

**Supplementary Table S1.** Pairwise comparisons of significant interaction term (time by intervention effect) for leipopolysaccharide (LPS) leukocyte stimulated interleukin (IL)-10 concentrations. The comparisons were not significant when adjusted using the Bonferroni method.

<b>Pairwise Comparison</b>	<b>Estimate</b>	<b>Standard Error</b>	<b>Degrees of Freedom</b>	<b>Adjusted p-value</b>
Placebo (T0) vs Methadone(T0)	-14.32	23.7	63	1
Placebo (T0) vs Placebo (T1)	-5.73	23.7	63	1
Placebo (T0) vs Methadone(T1)	1.84	23.7	63	1
Placebo (T0) vs Placebo (T2)	-44.09	23.7	63	1
Placebo (T0) vs Methadone(T2)	4.22	23.7	63	1
Placebo (T0) vs Placebo (T3)	4.22	23.7	63	1
Placebo (T0) vs Methadone (T3)	4.22	23.7	63	1
Methadone (T0) vs Placebo (T1)	8.59	23.7	63	1
Methadone (T0) vs Methadone (T1)	16.16	23.7	63	1
Methadone (T0) vs Placebo (T2)	-29.77	23.7	63	1
Methadone (T0) vs Methadone (T2)	18.54	23.7	63	1
Methadone (T0) vs Placebo (T3)	18.54	23.7	63	1
Methadone (T0) vs Methadone (T3)	18.54	23.7	63	1
Placebo (T1) vs Methadone (T1)	7.57	23.7	63	1
Placebo (T1) vs Placebo (T2)	-38.36	23.7	63	1
Placebo (T1) vs Methadone (T2)	9.95	23.7	63	1

Placebo (T1) vs Placebo (T3)	9.95	23.7	63	1
Placebo (T1) vs Methadone (T3)	9.95	23.7	63	1
Methadone (T1) vs Placebo (T2)	-45.93	23.7	63	1
Methadone (T1) vs Methadone (T2)	2.38	23.7	63	1
Methadone (T1) vs Placebo (T3)	2.38	23.7	63	1
Methadone (T1) vs Methadone (T3)	2.38	23.7	63	1
Placebo (T2) vs Methadone (T2)	48.31	23.7	63	1
Placebo (T2) vs Placebo (T3)	48.31	23.7	63	1
Placebo (T2) vs Methadone (T3)	48.31	23.7	63	1
Methadone (T2) vs Placebo (T3)	0	23.7	63	1
Methadone (T2) vs Methadone (T3)	0	23.7	63	1
Placebo (T3) vs Methadone (T3)	0	23.7	63	1

Baseline (T0), 10-minute (T1), 6-hour (T2), 24-hour (T3)