

Table 1: MI Evidence Table (Original Dec 09 Evidence Results where Qwave was not separated) – Beta Results (N = 96)

| | Sensitivity | Sens L 95 CI | Sens U 95 CI | Specificity | Spec L 95 CI | Spec U 95 CI |
|---|-------------|--------------|--------------|-------------|--------------|--------------|
| QueryId: 17 (Cardiac Biomarkers, CHLAB) | 0.500 | 0.188 | 0.812 | 0.944 | 0.876 | 0.976 |
| QueryId: 18 (Cardiology in Note Title, TIU) | 0.500 | 0.188 | 0.812 | 0.822 | 0.731 | 0.888 |
| QueryId: 19 (Qwave Concept and MI, TIU) | 0.667 | 0.300 | 0.903 | 0.778 | 0.682 | 0.851 |
| QueryId: 20 (ST Segment Ischemia, TIU) | 0.167 | 0.009 | 0.564 | 0.956 | 0.891 | 0.983 |
| QueryId: 21 (ICD MI, PTFDx) | 0.333 | 0.097 | 0.700 | 1.000 | 0.959 | 1.000 |
| QueryId: 22 (ICD MI, OPDx) | 0.000 | 0.000 | 0.390 | 1.000 | 0.959 | 1.000 |
| QueryId: 92 (QWave, DCSum) | 0.500 | 0.188 | 0.812 | 0.944 | 0.876 | 0.976 |
| QueryId: 93 (ST Segment ischemia, DCSum) | 0.000 | 0.000 | 0.390 | 1.000 | 0.959 | 1.000 |
| QueryId: Any Above | 0.833 | 0.436 | 0.991 | 0.700 | 0.599 | 0.785 |
| QueryId: 19 or 92 | 0.833 | 0.436 | 0.991 | 0.767 | 0.669 | 0.842 |
| QueryId: 20 or 93 | 0.167 | 0.009 | 0.564 | 0.956 | 0.891 | 0.983 |

Wilson Confidence Intervals

Table 2: MI Evidence Table (Results w Qwave separated) – Beta Results (N = 96)

| | Sensitivity | Sens L 95 CI | Sens U 95 CI | Specificity | Spec L 95 CI | Spec U 95 CI |
|---|-------------|--------------|--------------|-------------|--------------|--------------|
| QueryId: 17 (Cardiac Biomarkers, CHLAB) | 0.500 | 0.188 | 0.812 | 0.944 | 0.876 | 0.976 |
| QueryId: 18 (Cardiology in Note Title, TIU) | 0.500 | 0.188 | 0.812 | 0.822 | 0.731 | 0.888 |
| QueryId: 19 (Qwave Concept, TIU) | 0.000 | 0.000 | 0.390 | 1.000 | 0.959 | 1.000 |
| QueryId: 20 (ST Segment Ischemia, TIU) | 0.167 | 0.009 | 0.564 | 0.956 | 0.891 | 0.983 |
| QueryId: 21 (ICD MI, PTFDx) | 0.333 | 0.097 | 0.700 | 1.000 | 0.959 | 1.000 |
| QueryId: 22 (ICD MI, OPDx) | 0.000 | 0.000 | 0.390 | 1.000 | 0.959 | 1.000 |
| QueryId: 92 (QWave, DCSum) | 0.000 | 0.000 | 0.390 | 1.000 | 0.959 | 1.000 |
| QueryId: 93 (ST Segment ischemia, DCSum) | 0.000 | 0.000 | 0.390 | 1.000 | 0.959 | 1.000 |
| QueryId: 94 (MI Exclude Qwave, DC Sum) | 0.667 | 0.300 | 0.903 | 0.778 | 0.682 | 0.851 |
| QueryId: 95 (Mi Exclude Qwave, DC Sum) | 0.500 | 0.188 | 0.812 | 0.944 | 0.876 | 0.976 |
| QueryId: 105 (Troponin gt or = 0.5, Lab) | 0.333 | 0.097 | 0.700 | 0.967 | 0.907 | 0.989 |
| QueryId: Any Above | 0.833 | 0.436 | 0.991 | 0.700 | 0.599 | 0.785 |
| QueryId: 19 or 92 | 0.000 | 0.000 | 0.390 | 1.000 | 0.959 | 1.000 |
| QueryId: 20 or 93 | 0.167 | 0.009 | 0.564 | 0.956 | 0.891 | 0.983 |
| QueryId: 17 or 94 | 0.667 | 0.300 | 0.903 | 0.733 | 0.634 | 0.814 |
| QueryId: 17 and 94 and 105 | 0.000 | 0.000 | 0.390 | 1.000 | 0.959 | 1.000 |

Wilson Confidence Intervals