



**Supplementary Figure 3.**  $\Delta^9\text{-THC}$  associations with changes to baseline ( $t=0$ ) of (A-B) AEA, (C-D) OEA and (E-F) PEA. Differences to AEA/NAEs at 65 and 165min post-administration are presented on the y-axis ( $\Delta$  pmol/mL) against  $\Delta^9\text{-THC}$  concentrations for same timepoints on the x-axis (pmol/mL) for (A, C, E)  $\Delta^9\text{-THC}|20\text{mg}$  and (B, D, F) CBD|800mg +  $\Delta^9\text{-THC}|20\text{mg}$ . Correlations were determined by Spearman analysis at a confidence interval of 95%. The coefficient of correlation ( $r$ ) and p-values are shown. List of abbreviations: CBD, cannabidiol; AEA, anandamide; OEA, oleoylethanolamide; PEA, palmitoylethanolamide.