

PHQ9 MDD prediction with log transformation
and scale by samples : $(x - \text{mean}(x)) / \text{sd}(x)$

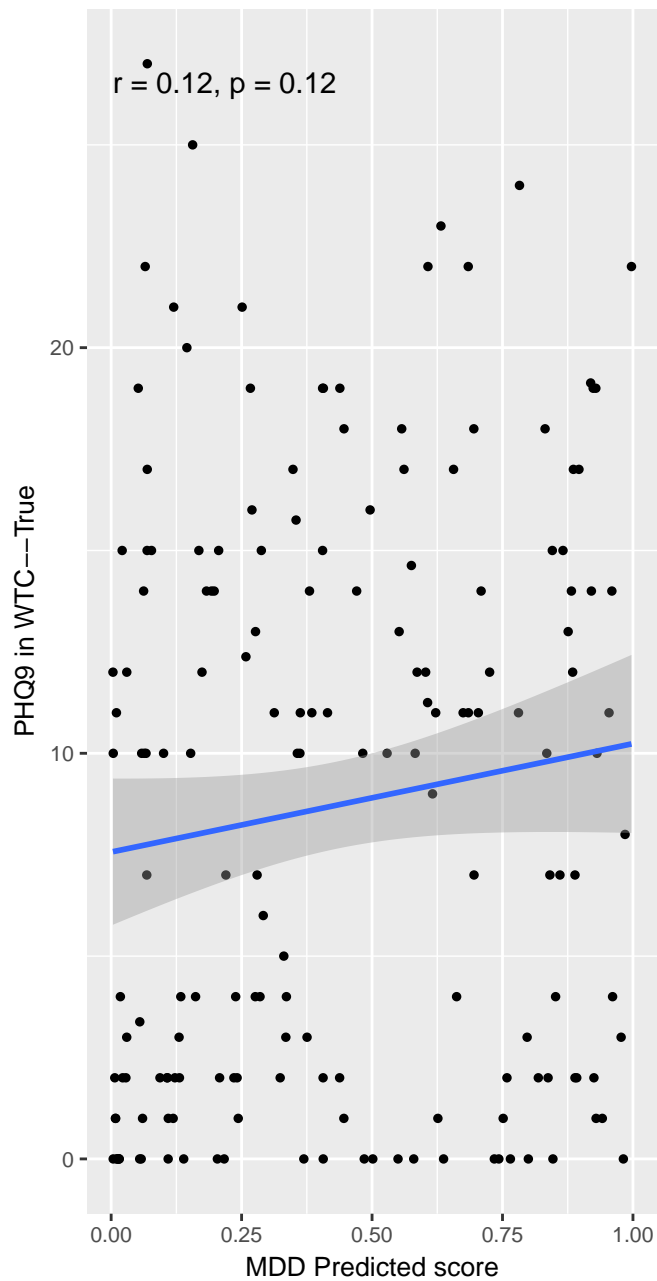
Train on MDD of batch 3

Test on batch 4 and Mostafavi

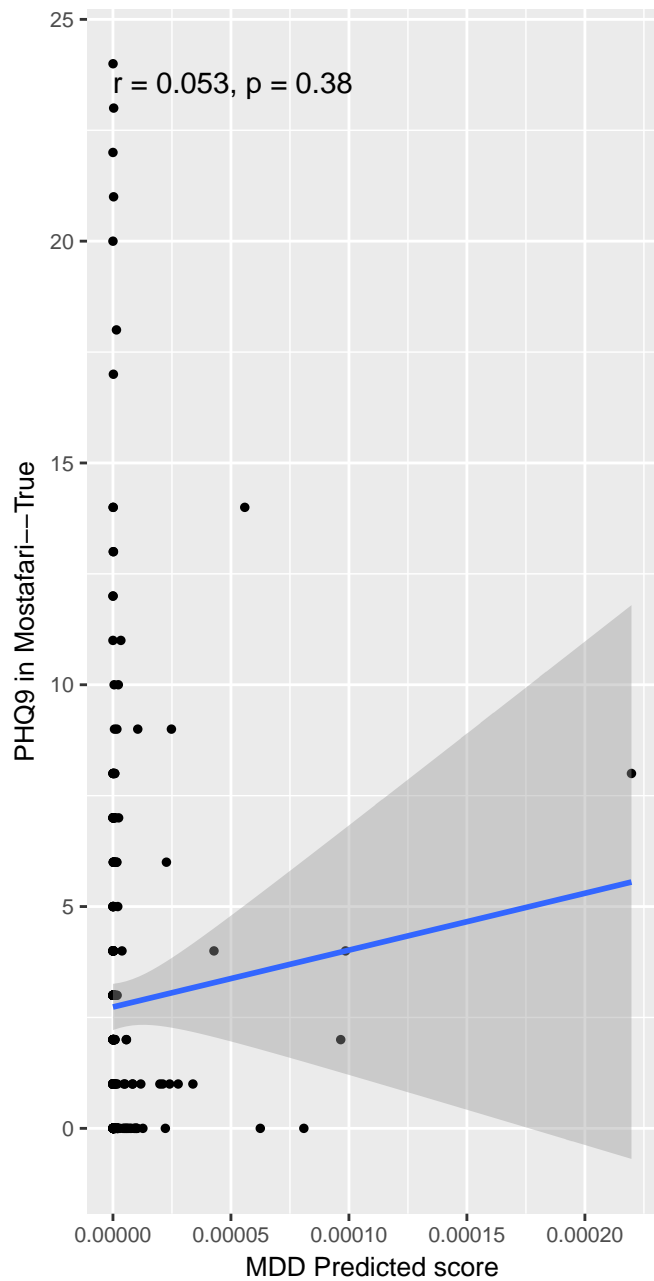
Prediction Model on MDD of Batch 4 and Mostafavi:

