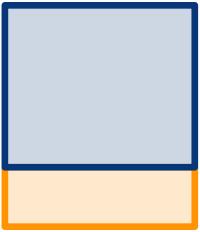
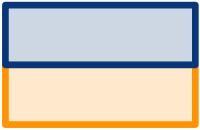
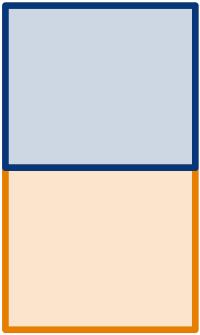


RF Parameters: Class Imbalances

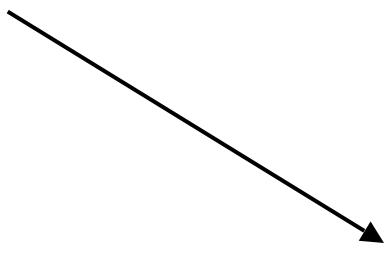
$$\gamma N \le N_{MAX}$$











Oversampling

Undersampling

RF Parameters: Scoring & Stopping

- score_each_iteration: score model after each tree (default: false)
- score_tree_interval: score model after n trees
- **stopping_rounds**: early stop if stopping metric's moving average does not improve for this many rounds
- **stopping_metric**: metric for early stopping (AUTO: logloss for classification, deviance for regression) Must be one of: "AUTO", "deviance", "logloss", "MSE", "RMSE", "MAE", "RMSLE", "AUC", "lift_top_group", "misclassification", "mean_per_class_error". Defaults to AUTO.
- **stopping_tolerance**: Relative tolerance for metric-based stopping criterion (stop if relative improvement is not at least this much) Defaults to 0.001.
- max_runtime_secs: maximum runtime to allow for model building (default: 0, disabled)



RF Parameters: Class Imbalances

