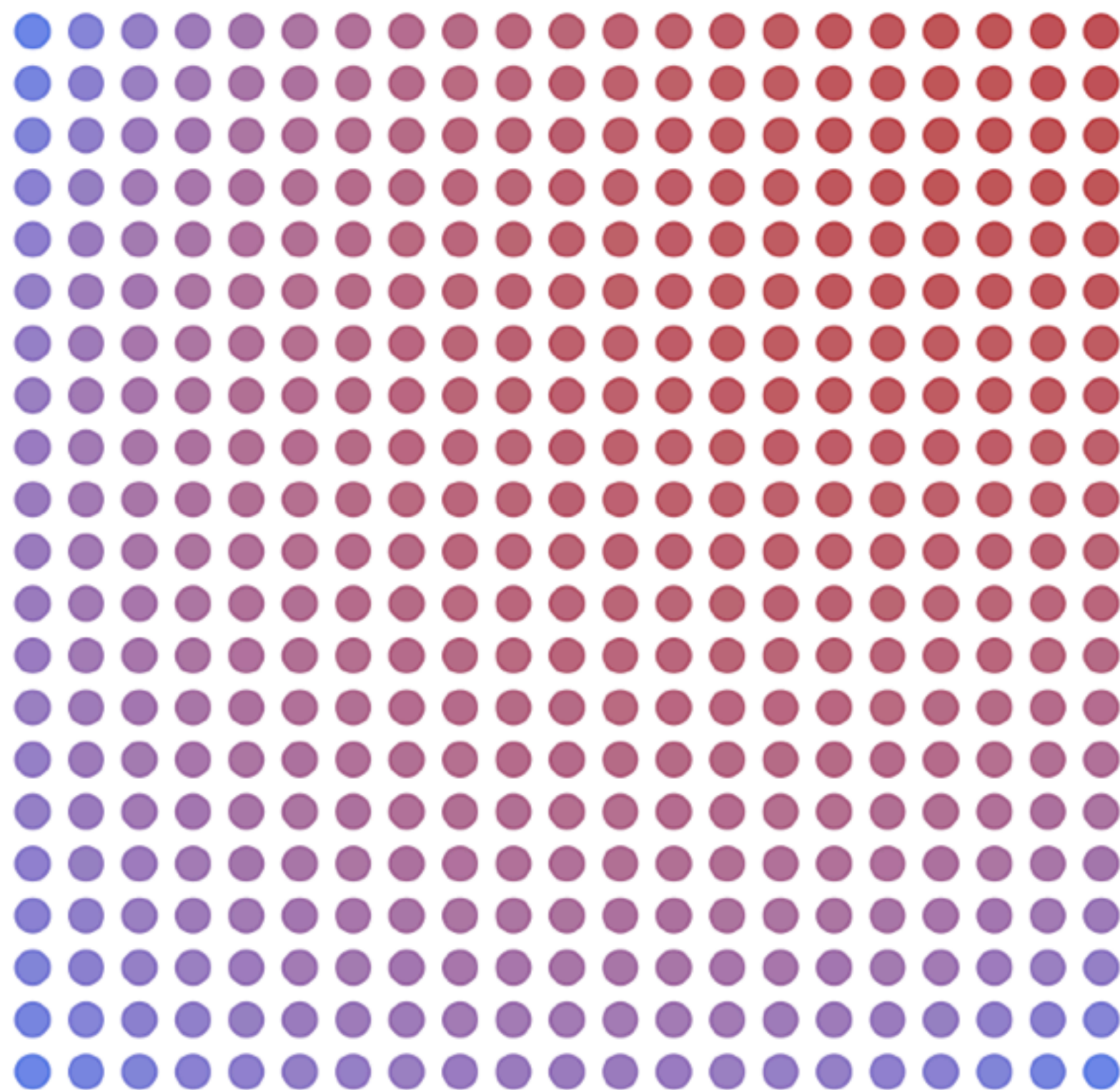
