

Sample fN Pairs (Year 2011 Scenario - transport events for OWTF)

event_id	sub_event_id	weather_class_id	direction_id	population_id	sub_population_id	N_TM1	F_TM1	N_TM2	F_TM2	N_TM3	F_TM3	N_TM4	F_TM4	N_TM5	F_TM5	N_TM6	F_TM6
RT_LE024KG	1	0.5D	315	P19	OWTF	0.009423	3.97E-11	0.009423	2.25E-10	0.000471	1.32E-10	0.000471	1.59E-10	0.000471	0	0.000471	0
RT_LE024KG	1	0.5D	337.5	P19	OWTF	0.009423	3.14E-11	0.009423	1.78E-10	0.000471	1.05E-10	0.000471	1.26E-10	0.000471	0	0.000471	0
RT_LE024KG	1	1F	292.5	P19	OWTF	0.018845	4.9E-10	0.018845	2.78E-09	0.000942	1.63E-09	0.000942	1.96E-09	0.000942	0	0.000942	0
RT_LE024KG	1	1F	315	P19	OWTF	0.084804	2.78E-10	0.084804	1.58E-09	0.00424	9.28E-10	0.00424	1.11E-09	0.00424	0	0.00424	0
RT_LE024KG	1	1F	337.5	P19	OWTF	0.084804	2.25E-10	0.084804	1.27E-09	0.00424	7.49E-10	0.00424	8.99E-10	0.00424	0	0.00424	0
RT_LE024KG	2	0.5B	315	P19	OWTF	0.028268	2.86E-11	0.028268	1.62E-10	0.001413	9.54E-11	0.001413	1.15E-10	0.001413	0	0.001413	0
RT_LE024KG	2	0.5B	337.5	P19	OWTF	0.018845	3.17E-11	0.018845	1.8E-10	0.000942	1.06E-10	0.000942	1.27E-10	0.000942	0	0.000942	0
RT_LE024KG	2	0.5D	0	P19	OWTF	0.018845	4.67E-11	0.018845	2.65E-10	0.000942	1.56E-10	0.000942	1.87E-10	0.000942	0	0.000942	0
RT_LE024KG	2	0.5D	292.5	P19	OWTF	0.018845	6.05E-11	0.018845	3.43E-10	0.000942	2.02E-10	0.000942	2.42E-10	0.000942	0	0.000942	0
RT_LE024KG	2	0.5D	315	P19	OWTF	0.037691	3.97E-11	0.037691	2.25E-10	0.001885	1.32E-10	0.001885	1.59E-10	0.001885	0	0.001885	0
RT_LE024KG	2	0.5D	337.5	P19	OWTF	0.056536	3.14E-11	0.056536	1.78E-10	0.002827	1.05E-10	0.002827	1.26E-10	0.002827	0	0.002827	0
RT_LE024KG	2	1F	0	P19	OWTF	0.037691	3.17E-10	0.037691	1.8E-09	0.001885	1.06E-09	0.001885	1.27E-09	0.001885	0	0.001885	0
RT_LE024KG	2	1F	315	P19	OWTF	0.113072	2.78E-10	0.113072	1.58E-09	0.005654	9.28E-10	0.005654	1.11E-09	0.005654	0	0.005654	0
RT_LE024KG	2	1F	337.5	P19	OWTF	0.113072	2.25E-10	0.113072	1.27E-09	0.005654	7.49E-10	0.005654	8.99E-10	0.005654	0	0.005654	0
RT_LE024KG	3	0.5B	0	P19	OWTF	0.028268	2.27E-11	0.028268	1.29E-10	0.001413	7.56E-11	0.001413	9.08E-11	0.001413	0	0.001413	0
RT_LE024KG	3	0.5B	315	P19	OWTF	0.075382	2.86E-11	0.075382	1.62E-10	0.003769	9.54E-11	0.003769	1.15E-10	0.003769	0	0.003769	0
