

S1 Table. ANOVA summary (intention-to-treat cohort, n=124)

| | df | F-value | p-value |
|-------------------------------|-----------|----------------|----------------|
| ARV-USER | | | |
| Between group | | | |
| <i>Order</i> ¹ | 1, 60 | 0.04 | 0.85 |
| Within group | | | |
| <i>Period</i> ² | 1, 306 | 92.8 | < 0.001* |
| <i>Time</i> ³ | 2, 306 | 37.0 | < 0.001* |
| <i>Treatment</i> ⁴ | 1, 306 | 2.4 | 0.13 |
| ARV-NAIVE | | | |
| Between group | | | |
| <i>Order</i> ¹ | 1, 60 | 0.02 | 0.89 |
| Within group | | | |
| <i>Period</i> ² | 1, 306 | 115.3 | < 0.001* |
| <i>Time</i> ³ | 2, 306 | 47.0 | < 0.001* |
| <i>Treatment</i> ⁴ | 1, 306 | 0.59 | 0.44 |
| ALL PARTICIPANTS | | | |
| Between group | | | |
| <i>Order</i> ¹ | 1, 121 | 0.03 | 0.86 |
| <i>ARV</i> ⁵ | 1, 121 | 3.61 | 0.06 |
| Within group | | | |
| <i>Period</i> ² | 1, 616 | 208.4 | < 0.001* |
| <i>Time</i> ³ | 2, 616 | 84.0 | < 0.001* |
| <i>Treatment</i> ⁴ | 1, 616 | 2.74 | 0.1 |

¹ Order of treatment; ² Period 1 vs. period 2; ³ Weeks; ⁴ Amitriptyline vs. placebo; ⁵ ARV-user vs. ARV-naïve; * Statistically significance