Experiment 1: equal correlation
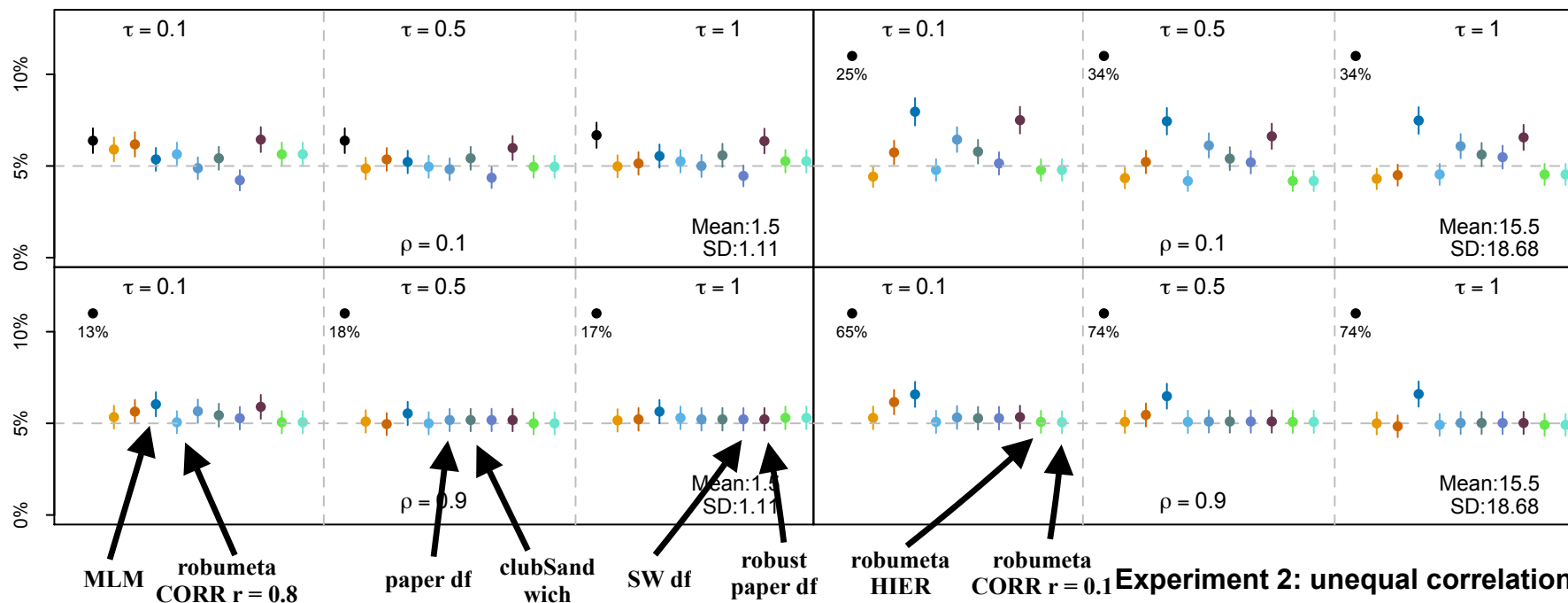
Experiment 2: unequal correlation