AUC are 0.529123711340206 0.444671549423721 respectively

MDD Predicted score vs PHQ9 by ElasticNet



MDD Predicted score vs PHQ9 by ElasticNet



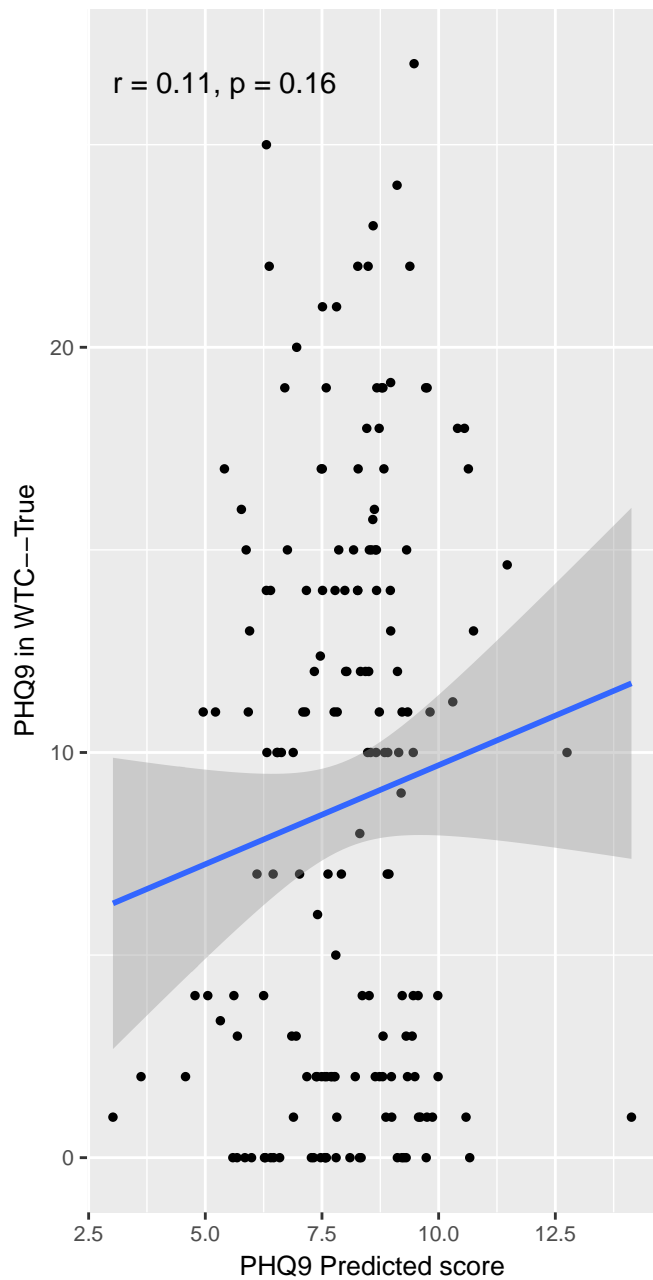
Train on PHQ9 of batch 3

Test on batch 4 and Mostafavi

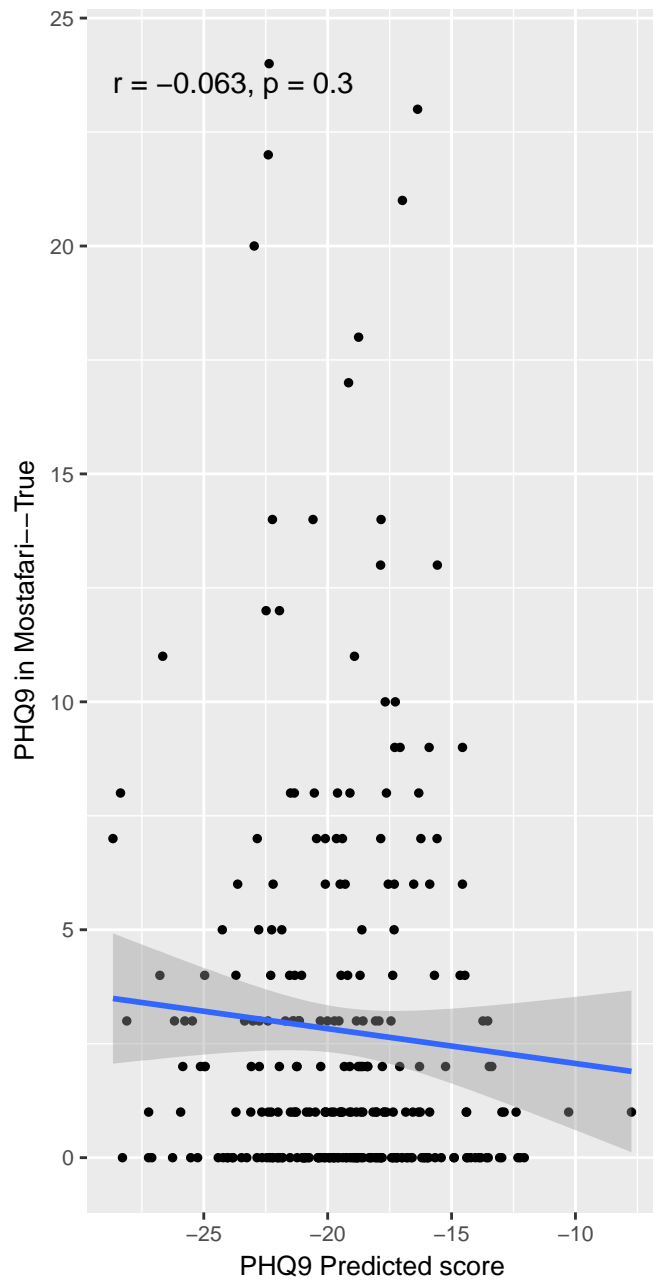
Prediction Model on MDD of Batch 4 and Mostafavi:

