

Additional file 4 — The performance of NHMC and other methods in predicting FUN annotations of yeast genes

The $AUPRC$ of models learned by HMC-GA, HMC-LMLP, hmAnt-Miner and NHMC (using $\alpha = 0.5$ and the DIP PPI network), for 7 FUN annotated yeast datasets, as used in Cerri et al. [33].

Dataset/Method	HMC-GA	HMC-LMLP	hmAnt-Miner	NHMC ($\alpha = 0.5$)
pheno	0.148	0.085	0.162	0.241
celcycle	0.150	0.144	0.154	0.173
church	0.149	0.140	0.168	0.152
derisi	0.152	0.138	0.161	0.172
eisen	0.165	0.173	0.180	0.196
gasch2	0.151	0.132	0.163	0.186
spo	0.151	0.139	0.174	0.181