Table 3. Effect of current substance use disorders on likelihood of recovery and time to recovery after adjusting for clinical covariates

Covariates	***b***	**Wald**	**OR**	***p***	**95% CI**
Current alcohol use disorder (AUD) model					
Logistic regression: Predicting Recovery					
Prediction for current AUD	.81	3.92	2.24	**.05**	1.01- 4.97
Prediction for current AUD evaluated in the context of each of the following covariates					
Cumulative medical burden (n = 243)	.92	4.55	2.50	**.03**	1.08 – 5.80
Comorbid anxiety (n = 267)	.81	3.91	2.25	**.05**	1.01 – 5.01
Illness duration (n = 250)	.76	3.11	2.13	.08	.92 – 4.94
Age of bipolar disorder (BD) onset (n = 267)	.84	4.19	2.31	**.04**	1.04 – 5.16
Number of depressive episodes (n = 231)	.95	4.33	2.59	**.04**	1.06 – 6.34
Number of manic episodes (n = 233)	.79	3.26	2.21	.07	.94 – 5.23
Current depression severity (n = 265)	.89	3.22	2.43	.07	.92 – 6.40
Current mania severity (n = 265)	.64	2.23	1.89	.14	.82 – 4.37
Cox Regression: Predicting Time Until Recovery					
Prediction for current AUD	.53	6.31	1.70	**.01**	1.12 – 2.58
Prediction for current AUD evaluated in the context of each of the following covariates					
Cumulative medical burden (n = 231)	.53	5.73	1.69	**.02**	1.10 – 2.61
Comorbid anxiety (n = 255)	.53	6.15	1.70	**.01**	1.12 – 2.58
Illness duration (n = 240)	.51	5.35	1.67	**.02**	1.08 – 2.57
Age of BD onset (n = 255)	.51	5.98	1.68	**.01**	1.11 – 2.55
Number of depressive episodes (n = 220)	.65	7.94	1.91	**.01**	1.22 – 3.01
Number of manic episodes (n = 222)	.54	5.50	1.71	**.02**	1.09 – 2.68
Current depression severity (n = 254)	.37	3.04	1.45	.08	.96 – 2.19
Current mania severity (n = 253)	.31	2.09	1.37	.15	.89 – 2.09
Current drug use disorder (DUD) model					
Logistic regression: Predicting Recovery					
Prediction for current DUD	1.13	3.93	3.10	**.05**	1.01- 9.48
Prediction for current DUD evaluated in the context of each of the following covariates					

Cumulative medical burden (n = 243)	1.06	3.35	2.88	**.07**	.93 – 8.92
Comorbid anxiety (n = 267)	1.09	3.63	2.97	**.06**	.97 – 9.10
Illness duration (n = 250)	1.34	4.39	3.83	**.04**	1.09 -13.4
Age of bipolar disorder (BD) onset (n = 267)	1.14	3.99	3.13	**.05**	1.02 – 9.62
Number of depressive episodes (n = 231)	.86	2.18	2.37	**.**14	.75 – 7.45
Number of manic episodes (n = 233)	.90	2.39	2.46	.12	.79 – 7.68
Current depression severity (n = 265)	1.02	2.12	2.77	.15	.70- 10.94
Current mania severity (n = 265)	.98	2.45	2.67	.12	.78 – 9.14
Cox Regression: Predicting Time Until Recovery					
Prediction for current DUD	.59	5.26	1.81	**.02**	1.09-2.99
Prediction for current DUD evaluated in the context of each of the following covariates					
Cumulative medical burden (n = 231)	.50	3.34	1.64	**.07**	.97 – 2.79
Comorbid anxiety (n = 255)	.58	5.00	1.78	**.03**	1.07 – 2.95
Illness duration (n = 240)	.59	5.11	1.80	**.02**	1.08 – 2.99
Age of BD onset (n = 255)	.58	5.02	1.78	**.03**	1.08 – 2.95
Number of depressive episodes (n = 220)	.42	2.14	1.51	.14	.87 –2.64
Number of manic episodes (n = 222)	.37	1.83	1.45	.18	.85 -2.48
Current depression severity (n = 254)	.09	.11	1.09	.74	.65 – 1.85
Current mania severity (n = 253)	.38	2.08	1.47	.15	.87 – 2.48
Current substance use disorder (SUD) model					
Logistic regression: Predicting Recovery					
Prediction for current SUD	.81	5.03	2.25	**.03**	1.11 –4.55
Prediction for current SUD evaluated in the context of each of the following covariates					

