.0976	0.1111	83
		Male	0.0963	0.0104	65
		Total	0.0971	0.0108	148
Semantic Network Subnetwork Modularity in the Alpha Frequency Band to Negative Misses	DMT	Female	0.1043	0.0120	48
		Male	0.1020	0.0135	33
		Total	0.1034	0.0126	81
	PST	Female	0.1030	0.0113	35
		Male	0.1040	0.0138	32
		Total	0.1034	0.0125	67
	Total	Female	0.1037	0.1167	83
		Male	0.1030	0.0136	65
		Total	0.1034	0.0125	148
Semantic Network Subnetwork Modularity in the Beta Frequency Band to Negative Misses	DMT	Female	0.1014	0.0101	48
		Male	0.1012	0.0104	33
		Total	0.1013	0.0102	81
	PST	Female	0.1016	0.0070	35
		Male	0.1008	0.0072	32
		Total	0.1012	0.0071	67
	Total	Female	0.1015	0.0089	83
		Male	0.1010	0.0089	65
		Total	0.1013	0.0089	148
Semantic Network Subnetwork Modularity in the Gamma Frequency Band to Negative Misses	DMT	Female	0.1021	0.0103	48
		Male	0.1052	0.0110	33
		Total	0.1034	0.0106	81
	PST	Female	0.0994	0.0128	35
		Male	0.0971	0.0116	32
		Total	0.0983	0.0122	67
	Total	Female	0.1010	0.0115	83
		Male	0.1012	0.0119	65
		Total	0.1011	0.0116	148

Table 19

Table 20: Semantic Memory Select Network Modularity to Negative Misses

Table 20

Semantic Network Select Network Modularity to Negative Misses

Variable	Condition	Gender	Mean	SD	N
Semantic Network Select Network Modularity in the Theta Frequency Band to Negative Misses	DMT	Female	-0.0074	0.0066	48
		Male	-0.0084	0.0066	33
		Total	-0.0078	0.0066	81
	PST	Female	-0.0051	0.0057	35
		Male	-0.0090	0.0058	32
		Total	-0.0070	0.0061	67
	Total	Female	-0.0065	0.0063	83
		Male	-0.0087	0.0062	65
		Total	-0.0074	0.0063	148
Semantic Network Select Network Modularity in the Alpha Frequency Band to Negative Misses	DMT	Female	-0.0050	0.0076	48
		Male	-0.0071	0.0094	33
		Total	-0.0059	0.0084	81
	PST	Female	-0.0062	0.0072	35
		Male	-0.0042	0.0085	32
		Total	-0.0053	0.0078	67
	Total	Female	-0.0055	0.0074	83
		Male	-0.0057	0.0090	65
		Total	-0.0056	0.0081	148
Semantic Network Select Network Modularity in the Beta Frequency Band to Negative Misses	DMT	Female	-0.0051	0.0064	48
		Male	-0.0046	0.0070	33
		Total	-0.0049	0.0066	81
	PST	Female	-0.0054	0.0079	35
		Male	-0.0074	0.0069	32
		Total	-0.0063	0.0075	67
	Total	Female	-0.0052	0.0070	83
		Male	-0.0060	0.0070	65
		Total	-0.0056	0.0070	148
Semantic Network Select Network Modularity in the Gamma Frequency Band to Negative Misses	DMT	Female	-0.0061	0.0069	48
		Male	-0.0059	0.0087	33
		Total	-0.0060	0.0076	81
	PST	Female	-0.0048	0.0092	35
		Male	-0.0064	0.0072	32
		Total	-0.0056	0.0083	67
	Total	Female	-0.0056	0.0079	83
		Male	-0.0062	0.0079	65
		Total	-0.0058	0.0079	148

Table 20

Table 21: Semantic Memory Subnetwork Modularity to Negative False Alarms:

Table 21

Semantic Network Subnetwork Modularity to Negative False Alarms

Variable	Condition	Gender	Mean	SD	N
Semantic Network Subnetwork Modularity in the Theta Frequency Band to Negative False Alarms	DMT	Female	0.0946	0.0086	49
		Male	0.0961	0.0102	37
		Total	0.0953	0.0093	86
	PST	Female	0.9577	0.0090	38
		Male	0.0950	0.0073	36
		Total	0.9542	0.0081	74
	Total	Female	0.0951	0.0087	87
		Male	0.0956	0.0088	73
		Total	0.0953	0.0087	160
Semantic Network Subnetwork Modularity in the Alpha Frequency Band to Negative False Alarms	DMT	Female	0.1098	0.0156	49
		Male	0.1116	0.0186	37
		Total	0.1106	0.0169	86
	PST	Female	0.1112	0.0145	38
		Male	0.1070	0.0129	36
		Total	0.1091	0.0138	74
	Total	Female	0.1104	0.0150	87
		Male	0.1093	0.0161	73
		Total	0.1099	0.0155	160
Semantic Network Subnetwork Modularity in the Beta Frequency Band to Negative False Alarms	DMT	Female	0.1117	0.0130	49
		Male	0.1081	0.0154	37
		Total	0.1101	0.0141	86
	PST	Female	0.1113	0.0135	38
		Male	0.1072	0.0119	36
		Total	0.1093	0.0128	74
	Total	Female	0.1150	0.0132	87
		Male	0.1076	0.0137	73
		Total	0.1097	0.0135	160
Semantic Network Subnetwork Modularity in the Gamma Frequency Band to Negative False Alarms	DMT	Female	0.1061	0.0154	49
		Male	0.1062	0.0174	37
		Total	0.1061	0.0162	86
	PST	Female	0.1071	0.0159	38
		Male	0.1065	0.0164	36
		Total	0.1068	0.0160	74
	Total	Female	0.1065	0.0155	87
		Male	0.1064	0.0168	73
		Total	0.1065	0.0161	160

Table 21

Table 22: Semantic Memory Select Network Modularity to Negative False Alarms

Table 22

Semantic Network Select Network Modularity to Negative False Alarms

Variable	Condition	Gender	Mean	SD	N
Semantic Network Select Network Modularity in the Theta Frequency Band to Negative False Alarms	DMT	Female	-0.0089	0.0050	49
		Male	-0.0082	0.0051	37
		Total	-0.0086	0.0051	86
	PST	Female	-0.0093	0.0053	38
		Male	-0.0079	0.0061	36
		Total	-0.0086	0.0057	74
	Total	Female	-0.0091	0.0051	87
		Male	-0.0081	0.0056	73
		Total	-0.0086	0.0053	160
Semantic Network Select Network Modularity in the Alpha Frequency Band to Negative False Alarms	DMT	Female	-0.0060	0.0053	49
		Male	-0.0065	0.0052	37
		Total	-0.0062	0.0051	86
	PST	Female	-0.0059	0.0049	38
		Male	-0.0062	0.0076	36
		Total	-0.0060	0.0063	74
	Total	Female	-0.0059	0.0051	87
		Male	-0.0064	0.0065	73
		Total	-0.0061	0.0058	160
Semantic Network Select Network Modularity in the Beta Frequency Band to Negative False Alarms	DMT	Female	-0.0069	0.0043	49
		Male	-0.0057	0.0046	37
		Total	-0.0063	0.0044	86
	PST	Female	-0.0064	0.0052	38
		Male	-0.0067	0.0052	36
		Total	-0.0065	0.0052	74
	Total	Female	-0.0067	0.0047	87
		Male	-0.0062	0.0049	73
		Total	-0.0064	0.0048	160
Semantic Network Select Network Modularity in the Gamma Frequency Band to Negative False Alarms	DMT	Female	-0.0072	0.0054	49
		Male	-0.0079	0.0064	37
		Total	-0.0075	0.0058	86
	PST	Female	-0.0061	0.0052	38
		Male	-0.0067	0.0052	36
		Total	-0.0064	0.0051	74
	Total	Female	-0.0067	0.0053	87
		Male	-0.0073	0.0058	73
		Total	-0.0070	0.0055	160

Table 22

Table 23: Semantic Memory Subnetwork Modularity to Negative Correct Rejections

Table 23

Semantic Network Subnetwork Modularity to Correct Rejections for Negative Feedback

Variable	Condition	Gender	Mean	SD	N
Semantic Network Subnetwork Modularity in the Theta Frequency Band to Correct Rejections for Negative Feedback	DMT	Female	0.0895	0.0082	49
		Male	0.0931	0.0052	37
		Total	0.0910	0.0073	86
	PST	Female	0.0904	0.0106	38
		Male	0.0914	0.0065	36
		Total	0.0908	0.0088	74
	Total	Female	0.0899	0.0093	87
		Male	0.0922	0.0059	73
		Total	0.0909	0.0080	160
Semantic Network Subnetwork Modularity in the Alpha Frequency Band to Correct Rejections for Negative Feedback	DMT	Female	0.1175	0.0160	49
		Male	0.1232	0.0203	37
		Total	0.1199	0.0181	86
	PST	Female	0.1215	0.0169	38
		Male	0.1163	0.0208	36
		Total	0.1189	0.0190	74
	Total	Female	0.1192	0.0164	87
		Male	0.1198	0.0207	73
		Total	0.1195	0.0184	160
Semantic Network Subnetwork Modularity in the Beta Frequency Band to Correct Rejections for Negative Feedback	DMT	Female	0.1184	0.0169	49
		Male	0.1232	0.0173	37
		Total	0.1205	0.0172	86
	PST	Female	0.1615	0.1218	38
		Male	0.1196	0.0152	36
		Total	0.1207	0.0178	74
	Total	Female	0.1199	0.0183	87
		Male	0.1214	0.0163	73
		Total	0.1206	0.0174	160
Semantic Network Subnetwork Modularity in the Gamma Frequency Band to Correct Rejections for Negative Feedback	DMT	Female	0.1096	0.0152	49
		Male	0.1116	0.0194	37
		Total	0.1105	0.0170	86
	PST	Female	0.1159	0.0178	38
		Male	0.1115	0.0147	36
		Total	0.1137	0.0164	74
	Total	Female	0.1124	0.0166	87
		Male	0.1115	0.0171	73
		Total	0.1120	0.0168	160

