| Linear Regression Model | Term | Estimate |
| --- | --- | --- |
| Area Under Receiver Operator Curve vs Number of Terms (adjusted r-squared = 0.95) |  |  |
|  | Artifact | -0.10 (-0.12, -0.08) |
|  | Heart Rate | -0.04 (-0.06, -0.02) |
|  | QRS Duration | -0.12 (-0.14, -0.10) |
|  | ST Elevation | -0.04 (-0.06, -0.02) |
| Positive Likelihood Ratio vs Number of Terms (adjusted r-squared = 0.90) |  |  |
|  | Artifact | 38.54 (7.18, 69.91) |
|  | Heart Rate | 46.30 (14.94, 77.66) |
|  | QRS Duration | 47.90 (16.54, 79.26) |
|  | ST Elevation | 178.07 (146.71, 209.43) |
| Sensitivity vs Number of Terms (adjusted r-squared = 0.94) |  |  |
|  | Artifact | -0.20 (-0.24, -0.16) |
|  | Heart Rate | -0.08 (-0.12, -0.05) |
|  | QRS Duration | -0.24 (-0.28, -0.20) |
|  | ST Elevation | -0.09 (-0.13, -0.05) |
| Specificity vs Number of Terms (adjusted r-squared = 0.85) |  |  |
|  | Artifact | 0.002 (0.001, 0.003) |
|  | Heart Rate | 0.001 (0.000, 0.002) |
|  | QRS Duration | 0.002 (0.001, 0.003) |
|  | ST Elevation | 0.004 (0.003, 0.005) |
| Estimate (95% CI) |

Supplementary Table 1: Linear regression results comparing number of criteria to AUC, positive likelihood ratio, sensitivity, and specificity.