**Figure 1: Comparison of Trp, EAA-Trp, 5-HIAA, IAA, ILA, Kyn, KYNA, and Trp/LNAA levels in +/- and -/- genotypes**

**Panel A:** Bar graph showing Trp levels in +/- and -/- genotypes (n=9 for both). 

**Panel B:** Bar graph showing EAA-Trp levels in +/- and -/- genotypes (n=9 for both). 

**Panel C:** Bar graph showing 5-HIAA levels in +/- and -/- genotypes (n=4 for both). 

**Panel D:** Bar graph showing IAA levels in +/- and -/- genotypes (n=4 for both). 

**Panel E:** Bar graph showing ILA levels in +/- and -/- genotypes (n=4 for both). 

**Panel F:** Bar graph showing Kyn levels in +/- and -/- genotypes (n=4 for both). 

**Panel G:** Bar graph showing KYNA levels in +/- and -/- genotypes (n=4 for both). 

**Panel H:** Bar graph showing Trp/LNAA levels in +/- and -/- genotypes (n=9 for both). 

Significance levels indicated by asterisks: 
- **: p < 0.05
- **: p < 0.01