AUC are 0.550564856403974 0.442286947141316 respectively

PHQ9 Predicted score vs PHQ9 by ElasticN



PHQ9 Predicted score vs PHQ9 by ElasticN



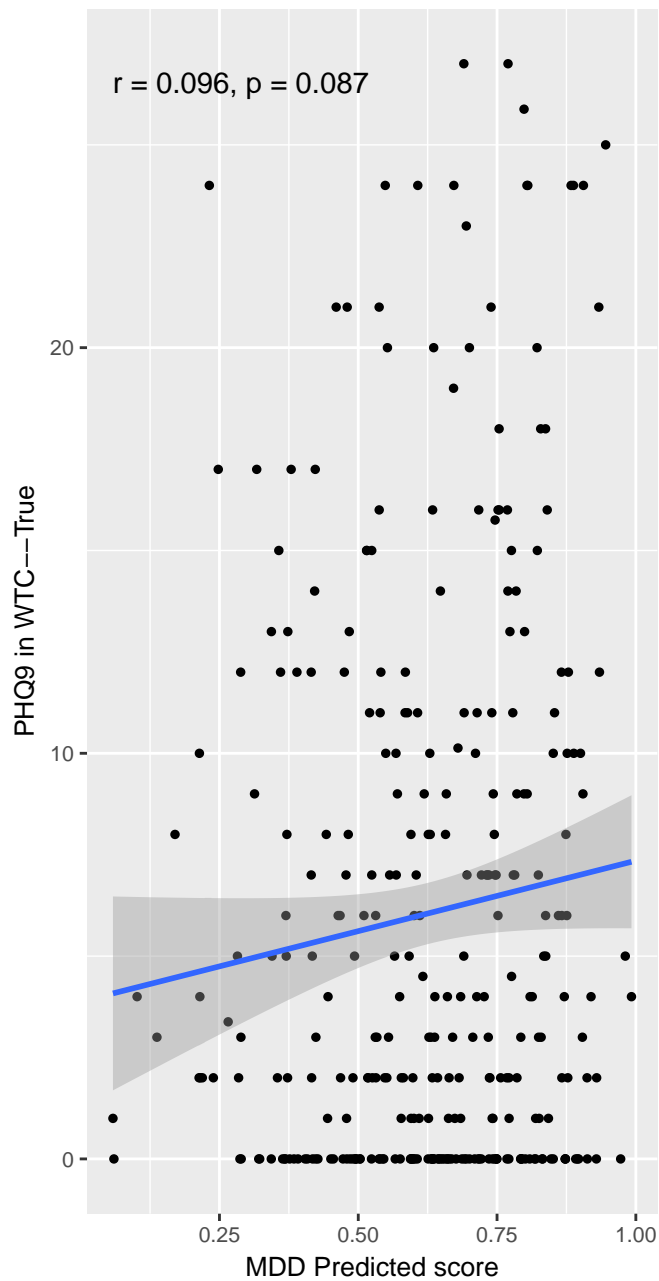
