

Confusion Matrix for Validation Set Model

SMOTE–Random Forest, Optimal Set

| Prediction \ Truth | HGSC | CCOC | ENOC | LGSC | MUC |
|--------------------|------|------|------|------|-----|
| HGSC | 617 | 5 | 21 | 8 | 0 |
| CCOC | 13 | 74 | 6 | 1 | 1 |
| ENOC | 10 | 0 | 75 | 0 | 3 |
| LGSC | 15 | 0 | 0 | 8 | 0 |
| MUC | 11 | 0 | 3 | 1 | 22 |