

## Results

### Binomial Logistic Regression

Model Fit Measures

Model	Deviance	AIC	R <sup>2</sup> <sub>MCF</sub>
1	484	492	0.0325
2	438	456	0.1249

Model Comparisons

Comparison				
Model	Model	$\chi^2$	df	p
1	- 2	46.2	5	< .001

### Model Specific Results Model 1 Model 2

Model Coefficients - PRIMARY OUTCOME

Predictor	Estimate	SE	Z	p	Odds ratio	95% Confidence Interval	
						Lower	Upper
Intercept	-1.5198	0.241	6.309	< .001	0.219	0.136	0.351
Treatment / Placebo:							
treatment – Placebo	-0.0441	0.354	0.125	0.901	0.957	0.478	1.914
Above or below 800:							
Above – Below	1.0090	0.306	3.298	< .001	2.743	1.506	4.996
Above or below 800 * treatment / Placebo:							
(Above – Below) * (treatment – Placebo)	-0.6921	0.461	1.502	0.133	0.501	0.203	1.235

Note. Estimates represent the log odds of "PRIMARY OUTCOME = No" vs. "PRIMARY OUTCOME = Yes"

Model Coefficients - PRIMARY OUTCOME

Predictor	Estimate	SE	Z	p	Odds ratio	95% Confidence Interval	
						Lower	Upper
Intercept	-4.1387	0.68674	6.027	< .001	0.0159	0.00415	0.0613
treatment / Placebo:							
Treatment – Placebo	-0.0791	0.37799	0.209	0.834	0.9239	0.44046	1.9381
Above or below 800:							
Above – Below	1.0148	0.32765	3.097	0.002	2.7587	1.45148	5.2432
Above or below 800 * Treatment / Placebo:							
(Above – Below) * (Treatment – Placebo)	-0.8827	0.49017	1.801	0.072	0.4137	0.15827	1.0811
Illness severity SCORE	0.0767	0.02000	3.838	< .001	1.0798	1.03826	1.1229
oxygen	-0.0264	0.01724	1.532	0.126	0.9739	0.94156	1.0074
Age	0.0227	0.00794	2.866	0.004	1.0230	1.00722	1.0390
Receiving medication:							
Yes – No	0.5754	0.28216	2.039	0.041	1.7778	1.02263	3.0908
Illness or No illness:							
Illness – No illness	-0.1191	0.28904	0.412	0.680	0.8877	0.50380	1.5643

Note. Estimates represent the log odds of "PRIMARY OUTCOME = No" vs. "PRIMARY OUTCOME = Yes"

## References

- [1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.
- [2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).