Online Resource 1 Group-level difference in brain activation to ketamine after pretreatment with the anti-psychotic risperidone. Map of between-condition non-parametric Wilcoxon signed rank test shows areas where risperidone pretreatment significantly reduced brain activation to ketamine. Cluster-level multiple comparison corrected $p < 0.05$. The voxel level $p$-value is 0.07. Slices progress from posterior (top-left) to anterior (bottom-right).