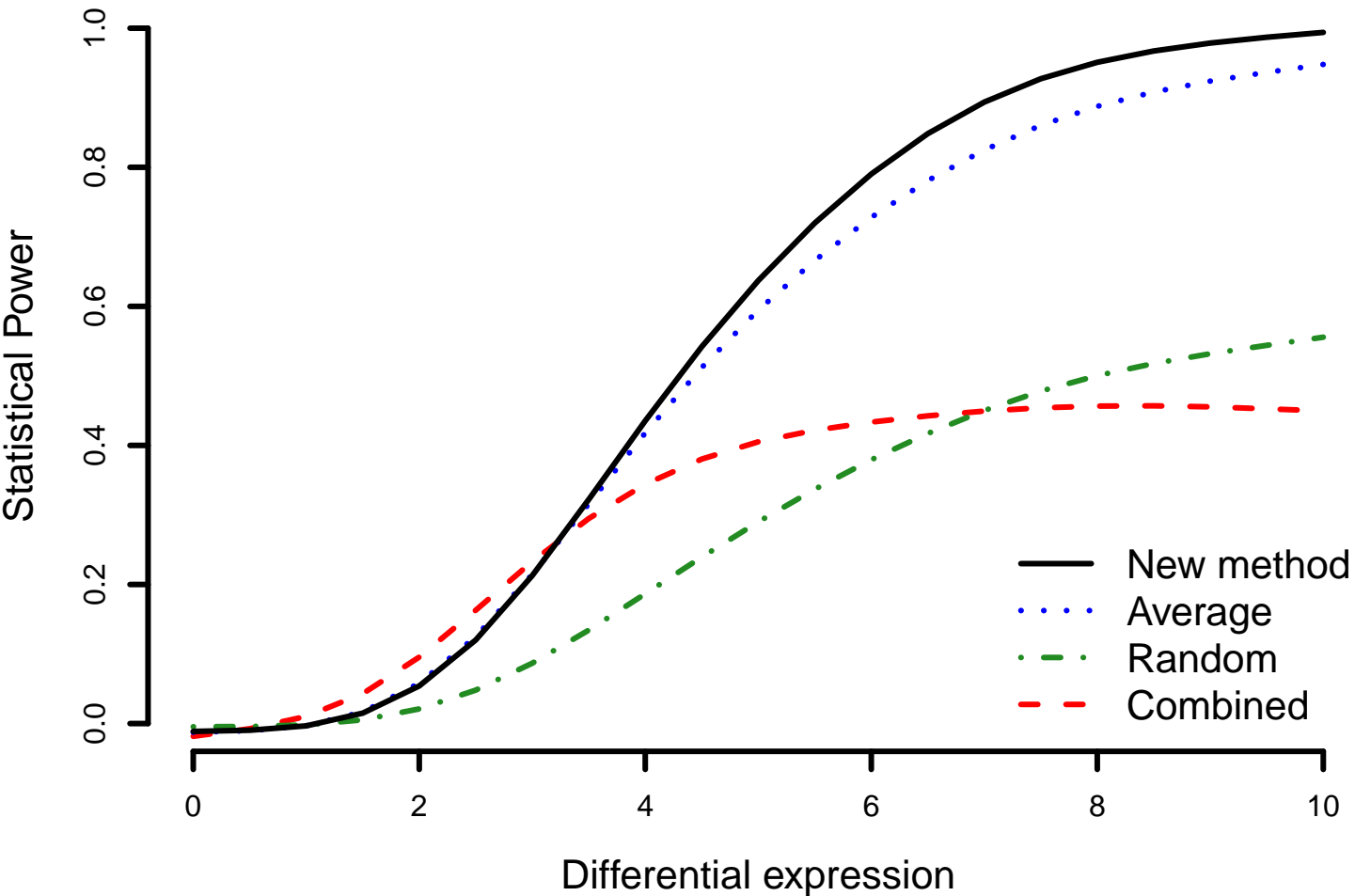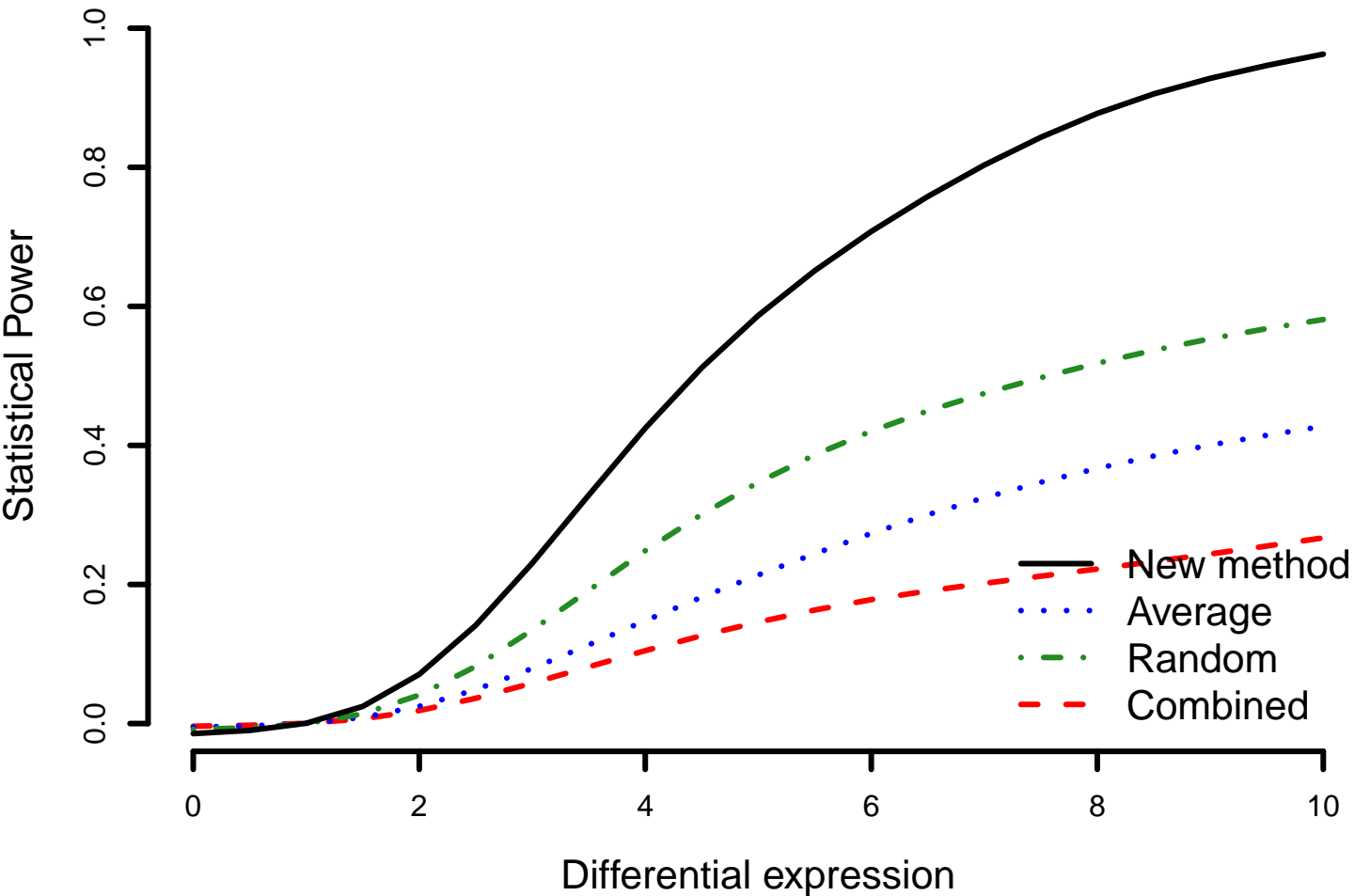