**Detailed Method Analysis: SLICED\_WASSERSTEIN Test** Effect Size Detection - SLICED WASSERSTEIN **Power Progression - SLICED\_WASSERSTEIN** P-value Distribution - SLICED\_WASSERSTEIN - Equiprobable Equiprobable  $- - \alpha = 0.05$ 1.0 16 0.45 14 8.0 0.40 12 Mean Distance 25.0 Frequency 8 0.30 0.2 0.25 0.0 0.02 100 200 300 400 500 600 700 800 900 100 200 300 400 500 600 700 800 900 0.00 0.01 0.03 0.04 0.05 Sample Size **Sample Size** P-value **Performance Summary - SLICED\_WASSERSTEIN** Method Ranking by Sample Size - SLICED\_WASSERSTEIN 1.0 - 1.8 8.0 Distance (M±SD) Med P-val Power (M±SD) Method - 1.6 - 1.6 - 1.8 - 1.8 - 1.4 - 1.8 - 1.6 0.6 Equiprobable -Insufficient data for pairwise comparisons 0.4 0.347±0.097 18 Equiprobable  $1.00\pm0.00$ 0.000 - 1.2 0.2 0.0 100 400 0.6 900 0.0 0.2 0.4 8.0 1.0 **Sample Size**