Train on MDD of batch 4

Test on batch 3 and Mostafavi

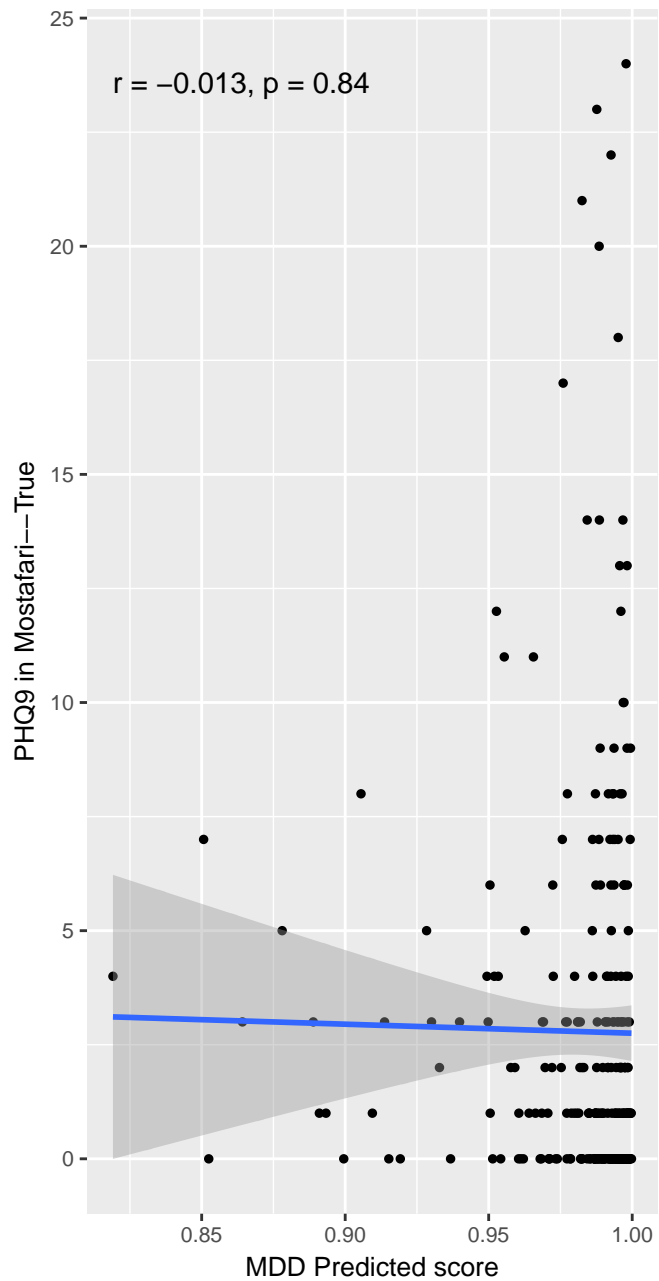
Prediction Model on MDD of Batch 3 and Mostafavi:

