

P-values Openrouteservice vs GraphHopper: Brussels
Instances Range: 1-100

Metric name	Capacity	Capacity_TW	MultiDepot	Open	PDP	PDP_TW	Sameaddresses
meanworkingShift	0.1124	0.4497	0.1797	0.0284	0.0494	0.5205	0.2899
stddevWorkingShifts	0.5453	0.4727	0.6547	0.9097	0.7337	0.6232	0.2413
shortestWorkingShift	0.5967	0.4963	0.9491	0.1509	0.1306	0.3447	0.7624
longestWorkingShift	0.0191	0.7055	0.1797	0.0494	0.0696	0.273	0.0343
totalDistanceMeters	0.8206	0.7624	0.3379	0.9097	0.8798	0.8798	0.6501
runTime	0.1306	0.0025	0.0088	0.1306	0.0963	0.0025	0.1736
failureRate	0.4727	0.2265	1.0	0.7055	0.7055	0.2568	0.4727
numberOfRoutes	0.4274	0.2899	0.1417	0.5967	0.5967	0.3447	0.2899
stopsLongestRoute	0.1124	0.0126	0.0639	0.3258	0.1736	0.0046	0.0696
stopsShortestRoute	0.0588	0.0156	0.0253	0.4963	0.0233	0.0032	0.014
meanStops	0.0312	0.0065	0.0088	0.2265	0.0539	0.0046	0.0233
stdDevStops	0.7337	0.9097	0.5229	0.6776	0.5708	0.9097	0.4274
meanDistanceToGeographicCenter	0.1988	0.0821	0.1102	0.8206	0.3258	0.4057	0.0696
meanTravelTimeBetweenStops	0.3643	0.7624	0.0845	0.7913	0.4963	0.8206	0.3447
meanDistanceToConvexHull	0.5453	0.1736	0.7494	0.8206	0.7055	0.6501	0.5967
biggestLoad	0.1405	0.0257	0.0152	0.1736			0.1212
biggestLoadVolume	0.1306	0.0257	0.0152	0.1736			0.1212
smallestLoad	0.0821	0.0233	0.0215	0.3258			0.0173
smallestLoadVolume	0.0588	0.0257	0.0215	0.3258			0.0126
meanLoad	0.0284	0.0091	0.0033	0.0963			0.0757
meanLoadVolume	0.0284	0.014	0.0033	0.0963			0.0757

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

Metric name	Capacity	Capacity_TW	MultiDepot	Open	PDP	PDP_TW	Sameaddresses
meanworkingShift	0.4233	0.7488	0.631	0.1093	0.7488	0.7488	0.4233
stddevWorkingShifts	0.8728	0.8728	0.5218	0.631	0.7488	0.8728	0.2002
shortestWorkingShift	0.4233	1.0	0.4233	0.8728	0.7488	1.0	0.8728
longestWorkingShift	0.1093	0.3367	0.7488	0.0039	0.7488	0.1093	0.2002
totalDistanceMeters	0.7488	0.631	0.8728	0.7488	0.8728	0.4233	0.8728
runTime	0.0163	0.0039	0.0374	0.0104	0.0039	0.0039	0.0039
failureRate	0.7488	0.3367	0.4233	0.4233	0.4233	0.3785	0.5218
numberOfRoutes	0.631	0.5218	0.5752	0.5752	0.5752	0.5218	0.5752
stopsLongestRoute	0.0547	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039
stopsShortestRoute	0.0547	0.0202	0.0039	0.0163	0.0039	0.3367	0.0547
meanStops	0.0547	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039
stdDevStops	0.0374	0.1282	0.298	0.1093	0.1495	0.1495	0.0656
meanDistanceToGeographicCenter	0.0039	0.0039	0.1093	0.1093	0.0547	0.0163	0.0163
meanTravelTimeBetweenStops	0.4233	0.3367	0.8728	0.8728	0.5218	0.2002	0.7488
meanDistanceToConvexHull	0.0039	0.1495	0.631	0.4233	1.0	0.0782	0.0782
biggestLoad	0.0547	0.0039	0.0039	0.0039			0.0039
biggestLoadVolume	0.0547	0.0039	0.0039	0.0039			0.0039
smallestLoad	0.0547	0.0374	0.0039	0.0065			0.0547
smallestLoadVolume	0.0547	0.0374	0.0039	0.0039			0.0547
meanLoad	0.0547	0.0039	0.0039	0.0039			0.0039
meanLoadVolume	0.0547	0.0039	0.0039	0.0039			0.0039