Table 23

Table 24: Semantic Memory Select Network Modularity to Negative Correct Rejections

Table 24

Semantic Network Selected Network Modularity to Correct Rejections for Negative Feedback

Variable	Condition	Gender	Mean	SD	N
Semantic Network Selected Network Modularity in the Theta Frequency Band to Correct Rejections for Negative Feedback	DMT	Female	-0.0086	0.0035	49
		Male	-0.0076	0.0037	37
		Total	-0.0082	0.0036	86
	PST	Female	-0.0089	0.0045	38
		Male	-0.0083	0.0043	36
		Total	-0.0086	0.0044	74
	Total	Female	-0.0087	0.0040	87
		Male	-0.0080	0.0040	73
		Total	-0.0084	0.0040	160
Semantic Network Selected Network Modularity in the Alpha Frequency Band to Correct Rejections for Negative Feedback	DMT	Female	-0.0069	0.0045	49
		Male	-0.0066	0.0046	37
		Total	-0.0068	0.0045	86
	PST	Female	-0.0051	0.0051	38
		Male	-0.0067	0.0055	36
		Total	-0.0059	0.0053	74
	Total	Female	-0.0061	0.0048	87
		Male	-0.0066	0.0050	73
		Total	-0.0064	0.0049	160
Semantic Network Selected Network Modularity in the Beta Frequency Band to to Correct Rejections for Negative Feedback	DMT	Female	-0.0067	0.0044	49
		Male	-0.0059	0.0043	37
		Total	-0.0064	0.0044	86
	PST	Female	-0.0057	0.0045	38
		Male	-0.0062	0.0044	36
		Total	-0.0059	0.0044	74
	Total	Female	-0.0062	0.0045	87
		Male	-0.0061	0.0043	73
		Total	-0.0062	0.0044	160
Semantic Network Selected Network Modularity in the Gamma Frequency Band to to Correct Rejections for Negative Feedback	DMT	Female	-0.0074	0.0047	49
		Male	-0.0082	0.0046	37
		Total	-0.0077	0.0047	86
	PST	Female	-0.0071	0.0038	38
		Male	-0.0083	0.0054	36
		Total	-0.0077	0.0046	74
	Total	Female	-0.0073	0.0043	87
		Male	-0.0082	0.0050	73
		Total	-0.0077	0.0046	160

Table 24

Table 25: Semantic Memory Subnetwork Modularity to Positive Hits

Table 25

Semantic Network to Positive Hits

Variable	Condition	Gender	Mean	SD	N
Semantic Network Subnetwork Modularity in the Theta Frequency Band to Positive Hits	Threat	Female	0.1039	0.0098	33
		Male	0.0977	0.0102	28
		Total	0.1017	0.0104	61
	Control	Female	0.0982	0.0079	26
		Male	0.0968	0.0131	26
		Total	0.0975	0.0108	52
	Total	Female	0.1014	0.0094	59
		Male	0.0973	0.0116	54
		Total	0.0994	0.0107	113
Semantic Network Subnetwork Modularity in the Alpha Frequency Band to Positive Hits	Threat	Female	0.1030	0.0100	33
		Male	0.1005	0.0120	28
		Total	0.1019	0.0110	61
	Control	Female	0.0991	0.0104	26
		Male	0.1027	0.0090	26
		Total	0.1009	0.0098	52
	Total	Female	0.1013	0.0103	59
		Male	0.1015	0.0106	54
		Total	0.1014	0.0104	113
Semantic Network Subnetwork Modularity in the Beta Frequency Band to Positive Hits	Threat	Female	0.1017	0.0076	33
		Male	0.1000	0.0092	28
		Total	0.1009	0.0083	61
	Control	Female	0.1021	0.0080	26
		Male	0.1025	0.0096	26
		Total	0.1023	0.0088	52
	Total	Female	0.1019	0.0077	59
		Male	0.1012	0.0094	54
		Total	0.1015	0.0085	113
Semantic Network Subnetwork Modularity in the Gamma Frequency Band to Positive Hits	Threat	Female	0.1024	0.0117	33
		Male	0.1014	0.0066	28
		Total	0.1020	0.0096	61
	Control	Female	0.1005	0.0125	26
		Male	0.1002	0.0136	26
		Total	0.1004	0.0129	52
	Total	Female	0.1016	0.0120	59
		Male	0.1008	0.0105	54
		Total	0.1012	0.0113	113

Table 25

Table 26: Semantic Memory Select Network Modularity to Positive Hits

Table 26

Semantic Network to Positive Hits

Variable	Condition	Gender	Mean	SD	N
Semantic Network Select Network Modularity in the Theta Frequency Band to Positive Hits	Threat	Female	-0.0089	0.0069	33
		Male	-0.0071	0.0064	28
		Total	-0.0081	0.0067	61
	Control	Female	-0.0057	0.0080	26
		Male	-0.0079	0.0069	26
		Total	-0.0068	0.0075	52
	Total	Female	-0.0075	0.0075	59
		Male	-0.0073	0.0068	54
		Total	-0.0075	0.0071	113
Semantic Network Select Network Modularity in the Alpha Frequency Band to Positive Hits	Threat	Female	-0.0059	0.0067	33
		Male	-0.0071	0.0068	28
		Total	-0.0065	0.0067	61
	Control	Female	-0.0073	0.0075	26
		Male	-0.0076	0.0070	26
		Total	-0.0074	0.0072	52
	Total	Female	-0.0065	0.0071	59
		Male	-0.0073	0.0068	54
		Total	-0.0069	0.0069	113
Semantic Network Select Network Modularity in the Beta Frequency Band to Positive Hits	Threat	Female	-0.0067	0.0078	33
		Male	-0.0055	0.0055	28
		Total	-0.0062	0.0068	61
	Control	Female	-0.0060	0.0069	26
		Male	-0.0062	0.0077	26
		Total	-0.0074	0.0072	52
	Total	Female	-0.0064	0.0073	59
		Male	-0.0059	0.0066	54
		Total	-0.0062	0.0070	113
Semantic Network Select Network Modularity in the Gamma Frequency Band to Positive Hits	Threat	Female	-0.0091	0.0085	33
		Male	-0.0095	0.0091	28
		Total	-0.0093	0.0087	61
	Control	Female	-0.0052	0.0095	26
		Male	-0.0070	0.0083	26
		Total	-0.0061	0.0089	52
	Total	Female	-0.0074	0.0091	59
		Male	-0.0083	0.0088	54
		Total	-0.0078	0.0089	113

Table 26

Table 27: Semantic Network Subnetwork Modularity to Positive False Alarms

Table 27

Semantic Network Subnetwork Modularity to Positive False Alarms

Variable	Condition	Gender	Mean	SD	N
Semantic Network Subnetwork Modularity in the Theta Frequency Band to Positive False Alarms	DMT	Female	0.0941	0.0072	49
		Male	0.0942	0.0104	37
		Total	0.0941	0.0087	86
	PST	Female	0.9280	0.0075	38
		Male	0.0906	0.0085	35
		Total	0.0917	0.0080	73
	Total	Female	0.0935	0.0074	87
		Male	-0.2449	0.0062	72
		Total	0.0930	0.0084	159
Semantic Network Subnetwork Modularity in the Alpha Frequency Band to Positive False Alarms	DMT	Female	0.1120	0.0157	49
		Male	0.1151	0.0151	37
		Total	0.1133	0.0154	86
	PST	Female	0.1154	0.0164	38
		Male	0.1073	0.0169	35
		Total	0.1115	0.0170	73
	Total	Female	0.1135	0.0160	87
		Male	0.1113	0.0164	72
		Total	0.1125	0.0161	159
Semantic Network Subnetwork Modularity in the Beta Frequency Band to Positive False Alarms	DMT	Female	0.1117	0.0138	49
		Male	0.1103	0.0146	37
		Total	0.1111	0.0141	86
	PST	Female	0.1135	0.0172	38
		Male	0.1090	0.0141	35
		Total	0.1113	0.0158	73
	Total	Female	0.1125	0.0153	87
		Male	0.1096	0.1426	72
		Total	0.1112	0.0149	159
Semantic Network Subnetwork Modularity in the Gamma Frequency Band to Positive False Alarms	DMT	Female	0.1060	0.0142	49
		Male	0.1103	0.0169	37
		Total	0.1079	0.0155	86
	PST	Female	0.1089	0.0151	38
		Male	0.0998	0.0158	35
		Total	0.1045	0.0160	73
	Total	Female	0.1072	0.0146	87
		Male	0.1052	0.0171	72
		Total	0.1063	0.0158	159