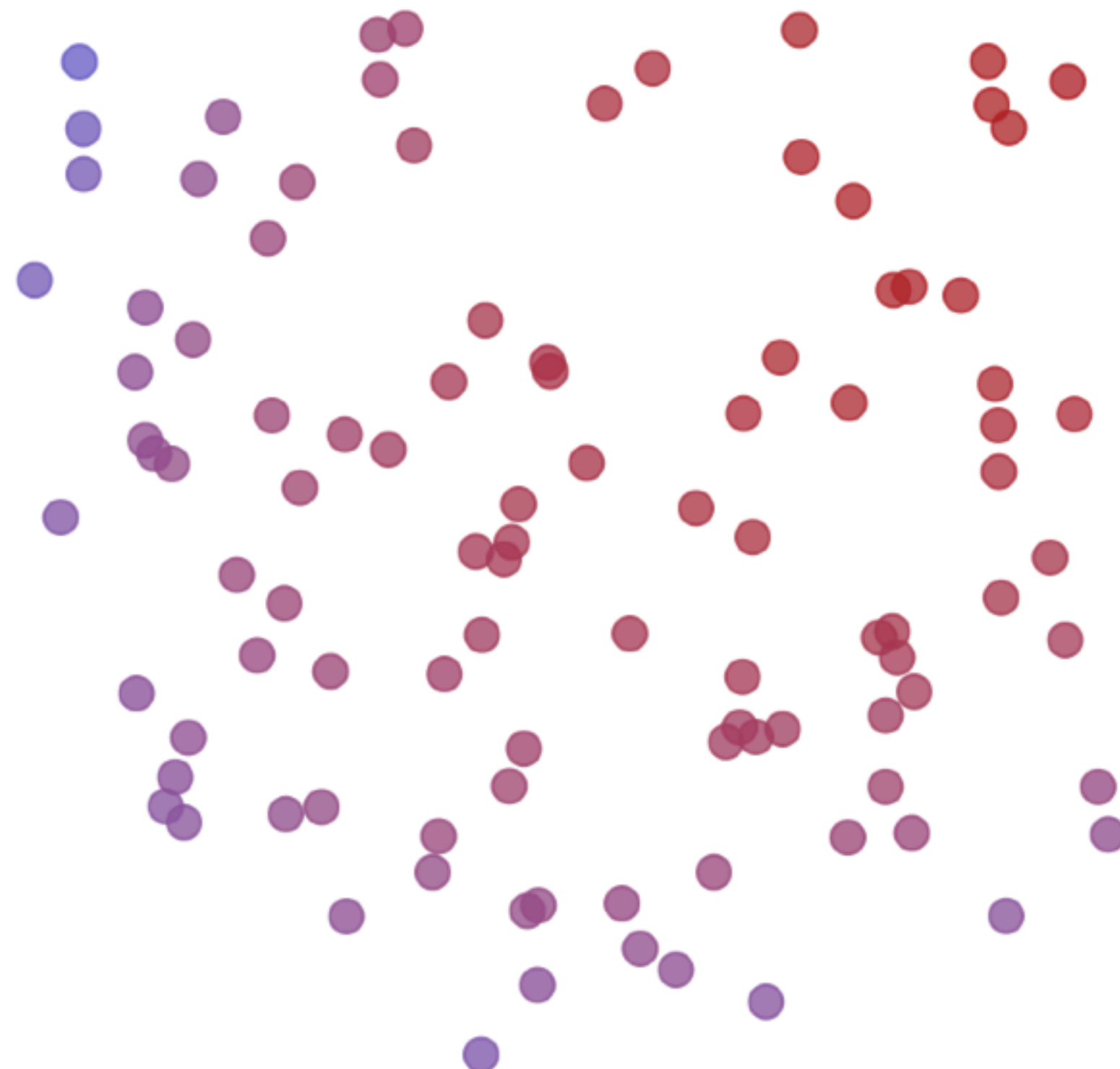


