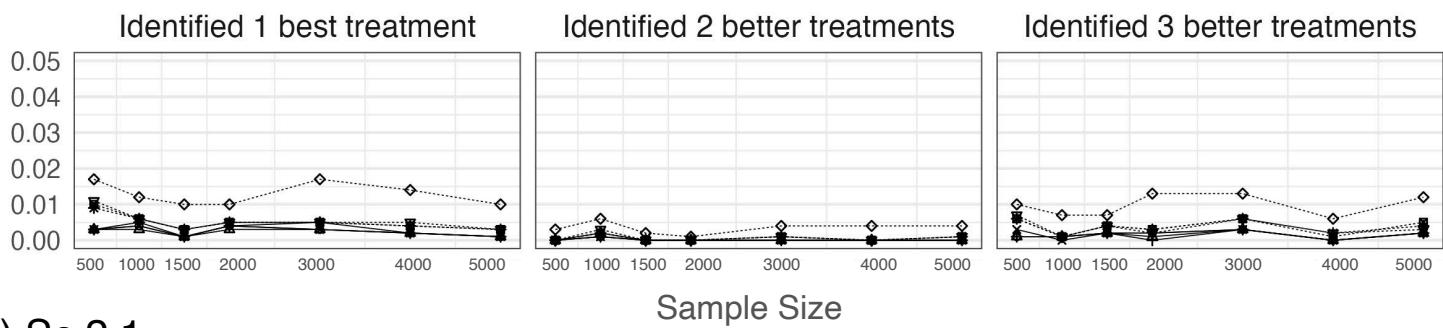
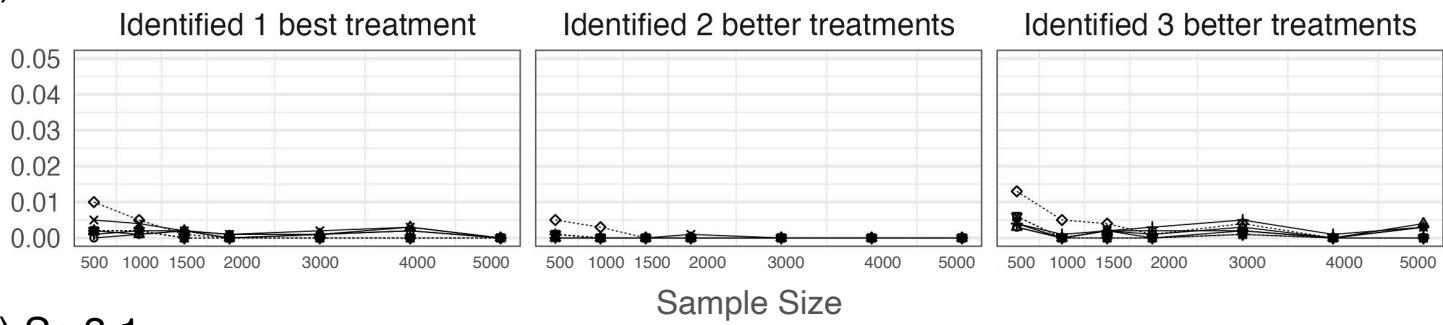