Table 27

Table 28: Semantic Network Select Network Modularity to Positive False Alarms

Table 28

Semantic Network Select Network Modularity to Positive False Alarms

Variable	Condition	Gender	Mean	SD	N
Semantic Network Select Network Modularity in the Theta Frequency Band to Positive False Alarms	DMT	Female	-0.0094	0.0053	49
		Male	-0.0066	0.0046	37
		Total	-0.0081	0.0052	86
	PST	Female	-0.0082	0.0052	38
		Male	-0.0087	0.0043	35
		Total	-0.0084	0.0048	73
	Total	Female	-0.8841	0.0053	87
		Male	-0.0076	0.0046	72
		Total	-0.0083	0.0050	159
Semantic Network Select Network Modularity in the Alpha Frequency Band to Positive False Alarms	DMT	Female	-0.0062	0.0058	49
		Male	-0.0061	0.0061	37
		Total	-0.0062	0.0059	86
	PST	Female	-0.0063	0.0062	38
		Male	-0.0068	0.0056	35
		Total	-0.0065	0.0059	73
	Total	Female	-0.0062	0.0059	87
		Male	-0.0065	0.0058	72
		Total	-0.0063	0.0059	159
Semantic Network Select Network Modularity in the Beta Frequency Band to Positive False Alarms	DMT	Female	-0.0053	0.0062	49
		Male	-0.0062	0.0053	37
		Total	-0.0057	0.0059	86
	PST	Female	-0.0062	0.0058	38
		Male	-0.0060	0.0048	35
		Total	-0.0061	0.0053	73
	Total	Female	-0.0057	0.0060	87
		Male	-0.0061	0.0050	72
		Total	-0.0059	0.0056	159
Semantic Network Select Network Modularity in the Gamma Frequency Band to Positive False Alarms	DMT	Female	-0.0072	0.0057	49
		Male	-0.0066	0.0062	37
		Total	-0.0069	0.0059	86
	PST	Female	-0.0057	0.0064	38
		Male	-0.0071	0.0046	35
		Total	-0.0064	0.0057	73
	Total	Female	-0.0065	0.0060	87
		Male	-0.0068	0.0055	72
		Total	-0.0078	0.0058	159

Table 28

Table 29: Semantic Network Subnetwork Modularity to Positive Correct Rejections

Table 29

Semantic Network Subnetwork Modularity to Correct Rejections for Positive Feedback

Variable	Condition	Gender	Mean	SD	N
Semantic Network Subnetwork Modularity in the Theta Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	0.0884	0.0098	49
		Male	0.0917	0.0080	37
		Total	0.0898	0.0092	86
	PST	Female	0.0911	0.0074	38
		Male	0.0938	0.0075	35
		Total	0.0924	0.0075	73
	Total	Female	0.0896	0.0089	87
		Male	0.0927	0.0078	72
		Total	0.0910	0.0085	159
Semantic Network Subnetwork Modularity in the Alpha Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	0.1202	0.0188	49
		Male	0.1191	0.0223	37
		Total	0.1197	0.0203	86
	PST	Female	0.1227	0.0162	38
		Male	0.1149	0.0155	35
		Total	0.1190	0.0162	73
	Total	Female	0.1213	0.0177	87
		Male	0.1170	0.0193	72
		Total	0.1194	0.0185	159
Semantic Network Subnetwork Modularity in the Beta Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	0.1208	0.0169	49
		Male	0.1224	0.0182	37
		Total	0.1215	0.0174	86
	PST	Female	0.1262	0.0158	38
		Male	0.1217	0.0135	35
		Total	0.1240	0.0148	73
	Total	Female	0.1232	0.0166	87
		Male	0.1221	0.0160	72
		Total	0.1227	0.0182	159
Semantic Network Subnetwork Modularity in the Gamma Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	0.1079	0.0190	49
		Male	0.1133	0.0204	37
		Total	0.1103	0.0197	86
	PST	Female	0.1109	0.0175	38
		Male	0.1082	0.0153	35
		Total	0.1096	0.0164	73
	Total	Female	0.1092	0.0183	87
		Male	0.1108	0.0182	72
		Total	0.1100	0.0182	159

Table 29

Table 30: Semantic Network Select Network Modularity to Positive Correct Rejections

Table 30

Semantic Network Selected Network Modularity to Correct Rejections for Positive Feedback

Variable	Condition	Gender	Mean	SD	N
Semantic Network Selected Network Modularity in the Theta Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	-0.0080	0.0037	49
		Male	-0.0090	0.0042	37
		Total	-0.0084	0.0039	86
	PST	Female	-0.0102	0.0042	38
		Male	-0.0082	0.0050	35
		Total	-0.0092	0.0047	73
	Total	Female	-0.0090	0.0041	87
		Male	-0.0086	0.0460	72
		Total	-0.0088	0.0043	159
Semantic Network Selected Network Modularity in the Alpha Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	-0.0062	0.0045	49
		Male	-0.0056	0.0035	37
		Total	-0.0060	0.0041	86
	PST	Female	-0.0076	0.0042	38
		Male	-0.0061	0.0057	35
		Total	-0.0069	0.0050	73
	Total	Female	-0.0069	0.0041	87
		Male	-0.0058	0.0047	72
		Total	-0.0064	0.0045	159
Semantic Network Selected Network Modularity in the Beta Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	-0.0048	0.0049	49
		Male	-0.0053	0.0047	37
		Total	-0.0050	0.0048	86
	PST	Female	-0.0070	0.0042	38
		Male	-0.0065	0.0051	35
		Total	-0.0068	0.0046	73
	Total	Female	-0.0576	0.0047	87
		Male	-0.0059	0.0049	72
		Total	-0.0058	0.0048	159
Semantic Network Selected Network Modularity in the Gamma Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	-0.0075	0.0048	49
		Male	-0.0073	0.0048	37
		Total	-0.0074	0.0047	86
	PST	Female	-0.0069	0.0040	38
		Male	-0.0081	0.0049	35
		Total	-0.0075	0.0045	73
	Total	Female	-0.0073	0.0044	87
		Male	-0.0077	0.0048	72
		Total	-0.0075	0.0046	159

Table 30

Table 31: Emotion Network Subnetwork Modularity to Negative False Alarms

Table 31

Emotion Network Subnetwork Modularity to False Alarms for Negative Feedback

Variable	Condition	Gender	Mean	SD	N
Emotion Network Subnetwork Modularity in the Theta Frequency Band to Wrong False Alarms	DMT	Female	0.089	0.007	49
		Male	0.087	0.008	37
		Total	0.089	0.007	86
	PST	Female	0.092	0.007	38
		Male	0.088	0.006	36
		Total	0.090	0.006	74
	Total	Female	0.090	0.007	87
		Male	0.088	0.007	73
		Total	0.089	0.007	160
Emotion Network Subnetwork Modularity in the Alpha Frequency Band to Wrong False Alarms	DMT	Female	0.091	0.009	49
		Male	0.090	0.010	37
		Total	0.091	0.009	86
	PST	Female	0.094	0.010	38
		Male	0.093	0.009	36
		Total	0.094	0.010	74
	Total	Female	0.093	0.010	87
		Male	0.091	0.009	73
		Total	0.092	0.010	160
Emotion Network Subnetwork Modularity in the Beta Frequency Band to Wrong False Alarms	DMT	Female	0.145	0.020	49
		Male	0.144	0.018	37
		Total	0.144	0.019	86
	PST	Female	0.136	0.020	38
		Male	0.137	0.017	36
		Total	0.137	0.018	74
	Total	Female	0.141	0.020	87
		Male	0.141	0.017	73
		Total	0.141	0.019	160
Emotion Network Subnetwork Modularity in the Gamma Frequency Band to Wrong False Alarms	DMT	Female	0.091	0.011	49
		Male	0.090	0.009	37
		Total	0.090	0.010	86
	PST	Female	0.096	0.010	38
		Male	0.091	0.011	36
		Total	0.093	0.011	74
	Total	Female	0.093	0.011	87
		Male	0.090	0.010	73
		Total	0.092	0.010	160

Table 31

Table 32: Emotion Network Select Network Modularity to Negative False Alarms

Table 32

Emotion Network Select Network Modularity to False Alarms for Negative Feedback

Variable	Condition	Gender	Mean	SD	N
Emotion Network Select Network Modularity in the Theta Frequency Band to Wrong False Alarms	DMT	Female	-0.0059	0.0051	49
		Male	-0.0057	0.0058	37
		Total	-0.0058	0.0054	86
	PST	Female	-0.0039	0.0074	38
		Male	-0.0042	0.0060	36
		Total	-0.0041	0.0067	74
	Total	Female	-0.0050	0.0062	87
		Male	-0.0050	0.0059	73
		Total	-0.0050	0.0061	160
Emotion Network Select Network Modularity in the Alpha Frequency Band to Wrong False Alarms	DMT	Female	-0.0005	0.0046	49
		Male	-0.0026	0.0046	37
		Total	-0.0014	0.0047	86
	PST	Female	0.0010	0.0059	38
		Male	-0.0003	0.0060	36
		Total	0.0004	0.0059	74
	Total	Female	0.0002	0.0052	87
		Male	-0.0014	0.0054	73
		Total	-0.0006	0.0054	160
Emotion Network Select Network Modularity in the Beta Frequency Band to Wrong False Alarms	DMT	Female	-0.0003	0.0040	49
		Male	-0.0022	0.0036	37
		Total	-0.0011	0.0039	86
	PST	Female	-0.0009	0.0057	38
		Male	0.0002	0.0059	36
		Total	-0.0004	0.0058	74
	Total	Female	-0.0006	0.0048	87
		Male	-0.0010	0.0050	73
		Total	-0.0008	0.0049	160
Emotion Network Select Network Modularity in the Gamma Frequency Band to Wrong False Alarms	DMT	Female	-0.0026	0.0049	49
		Male	-0.0038	0.0054	37
		Total	-0.0031	0.0051	86
	PST	Female	0.0006	0.0060	38
		Male	-0.0002	0.0060	36
		Total	0.0002	0.0060	74
	Total	Female	-0.0012	0.0056	87
		Male	-0.0020	0.0059	73
		Total	-0.0016	0.0058	160

