Supplement

Tables S1: Results after Z-scoring time estimates. Z-Scoring did not change the statistical results.

Table S1.1: Results across both groups after Z-scoring.

	F	Num df	Den df	p
Agency	1.848	1	9616.0	0.174
Stimulus	759.781	1	9616.0	<.001
Interval	1199.380	2	9616.0	<.001
Diagnosis	3.849	1	79.0	0.053
Agency ✳ Stimulus	31.735	1	9616.0	<.001
Agency ✳ Interval	16.662	2	9616.0	<.001
Stimulus ✳ Interval	38.901	2	9616.0	<.001
Agency ✳ Diagnosis	55.724	1	9616.0	<.001
Stimulus ✳ Diagnosis	6.045	1	9616.0	0.014
Interval ✳ Diagnosis	0.102	2	9616.0	0.903
Agency ✳ Stimulus ✳ Interval	6.693	2	9616.0	0.001
Agency ✳ Stimulus ✳ Diagnosis	4.075	1	9616.0	0.044
Agency ✳ Interval ✳ Diagnosis	0.159	2	9616.0	0.853
Stimulus ✳ Interval ✳ Diagnosis	0.622	2	9616.0	0.537
Agency ✳ Stimulus ✳ Interval ✳ Diagnosis	0.210	2	9616.0	0.810

Note. Satterthwaite method for degrees of freedom

Table S1.2: Results for the CG group after Z-scoring.

	F	Num df	Den df	p
Agency	21.85	1	4987	<.001
Stimulus	527.62	1	4987	<.001
Interval	714.28	2	4987	<.001
Agency ✳ Stimulus	34.28	1	4987	<.001
Agency ✳ Interval	11.70	2	4987	<.001
Stimulus ✳ Interval	26.57	2	4987	<.001
Agency ✳ Stimulus ✳ Interval	3.81	2	4987	0.022

Note. Satterthwaite method for degrees of freedom

Table S1.3: Results for comparisons of visual stimuli between groups after Z-scoring.

	F	Num df	Den df	p
Agency	28.947	1	4769.0	<.001
Interval	499.269	2	4769.0	<.001
Diagnosis	5.318	1	79.0	0.024
Agency ✳ Interval	3.209	2	4769.0	0.040
Agency ✳ Diagnosis	17.563	1	4769.0	<.001
Interval ✳ Diagnosis	0.133	2	4769.0	0.875
Agency ✳ Interval ✳ Diagnosis	0.397	2	4769.0	0.673

Note. Satterthwaite method for degrees of freedom

Table S1.4: Results for comparisons of auditory stimuli between groups after Z-scoring.

	F	Num df	Den df	p
Agency	8.6752	1	4768.0	0.003
Interval	775.8995	2	4768.0	<.001
Diagnosis	2.2780	1	79.0	0.135
Agency ✳ Interval	19.6142	2	4768.0	<.001
Agency ✳ Diagnosis	42.7314	1	4768.0	<.001
Interval ✳ Diagnosis	0.5810	2	4768.0	0.559
Agency ✳ Interval ✳ Diagnosis	0.0331	2	4768.0	0.967

Note. Satterthwaite method for degrees of freedom

Tables S2: Results for comparisons between questionnaire scores and SoAS sub scales (positive and negative SoA)

Tables S2.1: Results from linear regression model between positive SoA and BDI.

Linear Regression

Model Fit Measures

Model	R	R²
1	0.535	0.286

Model Coefficients - SoAS-positive

Predictor	Estimate	SE	t	p
Intercept	35.120	0.9586	36.64	<.001
BDI	−0.282	0.0505	−5.59	<.001

Tables S2.2: Results from linear regression model between negative SoA and BDI.

Linear Regression

Model Fit Measures

Model	R	R²
1	0.515	0.265

Model Coefficients - SoAS-negative

Predictor	Estimate	SE	t	p
Intercept	11.231	1.0102	11.12	<.001
BDI	0.282	0.0532	5.31	<.001

Tables S2.3: Results from linear regression model between positive SoA and GSE.

Linear Regression

Model Fit Measures

Model	R	R^2
1	0.652	0.425

Model Coefficients - SoAS-positive

Predictor	Estimate	SE	t	p
Intercept	16.035	2.0849	7.69	<.001
GSE	0.578	0.0761	7.59	<.001

Tables S2.4: Results from linear regression model between negative SoA and GSE.

Linear Regression

Model Fit Measures

Model	R	R^2
1	0.546	0.298

Model Coefficients - SoAS-negative

Predictor	Estimate	SE	t	p
Intercept	28.346	2.3915	11.85	<.001
GSE	−0.503	0.0873	−5.76	<.001

Tables S2.5: Results from linear regression model between positive SoA and BDI for the MDD group.

Linear Regression

Model Fit Measures

Model	R	R²
1	0.372	0.139

Model Coefficients - SoAS-positive

Predictor	Estimate	SE	t	p
Intercept	33.876	2.5868	13.10	<.001
BDI	−0.236	0.0966	−2.44	0.020

Tables S2.6: Results from linear regression model between negative SoA and BDI for the MDD group.

Linear Regression

Model Fit Measures

Model	R	R²
1	0.340	0.115

Model Coefficients - SoAS-negative

Predictor	Estimate	SE	t	p
Intercept	12.598	2.856	4.41	<.001
BDI	0.234	0.107	2.20	0.034

Tables S2.7: Results from linear regression model between positive SoA and GSE for the MDD group.

Linear Regression

Model Fit Measures

Model	R	R²
1	0.572	0.328

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Model Coefficients – SoAS–positive

Predictor	Estimate	SE	t	p
Intercept	14.456	3.356	4.31	<.001
GSE	0.677	0.159	4.25	<.001

Tables S2.7: Results from linear regression model between negative SoA and GSE for the MDD group.

Linear Regression

Model Fit Measures

Model	R	R²
1	0.331	0.110

Model Coefficients – SoAS–negative

Predictor	Estimate	SE	t	p
Intercept	26.930	4.206	6.40	<.001
GSE	−0.427	0.200	−2.14	0.039