RT_LE024KG	3	0.5B	337.5	P19	OWTF	0.10365	3.17E-11	0.10365	1.8E-10	0.005182	1.06E-10	0.005182	1.27E-10	0.005182	0	0.005182	0
RT_LE024KG	3	0.5D	0	P19	OWTF	0.084804	4.67E-11	0.084804	2.65E-10	0.00424	1.56E-10	0.00424	1.87E-10	0.00424	0	0.00424	0
RT_LE024KG	3	0.5D	315	P19	OWTF	0.10365	3.97E-11	0.10365	2.25E-10	0.005182	1.32E-10	0.005182	1.59E-10	0.005182	0	0.005182	0
RT_LE024KG	3	0.5D	337.5	P19	OWTF	0.150763	3.14E-11	0.150763	1.78E-10	0.007538	1.05E-10	0.007538	1.26E-10	0.007538	0	0.007538	0
RT_LE024KG	3	1F	0	P19	OWTF	0.113072	3.17E-10	0.113072	1.8E-09	0.005654	1.06E-09	0.005654	1.27E-09	0.005654	0	0.005654	0
RT_LE024KG	3	1F	315	P19	OWTF	0.122495	2.78E-10	0.122495	1.58E-09	0.006125	9.28E-10	0.006125	1.11E-09	0.006125	0	0.006125	0
RT_LE024KG	3	1F	337.5	P19	OWTF	0.141341	2.25E-10	0.141341	1.27E-09	0.007067	7.49E-10	0.007067	8.99E-10	0.007067	0	0.007067	0
RT_LE024KG	4	0.5B	0	P19	OWTF	0.10365	2.27E-11	0.10365	1.29E-10	0.005182	7.56E-11	0.005182	9.08E-11	0.005182	0	0.005182	0
RT_LE024KG	4	0.5B	22.5	P19	OWTF	0.018845	2.45E-11	0.018845	1.39E-10	0.000942	8.17E-11	0.000942	9.81E-11	0.000942	0	0.000942	0
RT_LE024KG	4	0.5B	315	P19	OWTF	0.075382	2.86E-11	0.075382	1.62E-10	0.003769	9.54E-11	0.003769	1.15E-10	0.003769	0	0.003769	0
RT_LE024KG	4	0.5B	337.5	P19	OWTF	0.169609	3.17E-11	0.169609	1.8E-10	0.00848	1.06E-10	0.00848	1.27E-10	0.00848	0	0.00848	0
RT_LE024KG	4	0.5D	0	P19	OWTF	0.169609	4.67E-11	0.169609	2.65E-10	0.00848	1.56E-10	0.00848	1.87E-10	0.00848	0	0.00848	0
RT_LE024KG	4	0.5D	22.5	P19	OWTF	0.028268	5.01E-11	0.028268	2.84E-10	0.001413	1.67E-10	0.001413	2.01E-10	0.001413	0	0.001413	0
RT_LE024KG	4	0.5D	315	P19	OWTF	0.084804	3.97E-11	0.084804	2.25E-10	0.00424	1.32E-10	0.00424	1.59E-10	0.00424	0	0.00424	0
RT_LE024KG	4	0.5D	337.5	P19	OWTF	0.2073	3.14E-11	0.2073	1.78E-10	0.010365	1.05E-10	0.010365	1.26E-10	0.010365	0	0.010365	0
RT_LE024KG	4	1F	0	P19	OWTF	0.141341	3.17E-10	0.141341	1.8E-09	0.007067	1.06E-09	0.007067	1.27E-09	0.007067	0	0.007067	0
RT_LE024KG	4	1F	22.5	P19	OWTF	0.037691	2.92E-10	0.037691	1.66E-09	0.001885	9.75E-10	0.001885	1.17E-09	0.001885	0	0.001885	0
RT_LE024KG	4	1F	315	P19	OWTF	0.037691	2.78E-10	0.037691	1.58E-09	0.001885	9.28E-10	0.001885	1.11E-09	0.001885	0	0.001885	0