Table 32

Table 33: Emotion Network Subnetwork Modularity to Negative Correct Rejections

Table 33

Emotion Network Subnetwork Modularity to Negative Correct Rejections

Variable	Condition	Gender	Mean	SD	N
Emotion Network Subnetwork Modularity in the Theta Frequency Band to Negative Correct Rejections	DMT	Female	0.0896	0.0060	49
		Male	0.0890	0.0055	37
		Total	0.0894	0.0058	86
	PST	Female	0.0913	0.0064	38
		Male	0.0891	0.0060	36
		Total	0.0902	0.0063	74
	Total	Female	0.0903	0.0062	87
		Male	0.0891	0.0058	73
		Total	0.0898	0.0060	160
Emotion Network Subnetwork Modularity in the Alpha Frequency Band to Negative Correct Rejections	DMT	Female	0.0933	0.0107	49
		Male	0.0943	0.0083	37
		Total	0.0937	0.0097	86
	PST	Female	0.0940	0.0066	38
		Male	0.0899	0.0091	36
		Total	0.0920	0.0081	74
	Total	Female	0.0936	0.0091	87
		Male	0.0921	0.0089	73
		Total	0.0929	0.0090	160
Emotion Network Subnetwork Modularity in the Beta Frequency Band to Negative Correct Rejections	DMT	Female	0.0920	0.0090	49
		Male	0.0913	0.0103	37
		Total	0.0917	0.0095	86
	PST	Female	0.0923	0.0091	38
		Male	0.0891	0.0130	36
		Total	0.0908	0.0112	74
	Total	Female	0.0291	0.0090	87
		Male	0.0902	0.0117	73
		Total	0.0921	0.0086	160
Emotion Network Subnetwork Modularity in the Gamma Frequency Band to Negative Correct Rejections	DMT	Female	0.0925	0.0092	49
		Male	0.0912	0.0078	37
		Total	0.0919	0.0086	86
	PST	Female	0.0923	0.0083	38
		Male	0.0925	0.0092	36
		Total	0.0924	0.0087	74
	Total	Female	0.0924	0.0088	87
		Male	0.0918	0.0085	73
		Total	0.0921	0.0086	160

Table 33

Table 34: Emotion Network Select Network Modularity to Negative Correct Rejections

Table 34

Emotion Network Select Network Modularity to Negative Correct Rejections

Variable	Condition	Gender	Mean	SD	N
Emotion Network Select Network Modularity in the Theta Frequency Band to Negative Correct Rejections	DMT	Female	-0.0063	0.0043	49
		Male	-0.0060	0.0046	37
		Total	-0.0062	0.0044	86
	PST	Female	-0.0041	0.0047	38
		Male	-0.0045	0.0045	36
		Total	-0.0134	0.0046	74
	Total	Female	-0.0053	0.0046	87
		Male	-0.0053	0.0046	73
		Total	-0.0053	0.0046	160
Emotion Network Select Network Modularity in the Alpha Frequency Band to Negative Correct Rejections	DMT	Female	-0.0013	0.0038	49
		Male	-0.0022	0.0047	37
		Total	-0.0017	0.0042	86
	PST	Female	-0.0009	0.0051	38
		Male	-0.0017	0.0039	36
		Total	-0.0013	0.0045	74
	Total	Female	-0.0011	0.0044	87
		Male	-0.0019	0.0047	73
		Total	-0.0015	0.0043	160
Emotion Network Select Network Modularity in the Beta Frequency Band to Negative Correct Rejections	DMT	Female	-0.0006	0.0032	49
		Male	-0.0012	0.0050	37
		Total	-0.0009	0.0041	86
	PST	Female	-0.0010	0.0043	38
		Male	-0.0005	0.0044	36
		Total	-0.0008	0.0044	74
	Total	Female	-0.0008	0.0038	87
		Male	-0.0009	0.0047	73
		Total	-0.0009	0.0042	160
Emotion Network Select Network Modularity in the Gamma Frequency Band to Negative Correct Rejections	DMT	Female	-0.0023	0.0041	49
		Male	-0.0028	0.0039	37
		Total	-0.0025	0.0040	86
	PST	Female	-0.0013	0.0043	38
		Male	-0.0021	0.0052	36
		Total	-0.0017	0.0047	74
	Total	Female	-0.0019	0.0042	87
		Male	-0.0024	0.0045	73
		Total	-0.0021	0.0044	160

Table 34

Table 35: Emotion Network Subnetwork Modularity to Negative Misses

Table 35

Emotion Network Misses to Negative Feedback

Variable	Condition	Gender	Mean	SD	N
Emotion Network Subnetwork Modularity in the Theta Frequency Band to Negative Misses	DMT	Female	0.0882	0.0086	48
		Male	0.0875	0.0074	33
		Total	0.0879	0.0081	81
	PST	Female	0.0890	0.0070	35
		Male	0.0866	0.0083	32
		Total	0.0878	0.0085	67
	Total	Female	0.0885	0.0086	83
		Male	0.0870	0.0078	65
		Total	0.0879	0.0083	148
Emotion Network Subnetwork Modularity in the Alpha Frequency Band to Negative Misses	DMT	Female	0.0931	0.0119	48
		Male	0.0910	0.0117	33
		Total	0.0923	0.0118	81
	PST	Female	0.0912	0.0115	35
		Male	0.0882	0.0115	32
		Total	0.0898	0.0115	67
	Total	Female	0.0923	0.0117	83
		Male	0.0897	0.0116	65
		Total	0.0911	0.0117	148
Emotion Network Subnetwork Modularity in the Beta Frequency Band to Negative Misses	DMT	Female	0.1239	0.0110	48
		Male	0.1227	0.0116	33
		Total	0.1234	0.0112	81
	PST	Female	0.1253	0.0131	35
		Male	0.1296	0.0154	32
		Total	0.1273	0.0143	67
	Total	Female	0.1245	0.1187	83
		Male	0.1261	0.0139	65
		Total	0.1252	0.0128	148
Emotion Network Subnetwork Modularity in the Gamma Frequency Band to Negative Misses	DMT	Female	0.0924	0.0153	48
		Male	0.0903	0.0114	33
		Total	0.0915	0.0138	81
	PST	Female	0.0916	0.0123	35
		Male	0.0856	0.0117	32
		Total	0.0887	0.0123	67
	Total	Female	0.0921	0.0140	83
		Male	0.0880	0.0117	65
		Total	0.0903	0.0132	148

Table 35

Table 36: Emotion Network Select Network Modularity to Negative Misses

Table 36

Emotion Network Misses to Negative Feedback

Variable	Condition	Gender	Mean	SD	N
Emotion Network Select Network Modularity in the Theta Frequency Band to Negative Misses	DMT	Female	-0.0033	0.0053	48
		Male	-0.0031	0.0073	33
		Total	-0.0032	0.0061	81
	PST	Female	-0.0051	0.0056	35
		Male	-0.0044	0.0067	32
		Total	-0.0048	0.0074	67
	Total	Female	-0.0041	0.0066	83
		Male	-0.0037	0.0070	65
		Total	-0.0039	0.0068	148
Emotion Network Select Network Modularity in the Alpha Frequency Band to Negative Misses	DMT	Female	-0.0011	0.0068	48
		Male	0.0001	0.0063	33
		Total	-0.0006	0.0066	81
	PST	Female	-0.0010	0.0056	35
		Male	-0.0013	0.0061	32
		Total	-0.0012	0.0058	67
	Total	Female	-0.0011	0.0063	83
		Male	-0.0006	0.0062	65
		Total	-0.0009	0.0062	148
Emotion Network Select Network Modularity in the Beta Frequency Band to Negative Misses	DMT	Female	-0.0013	0.0058	48
		Male	-0.0011	0.0059	33
		Total	-0.0012	0.0058	81
	PST	Female	-0.0008	0.0060	35
		Male	-0.0020	0.0052	32
		Total	-0.0013	0.0056	67
	Total	Female	-0.0011	0.0059	83
		Male	-0.0015	0.0056	65
		Total	-0.0013	0.0057	148
Emotion Network Select Network Modularity in the Gamma Frequency Band to Negative Misses	DMT	Female	-0.0014	0.0062	48
		Male	-0.0007	0.0074	33
		Total	-0.0011	0.0067	81
	PST	Female	-0.0008	0.0070	35
		Male	-0.0017	0.0062	32
		Total	-0.0013	0.0066	67
	Total	Female	-0.0012	0.0066	83
		Male	-0.0012	0.0068	65
		Total	-0.0012	0.0066	148

Table 36

Table 37: Emotion Network Subnetwork Modularity to Positive Hits

Table 37

Emotion Network Subnetwork Modularity to Positive Hits

Variable	Condition	Gender	Mean	SD	N
Emotion Network Subnetwork Modularity in the Theta Frequency Band to Positive Hits	DMT	Female	0.0878	0.0090	33
		Male	0.0844	0.0115	28
		Total	0.0862	0.0103	61
	PST	Female	0.0864	0.0099	26
		Male	0.0907	0.0101	26
		Total	0.0885	0.0102	52
	Total	Female	0.0872	0.0094	59
		Male	0.0874	0.0112	54
		Total	0.0873	0.0102	113
Emotion Network Subnetwork Modularity in the Alpha Frequency Band to Positive Hits	DMT	Female	0.0912	0.0160	33
		Male	0.0899	0.0152	28
		Total	0.0906	0.0155	61
	PST	Female	0.0926	0.0114	26
		Male	0.0877	0.0177	26
		Total	0.0902	0.0150	52
	Total	Female	0.0918	0.0141	59
		Male	0.0889	0.0163	54
		Total	0.0904	0.0152	113
Emotion Network Subnetwork Modularity in the Beta Frequency Band to Positive Hits	DMT	Female	0.0895	0.0077	33
		Male	0.0910	0.0070	28
		Total	0.0902	0.0073	61
	PST	Female	0.0900	0.0100	26
		Male	0.0907	0.0099	26
		Total	0.0904	0.0099	52
	Total	Female	0.0897	0.0087	59
		Male	0.0909	0.0085	54
		Total	0.0903	0.0086	113
Emotion Network Subnetwork Modularity in the Gamma Frequency Band to Positive Hits	DMT	Female	0.0865	0.0112	33
		Male	0.0865	0.0125	28
		Total	0.0865	0.0117	61
	PST	Female	0.0903	0.0106	26
		Male	0.0903	0.0137	26
		Total	0.0903	0.0121	52
	Total	Female	0.0882	0.0111	59
		Male	0.0883	0.0131	54
		Total	0.0882	0.0120	113