AUC are 0.561320754716981 0.434906035314824 respectively

MDD Predicted score vs PHQ9 by ElasticNet



MDD Predicted score vs PHQ9 by ElasticNet



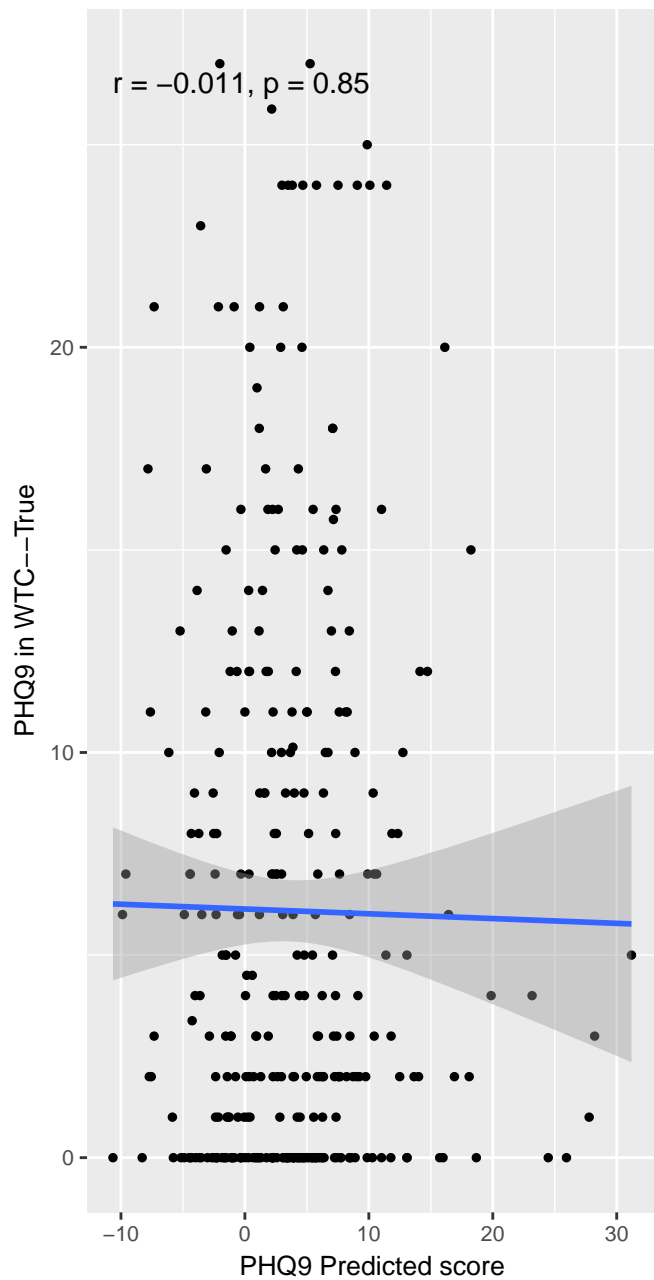
Train on PHQ9 of batch 4

Test on batch 3 and Mostafavi

Prediction Model on MDD of Batch 3 and Mostafavi:

AUC are 0.532436742963059 0.438823596207347 respectively

PHQ9 Predicted score vs PHQ9 by ElasticN



PHQ9 Predicted score vs PHQ9 by ElasticN

