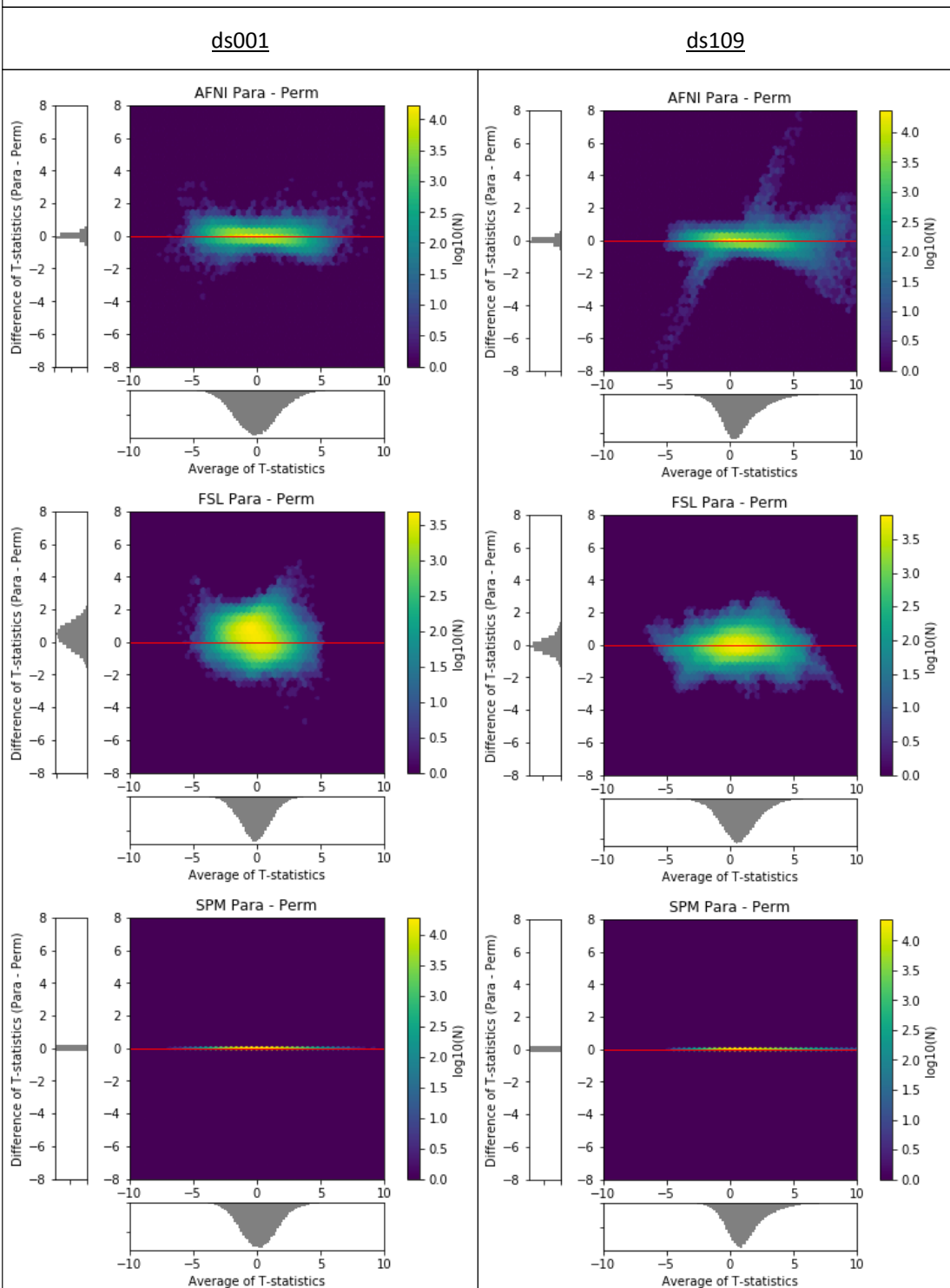


## Bland-Altman Plots: Intra-Software Comparisons



**Figure 7**

Intra-software Bland-Altman 2D histograms for the ds000001 and ds000109 studies comparing the unthresholded group-level T-statistic maps computed for parametric and nonparametric inference methods in AFNI, FSL and SPM. Each comparison here uses the same preprocessed data, varying only the second level statistical model. SPM's parametric and nonparametric both use the same (unweighted) one-sample T-test, and thus show no differences. AFNI and FSL's parametric models use iterative estimation of between subject variance and weighted least squares and thus show some differences, but still smaller than between-software comparisons. See body text for discussion of the diagonal streak in AFNI's ds000109 comparison.