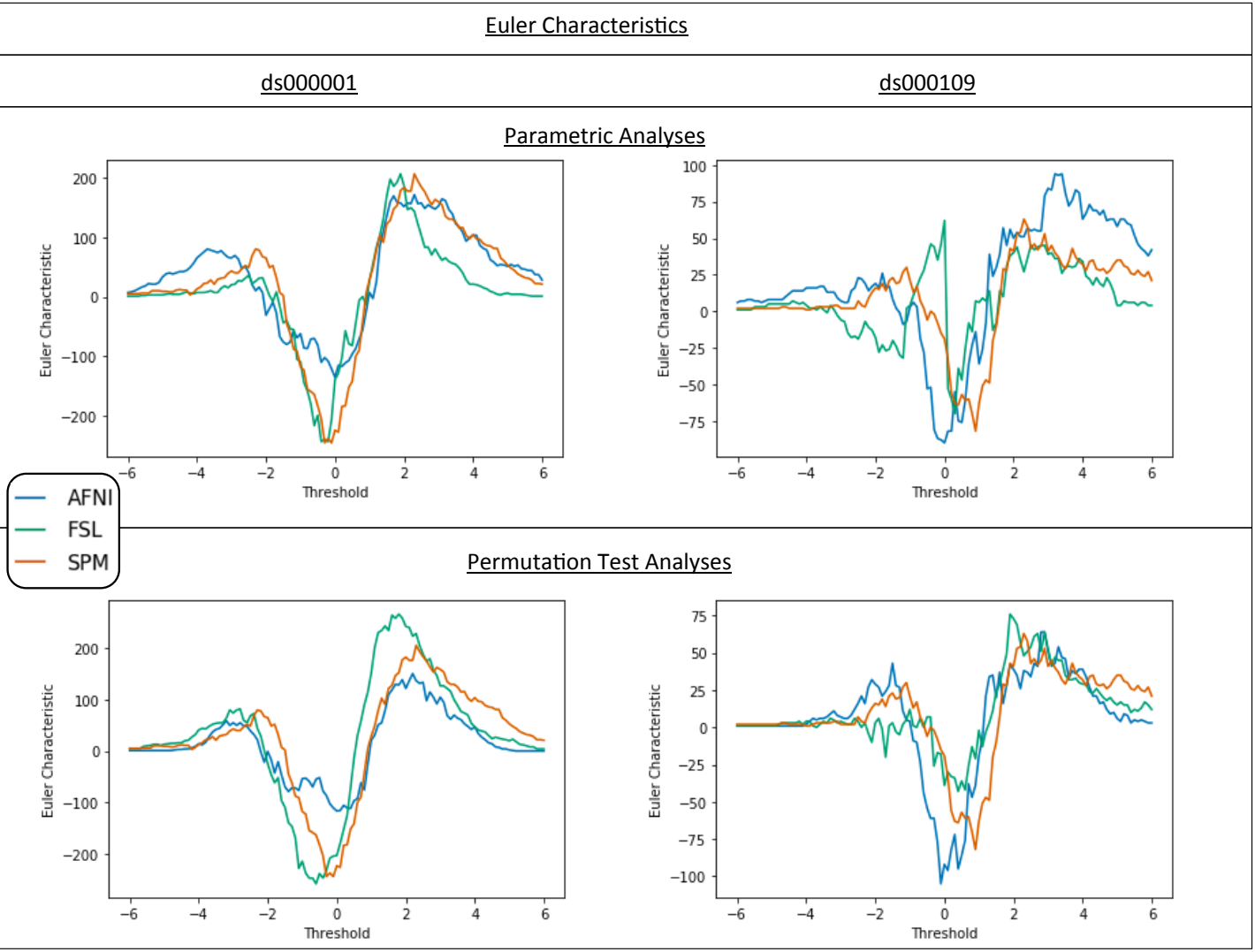

Figure 5

Euler Characteristic plots for ds000001 and ds000109. On top, comparisons of the Euler Characteristics computed after thresholding each software's T-statistic map from our replication analyses using a range of T-values between -6 and 6. Below, comparisons of the Euler Characteristics calculated using the same thresholds on the corresponding T-statistic images for permutation inference within each package. For each T-value the Euler Characteristics summarises the topology of the thresholded image, and the curves provide a signature of the structure of the entire image.