## P-values Openrouteservice vs GraphHopper: Flanders Instances Range: 1-100

| Metric name                    | Priority | Shift  | Skills | Skills_TW | TW     |
|--------------------------------|----------|--------|--------|-----------|--------|
| meanworkingShift               | 0.7055   | 0.4963 | 0.7913 | 0.5708    | 0.4497 |
| stddevWorkingShifts            | 0.6232   | 0.5205 | 0.6232 | 0.5967    | 0.6776 |
| shortestWorkingShift           | 0.7624   | 0.7337 | 0.2899 | 0.7913    | 0.5967 |
| longestWorkingShift            | 0.0191   | 0.0126 | 0.2568 | 0.2123    | 0.0343 |
| totalDistanceMeters            | 0.9397   | 1.0    | 0.9698 | 0.8798    | 0.8798 |
| runTime                        | 1.0      | 0.2568 | 0.3258 | 0.2899    | 0.2899 |
| failureRate                    | 0.9097   | 0.6501 | 0.8798 | 0.7337    | 0.7624 |
| numberOfRoutes                 | 1.0      | 0.9698 | 1.0    | 0.8501    | 0.9698 |
| stopsLongestRoute              | 0.9397   | 0.5708 | 0.8798 | 0.8501    | 0.4497 |
| stopsShortestRoute             | 0.8798   | 0.7055 | 0.3258 | 0.7055    | 0.9097 |
| meanStops                      | 0.9397   | 0.6232 | 0.9097 | 0.8798    | 0.7055 |
| stdDevStops                    | 0.9397   | 0.9698 | 0.5453 | 0.4057    | 0.5967 |
| meanDistanceToGeographicCenter | 0.8798   | 0.7624 | 0.7055 | 0.4497    | 1.0    |
| meanTravelTimeBetweenStops     | 0.8206   | 0.8798 | 0.9698 | 0.9097    | 0.9397 |
| meanDistanceToConvexHull       | 0.5967   | 0.2568 | 0.8798 | 0.4963    | 0.7624 |

P-values Openrouteservice vs GraphHopper: Flanders Instances Range: 200-500

| Metric name                        | Priority | Shift  | Skills | Skills_TW | TW     |
|------------------------------------|----------|--------|--------|-----------|--------|
| meanworkingShift                   | 0.4233   | 0.2623 | 0.2623 | 0.025     | 0.2623 |
| stddevWorkingShifts                | 0.3367   | 0.631  | 0.5218 | 0.4233    | 0.8728 |
| shortestWorkingShift               | 0.5218   | 0.2002 | 0.4712 | 0.1495    | 0.631  |
| longestWorkingShift                | 0.0039   | 0.0039 | 0.0039 | 0.0163    | 0.0039 |
| totalDistanceMeters                | 0.5218   | 0.5218 | 0.631  | 0.631     | 0.4233 |
| runTime                            | 0.0374   | 0.4233 | 1.0    | 1.0       | 0.631  |
| failureRate                        | 0.8102   | 0.8102 | 0.7488 | 0.5218    | 0.7488 |
| numberOfRoutes                     | 0.8728   | 0.631  | 0.8728 | 0.5218    | 0.7488 |
| stopsLongestRoute                  | 0.9362   | 0.7488 | 0.8102 | 0.1735    | 0.8102 |
| stopsShortestRoute                 | 0.7488   | 0.8728 | 0.631  | 0.2623    | 0.6889 |
| meanStops                          | 0.631    | 0.9362 | 0.4233 | 0.2002    | 0.7488 |
| stdDevStops                        | 0.631    | 0.631  | 0.5752 | 0.8728    | 0.3785 |
| mean Distance To Geographic Center | 0.4233   | 0.1495 | 0.0782 | 0.4233    | 0.0374 |
| meanTravelTimeBetweenStops         | 0.5218   | 0.2002 | 0.4233 | 0.7488    | 0.2623 |
| meanDistanceToConvexHull           | 0.2623   | 0.1495 | 0.1093 | 0.1093    | 0.0163 |