Table 37

Table 38: Emotion Network Select Network Modularity to Positive Hits

Table 38

Emotion Network Select Network Modularity to Positive Hits

Variable	Condition	Gender	Mean	SD	N
Emotion Network Select Network Modularity in the Theta Frequency Band to Positive Hits	DMT	Female	0.0065	-0.0006	33
		Male	-0.0036	0.0069	28
		Total	-0.0020	0.0067	61
	PST	Female	-0.0022	0.0069	26
		Male	-0.0032	0.0077	26
		Total	-0.0028	0.0072	53
	Total	Female	-0.0013	0.0067	59
		Male	-0.0034	0.0072	54
		Total	-0.0023	0.0070	113
Emotion Network Select Network Modularity in the Alpha Frequency Band to Positive Hits	DMT	Female	0.0000	0.0070	33
		Male	-0.0017	0.0060	28
		Total	-0.0008	0.0066	61
	PST	Female	0.0004	0.0062	26
		Male	-0.0014	0.0057	26
		Total	-0.0005	0.0060	53
	Total	Female	0.0002	0.0067	59
		Male	-0.0015	0.0058	54
		Total	-0.0006	0.0063	113
Emotion Network Select Network Modularity in the Beta Frequency Band to Positive Hits	DMT	Female	-0.0002	0.0069	33
		Male	-0.0007	0.0046	28
		Total	-0.0004	0.0058	61
	PST	Female	0.0006	0.0050	26
		Male	0.0016	0.0056	26
		Total	0.0011	0.0053	53
	Total	Female	0.0002	0.0061	59
		Male	0.0004	0.0051	54
		Total	0.0002	0.0056	113
Emotion Network Select Network Modularity in the Gamma Frequency Band to Positive Hits	DMT	Female	-0.0017	0.0064	33
		Male	-0.0037	0.0065	28
		Total	-0.0027	0.0065	61
	PST	Female	0.0003	0.0060	26
		Male	-0.0011	0.0086	26
		Total	-0.0004	0.0073	53
	Total	Female	-0.0008	0.0062	59
		Male	-0.0025	0.0076	54
		Total	-0.0016	0.0069	113

Table 38

Table 39: Emotion Network Subnetwork Modularity to Positive False Alarms

Table 39

Emotion Network Subnetwork Modularity to Positive False Alarms

Variable	Condition	Gender	Mean	SD	N
Emotion Network Subnetwork Modularity in the Theta Frequency Band to Positive False Alarms	DMT	Female	0.0899	0.0069	49
		Male	0.0896	0.0067	37
		Total	0.0897	0.0068	86
	PST	Female	0.0890	0.0065	38
		Male	0.0883	0.0065	35
		Total	0.0887	0.0064	73
	Total	Female	0.0895	0.0067	87
		Male	0.0890	0.0066	72
		Total	0.0893	0.0066	159
Emotion Network Subnetwork Modularity in the Alpha Frequency Band to Positive False Alarms	DMT	Female	0.0907	0.0097	49
		Male	0.0917	0.0110	37
		Total	0.0912	0.0102	86
	PST	Female	0.0936	0.0093	38
		Male	0.0928	0.0106	35
		Total	0.0932	0.0099	73
	Total	Female	0.0920	0.0096	87
		Male	0.0922	0.0108	72
		Total	0.0921	0.0101	159
Emotion Network Subnetwork Modularity in the Beta Frequency Band to Positive False Alarms	DMT	Female	0.0908	0.0079	49
		Male	0.0898	0.0081	37
		Total	0.0904	0.0079	86
	PST	Female	0.0906	0.0090	38
		Male	0.0912	0.0091	35
		Total	0.0908	0.0090	73
	Total	Female	0.0907	0.0083	87
		Male	0.0905	0.0085	72
		Total	0.0906	0.0084	159
Emotion Network Subnetwork Modularity in the Gamma Frequency Band to Positive False Alarms	DMT	Female	0.0925	0.0092	49
		Male	0.0915	0.0089	37
		Total	0.0921	0.0090	86
	PST	Female	0.0928	0.0094	38
		Male	0.0929	0.0082	35
		Total	0.0929	0.0088	73
	Total	Female	0.0926	0.0092	87
		Male	0.0922	0.0085	72
		Total	0.0925	0.0089	159

Table 39

Table 40: Emotion Network Select Network Modularity to Positive False Alarms

Table 40

Emotion Network Select Network Modularity to Positive False Alarms

Variable	Condition	Gender	Mean	SD	N
Emotion Network Select Network Modularity in the Theta Frequency Band to Positive False Alarms	DMT	Female	-0.0063	0.0066	49
		Male	-0.0076	0.0063	37
		Total	-0.0069	0.0064	86
	PST	Female	-0.0046	0.0054	38
		Male	-0.0049	0.0054	35
		Total	-0.0048	0.0054	73
	Total	Female	0.0056	0.0061	87
		Male	-0.0063	0.0060	72
		Total	-0.0059	0.0061	159
Emotion Network Select Network Modularity in the Alpha Frequency Band to Positive False Alarms	DMT	Female	-0.0018	0.0048	49
		Male	-0.0017	0.0054	37
		Total	-0.0017	0.0051	86
	PST	Female	-0.0021	0.0058	38
		Male	-0.0004	0.0051	35
		Total	-0.0013	0.0055	73
	Total	Female	-0.0019	0.0052	87
		Male	-0.0011	0.0053	72
		Total	-0.0015	0.0053	159
Emotion Network Select Network Modularity in the Beta Frequency Band to Positive False Alarms	DMT	Female	-0.0018	0.0043	49
		Male	-0.0013	0.0040	37
		Total	-0.0016	0.0041	86
	PST	Female	-0.0010	0.0049	38
		Male	0.0001	0.0045	35
		Total	-0.0005	0.0047	73
	Total	Female	-0.0015	0.0045	87
		Male	-0.0006	0.0043	72
		Total	-0.0011	0.0044	159
Emotion Network Select Network Modularity in the Gamma Frequency Band to Positive False Alarms	DMT	Female	-0.0032	0.0048	49
		Male	-0.0027	0.0062	37
		Total	-0.0030	0.0054	86
	PST	Female	-0.0031	0.0054	38
		Male	-0.0010	0.0055	35
		Total	-0.0021	0.0055	73
	Total	Female	-0.0031	0.0050	87
		Male	-0.0019	0.0059	72
		Total	-0.0026	0.0054	159

Table 40

Table 41: Emotion Network Subnetwork Modularity to Positive Correct Rejections

Table 41

Emotion Network Subnetwork Modularity to Correct Rejections for Positive Feedback

Variable	Condition	Gender	Mean	SD	N
Emotion Network Subnetwork Modularity in the Theta Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	0.0907	0.0061	49
		Male	0.0884	0.0054	37
		Total	0.0897	0.0059	86
	PST	Female	0.0912	0.0072	38
		Male	0.0897	0.0058	35
		Total	0.0905	0.0066	73
	Total	Female	0.0909	0.0066	87
		Male	0.0891	0.0056	72
		Total	0.0901	0.0062	159
Emotion Network Subnetwork Modularity in the Alpha Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	0.0914	0.0088	49
		Male	0.0904	0.0083	37
		Total	0.0909	0.0085	86
	PST	Female	0.0918	0.0095	38
		Male	0.0907	0.0108	35
		Total	0.0913	0.0101	73
	Total	Female	0.0916	0.0090	87
		Male	0.0905	0.0095	73
		Total	0.0911	0.0092	159
Emotion Network Subnetwork Modularity in the Beta Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	0.0911	0.0096	49
		Male	0.0908	0.0086	37
		Total	0.0909	0.0091	86
	PST	Female	0.0925	0.0084	38
		Male	0.0902	0.0076	35
		Total	0.0914	0.0081	73
	Total	Female	0.0917	0.0091	87
		Male	0.0905	0.0081	73
		Total	0.0912	0.0086	159
Emotion Network Subnetwork Modularity in the Gamma Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	0.0928	0.0088	49
		Male	0.0897	0.0084	37
		Total	0.0915	0.0087	86
	PST	Female	0.0946	0.0090	38
		Male	0.0908	0.0092	35
		Total	0.0928	0.0092	73
	Total	Female	0.0936	0.0089	87
		Male	0.0903	0.0087	72
		Total	0.0921	0.0089	159

Table 41

Table 42: Emotion Network Select Network Modularity to Positive Correct Rejections

Table 42

Emotion Network Select Network Modularity to Correct Rejections for Positive Feedback

