Random Forest laboratory validation statistics

Validation Analysis	Statistical Results		Sample Size
	Estimate/Correlation	P-value	
Test Set Correlation	0.787	0.00	40
E. ferrisi Effect	3.514	2.58×10^{-2}	40
E. falciformis Effect	6.366	5.00×10^{-4}	40
Infection Intensity	0.544	3.00×10^{-4}	28
Overall Model R^2	0.283	NA	40

Test set validation results for random forest model predictions against infection parameters