GBM 106

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cellularity | Cell Voronoi Area | Cytoplasm Background Intensity | Edge Length | Nucleus Area | Nucleus Background Intensity |
| Lin Reg MSE | 1.11235 | 0.92206 | 1.10739 | 0.94126 | 1.03336 | 1.06527 |
| Random Forest MSE | 1.03765 | 0.91624 | 1.10384 | 0.91109 | 0.96657 | 1.08113 |
| Cart MSE | 2.04982 | 1.75909 | 2.20726 | 1.97758 | 2.01612 | 1.91001 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cellularity | Cell Voronoi Area | Cytoplasm Background Intensity | Edge Length | Nucleus Area | Nucleus Background Intensity |
| Naïve Bayes AUC | 0.59 | 0.6066 | 0.5166 | 0.6130 | 0.6188 | 0.5525 |
| Neural Network AUC | 0.85 | 0.91 | 0.9407 | 0.8751 | 0.8568 | 0.8947 |
| Random Forest AUC | 0.58 | 0.5733 | 0.5193 | 0.5753 | 0.5197 | 0.5261 |
| Cart AUC | 0.5967 | 0.5667 | 0.5358 | 0.5780 | 0.5124 | 0.5138 |

GBM 206

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cellularity | Cell Voronoi Area | Cytoplasm Background Intensity | Edge Length | Nucleus Area | Nucleus Background Intensity |
| Lin Reg MSE | 1.04567 | 1.00188 | 1.30017 | 1.07246 | 1.11699 | 1.14255 |
| Random Forest MSE | 1.05734 | 0.87985 | 1.13375 | 0.89069 | 0.97212 | 1.08916 |
| Cart MSE | 2.03411 | 1.92832 | 1.90432 | 1.86973 | 1.82195 | 1.82973 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cellularity | Cell Voronoi Area | Cytoplasm Background Intensity | Edge Length | Nucleus Area | Nucleus Background Intensity |
| Naïve Bayes AUC | 0.61 | 0.6233 | 0.5430 | 0.6199 | 0.6188 | 0.5886 |
| Neural Network AUC | 0.8067 | 0.8366 | 0.7662 | 0.7705 | 0.7023 | 0.8152 |
| Random Forest AUC | 0.58 | 0.5333 | 0.5064 | 0.5516 | 0.5336 | 0.5031 |
| Cart AUC | 0.55 | 0.5467 | 0.5426 | 0.5413 | 0.5354 | 0.5202 |