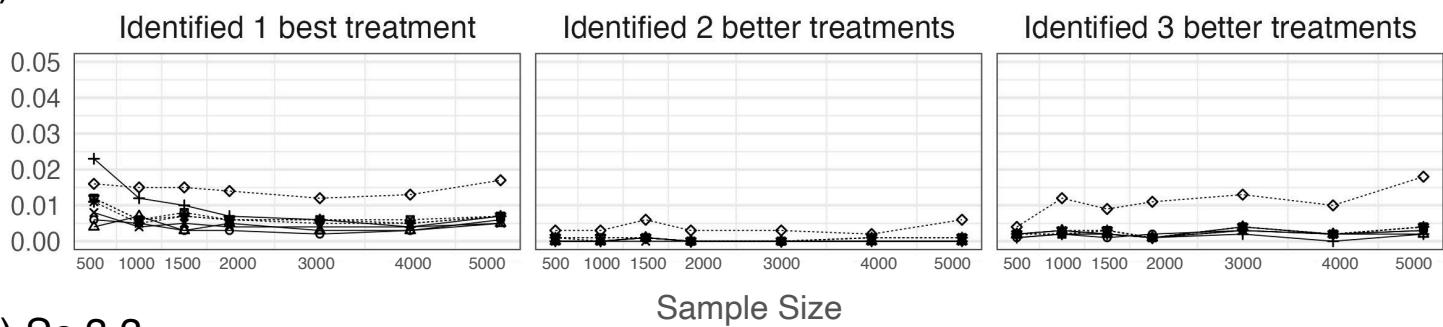
a) Sc 1.1



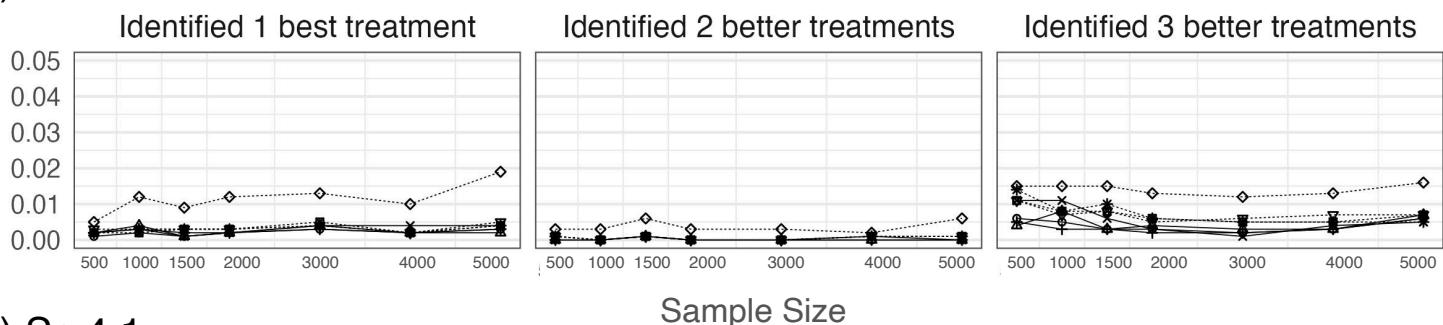
b) Sc 2.1



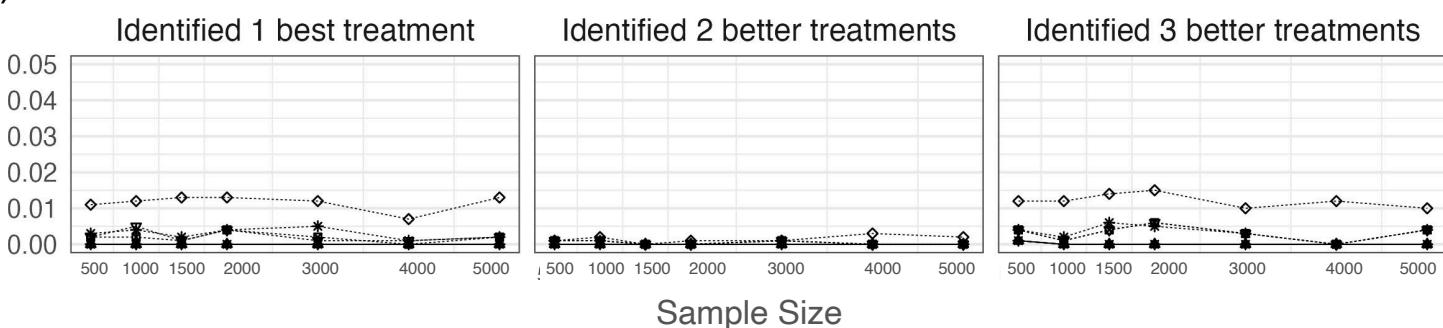
c) Sc 3.1



d) Sc 3.3



e) Sc 4.1



— Fixed	··· Mixed	○ FE	◊ ME
△ FE Bayes Rep		▽ ME Bayes Rep	
+	FE Bayes URep1	■ ME Bayes URep1	
×	FE Bayes URep2	*	ME Bayes URep2

Fig. SM 1 Probability of incorrect interval separation for all null scenarios, when using a fixed and mixed effects model

using frequentist and Bayesian approaches for sample sizes ranging between $N = 500-5,000$.