



Figure S3: The AUROC and AUPR of CIT are shown for all 15 datasets of DREAM challenge. Every marker corresponds to the AUROC or AUPR of one dataset. CIT is an R package that includes the conditional independence test, along with tests 2 and 5, while also comparing $E \rightarrow A \rightarrow B$ against $E \rightarrow B \rightarrow A$. The subsampling analysis on CIT was not feasible due to its low speed.