Variable	Condition	Gender	Mean	SD	N
Emotion Network Select Network Modularity in the Theta Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	-0.0048	0.0056	49
		Male	-0.0059	0.0057	37
		Total	-0.0052	0.0056	86
	PST	Female	-0.0037	0.0055	38
		Male	-0.0052	0.0054	35
		Total	-0.0044	0.0055	73
	Total	Female	-0.0043	0.0055	87
		Male	-0.0056	0.0055	72
		Total	-0.0049	0.0055	159
Emotion Network Select Network Modularity in the Alpha Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	-0.0008	0.0039	49
		Male	-0.0019	0.0043	37
		Total	-0.0013	0.0041	86
	PST	Female	-0.0013	0.0036	38
		Male	-0.0010	0.0045	35
		Total	-0.0011	0.0055	73
	Total	Female	-0.0010	0.0038	87
		Male	-0.0015	0.0044	72
		Total	-0.0012	0.0040	159
Emotion Network Select Network Modularity in the Beta Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	0.0001	0.0032	49
		Male	-0.0011	0.0040	37
		Total	-0.0004	0.0036	86
	PST	Female	-0.0010	0.0045	38
		Male	0.0003	0.0043	35
		Total	-0.0004	0.0045	73
	Total	Female	-0.0004	0.0039	87
		Male	-0.0004	0.0042	72
		Total	-0.0004	0.0040	159
Emotion Network Select Network Modularity in the Gamma Frequency Band to Correct Rejections for Positive Feedback	DMT	Female	-0.0012	-0.0039	49
		Male	-0.0023	0.0050	37
		Total	-0.0017	0.0044	86
	PST	Female	-0.0011	0.0044	38
		Male	-0.0001	0.0044	35
		Total	-0.0006	0.0044	73
	Total	Female	-0.0012	0.0041	87
		Male	-0.0012	0.0048	72
		Total	-0.0012	0.0044	159

Table 42

Table 43: Emotion Network Subnetwork Modularity to Positive Misses

Table 43

Emotion Network Misses to Positive Feedback

Variable	Condition	Gender	Mean	SD	N
Emotion Network Subnetwork Modularity in the Theta Frequency Band to Positive Misses	DMT	Female	0.0894	0.0083	41
		Male	0.0868	0.0083	35
		Total	0.0882	0.0083	76
	PST	Female	0.0887	0.0082	34
		Male	0.0862	0.0073	31
		Total	0.0875	0.0078	65
	Total	Female	0.0891	0.0082	75
		Male	0.0865	0.0078	66
		Total	0.0879	0.0081	141
Emotion Network Subnetwork Modularity in the Alpha Frequency Band to Positive Misses	DMT	Female	0.0906	0.0127	41
		Male	0.0869	0.0106	35
		Total	0.0889	0.0119	76
	PST	Female	0.0912	0.0105	34
		Male	0.0883	0.0121	31
		Total	0.0898	0.0113	65
	Total	Female	0.0909	0.0117	75
		Male	0.0876	0.0113	66
		Total	0.0893	0.0116	141
Emotion Network Subnetwork Modularity in the Beta Frequency Band to Positive Misses	DMT	Female	0.0904	0.0083	41
		Male	0.0879	0.0070	35
		Total	0.0893	0.0078	76
	PST	Female	0.0901	0.0095	34
		Male	0.0877	0.0101	31
		Total	0.0889	0.0098	65
	Total	Female	0.0903	0.0088	75
		Male	0.0878	0.0085	66
		Total	0.0891	0.0087	141
Emotion Network Subnetwork Modularity in the Gamma Frequency Band to Positive Misses	DMT	Female	0.0936	0.0128	41
		Male	0.0897	0.0101	35
		Total	0.0918	0.0117	76
	PST	Female	0.0883	0.0100	34
		Male	0.0881	0.0142	31
		Total	0.0882	0.0121	65
	Total	Female	0.0912	0.0119	75
		Male	0.0890	0.0121	66
		Total	0.0901	0.0120	141

Table 43

Table 44: Emotion Network Select Network Modularity to Positive Misses

Table 44

Emotion Network Misses to Positive Feedback

Variable	Condition	Gender	Mean	SD	N
Emotion Network Select Network Modularity in the Theta Frequency Band to Positive Misses	DMT	Female	-0.0042	0.0067	41
		Male	-0.0043	0.0085	35
		Total	-0.0043	0.0075	76
	PST	Female	-0.0036	0.0075	34
		Male	-0.0031	0.0072	31
		Total	-0.0034	0.0073	65
	Total	Female	-0.0039	0.0071	75
		Male	-0.0038	0.0078	66
		Total	-0.0039	0.0074	141
Emotion Network Select Network Modularity in the Alpha Frequency Band to Positive Misses	DMT	Female	-0.0005	0.0063	41
		Male	-0.0013	0.0074	35
		Total	-0.0009	0.0068	76
	PST	Female	0.0012	0.0061	34
		Male	-0.0009	0.0057	31
		Total	0.0002	0.0060	65
	Total	Female	0.0003	0.0062	75
		Male	-0.0011	0.0066	66
		Total	-0.0004	0.0064	141
Emotion Network Select Network Modularity in the Beta Frequency Band to Positive Misses	DMT	Female	-0.0005	0.0062	41
		Male	0.0004	0.0051	35
		Total	-0.0001	0.0057	76
	PST	Female	-0.0006	0.0056	34
		Male	-0.0016	0.0063	31
		Total	-0.0011	0.0059	65
	Total	Female	-0.0006	0.0059	75
		Male	-0.0005	0.0057	66
		Total	-0.0006	0.0058	141
Emotion Network Select Network Modularity in the Gamma Frequency Band to Positive Misses	DMT	Female	-0.0009	0.0060	41
		Male	0.0007	0.0060	35
		Total	-0.0001	0.0060	76
	PST	Female	-0.0011	0.0053	34
		Male	-0.0019	0.0084	31
		Total	-0.0015	0.0069	65
	Total	Female	-0.0010	0.0057	75
		Male	-0.0005	0.0073	66
		Total	-0.0008	0.0064	141

Table 44

Table 45: Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Positive Correct Rejections

Table 45

Summary of Correlations between Emotion and Semantic Memory Network Selected Modularity for Positive Correct Rejections

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Selected Modularity for Positive Correct Rejections in the Theta Frequency Band	1.00							
2.Emotion Network Selected Modularity for Positive Correct Rejections in the Alpha Frequency Band	0.24**	1.00						
3.Emotion Network Selected Modularity for Positive Correct Rejections in the Beta Frequency Band	0.34**	0.53**	1.00					
4.Emotion Network Selected Modularity for Positive Correct Rejections in the Gamma Frequency Band	0.41**	0.45**	0.43**	1.00				
5.Semantic Memory Network Selected Modularity for Positive Correct Rejections in the Theta Frequency Band	-0.03	0.24**	0.12	0.09	1.00			
6.Semantic Memory Network Selected Modularity for Positive Correct Rejections in the Alpha Frequency Band	-0.08	-0.19*	-0.12	-0.03	0.07	1.00		
7.Semantic Memory Network Selected Modularity for Positive Correct Rejections in the Beta Frequency Band	0.12	-0.09	0.00	0.03	0.11	0.45**	1.00	
8. Semantic Memory Network Selected Modularity for Positive Correct Rejections in the Gamma Frequency Band	0.11	0.10	-0.14	-0.03	0.23**	0.46**	0.39**	1.00

Note.

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Table 45

Table 46: Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Positive Correct Rejections

Table 46

Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Positive Correct Rejections

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Subnetwork Modularity for Positive Correct Rejections in the Theta Frequency Band	1.00							
2.Emotion Network Subnetwork Modularity for Positive Correct Rejections in the Alpha Frequency Band	0.55**	1.00						
3.Emotion Network Subnetwork Modularity for Positive Correct Rejections in the Beta Frequency Band	0.47**	0.59**	1.00					
4.Emotion Network Subnetwork Modularity for Positive Correct Rejections in the Gamma Frequency Band	0.68**	0.67**	0.53**	1.00				
5.Semantic Memory Network Subnetwork Modularity for Positive Correct Rejections in the Theta Frequency Band	0.06	-0.02	0.00	-0.04	1.00			
6.Semantic Memory Network Subnetwork Modularity for Positive Correct Rejections in the Alpha Frequency Band	0.13	0.05	0.10	0.10	-0.13	1.00		
7.Semantic Memory Network Subnetwork Modularity for Positive Correct Rejections in the Beta Frequency Band	0.06	0.02	0.02	0.01	-0.02	0.60**	1.00	
8.Semantic Memory Network Subnetwork Modularity for Positive Correct Rejections in the Gamma Frequency Band	0.09	0.00	0.04	0.03	-0.06	0.70**	0.55**	1.00

Note.

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Table 46

Table 47: Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Negative Correct Rejections

Table 47

Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Negative Correct Rejections

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Select Network Modularity for Negative Correct Rejections in the Theta Frequency Band	1.00							
2.Emotion Network Select Network Modularity for Negative Correct Rejections in the Alpha Frequency Band	0.34**	1.00						
3.Emotion Network Select Network Modularity for Negative Correct Rejections in the Beta Frequency Band	0.31**	0.50**	1.00					
4.Emotion Network Select Network Modularity for Negative Correct Rejections in the Gamma Frequency Band	0.43**	0.54**	0.47**	1.00				
5.Semantic Memory Network Select Network Modularity for Negative Correct Rejections in the Theta Frequency Band	-0.14	-0.08	-0.12	-0.10	1.00			
6.Semantic Memory Network Select Network Modularity for Negative Correct Rejections in the Alpha Frequency Band	0.06	-0.19*	-0.05	-0.06	0.00	1.00		
7.Semantic Memory Network Select Network Modularity for Negative Correct Rejections in the Beta Frequency Band	0.14	-0.05	-0.08	-0.01	0.09	0.37**	1.00	
8.Semantic Memory Network Select Network Modularity for Negative Correct Rejections in the Gamma Frequency Band	0.04	-0.11	-0.11	-0.03	0.15	0.50**	0.37**	1.00

Note.

