

## Supplemental Appendix

**Table e1. Multiple Linear Regressions of GAS-D scores and Changes From Baseline at Weeks 12 and 24 on Baseline Characteristics**

Baseline Characteristics	GAS-D score, $\beta$	95% CI	Changes from baseline in GAS-D score, $\beta$	95% CI
<b>Week 12 (n=106)</b>				
Age (per year)	-0.08	-0.38, 0.21	-0.08	-0.38, 0.22
Female vs male (Ref)	-2.54	-8.55, 3.46	-2.63	-8.66, 3.41
History of MDD				
Duration of current episode (per month)	0.06	-0.06, 0.18	0.06	-0.06, 0.19
Years since first MDD (per year)	0.03	-0.56, 0.63	0.04	-0.56, 0.63
Number of MDE (per episode)	0.60	-1.96, 3.15	0.59	-1.98, 3.15
Any suicidal attempts; yes vs no (Ref)	5.85	-6.68, 18.38	6.15	-6.43, 18.73
Antidepressant prescribed before vortioxetine; yes vs no (Ref)	-5.42	-11.40, 0.57	-5.39	-11.40, 0.63
MADRS total score (per SD)	1.00	-2.15, 4.14	1.04	-2.11, 4.20
<b>Week 24 (n=99)</b>				
Age (per year)	-0.30	-0.67, 0.06	-0.30	-0.66, 0.07
Female vs male (Ref)	-2.17	-9.40, 5.06	-2.21	-9.46, 5.04
History of MDD				
Duration of current episode (per month)	0.03	-0.12, 0.19	0.03	-0.12, 0.19
Years since first MDD (per year)	-0.19	-0.88, 0.51	-0.19	-0.88, 0.51
Number of MDE (per episode)	1.34	-1.68, 4.35	1.35	-1.68, 4.37
Any suicidal attempts; yes vs no (Ref)	0.61	-13.85, 15.06	0.89	-13.61, 15.40
Antidepressant prescribed before vortioxetine; yes vs no (Ref)	-5.85	-13.18, 1.48	-5.88	-13.23, 1.48
MADRS total score (per SD)	-1.23	-5.03, 2.58	-1.19	-5.00, 2.63

$\beta$ , coefficient; GAS-D, Goal Attainment Scale adapted for depression; MADRS, Montgomery-Åsberg Depression Rating Scale; MDD, major depressive disorder; MDE, major depressive episode; n, total number of patients. MADRS total score is standardized with a mean of 0 and a SD of 1.