

Additional file 3 - Area under the curve of ROC.

Our proposed model has a relative large AUC (0.8), which suggests it is able to predict regulations efficiently.

P_E: PCC-ELD; M_S: $\Delta\text{mean}-\Delta\delta$; M_T: $|x|-\theta$.

Parameters	AUC
PCC	0.65
ELD	0.68
P_E	0.77
M_S	0.57
M_T	0.68
GO	0.68
Bayesian	0.80