RT_LE024KG	4	1F	337.5	P19	OWTF	0.150763	2.25E-10	0.150763	1.27E-09	0.007538	7.49E-10	0.007538	8.99E-10	0.007538	0	0.007538	0
RT_LE024KG	4	3E	337.5	P19	OWTF	0.009423	6.3E-11	0.009423	3.57E-10	0.000471	2.1E-10	0.000471	2.52E-10	0.000471	0	0.000471	0
RT_LE024KG	5	0.5B	0	P19	OWTF	0.179031	2.27E-11	0.179031	1.29E-10	0.008952	7.56E-11	0.008952	9.08E-11	0.008952	0	0.008952	0
RT_LE024KG	5	0.5B	22.5	P19	OWTF	0.075382	2.45E-11	0.075382	1.39E-10	0.003769	8.17E-11	0.003769	9.81E-11	0.003769	0	0.003769	0
RT_LE024KG	5	0.5B	315	P19	OWTF	0.018845	2.86E-11	0.018845	1.62E-10	0.000942	9.54E-11	0.000942	1.15E-10	0.000942	0	0.000942	0
RT_LE024KG	5	0.5B	337.5	P19	OWTF	0.141341	3.17E-11	0.141341	1.8E-10	0.007067	1.06E-10	0.007067	1.27E-10	0.007067	0	0.007067	0
RT_LE024KG	5	0.5D	0	P19	OWTF	0.254413	4.67E-11	0.254413	2.65E-10	0.012721	1.56E-10	0.012721	1.87E-10	0.012721	0	0.012721	0
RT_LE024KG	5	0.5D	22.5	P19	OWTF	0.094227	5.01E-11	0.094227	2.84E-10	0.004711	1.67E-10	0.004711	2.01E-10	0.004711	0	0.004711	0
RT_LE024KG	5	0.5D	315	P19	OWTF	0.037691	3.97E-11	0.037691	2.25E-10	0.001885	1.32E-10	0.001885	1.59E-10	0.001885	0	0.001885	0
RT_LE024KG	5	0.5D	337.5	P19	OWTF	0.160186	3.14E-11	0.160186	1.78E-10	0.008009	1.05E-10	0.008009	1.26E-10	0.008009	0	0.008009	0
RT_LE024KG	5	1F	0	P19	OWTF	0.197877	3.17E-10	0.197877	1.8E-09	0.009894	1.06E-09	0.009894	1.27E-09	0.009894	0	0.009894	0
RT_LE024KG	5	1F	22.5	P19	OWTF	0.10365	2.92E-10	0.10365	1.66E-09	0.005182	9.75E-10	0.005182	1.17E-09	0.005182	0	0.005182	0
RT_LE024KG	5	1F	337.5	P19	OWTF	0.122495	2.25E-10	0.122495	1.27E-09	0.006125	7.49E-10	0.006125	8.99E-10	0.006125	0	0.006125	0
RT_LE024KG	5	3E	0	P19	OWTF	0.009423	2.28E-10	0.009423	1.29E-09	0.000471	7.6E-10	0.000471	9.12E-10	0.000471	0	0.000471	0
RT_LE024KG	5	3E	337.5	P19	OWTF	0.009423	6.3E-11	0.009423	3.57E-10	0.000471	2.1E-10	0.000471	2.52E-10	0.000471	0	0.000471	0
RT_LE024KG	6	0.5B	0	P19	OWTF	0.197877	2.27E-11	0.197877	1.29E-10	0.009894	7.56E-11	0.009894	9.08E-11	0.009894	0	0.009894	0
RT_LE024KG	6	0.5B	22.5	P19	OWTF	0.131918	2.45E-11	0.131918	1.39E-10	0.006596	8.17E-11	0.006596	9.81E-11	0.006596	0	0.006596	0
RT_LE024KG	6	0.5B	337.5	P19	OWTF	0.075382	3.17E-11	0.075382	1.8E-10	0.003769	1.06E-10	0.003769	1.27E-10	0.003769	0	0.003769	0
