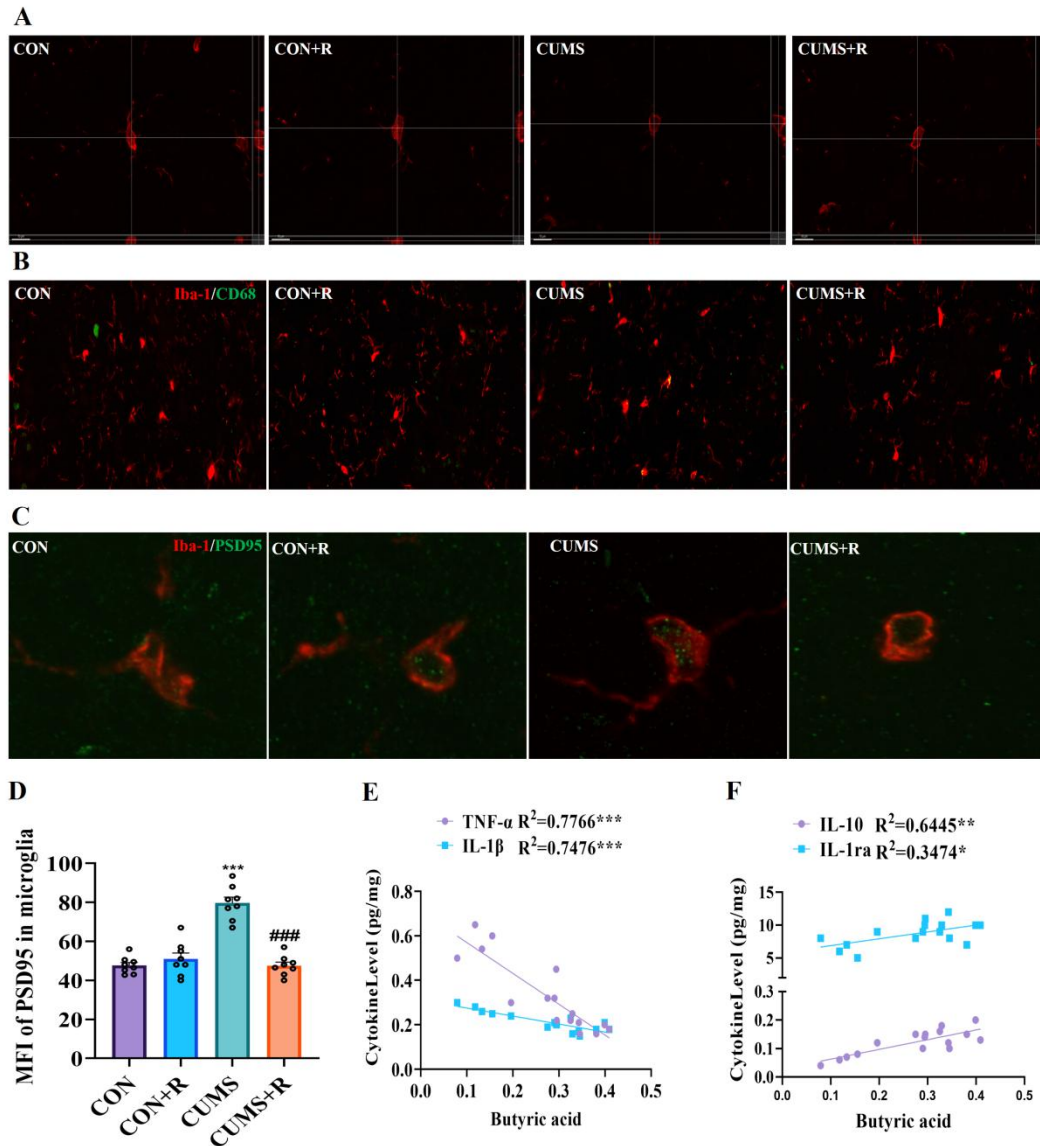




Supplemental Figure 4. The morphologic analyse and the inflammatory cytokines of microglia. (A) The soma volume of microglia. (B) Immunofluorescence for Iba-1 (red) and CD68(Green). (C) Immunofluorescence for Iba-1 (red) and PSD-95(Green). (D) The median fluorescence intensity(MFI) of PSD95 in microglia. (E) The correlation between butyric acid and TNF- α , IL-1 β . (F) The correlation between butyric acid and IL-10, IL-1ra.*P<0.05, **P<0.01, ***P<0.001 vs. the CON group; #P<0.05, ##P<0.01, ###P<0.001 vs. the CUMS group.