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Table 47

Table 48: Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Negative Correct Rejections

Table 48

Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Negative Correct Rejections

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Subnetwork Modularity for Negative Correct Rejections in the Theta Frequency Band	1.00							
2.Emotion Network Subnetwork Modularity for Negative Correct Rejections in the Alpha Frequency Band	0.38**	1.00						
3.Emotion Network Subnetwork Modularity for Negative Correct Rejections in the Beta Frequency Band	0.44**	0.60**	1.00					
4.Emotion Network Subnetwork Modularity for Negative Correct Rejections in the Gamma Frequency Band	0.64**	0.56**	0.53**	1.00				
5.Semantic Memory Network Subnetwork Modularity for Negative Correct Rejections in the Theta Frequency Band	-0.13	-0.19*	-0.12	-0.12	1.00			
6.Semantic Memory Network Subnetwork Modularity for Negative Correct Rejections in the Alpha Frequency Band	0.18*	0.16'	0.16*	0.18*	-0.07	1.00		
7.Semantic Memory Network Subnetwork Modularity for Negative Correct Rejections in the Beta Frequency Band	0.13	0.07	0.04	0.17*	-0.07	0.66**	1.00	
8.Semantic Memory Network Subnetwork Modularity for Negative Correct Rejections in the Gamma Frequency Band	0.14	0.09	0.07	0.06	-0.03	0.54**	0.55**	1.00

Note.

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Table 48

Table 49: Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Positive False Alarms

Table 49

Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Positive False Alarms

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Select Network Modularity for Positive False Alarms in the Theta Frequency Band	1.00							
2.Emotion Network Select Network Modularity for Positive False Alarms in the Alpha Frequency Band	0.26**	1.00						
3.Emotion Network Select Network Modularity for Positive False Alarms in the Beta Frequency Band	0.24**	0.41**	1.00					
4.Emotion Network Select Network Modularity for Positive False Alarms in the Gamma Frequency Band	0.54**	0.38**	0.37**	1.00				
5.Semantic Memory Network Select Network Modularity for Positive False Alarms in the Theta Frequency Band	0.00	0.10	0.06	0.05	1.00			
6.Semantic Memory Network Select Network Modularity for Positive False Alarms in the Alpha Frequency Band	-0.10	-0.07	-0.09	-0.08	0.12	1.00		
7.Semantic Memory Network Select Network Modularity for Positive False Alarms in the Beta Frequency Band	0.03	-0.01	-0.02	0.03	0.04	0.36**	1.00	
8. Semantic Memory Network Select Network Modularity for Positive False Alarms in the Gamma Frequency Band	0.03	0.04	-0.08	-0.05	0.21**	0.37**	0.37**	1.00

Note.
**. Correlation is significant at the 0.01 level (2-tailed).
*. Correlation is significant at the 0.05 level (2-tailed).

Table 49

Table 50: Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Positive False Alarms

Table 50

Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Positive False Alarms

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Subnetwork Modularity for Positive False Alarms in the Theta Frequency Band	1.00							
2.Emotion Network Subnetwork Modularity for Positive False Alarms in the Alpha Frequency Band	0.43**	1.00						
3.Emotion Network Subnetwork Modularity for Positive False Alarms in the Beta Frequency Band	0.43**	0.50**	1.00					
4.Emotion Network Subnetwork Modularity for Positive False Alarms in the Gamma Frequency Band	0.61**	0.56**	0.45**	1.00				
5.Semantic Memory Network Subnetwork Modularity for Positive False Alarms in the Theta Frequency Band	0.03	0.11	-0.02	0.05	1.00			
6.Semantic Memory Network Subnetwork Modularity for Positive False Alarms in the Alpha Frequency Band	-0.02	0.02	0.01	-0.07	0.20*	1.00		
7.Semantic Memory Network Subnetwork Modularity for Positive False Alarms in the Beta Frequency Band	0.05	0.08	0.05	-0.09	0.10	0.57**	1.00	
8.Semantic Memory Network Subnetwork Modularity for Positive False Alarms in the Gamma Frequency Band	0.08	0.03	-0.07	-0.05	0.14	0.57**	0.39**	1.00

Note.

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Table 50

Table 51: Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Negative False Alarms

Table 51

Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Negative False Alarms

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Select Network Modularity for Negative False Alarms in the Theta Frequency Band	1.00							
2.Emotion Network Select Network Modularity for Negative False Alarms in the Alpha Frequency Band	0.40**	1.00						
3.Emotion Network Select Network Modularity for Negative False Alarms in the Beta Frequency Band	0.23**	0.42**	1.00					
4.Emotion Network Select Network Modularity for Negative False Alarms in the Gamma Frequency Band	0.46**	0.44**	0.30**	1.00				
5.Semantic Memory Network Select Network Modularity for Negative False Alarms in the Theta Frequency Band	0.07	.158*	0.05	0.02	1.00			
6.Semantic Memory Network Select Network Modularity for Negative False Alarms in the Alpha Frequency Band	0.01	-0.12	0.02	-0.13	0.07	1.00		
7.Semantic Memory Network Select Network Modularity for Negative False Alarms in the Beta Frequency Band	-0.07	-0.02	0.03	-0.05	-0.07	0.34**	1.00	
8. Semantic Memory Network Select Network Modularity for Negative False Alarms in the Gamma Frequency Band	0.00	-0.05	0.0S	0.06	0.16*	0.41**	0.18*	1.00

Note.

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Table 51

Table 52: Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Negative False Alarms

Table 52

Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Negative False Alarms

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Subnetwork Modularity for Negative False Alarms in the Theta Frequency Band	1.00							
2.Emotion Network Subnetwork Modularity for Negative False Alarms in the Alpha Frequency Band	0.38**	1.00						
3.Emotion Network Subnetwork Modularity for Negative False Alarms in the Beta Frequency Band	0.43**	0.61**	1.00					
4.Emotion Network Subnetwork Modularity for Negative False Alarms in the Gamma Frequency Band	0.65**	0.50**	0.50**	1.00				
5.Semantic Memory Network Subnetwork Modularity for Negative False Alarms in the Theta Frequency Band	-0.20*	-0.11	-0.01	-0.08	1.00			
6.Semantic Memory Network Subnetwork Modularity for Negative False Alarms in the Alpha Frequency Band	0.13	-0.04	-0.01	0.05	0.03	1.00		
7.Semantic Memory Network Subnetwork Modularity for Negative False Alarms in the Beta Frequency Band	0.01	-0.07	0.05	0.02	0.04	0.40**	1.00	
8. Semantic Memory Network Subnetwork Modularity for Negative False Alarms in the Gamma Frequency Band	0.13	0.07	0.08	0.06	0.02	0.58**	0.38**	1.00

Note.

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Table 52

Table 53: Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Positive Misses

Table 53

Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Positive Misses

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Select Network Modularity for Positive Misses in the Theta Frequency Band	1.00							
2.Emotion Network Select Network Modularity for Positive Misses in the Alpha Frequency Band	0.03	1.00						
3.Emotion Network Select Network Modularity for Positive Misses in the Beta Frequency Band	0.14	0.29**	1.00					
4.Emotion Network Select Network Modularity for Positive Misses in the Gamma Frequency Band	0.32**	0.21*	0.14	1.00				
5.Semantic Memory Network Select Network Modularity for Positive Misses in the Theta Frequency Band	0.05	0.01	0.06	-0.02	1.00			
6.Semantic Memory Network Select Network Modularity for Positive Misses in the Alpha Frequency Band	0.15	0.04	0.06	0.05	0.13	1.00		
7.Semantic Memory Network Select Network Modularity for Positive Misses in the Beta Frequency Band	0.00	0.20*	0.14	0.16	-0.06	0.12	1.00	
8.Semantic Memory Network Select Network Modularity for Positive Misses in the Gamma Frequency Band	0.11	0.00	-0.13	-0.02	0.20*	0.16	0.16	1.00

Note.
**. Correlation is significant at the 0.01 level (2-tailed).
*. Correlation is significant at the 0.05 level (2-tailed).

Table 53

Table 54: Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Positive Misses

Table 54

Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Positive Misses

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Subnetwork Modularity for Positive Misses in the Theta Frequency Band	1.00							
2.Emotion Network Subnetwork Modularity for Positive Misses in the Alpha Frequency Band	0.20*	1.00						
3.Emotion Network Subnetwork Modularity for Positive Mines in the Beta Frequency Band	0.35**	0.46**	1.00					
4.Emotion Network Subnetwork Modularity for Positive lines in the Gamma Frequency Band	0.42**	0.40**	0.29**	1.00				
5.Semantic Memory Network Subnetwork Modularity for Positive Misses in the Theta Frequency Band	-0.18*	-0.12	-0.06	0.00	1.00			
6.Semantic Memory Network Subnetwork Modularity for Positive Misses in the Alpha Frequency Band	-0.11	-0.02	-0.13	-0.09	0.09	1.00		
7.Semantic Memory Network Subnetwork Modularity for Positive Misses in the Beta Frequency Band	0.12	0.14	0.02	0.06	0.14	0.20*	1.00	
S. Semantic Memory Network Subnetwork Modularity for Positive Misses in the Gamma Frequency Band	-0.01	0.00	-0.04	0.11	0.16	0.34**	0.08	1.00

Note.