RT_LE024KG	6	0.5D	0	P19	OWTF	0.226145	4.67E-11	0.226145	2.65E-10	0.011307	1.56E-10	0.011307	1.87E-10	0.011307	0	0.011307	0
RT_LE024KG	6	0.5D	22.5	P19	OWTF	0.169609	5.01E-11	0.169609	2.84E-10	0.00848	1.67E-10	0.00848	2.01E-10	0.00848	0	0.00848	0
RT_LE024KG	6	0.5D	337.5	P19	OWTF	0.094227	3.14E-11	0.094227	1.78E-10	0.004711	1.05E-10	0.004711	1.26E-10	0.004711	0	0.004711	0
RT_LE024KG	6	0.5D	45	P19	OWTF	0.018845	3.31E-11	0.018845	1.87E-10	0.000942	1.1E-10	0.000942	1.32E-10	0.000942	0	0.000942	0
RT_LE024KG	6	1F	0	P19	OWTF	0.10365	3.17E-10	0.10365	1.8E-09	0.005182	1.06E-09	0.005182	1.27E-09	0.005182	0	0.005182	0
RT_LE024KG	6	1F	22.5	P19	OWTF	0.179031	2.92E-10	0.179031	1.66E-09	0.008952	9.75E-10	0.008952	1.17E-09	0.008952	0	0.008952	0
RT_LE024KG	6	1F	337.5	P19	OWTF	0.018845	2.25E-10	0.018845	1.27E-09	0.000942	7.49E-10	0.000942	8.99E-10	0.000942	0	0.000942	0
RT_LE024KG	6	3E	0	P19	OWTF	0.028268	2.28E-10	0.028268	1.29E-09	0.001413	7.6E-10	0.001413	9.12E-10	0.001413	0	0.001413	0
RT_LE024KG	7	0.5B	0	P19	OWTF	0.10365	2.27E-11	0.10365	1.29E-10	0.005182	7.56E-11	0.005182	9.08E-11	0.005182	0	0.005182	0
RT_LE024KG	7	0.5B	22.5	P19	OWTF	0.197877	2.45E-11	0.197877	1.39E-10	0.009894	8.17E-11	0.009894	9.81E-11	0.009894	0	0.009894	0
RT_LE024KG	7	0.5B	337.5	P19	OWTF	0.009423	3.17E-11	0.009423	1.8E-10	0.000471	1.06E-10	0.000471					

Sample fN Pairs (Year 2011 Scenario - transport events for OWTF)

event_id	sub_ev ent_id	weather class_id	direction id	population id	sub_popu lation_id	N_TM1	F_TM1	N_TM2	F_TM2	N_TM3	F_TM3	N_TM4	F_TM4	N_TM5	F_TM5	N_TM6	F_TM6
RT_LE17KG	1	0.5D	292.5	P19	OWTF	15.33748	3.54E-10	15.33748	2.01E-09	0.766874	1.18E-09	0.766874	1.42E-09	0.766874	0	0.766874	0
RT_LE17KG	1	0.5D	315	P19	OWTF	17.17232	2.32E-10	17.17232	1.32E-09	0.858616	7.74E-10	0.858616	9.3E-10	0.858616	0	0.858616	0
RT_LE17KG	1	0.5D	337.5	P19	OWTF	18.52381	1.84E-10	18.52381	1.04E-09	0.92619	6.14E-10	0.92619	7.37E-10	0.92619	0	0.92619	0
RT_LE17KG	1	1F	0	P19	OWTF	1.464558	1.86E-09	1.464558	1.05E-08	0.073228	6.19E-09	0.073228	7.44E-09	0.073228	0	0.073228	0
RT_LE17KG	1	1F	292.5	P19	OWTF	2.018703	2.87E-09	2.018703	1.63E-08	0.100935	9.56E-09	0.100935	1.15E-08	0.100935	0	0.100935	0
