

Roundabout

Leader Follower

Collisions	Completions	Goal Times	Min Human	C Path	Smooth	Personal Space
FALSE	TRUE	392	0.6927571	1.55802946		313
FALSE	TRUE	362	0.69785897	1.63010944		319
FALSE	TRUE	373	0.73422508	1.67971095		325
FALSE	TRUE	357	0.66764645	1.48404896		305
FALSE	TRUE	351	0.72254906	1.59947569		309
FALSE	TRUE	386	0.82150068	1.61493764		381
FALSE	TRUE	351	0.8069292	1.72049344		325
FALSE	TRUE	354	0.74775245	1.58537599		291
FALSE	TRUE	342	0.84061702	1.41375124		278
FALSE	TRUE	361	0.91686624	1.68281091		303
FALSE	TRUE	369	0.73139022	1.80524892		346
FALSE	TRUE	350	0.74991437	1.39800286		303
FALSE	TRUE	352	0.91121691	1.68947093		283
FALSE	TRUE	383	0.73063724	1.71195527		313
FALSE	TRUE	382	0.80243838	1.49368391		374
FALSE	TRUE	359	0.78986112	1.55419631		278
FALSE	TRUE	356	0.75818516	1.60956138		336
FALSE	TRUE	348	0.85987006	1.53166807		233
FALSE	TRUE	360	0.77902891	1.67362972		289
FALSE	TRUE	356	0.73135828	1.60802751		312
FALSE	TRUE	361	0.69495221	1.65445078		292
FALSE	TRUE	345	0.86725752	1.67663074		304
FALSE	TRUE	359	0.73222524	1.61079443		356
FALSE	TRUE	354	0.7972151	1.50731907		305
FALSE	TRUE	357	0.80107532	1.47564625		316
FALSE	TRUE	349	0.73723138	1.61047906		267
FALSE	TRUE	359	0.76037213	1.6203261		285
FALSE	TRUE	365	0.93282385	1.56922189		247
FALSE	TRUE	347	0.72553751	1.51239324		287
FALSE	TRUE	346	0.74418606	1.56179259		288
FALSE	TRUE	381	0.72635675	1.46972268		364
FALSE	TRUE	353	0.73737879	1.49762249		318
FALSE	TRUE	377	0.76466389	1.59705405		276
FALSE	TRUE	353	0.92849127	1.49262046		310
FALSE	TRUE	350	0.68988228	1.52887662		287
FALSE	TRUE	365	0.80313192	1.6818589		348
FALSE	TRUE	370	0.80767739	1.57010031		359
FALSE	TRUE	364	0.76623932	1.62813032		331
FALSE	TRUE	356	0.77880974	1.71472986		307
FALSE	TRUE	362	0.84994932	1.69074106		273
FALSE	TRUE	338	0.85723943	1.48707624		287
FALSE	TRUE	343	0.77209795	1.418002		257

