| | CN2 | | | | QUESTGilles | | | | inTrees | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | acc | balacc | nodes | time | acc | balacc | nodes | time | acc | balacc | nodes | time |
| heart | 0.7584+0.02σ | 0.7478+0.02σ | 18.3333+2.05σ | 0.5106+0.09σ | 0.7433+0.04σ | 0.7405+0.05σ | 10.3333+3.4σ | 0.4947+0.04σ | 0.7957+0.04σ | 0.7898+0.03σ | 18.3333+2.05σ | 17.2596+0.76σ |

| | Genetic | | | | ISM_pruned | | | | QUESTLoh | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | acc | balacc | nodes | time | acc | balacc | nodes | time | acc | balacc | nodes | time |
| heart | 0.8442+0.05σ | 0.8387+0.06σ | 13.6667+2.49σ | 274.6171+38.27σ | 0.7808+0.03σ | 0.7752+0.03σ | 34.3333+12.26σ | 196.1434+82.24σ | 0.7547+0.02σ | 0.7469+0.01σ | 7.6667+4.11σ | 0.1604+0.01σ |

| | C4.5 | | | | ISM | | | | CART | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | acc | balacc | nodes | time | acc | balacc | nodes | time | acc | balacc | nodes | time |
| heart | 0.7546+0.02σ | 0.7459+0.03σ | 39.6667+8.22σ | 0.008+0.0σ | 0.7548+0.03σ | 0.7552+0.04σ | 139.6667+13.7σ | 304.5912+154.55σ | 0.7249+0.01σ | 0.7162+0.0σ | 25.0+23.15σ | 0.0017+0.0σ |

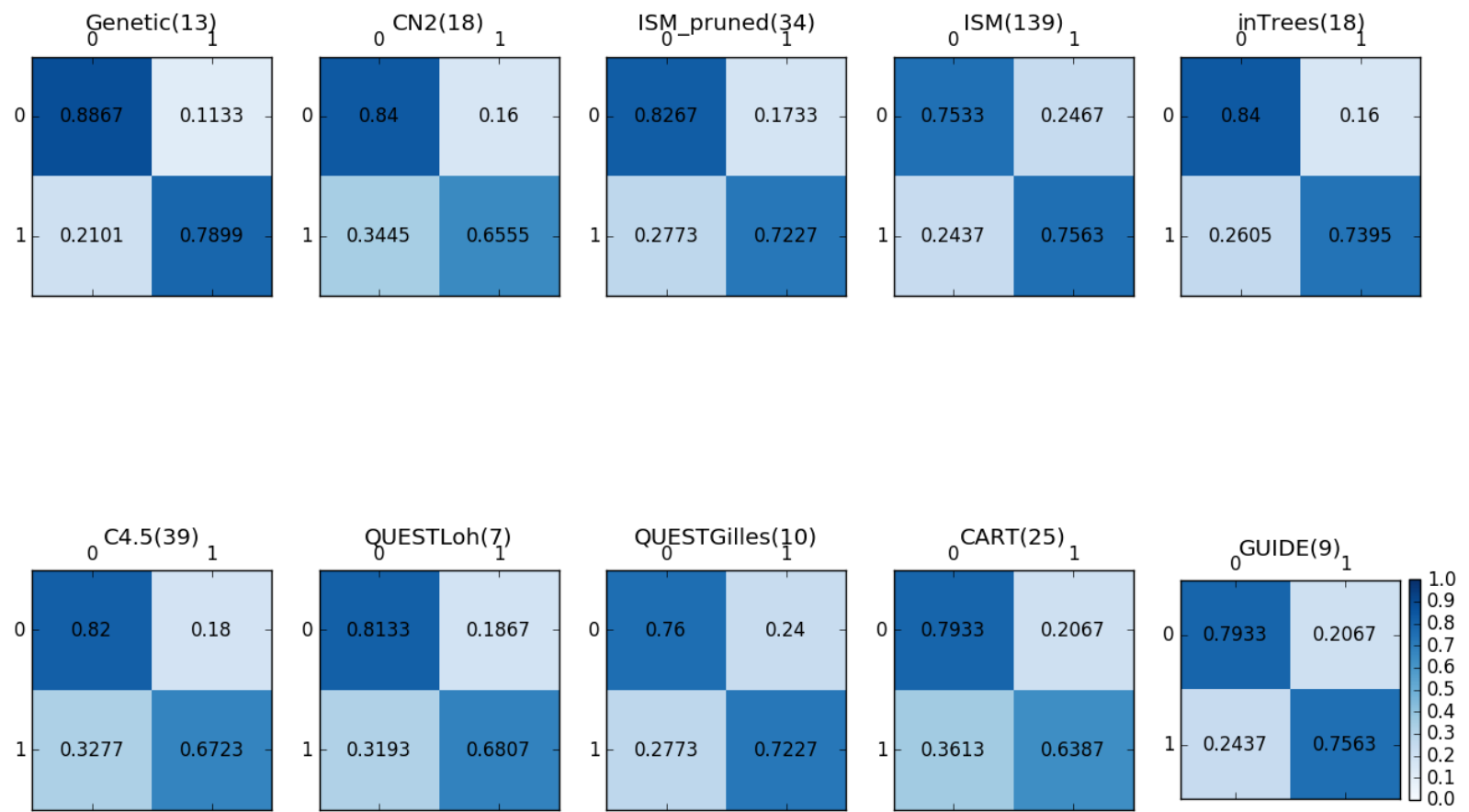| | GUIDE | | | |
|---|---|---|---|---|
| | **acc** | **balacc** | **nodes** | **time** |
| **heart** | $0.777+0.03\sigma$ | $0.7749+0.02\sigma$ | $9.0+2.83\sigma$ | $0.1622+0.02\sigma$ |



Figure 1: Confusion matrix for heart