RT_LE17KG	1	1F	315	P19	OWTF	4.506746	1.63E-09	4.506746	9.24E-09	0.225337	5.43E-09	0.225337	6.53E-09	0.225337	0	0.225337	0
RT_LE17KG	1	1F	337.5	P19	OWTF	3.492683	1.32E-09	3.492683	7.46E-09	0.174634	4.38E-09	0.174634	5.26E-09	0.174634	0	0.174634	0
RT_LE17KG	1	3E	292.5	P19	OWTF	0.009423	3.15E-09	0.009423	1.79E-08	0.000471	1.05E-08	0.000471	1.26E-08	0.000471	0	0.000471	0
RT_LE17KG	1	3E	315	P19	OWTF	0.160186	7.98E-10	0.160186	4.52E-09	0.008009	2.66E-09	0.008009	3.19E-09	0.008009	0	0.008009	0
RT_LE17KG	1	3E	337.5	P19	OWTF	0.169609	3.69E-10	0.169609	2.09E-09	0.00848	1.23E-09	0.00848	1.48E-09	0.00848	0	0.00848	0
RT_LE17KG	1	4D	315	P19	OWTF	0.094227	2.46E-09	0.094227	1.4E-08	0.004711	8.21E-09	0.004711	9.86E-09	0.004711	0	0.004711	0
RT_LE17KG	1	4D	337.5	P19	OWTF	0.122495	1.1E-09	0.122495	6.23E-09	0.006125	3.66E-09	0.006125	4.4E-09	0.006125	0	0.006125	0
RT_LE17KG	1	7D	315	P19	OWTF	0.037691	1.28E-09	0.037691	7.23E-09	0.001885	4.25E-09	0.001885	5.11E-09	0.001885	0	0.001885	0
RT_LE17KG	1	7D	337.5	P19	OWTF	0.047114	5.04E-10	0.047114	2.86E-09	0.002356	1.68E-09	0.002356	2.02E-09	0.002356	0	0.002356	0
RT_LE17KG	2	0.5B	0	P19	OWTF	18.4721	1.33E-10	18.4721	7.53E-10	0.923605	4.43E-10	0.923605	5.32E-10	0.923605	0	0.923605	0
RT_LE17KG	2	0.5B	22.5	P19	OWTF	12.8777	1.43E-10	12.8777	8.14E-10	0.643885	4.78E-10	0.643885	5.74E-10	0.643885	0	0.643885	0
RT_LE17KG	2	0.5B	270	P19	OWTF	9.198357	6.8E-10	9.198357	3.85E-09	0.459918	2.27E-09	0.459918	2.72E-09	0.459918	0	0.459918	0
RT_LE17KG	2	0.5B	292.5	P19	OWTF	16.14424	3.36E-10	16.14424	1.91E-09	0.807212	1.12E-09	0.807212	1.35E-09	0.807212	0	0.807212	0
RT_LE17KG	2	0.5B	315	P19	OWTF	20.32579	1.68E-10	20.32579	9.5E-10	1.016289	5.9E-10	1.016289	6.71E-10	1.016289	0	1.016289	0
RT_LE17KG	2	0.5B	337.5	P19	OWTF	18.52381	1.86E-10	18.52381	1.05E-09	0.92619	6.18E-10	0.92619	7.43E-10	0.92619	0	0.92619	0
RT_LE17KG	2	0.5B	45	P19	OWTF	1.379754	1.37E-10	1.379754	7.79E-10	0.068988	4.58E-10	0.068988	5.5E-10	0.068988	0	0.068988	0
RT_LE17KG	2	0.5D	0	P19	OWTF	16.65127	2.73E-10	16.65127	1.55E-09	0.832563	9.1E-10	0.832563	1.09E-09	0.832563	0	0.832563	0
RT_LE17KG	2	0.5D	22.5	P19	OWTF	9.705388	2.93E-10	9.705388	1.66E-09	0.485269	9.78E-10	0.485269	1.17E-09	0.485269	0	0.485269	0