FALSE	TRUE	392	0.81673046	1.67942613	352
FALSE	TRUE	338	0.83861722	1.46461373	260
FALSE	TRUE	385	0.7807194	1.61892646	331
FALSE	TRUE	362	0.75710524	1.58545608	301
FALSE	TRUE	353	0.88571844	1.58755842	311
FALSE	TRUE	365	0.95618007	1.60731716	252
FALSE	TRUE	367	0.85133004	1.53478753	323
FALSE	TRUE	356	0.7797846	1.63391306	297
FALSE	TRUE	355	0.72812939	1.52288245	323
FALSE	TRUE	347	0.79839451	1.50581682	287
FALSE	TRUE	368	0.95663909	1.63809831	343
FALSE	TRUE	417	0.70056361	1.72476463	497
FALSE	TRUE	360	0.77821643	1.61320325	309
FALSE	TRUE	352	0.73969113	1.56745869	262
FALSE	TRUE	374	0.7425926	1.5577854	285
FALSE	TRUE	368	0.71349878	1.53131259	285
FALSE	TRUE	351	0.80872613	1.58150582	324
FALSE	TRUE	365	0.77328337	1.67332939	338
FALSE	TRUE	347	0.83876598	1.50163594	290
FALSE	TRUE	340	0.73308603	1.48342993	249
FALSE	TRUE	344	0.74401864	1.57718976	322
FALSE	TRUE	361	0.76211771	1.58693088	318
FALSE	TRUE	348	0.75123076	1.52327731	280
FALSE	TRUE	346	0.75507795	1.62397893	298
FALSE	TRUE	386	0.76565925	1.55686056	299
FALSE	TRUE	344	0.88144643	1.50027203	320
FALSE	TRUE	359	0.82190193	1.74544537	359
FALSE	TRUE	360	0.81418951	1.60751067	317
FALSE	TRUE	369	0.75178516	1.62395398	302
FALSE	TRUE	343	0.66827612	1.47820503	245
FALSE	TRUE	353	0.77650707	1.5926304	304
FALSE	TRUE	374	0.64657597	1.74952738	351
FALSE	TRUE	372	0.82689441	1.49242165	288
FALSE	TRUE	360	0.74301781	1.58345069	362
FALSE	TRUE	348	0.86808747	1.53962753	312
FALSE	TRUE	357	0.83422863	1.56349633	297
FALSE	TRUE	360	0.77449992	1.56505745	323
FALSE	TRUE	352	0.85554346	1.59773246	307
FALSE	TRUE	351	0.85254	1.69777169	325
FALSE	TRUE	361	0.76073724	1.63834834	263
FALSE	TRUE	356	0.86932078	1.58836798	287
FALSE	TRUE	362	0.77006835	1.61939393	302
FALSE	TRUE	344	0.6968319	1.4529638	262
FALSE	TRUE	383	0.7433752	1.68985366	345
FALSE	TRUE	356	0.7603197	1.51843127	273

FALSE	TRUE	358	0.75392082	1.61921601	309
FALSE	TRUE	364	0.82495716	1.48590164	341
FALSE	TRUE	344	0.7224906	1.54620974	258
FALSE	TRUE	389	0.67501142	1.4730975	416
FALSE	TRUE	356	0.73764622	1.61440587	313
FALSE	TRUE	360	0.81889886	1.53155839	329
FALSE	TRUE	358	0.66203148	1.54472483	424
FALSE	TRUE	342	0.83858184	1.55113711	334
FALSE	TRUE	343	0.79908627	1.52843275	293
FALSE	TRUE	365	0.68781571	1.64864493	438
FALSE	TRUE	364	0.74235713	1.65946285	327
FALSE	TRUE	358	0.81043948	1.69213115	244
FALSE	TRUE	361	0.80703847	1.581744	291

MPC

Collisions	Completions	Goal Times	Min Human	C Path	Smooth	Personal Space
FALSE	TRUE	134	2.09658573	0.41690313	163	
FALSE	TRUE	134	2.11070758	0.64596302	192	
FALSE	TRUE	134	2.04280299	0.64196721	173	
FALSE	TRUE	134	1.93754728	0.66043077	180	
FALSE	TRUE	134	1.99542446	0.41367991	193	
FALSE	TRUE	134	1.96702354	0.47283257	186	
FALSE	TRUE	134	2.12453031	0.65574187	181	
FALSE	TRUE	135	2.66241534	0.51118681	162	
FALSE	TRUE	134	2.14032007	0.41522738	174	
FALSE	TRUE	134	2.03089442	0.64502962	173	
FALSE	TRUE	134	1.98017428	0.4619025	171	
FALSE	TRUE	135	2.36325205	0.60481813	182	
FALSE	TRUE	134	2.32336015	0.59821828	183	
FALSE	TRUE	134	2.01190079	0.65597892	172	
FALSE	TRUE	134	1.95480703	0.6168301	177	
FALSE	TRUE	135	2.02273831	0.51932968	167	
FALSE	TRUE	135	1.97665827	0.48375287	181	
FALSE	TRUE	134	1.98592881	0.48476028	192	
FALSE	TRUE	134	1.9982229	0.65480868	186	
FALSE	TRUE	135	2.01535842	0.64833986	188	
FALSE	TRUE	135	2.01937733	0.66562746	177	
FALSE	TRUE	135	2.06319744	0.51077183	176	
FALSE	TRUE	134	1.95788491	0.66590249	176	
FALSE	TRUE	137	1.97080129	0.65501728	187	
FALSE	TRUE	135	2.00577567	0.51615965	176	
FALSE	TRUE	134	1.98446472	0.51300735	188	
FALSE	TRUE	135	2.00057321	0.60722594	176	
FALSE	TRUE	134	1.9730542	0.41940622	184	
FALSE	TRUE	134	1.95512464	0.70772434	168	
FALSE	TRUE	134	2.14271675	0.65142581	169	
FALSE	TRUE	135	1.96115688	0.43452752	179	
FALSE	TRUE	134	1.99492565	0.70579333	187	
FALSE	TRUE	135	2.12529475	0.60154757	169	
FALSE	TRUE	135	2.01971785	0.61244973	168	
FALSE	FALSE	600	2.01420415	0.78620822	661	
FALSE	TRUE	134	1.9682797	0.56613696	187	
FALSE	TRUE	134	1.97369454	0.46277212	181	
FALSE	TRUE	139	1.75425494	0.73896384	181	
FALSE	TRUE	134	2.10875451	0.70267762	185	
FALSE	FALSE	600	1.95966923	0.79050225	650	
FALSE	TRUE	138	1.99570393	0.64339714	193	
FALSE	TRUE	135	1.96606675	0.61223276	177	

