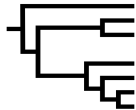


Phylogeny



**AUC:  $0.84 \pm 0.008$**   
**RMSE:  $52.5 \pm .49$**

Traits



**AUC:  $0.84 \pm 0.009$**   
**RMSE:  $52.8 \pm 0.52$**

AUC:  $0.91 \pm 0.006$   
**RMSE:  $45.8 \pm .37$**

AUC:  $0.93 \pm 0.005$   
RMSE:  $51.7 \pm 0.35$

AUC:  $0.93 \pm 0.005$   
RMSE:  $49.0 \pm 0.34$

**AUC:  $0.94 \pm 0.004$**   
**RMSE:  $56.0 \pm 0.30$**

Latent

