

Hyperparameter	Considered values
criterion	{Gini, cross-entropy}
number of trees	{250}
number of features considered at each split	$\{1, 2, 3\} \times \sqrt{\#features}$

Table S2: Related to Figure 3. Hyperparameters considered for Random Forests. The $\#features$ corresponds to the total number of features (842 in our experiments).