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Table 54

Table 55: Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Negative Misses

Table 55

Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Negative Misses

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Select Network Modularity for Negative Misses in the Theta Frequency Band	1.00							
2.Emotion Network Select Network Modularity for Negative Misses in the Alpha Frequency Band	0.15	1.00						
3.Emotion Network Select Network Modularity for Negative Misses in the Beta Frequency Band	0.23**	0.40**	1.00					
4.Emotion Network Select Network Modularity for Negative Misses in the Gamma Frequency Band	0.33**	0.33**	0.22**	1.00				
5.Semantic Memory Network Select Network Modularity for Negative Misses in the Theta Frequency Band	-0.03	0.00	0.11	-0.01	1.00			
6.Semantic Memory Network Select Network Modularity for Negative Misses in the Alpha Frequency Band	-0.03	0.08	0.00	0.05	0.12	1.00		
7.Semantic Memory Network Select Network Modularity for Negative Misses in the Beta Frequency Band	0.06	0.07	0.09	0.01	0.25**	0.27**	1.00	
8.Semantic Memory Network Select Network Modularity for Negative Misses in the Gamma Frequency Band	-0.09	-0.05	-0.02	0.09	0.20*	0.28**	0.12	1.00

Note.

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Table 55

Table 56: Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Negative Misses

Table 56

Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Nentive Misses

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Subnetwork Modularity for Negative Mines in the Theta Frequency Band	1.00							
2.Emotion Network Subnetwork Modularity for Negative Mines in the Alpha Frequency Band	0.23**	1.00						
3.Emotion Network Subnetwork Modularity for Negative Mines in the Beta Frequency Band	0.24**	0.52**	1.00					
4.Emotion Network Subnetwork Modularity for Negative Misses in the Gamma Frequency Band	0.49**	0.48**	0.32**	1.00				
5.Semantic Memory Network Subnetwork Modularity for Negative Misses in the Theta Frequency Band	-0.09	-0.06	-0.06	-0.08	1.00			
6.Semantic Memory Network Subnetwork Modularity for Negative Mines in the Alpha Frequency Band	-0.15	0.09	0.05	0.01	-0.03	1.00		
7.Semantic Memory Network Subnetwork Modularity for Negative Nlisses in the Beta Frequency Band	0.02	-0.04	-0.04	0.07	0.08	0.26**	1.00	
8.Semantic Memory Network Subnetwork Modularity for Negative Nlisses in the Gamma Frequency Band	-0.21**	0.05	-0.03	-0.03	0.11	0.39**	0.07	1.00

Note.

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Table 56

Table 57: Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Positive Hits

Table 57

Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Positive Hits

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Select Network Modularity for Positive Hits in the Theta Frequency Band	1.00							
2.Emotion Network Select Network Modularity for Positive Hits in the Alpha Frequency Band	0.14	1.00						
3.Emotion Network Select Network Modularity for Positive Hits in the Beta Frequency Band	0.13	0.26**	1.00					
4.Emotion Network Select Network Modularity for Positive Hits in the Gamma Frequency Band	0.33**	0.30**	0.19*	1.00				
5.Semantic Memory Network Select Network Modularity for Positive Hits in the Theta Frequency Band	-0.05	-0.05	-0.10	-0.10	1.00			
6.Semantic Memory Network Select Network Modularity for Positive Hits in the Alpha Frequency Band	0.16	0.08	-0.19*	-0.04	0.15	1.00		
7.Semantic Memory Network Select Network Modularity for Positive Hits in the Beta Frequency Band	-0.01	-0.10	0.01	-0.13	0.18	0.16	1.00	
8.Semantic Memory Network Select Network Modularity for Positive Hits in the Gamma Frequency Band	0.13	-0.02	-0.08	0.06	0.26**	0.42**	0.08	1.00

Note.
**. Correlation is significant at the 0.01 level (2-tailed).
*. Correlation is significant at the 0.05 level (2-tailed).

Table 57

Table 58: Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Positive Hits

Table 58

Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Positive Hits

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Subnetwork Modularity for Positive Hits in the Theta Frequency Band	1.00							
2.Emotion Network Subnetwork Modularity for Positive Hits in the Alpha Frequency Band	0.32**	1.00						
3.Emotion Network Subnetwork Modularity for Positive Hits in the Beta Frequency Band	0.23*	0.30**	1.00					
4.Emotion Network Subnetwork Modularity for Positive Hits in the Gamma Frequency Band	0.58**	0.32**	0.20*	1.00				
5.Semantic Memory Network Subnetwork Modularity for Positive Hits in the Theta Frequency Band	0.04	0.25**	0.06	0.22*	1.00			
6.Semantic Memory Network Subnetwork Modularity for Positive Hits in the Alpha Frequency Band	0.14	-0.09	-0.01	0.09	-0.13	1.00		
7.Semantic Memory Network Subnetwork Modularity for Positive Hits in the Beta Frequency Band	-0.02	0.04	0.15	0.04	-0.02	0.10	1.00	
8.Semantic Memory Network Subnetwork Modularity for Positive Hits in the Gamma Frequency Band	0.04	0.08	0.06	0.03	0.14	0.10	0.19*	1.00

Note.

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Table 58

Table 59: Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Negative Hits

Table 59

Summary of Correlations between Emotion and Semantic Memory Network Select Network Modularity for Negative Hits

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Select Network Modularity for Negative Hits in the Theta Frequency Band	1.00							
2.Emotion Network Select Network Modularity for Negative Hits in the Alpha Frequency Band	0.13	1.00						
3.Emotion Network Select Network Modularity for Negative Hits in the Beta Frequency Band	0.14	0.08	1.00					
4.Emotion Network Select Network Modularity for Negative Hits in the Gamma Frequency Band	0.41**	0.21*	0.12	1.00				
5.Semantic Memory Network Select Network Modularity for Negative Hits in the Theta Frequency Band	0.11	-0.06	-0.04	0.04	1.00			
6.Semantic Memory Network Select Network Modularity for Negative Hits in the Alpha Frequency Band	-0.20*	-0.08	0.03	0.01	0.20*	1.00		
7.Semantic Memory Network Select Network Modularity for Negative Hits in the Beta Frequency Band	0.00	-0.10	0.14	0.13	0.03	0.05	1.00	
8.Semantic Memory Network Select Network Modularity for Negative Hits in the Gamma Frequency Band	0.03	-0.06	0.02	-0.02	0.39**	0.28**	-0.02	1.00

Note.

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Table 59

Table 60: Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Negative Hits

Table 60

Summary of Correlations between Emotion and Semantic Memory Network Subnetwork Modularity for Negative Hits

Measure	1	2	3	4	5	6	7	8
1.Emotion Network Subnetwork Modularity for Negative Hits in the Theta Frequency Band	1.00							
2.Emotion Network Subnetwork Modularity for Negative Hits in the Alpha Frequency Band	-0.02	1.00						
3.Emotion Network Subnetwork Modularity for Negative Hits in the Beta Frequency Band	033**	0.32**	1.00					
4.Emotion Network Subnetwork Modularity for Negative Hits in the Gamma Frequency Band	0.5**	0.23*	0.31**	1.00				
5.Semantic Memory Network Subnetwork Modularity for Negative Hits in the Theta Frequency Band	-0.06	0.09	0.01	0.01	1.00			
6.Semantic Memory Network Subnetwork Modularity for Negative Hits in the Alpha Frequency Band	0.10	0.19*	0.06	0.14	0.02	1.00		
7.Semantic Memory Network Subnetwork Modularity for Negative Hits in the Beta Frequency Band	-0.08	0.10	0.09	-0.07	0.06	0.31**	1.00	
8. Semantic Memory Network Subnetwork Modularity for Negative Hits in the Gamma Frequency Band	-0.06	0.05	0.04	0.06	0.22**	0.18*	-0.09	1.00

Note.
**. Correlation is significant at the 0.01 level (2-tailed).
*. Correlation is significant at the 0.05 level (2-tailed).

Table 60

Table. 61 Descriptive Statistics for the Math Feedback task as a function of Problem Type.

Table 61

Descriptive Statistics for all Behavioral Variables of Interest in the Study

Variable	Condition	Gender	Mean	SD	N
		female	47.35	0.18	49
Score on Easy Problems	DMT	male	62.58	0.21	37
		total	53.47	0.20	86
		female	55.68	0.17	38
	PST	male	66.88	0.19	36
		total	61.13	0.19	74
		female	50.99	0.18	87
	Total	male	64.19	0.20	73
		total	57.01	0.20	160
		female	41.90	0.10	49
Score on Medium Problems	DMT	male	47.44	0.16	37
		total	44.28	0.13	86
		female	43.55	0.13	38
	PST	male	50.78	0.13	36
		total	47.07	0.13	74
		female	43.62	0.12	87
	Total	male	49.09	0.14	73
		total	45.57	0.13	160
		female	41.69	0.29	49
	DMT	male	36.43	0.28	37
Score on Hard Problems		total	39.43	0.29	86
		female	29.10	0.24	38
	PST	male	35.89	0.24	36
		total	32.40	0.24	74
		female	36.19	0.28	87
	Total	male	36.17	0.26	73
		total	36.18	0.27	160
Number of Easy Problems		female	32.08	11.64	49
Attempted	DMT	male	31.11	13.93	37
		total	31.66	12.61	86
		female	36.18	11.43	38
	PST	male	29.94	9.82	36
		total	33.15	11.06	74
		female	33.49	11.66	87
	Total	male	30.53	12.01	73
		total	32.35	11.90	160
Number of Medium		female	35.49	7.27	49
Problems Attempted	DMT	male	41.16	8.01	37
		total	37.93	8.06	86
		female	38.37	7.38	38
	PST	male	40.17	7.87	36
		total	39.24	7.62	74
		female	36.75	7.41	87
	Total	male	40.67	7.90	73
		total	38.54	7.86	160
Number of Hard Problems		female	10.90	4.11	49
Attempted	DMT	male	13.00	3.89	37
		total	11.80	4.13	86
		female	12.82	4.40	38
	PST	male	14.94	4.33	36
		total	13.85	4.47	74
		female	11.74	4.33	87
	Total	male	13.96	4.20	73
		total	12.75	4.40	160

Table 61