**3.B Informed Search Performance Across All Grids with Duplicate Detection**

As previously stated, all informed searches using duplicate detection solved all seeds for all grids. Their statistics for each grid size are aggregated into tables to show their performance. Results are averages over the 3 seeds for each of the 4 grid sizes.

**3.B.1 4-Grid Performance**

**3.B.1.a Average Total Number of Nodes Expanded**

**3.B.1.b Average Total Time of the Search**

**3.B.1.c Average Total Score**

**3.B.2 8-Grid Performance**

**3.B.2.a Average Total Number of Nodes Expanded**

**3.B.2.b Average Total Time of the Search**

**3.B.2.c Average Total Score**

**3.B.3 16-Grid Performance**

**3.B.3.a Average Total Number of Nodes Expanded**

**3.B.3.b Average Total Time of the Search**

**3.B.3.c Average Total Score**

**3.B.4 32-Grid Performance**

**3.B.4.a Average Total Number of Nodes Expanded**

**3.B.4.b Average Total Time of the Search**

**3.B.4.c Average Total Score**

Scores here are identical for all A\* variations.