RT_LE17KG	2	0.5D	270	P19	OWTF	5.584973	7.16E-10	5.584973	4.06E-09	0.279249	2.39E-09	0.279249	2.87E-09	0.279249	0	0.279249	0
RT_LE17KG	2	0.5D	292.5	P19	OWTF	14.78333	3.54E-10	14.78333	2.01E-09	0.739167	1.18E-09	0.739167	1.42E-09	0.739167	0	0.739167	0
RT_LE17KG	2	0.5D	315	P19	OWTF	20.32579	2.32E-10	20.32579	1.32E-09	1.016289	7.74E-10	1.016289	9.3E-10	1.016289	0	1.016289	0
RT_LE17KG	2	0.5D	337.5	P19	OWTF	20.32579	1.84E-10	20.32579	1.04E-09	1.016289	6.14E-10	1.016289	7.37E-10	1.016289	0	1.016289	0
RT_LE17KG	2	0.5D	45	P19	OWTF	0.018845	1.94E-10	0.018845	1.1E-09	0.000942	6.45E-10	0.000942	7.75E-10	0.000942	0	0.000942	0
RT_LE17KG	2	1F	0	P19	OWTF	2.018703	1.86E-09	2.018703	1.05E-08	0.100935	6.19E-09	0.100935	7.44E-09	0.100935	0	0.100935	0
RT_LE17KG	2	1F	292.5	P19	OWTF	2.422084	2.87E-09	2.422084	1.63E-08	0.121104	9.56E-09	0.121104	1.15E-08	0.121104	0	0.121104	0
RT_LE17KG	2	1F	315	P19	OWTF	4.853592	1.63E-09	4.853592	9.24E-09	0.24268	5.43E-09	0.24268	6.53E-09	0.24268	0	0.24268	0
RT_LE17KG	2	1F	337.5	P19	OWTF	7.622521	1.32E-09	7.622521	7.46E-09	0.381126	4.38E-09	0.381126	5.26E-09	0.381126	0	0.381126	0
RT_LE17KG	2	3E	0	P19	OWTF	0.018845	1.33E-09	0.018845	7.56E-09	0.000942	4.45E-09	0.000942	5.34E-09	0.000942	0	0.000942	0
RT_LE17KG	2	3E	315	P19	OWTF	0.169609	7.98E-10	0.169609	4.52E-09	0.00848	2.66E-09	0.00848	3.19E-09	0.00848	0	0.00848	0
RT_LE17KG	2	3E	337.5	P19	OWTF	0.160186	3.69E-10	0.160186	2.09E-09	0.008009	1.23E-09	0.008009	1.48E-09	0.008009	0	0.008009	0
RT_LE17KG	2	4D	0	P19	OWTF	0.018845	4.06E-09	0.018845	2.3E-08	0.000942	1.35E-08	0.000942	1.63E-08	0.000942	0	0.000942	0
RT_LE17KG	2	4D	315	P19	OWTF	0.10365	2.46E-09	0.10365	1.4E-08	0.005182	8.21E-09	0.005182	9.86E-09	0.005182	0	0.005182	0
RT_LE17KG	2	4D	337.5	P19	OWTF	0.084804	1.1E-09	0.084804	6.23E-09	0.00424	3.66E-09	0.00424	4.4E-09	0.00424	0	0.00424	0
RT_LE17KG	2	7D	0	P19	OWTF	0.009423	9.43E-10	0.009423	5.34E-09	0.000471	3.14E-09	0.000471	3.77E-09	0.000471	0	0.000471	0
RT_LE17KG	2	7D	315	P19	OWTF	0.056536	1.28E-09	0.056536	7.23E-09	0.002827	4.25E-09	0.002827	5.11E-09	0.002827	0	0.002827	0
RT_LE17KG	2	7D	337.5	P19	OWTF	0.047114	5.04E-10	0.047114	2.86E-09	0.002356	1.68E-09	0.002356	2.02E-09	0.002356	0	0.002356	0