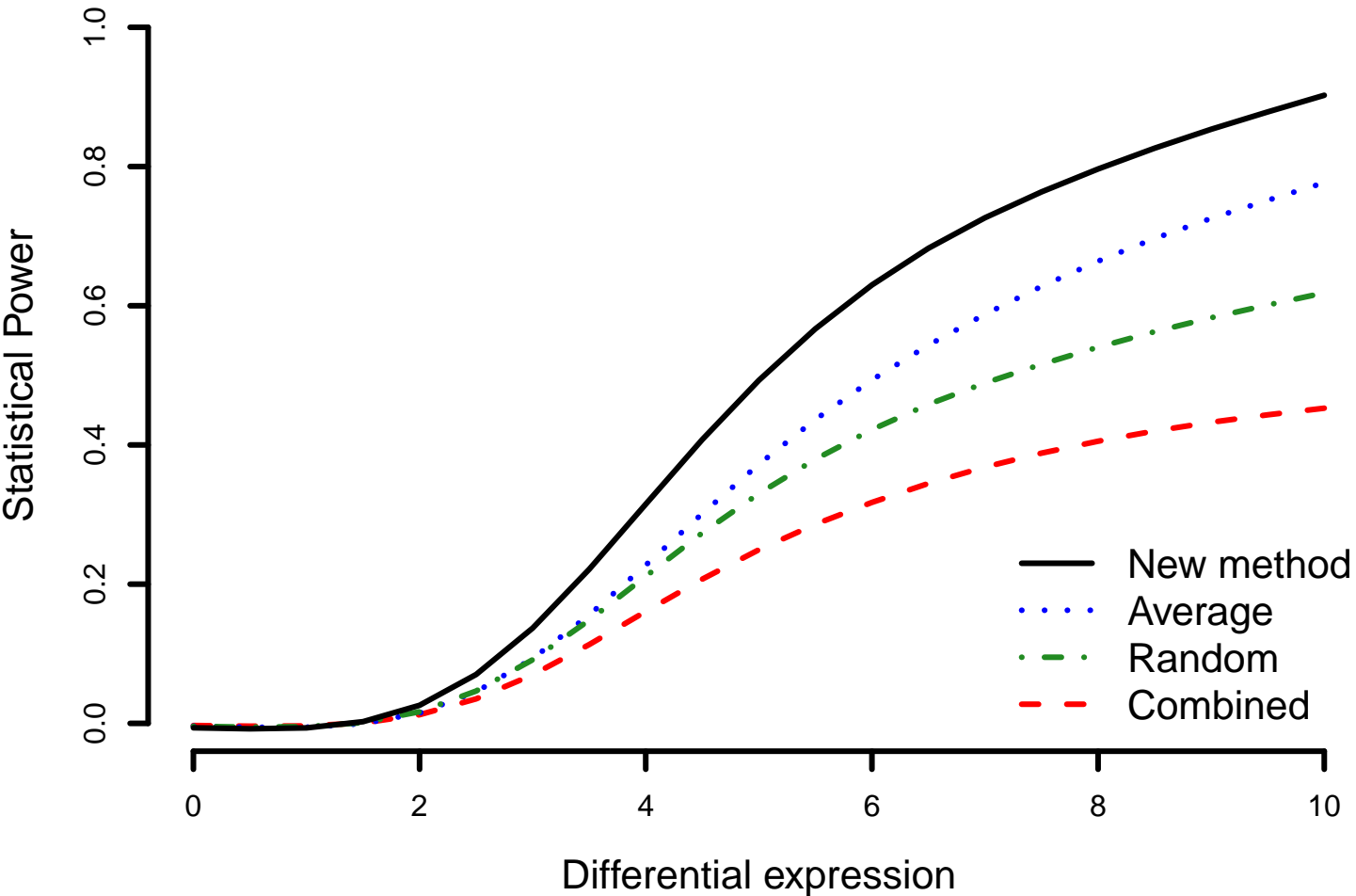**A1: Two paralogs, same direction**
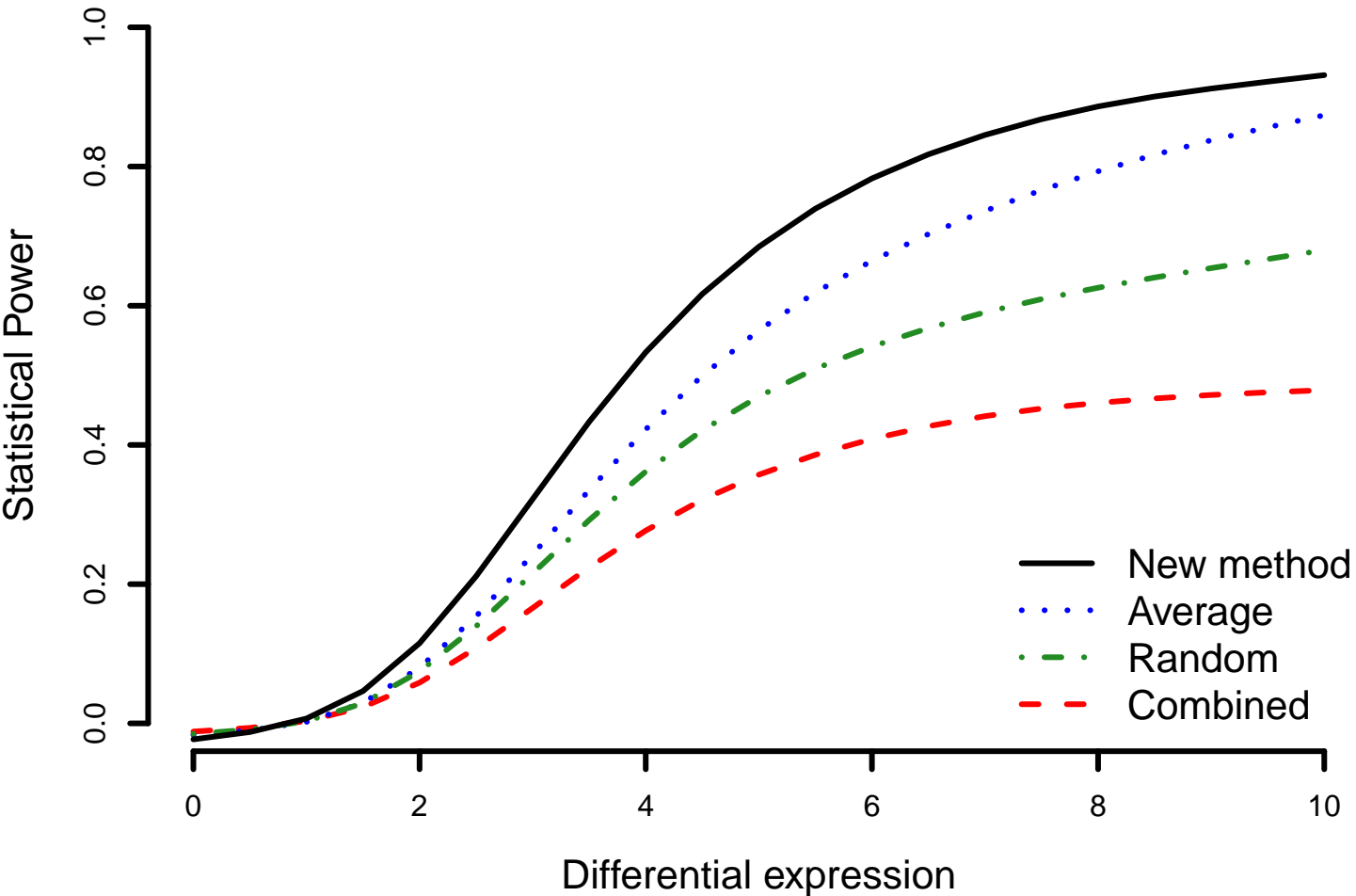
A2: Two paralogs, one at the opposite direction

A3: Thicker tails, t−distribution with df=5

A4: Errors in homology structure, p=0.1

A5: Errors in homology structure, p=0.5