FALSE	TRUE	135	2.01452888	0.66401404	177
FALSE	TRUE	134	1.9826921	0.56099418	180
FALSE	TRUE	135	1.96815293	0.51828767	177
FALSE	TRUE	134	1.98024559	0.42667525	174
FALSE	TRUE	134	1.97295965	0.65775859	185
FALSE	TRUE	141	1.83784481	0.6140949	196
FALSE	TRUE	135	2.24540096	0.55107176	169
FALSE	TRUE	134	1.94331997	0.4320923	175
FALSE	TRUE	138	1.97418705	0.60436738	188
FALSE	TRUE	138	1.90455439	0.69875396	190
FALSE	TRUE	134	1.98800524	0.51526313	173
FALSE	TRUE	136	1.96365979	0.62658852	184
FALSE	TRUE	134	2.01175025	0.46897798	178
FALSE	TRUE	139	1.94180823	0.60720019	188
FALSE	TRUE	134	2.19544641	0.4182559	166
FALSE	TRUE	134	2.02387896	0.65285536	185
FALSE	TRUE	135	2.05114805	0.51751711	176
FALSE	TRUE	134	2.21598923	0.4140341	175
FALSE	TRUE	135	2.22008599	0.55871427	186
FALSE	TRUE	135	2.08277792	0.50543442	173
FALSE	TRUE	137	1.85018077	0.70634967	180
FALSE	TRUE	135	1.98692728	0.56194846	179
FALSE	TRUE	134	1.96021766	0.71168283	169
FALSE	TRUE	133	1.96516537	0.66574372	164
FALSE	TRUE	134	1.977895	0.66244627	172
FALSE	TRUE	135	2.0603332	0.72557775	190
FALSE	TRUE	135	2.39022604	0.50883067	170
FALSE	TRUE	134	1.96549411	0.52140613	172
FALSE	TRUE	134	2.05085892	0.46252783	171
FALSE	TRUE	134	2.00204511	0.65576099	189
FALSE	TRUE	134	1.96111958	0.66821962	174
FALSE	TRUE	139	1.91723754	0.70191123	190
FALSE	TRUE	134	2.05435804	0.64733899	170
FALSE	TRUE	135	2.30043507	0.512997	162
FALSE	TRUE	135	2.25459791	0.60115668	166
FALSE	TRUE	135	2.19184655	0.64672852	159
FALSE	TRUE	135	2.24532541	0.56173847	179
FALSE	TRUE	140	1.89340089	0.73502601	197
FALSE	TRUE	135	1.88926204	0.57408981	176
FALSE	TRUE	134	2.00632954	0.61154219	186
FALSE	TRUE	135	2.12806365	0.50723685	188
FALSE	TRUE	135	1.96467646	0.6128339	179
FALSE	TRUE	134	2.05343652	0.64349623	173
FALSE	TRUE	134	1.97585069	0.42394661	187
FALSE	TRUE	135	1.9592056	0.71676281	179

