Results

Linear Regression

Model Fit Measures

				Overall Model Test			
Model	**R**	**R^2**	**Adjusted R^2**	**F**	**df1**	**df2**	**p**
1	0.443	0.196	0.188	24.3	3	299	< .001
2	0.518	0.269	0.259	27.4	4	298	< .001
3	0.552	0.304	0.293	26.0	5	297	< .001
4	0.761	0.580	0.571	68.0	6	296	< .001

Model Comparisons

Comparison							
Model		**Model**	**ΔR^2**	**F**	**df1**	**df2**	**p**
1	-	2	0.0726	29.6	1	298	< .001
2	-	3	0.0357	15.2	1	297	< .001
3	-	4	0.2753	193.9	1	296	< .001

Model Specific ResultsModel 1Model 2Model 3Model 4

Model Coefficients - BES

						95% Confidence Interval	
Predictor	**Estimate**	**SE**	**t**	**p**	**Stand. Estimate**	**Lower**	**Upper**
Intercept [a]	-5.558	3.0452	-1.825	0.069			
Sex:							
2 – 1	4.040	1.6309	2.477	0.014	0.3746	0.0770	0.672
BMI	0.680	0.0863	7.883	< .001	0.4322	0.3243	0.540
Psych cat:							
1 – 0	0.415	1.2005	0.346	0.730	0.0385	-0.1806	0.258

Note. Weighted by 'Age'

[a] Represents reference level

Model Coefficients - BES

						95% Confidence Interval	
Predictor	**Estimate**	**SE**	**t**	**p**	**Stand. Estimate**	**Lower**	**Upper**
Intercept [a]	-10.706	3.0595	-3.499	< .001			
Sex:							
2 – 1	3.857	1.5585	2.475	0.014	0.3577	0.0732	0.642
BMI	0.629	0.0830	7.574	< .001	0.3993	0.2956	0.503
Psych cat:							
1 – 0	0.934	1.1509	0.811	0.418	0.0866	-0.1234	0.297
MADRS	0.290	0.0533	5.438	< .001	0.2732	0.1743	0.372

Note. Weighted by 'Age'

[a] Represents reference level

Model Coefficients - BES

						95% Confidence Interval	
Predictor	**Estimate**	**SE**	**t**	**p**	**Stand. Estimate**	**Lower**	**Upper**
Intercept [a]	-13.238	3.0584	-4.328	< .001			
Sex:							
2 – 1	3.931	1.5227	2.582	0.010	0.3646	0.0867	0.642
BMI	0.613	0.0812	7.553	< .001	0.3895	0.2880	0.491
Psych cat:							
1 – 0	0.787	1.1250	0.700	0.485	0.0730	-0.1323	0.278
MADRS	0.144	0.0641	2.239	0.026	0.1353	0.0164	0.254
GAD-7	0.489	0.1253	3.905	< .001	0.2366	0.1174	0.356

Note. Weighted by 'Age'

[a] Represents reference level

Model Coefficients - BES

						95% Confidence Interval	
Predictor	**Estimate**	**SE**	**t**	**p**	**Stand. Estimate**	**Lower**	**Upper**
Intercept [a]	-5.8211	2.4403	-2.385	0.018			
Sex:							
2 – 1	2.9072	1.1879	2.447	0.015	0.2696	0.05280	0.486
BMI	0.3350	0.0663	5.053	< .001	0.2128	0.12991	0.296
Psych cat:							
1 – 0	0.8008	0.8759	0.914	0.361	0.0743	-0.08560	0.234
MADRS	0.0703	0.0502	1.400	0.163	0.0663	-0.02688	0.159
GAD-7	0.2001	0.0997	2.006	0.046	0.0968	0.00185	0.192
mYFAS continuous scoring	2.0657	0.1484	13.923	< .001	0.6014	0.51639	0.686

Note. Weighted by 'Age'

[a] Represents reference level

References

[1] The jamovi project (2024). *jamovi*. (Version 2.5) [Computer Software]. Retrieved from https://www.jamovi.org.

[2] R Core Team (2023). *R: A Language and environment for statistical computing*. (Version 4.3) [Computer software]. Retrieved from https://cran.r-project.org. (R packages retrieved from CRAN snapshot 2024-01-09).