**Wilcoxon rank sum test details of group comparisons:** The $P$ and $W$ values from Wilcoxon rank sum test when comparing groups "No tremor" (denoted as NoTr), "Tremor" (Tr), "Hand tremor" (HTr), and "Plays with hand tremor" (PHTr) for each feature; AUC for all four frequency areas (dyskinesia, rest, postural, kinetic), PV, F0, F50, SF50, $|F50 - F0|$ and TIP.

|                | NoTr vs Tr | NoTr vs HTr | NoTr vs PHTr | Tr vs HTr     | Tr vs PHTr     | HTr vs PHTr |
|----------------|------------|-------------|--------------|---------------|---------------|-------------|
| **AUC, dysk., P (W)** | <.001 (95554) | <.001 (279269) | <.001 (176311) | <.001 (480937.5) | .03 (326592.5) | <.001 (209757.5) |
| **AUC, rest, P (W)**     | <.001 (58585) | <.001 (327848) | <.001 (209449) | .89 (525131.5) | <.001 (382726.5) | <.001 (224180.5) |
| **AUC, post., P (W)**    | <.001 (28556) | <.001 (299059) | <.001 (190076) | .02 (494993.5) | <.001 (358996.5) | <.001 (213804.5) |
| **AUC, kin., P (W)**     | <.001 (50412) | <.001 (308516) | <.001 (186968) | <.001 (466401.5) | .03 (326672.5) | <.001 (206010.5) |
| **PV, P (W)**            | <.001 (53712) | <.001 (321968) | <.001 (210707) | .49 (517502.5) | <.001 (390830.5) | <.001 (229568.5) |
| **F0, P (W)**            | <.001 (68626.5) | <.001 (279591) | <.001 (166081) | .62 (533725) | .23 (317791.5) | .3 (184325.5) |
| **F50, P (W)**           | <.001 (67504) | <.001 (291090) | <.001 (171760) | .43 (537788) | .15 (319887) | .35 (83760) |
| **SF50, P (W)**          | .71 (28077)  | .54 (189115.5) | <.001 (85810)  | .39 (514983.5) | <.001 (243630) | <.001 (145803) |
| **|F50 - F0|, P (W)** | <.001 (90239.5) | <.001 (161919.5) | <.001 (76225.5) | .18 (509067.5) | <.001 (251479) | <.001 (152991) |
| **TIP, P (W)**           | <.001 (2309)  | <.001 (315302) | <.001 (209433) | .78 (523156.5) | <.001 (392883.5) | <.001 (228775.5) |