FALSE	TRUE	134	1.88245338	0.57230116	168
FALSE	TRUE	138	1.91168853	0.70100065	178
FALSE	TRUE	135	2.02897719	0.61905164	170
FALSE	TRUE	134	1.97812448	0.65446591	167
FALSE	TRUE	135	1.94714851	0.71404101	183
FALSE	TRUE	134	1.98549944	0.60853243	164
FALSE	TRUE	134	1.95554546	0.66262669	169
FALSE	TRUE	135	1.97105328	0.56492752	178
FALSE	TRUE	134	2.19030244	0.64392338	184
FALSE	TRUE	135	2.0675305	0.59975659	175
FALSE	TRUE	135	2.00417265	0.57107731	176
FALSE	TRUE	134	2.09848439	0.42016994	167
FALSE	TRUE	134	2.00583137	0.64699237	170

Black Friday**Leader Follower**

Collisions	Completions	Goal Times	Min Human	C Path	Smooth	Personal Space
FALSE	FALSE	1000	0.76167398	2.40583827		1239
FALSE	FALSE	1000	0.69978443	2.63489476		1227
TRUE	FALSE	1000	0.77028193	1.06499254		407
FALSE	FALSE	1000	0.6573015	2.49771302		1272
FALSE	TRUE	145	0.57110457	2.54524357		1370
FALSE	FALSE	1000	0.65604559	2.51025435		1300
FALSE	FALSE	1000	0.72484015	2.46047744		1340
FALSE	FALSE	1000	0.71456253	2.52849435		1413
FALSE	FALSE	1000	0.71716926	2.35098702		1252
FALSE	FALSE	1000	0.67240121	2.36715167		1440
FALSE	FALSE	1000	0.64870458	2.58089746		1382
FALSE	FALSE	1000	0.66830806	2.58037589		1320
FALSE	FALSE	1000	0.70587371	2.54917466		1534
FALSE	FALSE	1000	0.72977572	2.40976605		1392
FALSE	FALSE	1000	0.68085095	2.48723344		1516
FALSE	FALSE	1000	0.66809153	2.56943129		1228
FALSE	FALSE	1000	0.67631182	2.44264652		1323
FALSE	FALSE	1000	0.78515979	2.40495091		1312
FALSE	FALSE	1000	0.65209197	2.51301067		1496
FALSE	FALSE	1000	0.67762512	2.42942592		1695
FALSE	FALSE	1000	0.68206492	2.5156431		1353
TRUE	FALSE	1000	0.62090258	1.34873783		1086
FALSE	FALSE	1000	0.75021796	2.46013932		1565
FALSE	TRUE	328	0.58258908	2.52733121		1397
FALSE	FALSE	1000	0.74521677	2.58807021		1301
FALSE	FALSE	1000	0.66091105	2.55253393		1407
FALSE	FALSE	1000	0.67073252	2.55236911		1260
TRUE	FALSE	1000	0.66756842	1.16456226		324
FALSE	FALSE	1000	0.64456718	2.43061714		1249
FALSE	TRUE	145	0.5971804	2.50294231		1321
FALSE	FALSE	1000	0.69601779	2.55168906		1416
FALSE	FALSE	1000	0.6568041	2.53531567		1418
FALSE	FALSE	1000	0.67043042	2.46111131		1439
FALSE	FALSE	1000	0.72885604	2.4519269		1070
FALSE	FALSE	1000	0.70627921	2.61934353		1388
FALSE	FALSE	1000	0.6480628	2.47500235		1385
FALSE	FALSE	1000	0.71299127	2.56862748		1603
FALSE	FALSE	1000	0.70304878	2.4155894		1172
FALSE	FALSE	1000	0.69841792	2.45095197		1403
FALSE	FALSE	1000	0.6423392	2.4452702		1392
FALSE	FALSE	1000	0.7531687	2.54284659		1295
TRUE	FALSE	1000	0.70241712	0.98061888		626

