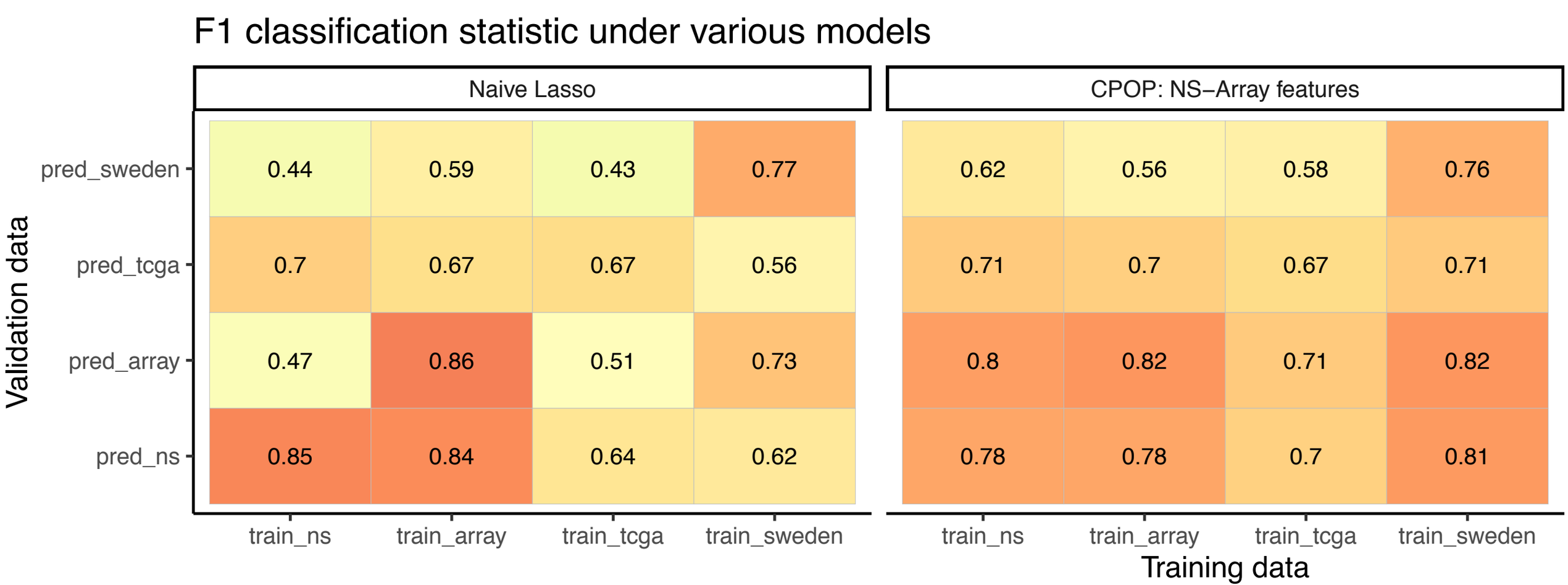
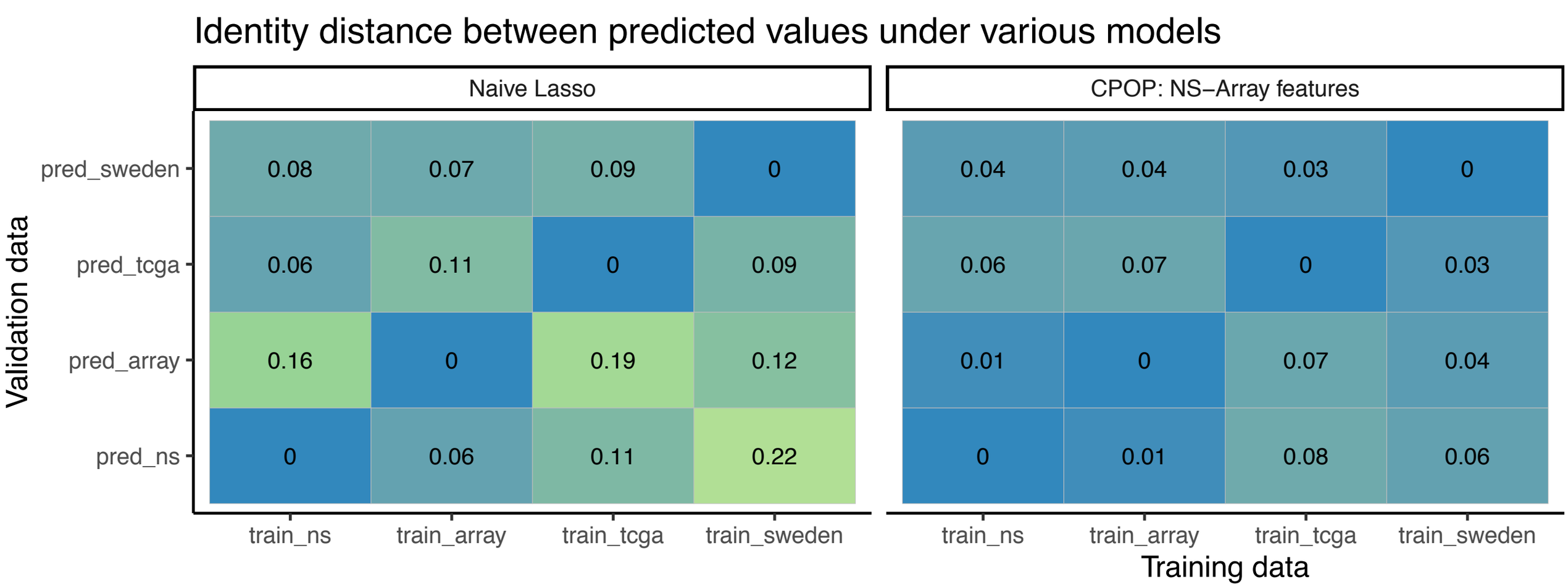
CPOP results 1: four melanoma data

