

Supplementary Table 17 – Variable Importance for predicting BCLM Ki-67+ using primary tumor clusters. Larger values imply higher variable importance. Clusters used in the optimal model are marked with “X.”

Cluster in Primary	Included In Optimal Model	Variable Importance
CD206+	X	0.0001178
CD4+PD1+	X	0.0001025
MMP9+	X	0.0000995
CD163+	X	0.0000988
PD-L1+	X	0.0000978
CD163+MMP9+	X	0.0000978
CD68+	X	0.0000969
CD14+		0.0000952
CD68+MMP9+		0.0000949
CD8a+PD1+		0.0000933
CD56+		0.0000930
CD68+CD163+CD206+		0.0000904
CD8a+PD1-		0.0000878