RT_LE17KG	3	0.5B	0	P19	OWTF	23.22708	1.33E-10	23.22708	7.53E-10	1.161354	4.43E-10	1.161354	5.32E-10	1.161354	0	1.161354	0
RT_LE17KG	3	0.5B	22.5	P19	OWTF	18.02654	1.43E-10	18.02654	8.14E-10	0.901327	4.78E-10	0.901327	5.74E-10	0.901327	0	0.901327	0
RT_LE17KG	3	0.5B	270	P19	OWTF	7.998084	6.8E-10	7.998084	3.85E-09	0.399904	2.27E-09	0.399904	2.72E-09	0.399904	0	0.399904	0
RT_LE17KG	3	0.5B	292.5	P19	OWTF	15.81669	3.36E-10	15.81669	1.91E-09	0.790834	1.12E-09	0.790834	1.35E-09	0.790834	0	0.790834	0
RT_LE17KG	3	0.5B	315	P19	OWTF	23.47466	1.68E-10	23.47466	9.5E-10	1.173733	5.9E-10	1.173733	6.71E-10	1.173733	0	1.173733	0
RT_LE17KG	3	0.5B	337.5	P19	OWTF	22.57826	1.86E-10	22.57826	1.05E-09	1.128913	6.18E-10	1.128913	7.43E-10	1.128913	0	1.128913	0
RT_LE17KG	3	0.5B	45	P19	OWTF	5.988355	1.37E-10	5.988355	7.79E-10	0.299418	4.58E-10	0.299418	5.5E-10	0.299418	0	0.299418	0
RT_LE17KG	3	0.5D	0	P19	OWTF	21.77643	2.73E-10	21.77643	1.55E-09	1.088822	9.1E-10	1.088822	1.09E-09	1.088822	0	1.088822	0
RT_LE17KG	3	0.5D	22.5	P19	OWTF	15.2244	2.93E-10	15.2244	1.66E-09	0.76122	9.78E-10	0.76122	1.17E-09	0.76122	0	0.76122	0
RT_LE17KG	3	0.5D	270	P19	OWTF	3.717034	7.16E-10	3.717034	4.06E-09	0.185852	2.39E-09	0.185852	2.87E-09	0.185852	0	0.185852	0
RT_LE17KG	3	0.5D	292.5	P19	OWTF	13.55479	3.54E-10	13.55479	2.01E-09	0.677739	1.18E-09	0.677739	1.42E-09	0.677739	0	0.677739	0
RT_LE17KG	3	0.5D	315	P19	OWTF	21.22218	2.32E-10	21.22218	1.32E-09	1.061109	7.74E-10	1.061109	9.3E-10	1.061109	0	1.061109	0
RT_LE17KG	3	0.5D	337.5	P19	OWTF	23.47925	1.84E-10	23.47925	1.04E-09	1.173963	6.14E-10	1.173963	7.37E-10	1.173963	0	1.173963	0
RT_LE17KG	3	0.5D	45	P19	OWTF	3.275961	1.94E-10	3.275961	1.1E-09	0.163798	6.45E-10	0.163798	7.75E-10	0.163798	0	0.163798	0
RT_LE17KG	3	1F	0	P19	OWTF	6.195654	1.86E-09	6.195654	1.05E-08	0.309783	6.19E-09	0.309783	7.44E-09	0.309783	0	0.309783	0
RT_LE17KG	3	1F	22.5	P19	OWTF	1.886785	1.71E-09	1.886785	9.71E-09	0.094339	5.71E-09	0.094339	6.85E-09	0.094339	0	0.094339	0
RT_LE17KG	3	1F	292.5	P19	OWTF	2.346703	2.87E-09	2.346703	1.63E-08	0.117335	9.56E-09	0.117335	1.15E-08	0.117335	0	0.117335	0
RT_LE17KG	3	1F	315	P19	OWTF	8.823243	1.63E-09	8.823243	9.24E-09	0.441162	5.43E-09	0.441162	6.53E-09	0.441162	0	0.441162	0