1. Predictive performance of CPOP matches that of re-substitution

2. Smaller identity distance between predicted values


F1 classification statistic under various models
Naive Lasso
CPOP: NS−Array features
Validation data
pred_sweden
pred_tcga
pred_array
pred_ns
0.44
0.59
0.43
0.77
0.7
0.67
0.67
0.56
0.47
0.86
0.51
0.73
0.85
0.84
0.64
0.62
0.62
0.56
0.58
0.76
0.71
0.7
0.67
0.71
0.8
0.82
0.71
0.82
0.78
0.78
0.7
0.81
train_ns
train_array
train_tcga
train_sweden
Training data


Identity distance between predicted values under various models
Naive Lasso
CPOP: NS−Array features
Validation data
pred_sweden
pred_tcga
pred_array
pred_ns
0.08
0.07
0.09
0
0.06
0.11
0
0.09
0.16
0
0.19
0.12
0
0.06
0.11
0.22
0.04
0.04
0.03
0
0.06
0.07
0
0.03
0.01
0
0.07
0.04
0
0.01
0.08
0.06
train_ns
train_array
train_tcga
train_sweden
Training data

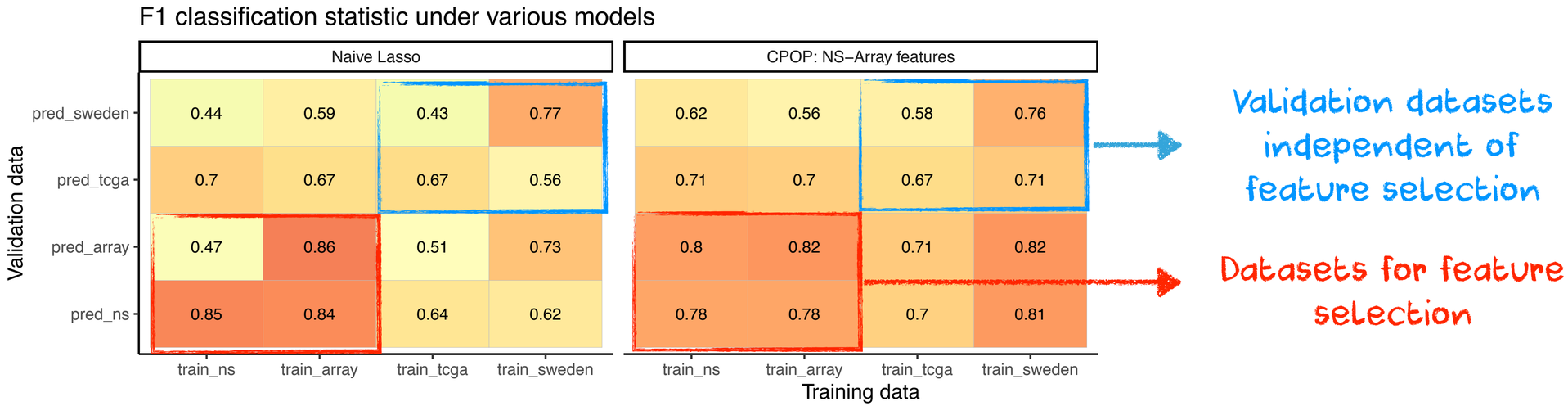
May 2019

Validation datasets independent of feature selection

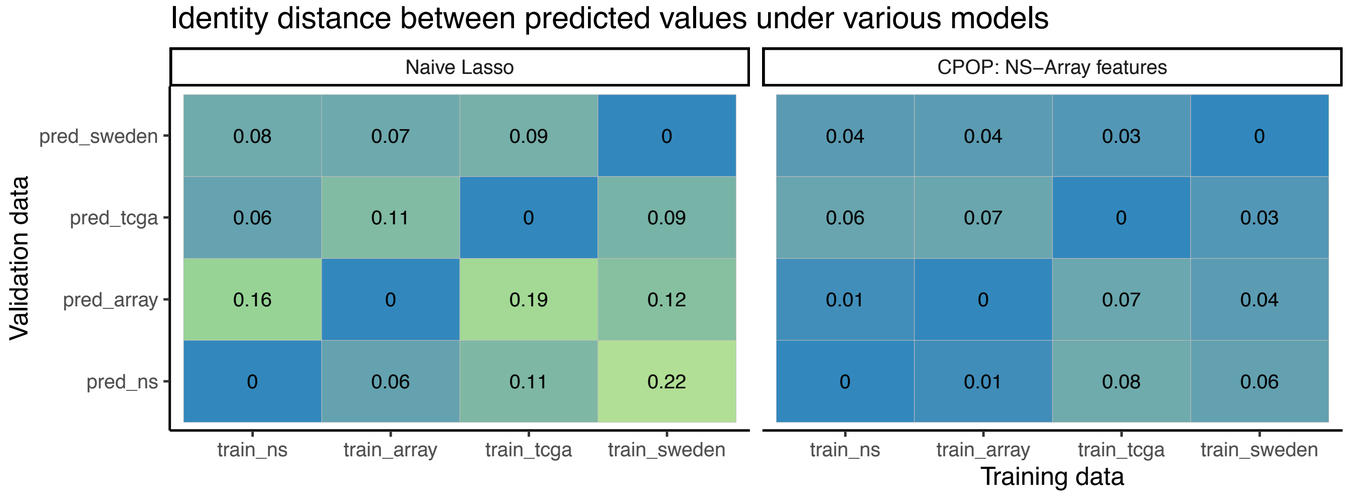
Datasets for feature selection

CPOP results 1: four melanoma data

1. Predictive performance of CPOP matches that of re-substitution

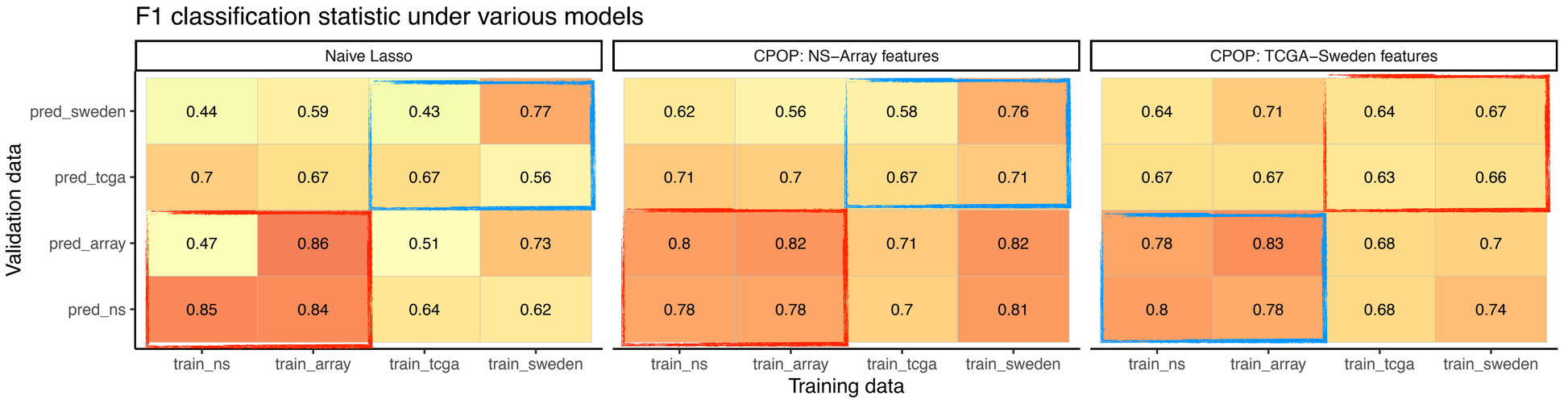


2. Smaller identity distance between predicted values



CPOP results 1: four melanoma data

1. Predictive performance of CPOP matches that of re-substitution



2. Smaller identity distance between predicted values