Crinia sloanei (N = 3947 data points) day mean_min_temp mean_max_temp 1.50% 0.80% 1.00% 0.60% 1.00% 0.75% sensitivity specificity model mse auc 0.40% 0.50% RF 0.50% 0.048 0.931 0.953 0.978 0.714 Calibrated RF 0.030 0.978 0.714 0.20% 0.931 0.953 20 0 100 200 300 0 10 20 30 10 30 40 rain_3_days rain_10_days mean_rainfall 0.750% D.750% o.725% o.700% o.700% o.675% 0.70% 0.700% 0.60% 0.650% Predictor importance 0.600% 0.50% 0.550% 0.40% grid_lat 0.500% 0.675% 25 50 75 50 100 150 0 50 100 150 200 grid_Ing phase mean_vapour 0.800% mean_max_temp · 0.760% 0.750% 0.720% 0.700% day · 0.650% 0.680% mean_min_temp -0.600% 0.640% 0.25 0.50 10 0.75 1.00 0.00 15 20 25 number_of_samples -Calibration model 1.00 mean_vapour -Calibrated prediction rain_10_days · rain_3_days · phase ' mean_rainfall 0.00 0.25 0.50 0.75 20 0.00 1.00 40 60 RF prediction Predictor Importance (Gini Index)