

## PAIRWISE DISTRIBUTION COMPARISON SUMMARY

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Total Datasets: 13

Total Pairwise Comparisons: 156

Mann-Whitney U Test Results:

- Significant Differences: 10 (6.4%)
- Not Significant: 146 (93.6%)

Kolmogorov-Smirnov Test Results:

- Significant Differences: 6 (3.8%)
- Not Significant: 150 (96.2%)

Agreement Between Tests:

- Both Tests Significant: 6 (3.8%)
- Only Mann-Whitney Significant: 4
- Only Kolmogorov-Smirnov Significant: 0

Test Parameters:

- Significance Level:  $\alpha = 0.05$
- Alternative Hypothesis: Two-sided

Legend for Combined Matrix:

- \*\*\* = Both tests show significant difference
- \* = One test shows significant difference
- ns = No significant difference found

Grid Configurations (sorted by size):

1. 8 10 8
2. 8 11 8
3. 8 12 8
4. 8 13 8
5. 8 14 8
6. 8 2 8
7. 8 3 8
8. 8 4 8
9. 8 5 8
10. 8 6 8
11. 8 7 8
12. 8 8 8
13. 8 9 8