



**Supplementary Figure 1.** Endogenous (A) AEA, (B) 2-AG, (C) OEA and (D) PEA concentrations at pre-screen (PS) and baseline (t=0), comparing respective cohorts (CBD|800mg, CBD|600mg, CBD|800mg + Δ<sup>9</sup>-THC|20mg, Δ<sup>9</sup>-THC|10mg, placebo) to the average of all participants (“combined”). Asterix (\*) denotes a significant variation in PS or t=0 measures (2way ANOVA, Benjamini, Krieger and Yekutieli corrected, p<0.05) for a particular cohort, compared to the combined average of that time-point measured.