Model Quality Across Scenarios (Distance from Real Data)

Distance: Vanilla

Scenario	Distance JSD	Duration JSD	Radius JSD	Dtw (km)	EDR	Hausdorff (km)	Distance Gen Mean	Duration Gen Mean	Radius Gen Mean
City Center	0.206	0.020	0.271	12.786	0.566	0.617	2.106	0.369	0.373
From Center	0.300	0.021	0.359	27.062	0.694	0.971	2.200	0.367	0.393
Off Peak	0.148	0.016	0.201	10.517	0.534	0.609	2.443	0.371	0.421
Peak	0.172	0.036	0.224	9.458	0.500	0.648	2.342	0.382	0.413
Suburban	0.128	0.019	0.175	9.573	0.515	0.613	2.605	0.374	0.445
To Center	0.250	0.024	0.313	17.207	0.579	0.749	2.477	0.368	0.430
Weekday	0.151	0.018	0.202	10.064	0.527	0.610	2.442	0.371	0.421
Weekend	0.164	0.017	0.216	11.011	0.526	0.624	2.377	0.375	0.415
Within Center	0.193	0.021	0.238	6.004	0.516	0.440	1.764	0.372	0.317

Distance: Distilled

Scenario	Distance JSD	Duration JSD	Radius JSD	Dtw (km)	EDR	Hausdorff (km)	Distance Gen Mean	Duration Gen Mean	Radius Gen Mean
City Center	0.030	0.022	0.014	29.678	0.512	0.997	6.660	0.319	1.232
From Center	0.060	0.025	0.041	43.149	0.575	1.295	8.469	0.311	1.514
Off Peak	0.024	0.021	0.008	29.062	0.498	0.992	6.698	0.301	1.222
Peak	0.052	0.047	0.029	28.767	0.497	0.991	6.551	0.313	1.181
Suburban	0.026	0.026	0.009	28.653	0.490	0.990	6.684	0.293	1.207
To Center	0.061	0.030	0.038	36.288	0.559	1.148	7.624	0.310	1.393
Weekday	0.024	0.024	0.007	28.805	0.500	0.993	6.689	0.305	1.219
Weekend	0.041	0.023	0.019	29.760	0.492	0.989	6.629	0.298	1.207
Within Center	0.042	0.021	0.038	14.904	0.433	0.666	4.396	0.342	0.872

Distance: Distilled Seed44

Scenario	Distance JSD	Duration JSD	Radius JSD	Dtw (km)	EDR	Hausdorff (km)	Distance Gen Mean	Duration Gen Mean	Radius Gen Mean
City Center	0.027	0.021	0.014	28.319	0.523	0.992	6.482	0.319	1.210
From Center	0.055	0.024	0.040	37.023	0.589	1.228	8.072	0.313	1.473
Off Peak	0.020	0.018	0.006	29.619	0.502	0.983	6.517	0.309	1.205
Peak	0.034	0.041	0.030	23.108	0.495	0.930	6.027	0.335	1.153
Suburban	0.020	0.023	0.008	28.773	0.488	0.965	6.419	0.309	1.190
To Center	0.056	0.027	0.039	32.575	0.559	1.101	7.203	0.319	1.358
Weekday	0.020	0.021	0.007	28.103	0.503	0.974	6.435	0.313	1.198
Weekend	0.034	0.021	0.024	30.356	0.491	0.978	6.463	0.310	1.193
Within Center	0.047	0.022	0.042	17.905	0.441	0.714	4.574	0.328	0.874

Normalized per Metric (Green=Best, Red=Worst)