Hyperparameter Tuning

Grid Search



Random Search



Hyperparameter 1

Hyperparameter 2

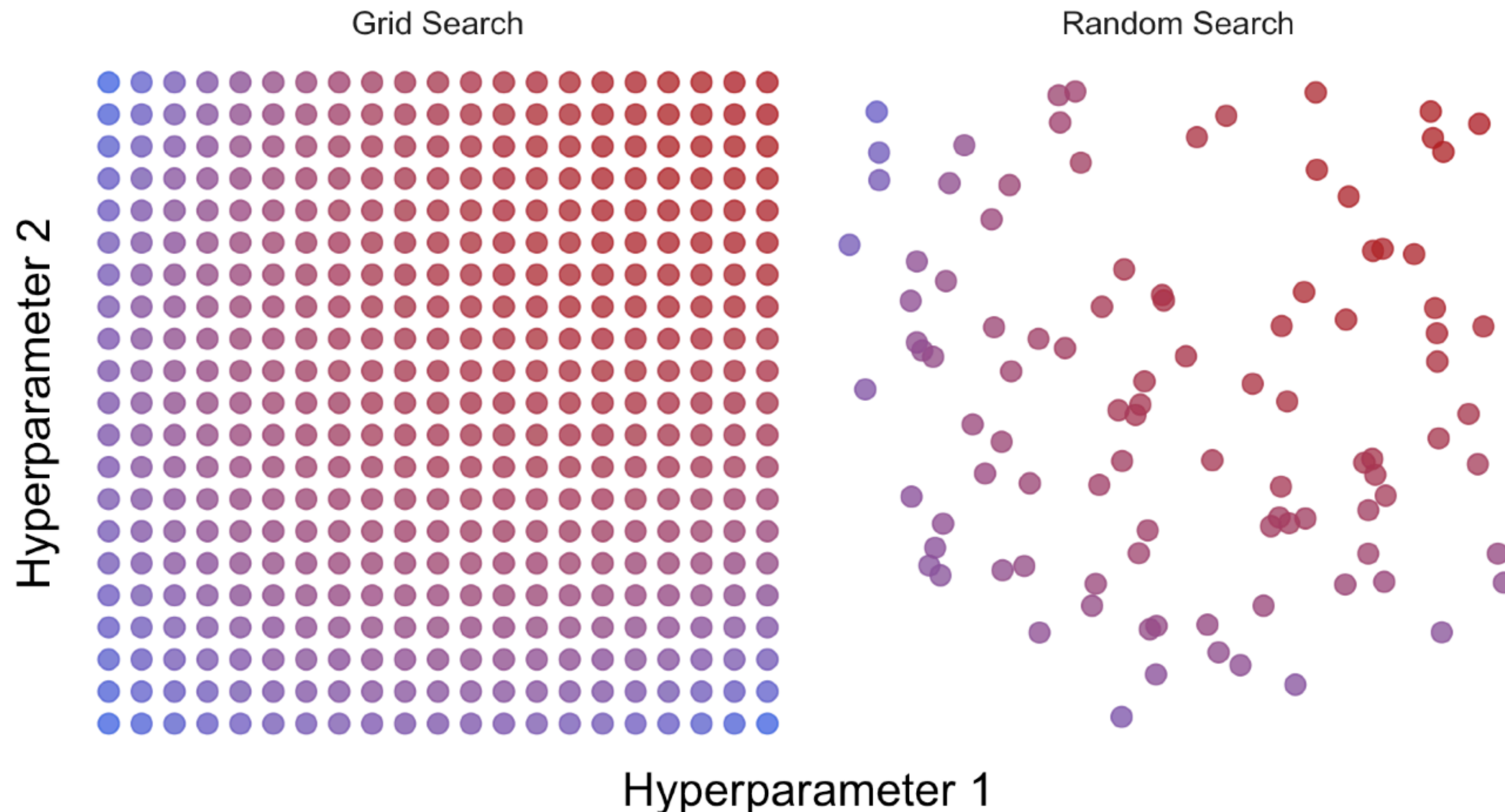
1. Select grid and hyperparameter combinations

2. For each combination, use cross-validation to estimate model performance

3. The combination with best performance is chosen

Hyperparameter Tuning

1. Select grid or random hyperparameter combinations
2. For each combination, use cross-validation to estimate model performance
3. The combination with best performance is chosen



Bootstrapping: resampling with replacement