Cumulative medical burden (n = 243)	.89	5.57	2.43	**.02**	1.16 – 5.10
Comorbid anxiety (n = 267)	.78	4.67	2.19	**.03**	1.08 – 4.44
Illness duration (n = 250)	.85	4.84	2.35	**.03**	1.10 – 5.02
Age of bipolar disorder (BD) onset (n = 267)	.84	5.29	2.31	**.02**	1.13 – 4.71
Number of depressive episodes (n = 231)	.80	4.09	2.23	**.04**	1.03 – 4.83
Number of hypomanic/manic episodes (n = 233)	.68	3.05	1.96	.08	.92 – 4.19
Current depression severity (n = 265)	.77	2.88	2.15	.09	.88 – 5.20
Current mania severity (n = 265)	.64	2.70	1.89	. 10	.88 – 4.03
Cox Regression: Predicting Time Until Recovery					
Prediction for current SUD	.54	7.70	1.71	**.01**	1.17 – 2.49
Prediction for current SUD evaluated in the context of each of the following covariates					
Cumulative medical burden (n = 231)	.53	7.01	1.70	**.01**	1.15 – 2.52
Comorbid anxiety (n = 255)	.52	7.34	1.69	**.01**	1.16 – 2.46
Illness duration (n = 240)	.53	7.13	1.70	**.01**	1.15 – 2.52
Age of BD onset (n = 255)	.52	7.22	1.68	**.01**	1.15 – 2.45
Number of depressive episodes (n = 220)	.52	6.22	1.68	**.01**	1.12 – 2.53
Number of manic episodes (n = 222)	.41	3.98	1.51	**.05**	1.01 – 2.27
Current depression severity (n = 254)	.17	.77	1.19	.38	.81 – 1.74
Current mania severity (n = 253)	.32	2.60	1.38	.11	.93 – 2.03

Table 4. Moderator Analyses Evaluating Role of SUDs on Likelihood of Recovery and Time Until Recovery in Intensive Psychotherapy Versus Collaborative Care

	b	Wald	OR	*p*	95% CI
Past Alcohol Use Disorder (AUD)					
Logistic Regression: Predicting Recovery					
Treatment Group[a] x Past AUD	.07	.02	1.07	.90	.40–2.88
Cox Regression: Predicting Time Until Recovery					
Treatment Group[a] x Past AUD	-.09	.08	.92	.79	.49 –1.73
Current AUD					
Logistic Regression: Predicting Recovery					
Treatment Group[a] x Current AUD	.09	.013	1.10	.91	.22 –5.49
Cox Regression: Predicting Time Until Recovery					
Treatment Group[a] x Current AUD	-.07	.03	.93	.87	.40 –2.17
Past Drug Use Disorder (DUD)					
Logistic Regression: Predicting Recovery					
Treatment Group[a] x Current DUD	.40	.54	1.49	.46	.52 –4.25
Cox Regression: Predicting Time Until Recovery					
Treatment Group[a] x Current DUD	.32	.84	1.38	.36	.70 –2.73
Current DUD					
Logistic Regression: Predicting Recovery					
Treatment Group[a] x Current DUD	1.25	.95	3.50	.33	.28 –43.7
Cox Regression: Predicting Time Until Recovery					
Treatment Group[a] x Current DUD	.46	.73	1.58	.39	.55 –4.53
Past Substance Use Disorder (SUD)[b]					
Logistic Regression: Predicting Recovery					
Treatment Group[a] x Past SUD[b]	.22	.20	1.25	.66	.47 –3.36
Cox Regression: Predicting Time Until Recovery					
Treatment Group[a] x Past SUD[b]	-.06	.03	.94	.85	.50–1.78
Current SUD[b]					
Logistic Regression: Predicting Recovery					
Treatment Group[a] x Current SUD[b]	.26	.13	1.30	.72	.31 –5.46
Cox Regression: Predicting Time Until Recovery					
Treatment Group[a] x Current SUD[b]	-.03	.005	.97	.94	.45 –2.09

*Logistic regression analyses include 270 participants and Cox regression analyses include 258 participants. Fewer cases are included in the Cox analyses due to "censored cases before the earliest event in a stratum"
[a]Treatment Group = intensive psychotherapy (1) vs. collaborative care (0)
[b]SUD includes AUD and DUD