Supplementary Table 2 – Variable Importance for predicting BCLM CD14+ 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
MMP9+	X	0.857
E-cad+	X	0.804
Ki-67+	X	0.768
CD163+MMP9+	X	0.732
CD68+		0.696
CD14+		0.679
PD-L1+		0.679
CD68+CD163+CD206+		0.661
CD56+		0.643
CD163+		0.625
CD8a+PD1-		0.625
CD4+PD1+		0.607
Collagen+		0.607
CD206+		0.607
pERK+		0.607
HIF1α+		0.571
CD8a+PD1+		0.554
CD31+		0.554
CD68+MMP9+		0.536
αSMA+		0.518