Supplemental material

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Analysis of summary TOPS Scores

For psychological health (Figure S1a), physical health (Figure S1b) and QoL (Figure S1c) there were significantly greater health/QoL reports if people were prescribed LAIB (vs other MOUD): $t(382.77) = 3.00$ p < .001, d = .30), $t(385) = 4.41$, p < .001, d = .44) and $t(383) = 2.60$, p < .001, d = .26) respectively.

Supplemental Figure 1: Psychological health (S1a), physical health (S1b) and Quality of Life (S1c) in LAIB *vs. compared to oral MOUD.*

In adjusted models the variables explained approximately 7% (Adjusted $R^2 = 0.07$) of variance in psychological health. LAIB was a significant positive predictor (B = .081 [95% CI: 0.16 to 1.46], p = .015), as was regular employment (B = 1.21 [95% CI: 0.42 to 2.01], p = .003), and being male (B = 1.23 [95% CI: 0.49 to 1.97], p = .001). Approximately 12% of variance was explained in physical health (Adjusted $R^2 = 0.12$). LAIB was a significant positive predictor (B = 0.85 [95% CI: 0.21 to 1.49], p = .009), as was regular employment (B = 1.33 [95 CI: 0.54 to 2.12], p = .001) and being male (B = 1.09 [95% CI: 0.36 to 1.82], p = .004). Age was a negative predictor of physical health (B = -0.06 [95% CI: -0.09 to -0.02], p = .001). Approximately 11% of variance was explained in QoL (Adjusted $R^2 = .11$). LAIB was a significant positive predictor (B = 0.77 [95% CI: 0.13 to 1.42], p = .019), as was regular employment (B = 1.80 [95% CI: 1.01 to 2.59], p < .001), being male (B = 1.04 [95% CI: 0.31 to 1.77], p = .006) and age of first substance use (B = 0.05 [95% CI: 0.01 to 0.08], p = .025). The number of episodes was a negative predictor of QoL (B = -0.35 [95% CI: -0.04 to -0.65], p = .027).

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Supplemental Table 1

Predictors	Psychological Health			Physical Health			Quality of Life		
	Estimates	CI	p	Estimates	CI	p	Estimates	CI	p
LAIB [Yes]	0.81	0.16 – 1.46	**0.015**	0.85	0.21 – 1.49	**0.009**	0.77	0.13 – 1.42	**0.019**
Age	0.00	-0.03 – 0.04	0.791	-0.06	-0.09 – -0.02	**0.001**	-0.00	-0.04 – 0.03	0.947
Employment [Regular Employment]	1.21	0.42 – 2.01	**0.003**	1.33	0.54 – 2.12	**0.001**	1.80	1.01 – 2.59	**<0.001**
Ethnicity [white]	-0.58	-1.37 – 0.21	0.149	-0.53	-1.31 – 0.24	0.178	-0.38	-1.15 – 0.40	0.344
Age of first substance	0.03	-0.01 – 0.07	0.168	0.03	-0.01 – 0.07	0.136	0.05	0.01 – 0.08	**0.025**
Number of episodes	-0.23	-0.54 – 0.08	0.147	-0.23	-0.54 – 0.07	0.132	-0.35	-0.65 – -0.04	**0.027**
Gender [Male]	1.23	0.49 – 1.97	**0.001**	1.09	0.36 – 1.82	**0.004**	1.04	0.31 – 1.77	**0.006**
IMD	-0.03	-0.16 – 0.11	0.693	-0.05	-0.18 – 0.08	0.430	-0.08	-0.21 – 0.05	0.227
R^2 / R^2 adjusted	0.102 / 0.081			0.144 / 0.124			0.131 / 0.111		