FALSE	FALSE	1000	0.69669234	2.41565493	1255
FALSE	TRUE	210	0.49354436	2.53338482	1425
FALSE	FALSE	1000	0.6658783	2.41633852	1303
FALSE	FALSE	1000	0.73457016	2.59328316	1370
FALSE	FALSE	1000	0.67708298	2.44378268	1337
FALSE	FALSE	1000	0.70155157	2.52703767	1375
FALSE	FALSE	1000	0.71198449	2.50653367	1411
FALSE	FALSE	1000	0.67339761	2.47693998	1501
FALSE	FALSE	1000	0.69661251	2.56232529	1670
FALSE	FALSE	1000	0.7279882	2.61420462	1438
FALSE	FALSE	1000	0.72446756	2.51735002	1466
FALSE	FALSE	1000	0.70756955	2.44296587	1401
FALSE	FALSE	1000	0.70405833	2.33677803	1225
FALSE	FALSE	1000	0.68435854	2.54052114	1420
FALSE	FALSE	1000	0.61589249	2.47053774	1410
FALSE	FALSE	1000	0.77335532	2.61129012	1258
FALSE	FALSE	1000	0.60696231	2.40801513	1320
FALSE	FALSE	1000	0.69288683	2.49042337	1340
FALSE	FALSE	1000	0.72034703	2.55433514	1367
FALSE	FALSE	1000	0.70273042	2.52757441	1367
FALSE	FALSE	1000	0.69984051	2.55667157	1528
FALSE	FALSE	1000	0.67411339	2.46460203	1410
TRUE	FALSE	1000	0.6795048	1.191796	378
FALSE	FALSE	1000	0.72776099	2.54444005	1326
FALSE	TRUE	150	0.55866793	2.50430161	1577
FALSE	FALSE	1000	0.67162679	2.44126513	1440
FALSE	FALSE	1000	0.68157866	2.48091503	1272
FALSE	FALSE	1000	0.70508151	2.45591661	1373
TRUE	FALSE	1000	0.71646152	1.37767847	382
FALSE	FALSE	1000	0.64811645	2.37123994	1349
FALSE	TRUE	143	0.54742183	2.43878192	1541
FALSE	FALSE	1000	0.66763861	2.51144379	1432
FALSE	FALSE	1000	0.68501046	2.39891238	1327
FALSE	FALSE	1000	0.76600594	2.49519655	1483
FALSE	FALSE	1000	0.7472239	2.55330873	1713
FALSE	FALSE	1000	0.69193638	2.47890264	1607
FALSE	FALSE	1000	0.67215496	2.49369746	1458
FALSE	FALSE	1000	0.69108962	2.49323236	1320
FALSE	FALSE	1000	0.700064	2.49185951	1188
FALSE	FALSE	1000	0.72663916	2.36945506	1369
FALSE	FALSE	1000	0.70878886	2.5063887	1257
FALSE	FALSE	1000	0.72449734	2.4709727	1398
FALSE	FALSE	1000	0.71652943	2.35182187	1324
FALSE	FALSE	1000	0.66636732	2.41215029	1152
FALSE	FALSE	1000	0.72819816	2.57081897	1706

FALSE	FALSE	1000	0.7347742	2.50217941	1218
FALSE	FALSE	1000	0.67667281	2.3452394	1237
FALSE	FALSE	1000	0.70405182	2.46651564	1231
FALSE	FALSE	1000	0.68480351	2.53136456	1316
FALSE	FALSE	1000	0.72433775	2.61516053	1403
FALSE	FALSE	1000	0.75449816	2.53349407	1405
FALSE	FALSE	1000	0.72785956	2.51289984	1421
FALSE	FALSE	1000	0.73772218	2.48017384	1510
FALSE	FALSE	1000	0.72285045	2.50983588	1233
FALSE	FALSE	1000	0.73355933	2.39448628	1387
FALSE	FALSE	1000	0.7034245	2.55824757	1109
FALSE	FALSE	1000	0.72958287	2.43889288	1559
FALSE	FALSE	1000	0.67852368	2.55544336	1407

