Adelotus brevis (N = 19365 data points) mean_min_temp mean_max_temp 10.00% 9.50% 9.00% sensitivity specificity model mse auc 8.50% RF 0.141 0.433 0.939 0.844 0.404 8.00% Calibrated RF 0.093 0.426 0.844 0.403 0.942 40 0 20 40 60 10 20 30 rain_3_days rain_10_days 13.0% 12.0% 11.0% Predictor importance 10.0% grid_Ing 9.0% 100 200 300 400 200 400 600 800 grid_lat mean_vapour day mean_min_temp mean_max_temp · 20 10 30 mean_vapour · rain_10_days · rain_3_days ·

number_of_samples -

mean_rainfall -

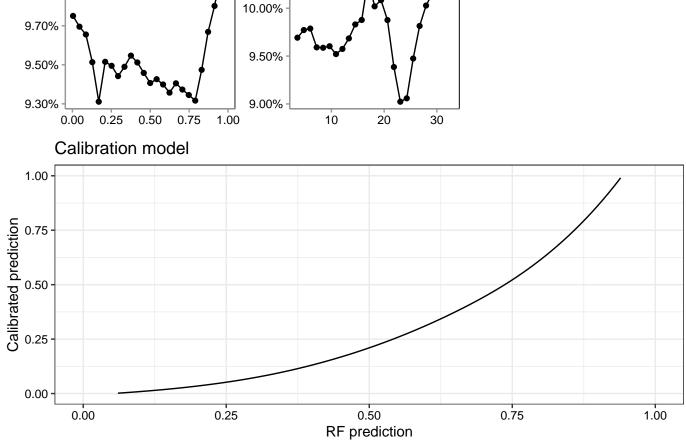
phase ·

100

200

Predictor Importance (Gini Index)

300



day

10.0%

5.0%

Drobability of calling 10.0% 9.0% 8.0% 7.0%

9.90%

0

100

200

mean_rainfall

100

phase

300

200

10.00%

9.00%

8.00%

11.0%

10.0%

9.0%

8.0%

10.50%