

Confusion Matrix for Validation Set Model

SMOTE–Random Forest, Optimal Set

| Prediction \ Truth | HGSC | CCOC | ENOC | LGSC | MUC |
|--------------------|------|------|------|------|-----|
| HGSC | 642 | 2 | 22 | 3 | 0 |
| CCOC | 21 | 67 | 5 | 0 | 1 |
| ENOC | 11 | 0 | 58 | 4 | 3 |
| LGSC | 14 | 0 | 0 | 7 | 0 |
| MUC | 11 | 0 | 3 | 1 | 19 |