MPC

Collisions	Completions	Goal Times	Min Human	C Path	Smooth	Personal Space
FALSE	FALSE	1000	1.09352351	1.46802107	1748	
FALSE	FALSE	1000	1.40889656	1.63444053	1512	
FALSE	FALSE	1000	1.17412768	1.74633308	1098	
FALSE	FALSE	1000	0.95792288	1.05746104	3473	
FALSE	FALSE	1000	0.86943177	1.53950237	1985	
FALSE	FALSE	1000	0.80991761	1.17835422	3275	
FALSE	TRUE	982	1.06756287	1.27762031	2217	
FALSE	FALSE	1000	0.93045194	1.3292431	2861	
FALSE	FALSE	1000	1.14814029	1.46510244	2038	
FALSE	FALSE	1000	1.10686223	1.20188708	1890	
FALSE	TRUE	955	0.87910728	1.53973061	1537	
FALSE	FALSE	1000	0.82180441	1.10239812	2937	
FALSE	TRUE	907	0.8825973	1.5396724	1704	
FALSE	TRUE	959	1.12955086	1.22858239	1692	
FALSE	FALSE	1000	1.12667705	1.17038464	3436	
FALSE	FALSE	1000	1.16097921	1.67826869	1338	
FALSE	FALSE	1000	0.95194133	1.20616039	2539	
FALSE	FALSE	1000	1.14099391	1.56554493	1507	
FALSE	FALSE	1000	1.05501044	1.58883153	1584	
FALSE	FALSE	1000	1.20681088	1.59817533	1346	
FALSE	FALSE	1000	1.20216643	0.94103292	2648	
FALSE	FALSE	1000	1.10318346	1.56623526	1803	
FALSE	FALSE	1000	1.09070918	1.42200285	1231	
FALSE	FALSE	1000	0.93135433	1.47274773	1924	
FALSE	FALSE	1000	0.88436925	1.30730861	1582	
FALSE	FALSE	1000	0.70308432	1.71709381	1596	
FALSE	FALSE	1000	1.16705872	1.44831147	1644	
FALSE	FALSE	1000	1.19719176	1.55121732	1585	
FALSE	FALSE	1000	0.99749345	1.71668062	1891	
FALSE	FALSE	1000	1.05826591	1.62807318	1602	
FALSE	FALSE	1000	1.00066055	1.1951636	2646	
FALSE	FALSE	1000	1.3983648	1.63695296	1747	
FALSE	FALSE	1000	1.43635748	1.70596786	1842	
FALSE	FALSE	1000	1.14772693	1.52375241	1803	
FALSE	FALSE	1000	1.10042112	1.56888104	1566	
FALSE	FALSE	1000	1.32852426	1.56076899	1563	
FALSE	FALSE	1000	0.95559961	1.62068563	1976	
FALSE	FALSE	1000	0.91455157	1.11972759	3410	
FALSE	FALSE	1000	0.82976285	1.67550581	2014	
FALSE	FALSE	1000	1.17419655	1.43064397	1481	
FALSE	FALSE	1000	1.07268589	1.57748887	1516	
FALSE	FALSE	1000	0.95810517	1.53269884	1615	

FALSE	FALSE	1000	1.04461689	1.79350032	1324
FALSE	FALSE	1000	1.12297875	1.85740032	1238
FALSE	FALSE	1000	1.09192657	1.59001093	1378
FALSE	FALSE	1000	1.11487738	1.27664333	2346
FALSE	FALSE	1000	1.14851695	1.60729657	1656
FALSE	FALSE	1000	1.0733349	1.63165906	1254
FALSE	FALSE	1000	0.988407	1.77739673	1493
FALSE	FALSE	1000	1.13772432	1.64259489	1754
FALSE	FALSE	1000	0.90185485	1.35695932	2170
FALSE	FALSE	1000	0.92041126	1.54996127	1762
FALSE	FALSE	1000	1.39414467	1.51901909	1707
FALSE	FALSE	1000	0.81679642	1.42755164	1516
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FALSE	FALSE	1000	0.94932133	1.54695418	1747
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