RT_LE17KG	3	1F	337.5	P19	OWTF	13.10384	1.32E-09	13.10384	7.46E-09	0.655192	4.38E-09	0.655192	5.26E-09	0.655192	0	0.655192	0
RT_LE17KG	3	3E	0	P19	OWTF	0.169609	1.33E-09	0.169609	7.56E-09	0.00848	4.45E-09	0.00848	5.34E-09	0.00848	0	0.00848	0
RT_LE17KG	3	3E	315	P19	OWTF	0.122495	7.98E-10	0.122495	4.52E-09	0.006125	2.66E-09	0.006125	3.19E-09	0.006125	0	0.006125	0
RT_LE17KG	3	3E	337.5	P19	OWTF	0.150763	3.69E-10	0.150763	2.09E-09	0.007538	1.23E-09	0.007538	1.48E-09	0.007538	0	0.007538	0

Sample fN Pairs (Year 2011 Scenario - transport events for OWTF)

event_id	sub_event_id	weather_class_id	direction_id	population_id	sub_population_id	N_TM1	F_TM1	N_TM2	F_TM2	N_TM3	F_TM3	N_TM4	F_TM4	N_TM5	F_TM5	N_TM6	F_TM6
RT_LE17KG	5 0.5D	292.5	P19	OWTF	6.078095	3.54E-10	6.078095	2.01E-09	0.303905	1.18E-09	0.303905	1.42E-09	0.303905	0	0.303905	0	0.303905
RT_LE17KG	5 0.5D	315	P19	OWTF	16.28423	2.32E-10	16.28423	1.32E-09	0.814212	7.74E-10	0.814212	9.3E-10	0.814212	0	0.814212	0	0.814212
RT_LE17KG	5 0.5D	337.5	P19	OWTF	25.42112	1.84E-10	25.42112	1.04E-09	1.271056	6.14E-10	1.271056	7.37E-10	1.271056	0	1.271056	0	1.271056
RT_LE17KG	5 0.5D	45	P19	OWTF	21.98452	1.94E-10	21.98452	1.1E-09	1.099226	6.45E-10	1.099226	7.75E-10	1.099226	0	1.099226	0	1.099226
RT_LE17KG	5 0.5D	67.5	P19	OWTF	2.365548	3.85E-10	2.365548	2.18E-09	0.118277	1.28E-09	0.118277	1.54E-09	0.118277	0	0.118277	0	0.118277
RT_LE17KG	5 1F	0	P19	OWTF	14.44591	1.86E-09	14.44591	1.05E-08	0.722295	6.19E-09	0.722295	7.44E-09	0.722295	0	0.722295	0	0.722295
RT_LE17KG	5 1F	22.5	P19	OWTF	9.837306	1.71E-09	9.837306	9.71E-09	0.491865	5.71E-09	0.491865	6.85E-09	0.491865	0	0.491865	0	0.491865
RT_LE17KG	5 1F	315	P19	OWTF	4.608601	1.63E-09	4.608601	9.24E-09	0.23043	5.43E-09	0.23043	6.53E-09	0.23043	0	0.23043	0	0.23043
RT_LE17KG	5 1F	337.5	P19	OWTF	11.51679	1.32E-09	11.51679	7.46E-09	0.57584	4.38E-09	0.57584	5.26E-09	0.57584	0	0.57584	0	0.57584
RT_LE17KG	5 1F	45	P19	OWTF	1.43629	1.04E-09	1.43629	5.88E-09	0.071814	3.46E-09	0.071814	4.15E-09	0.071814	0	0.071814	0	0.071814
RT_LE17KG	5 3B	0	P19	OWTF	0.028268	3.16E-10	0.028268	1.79E-09	0.001413	1.05E-09	0.001413	1.26E-09	0.001413	0	0.001413	0	0.001413
RT_LE17KG	5 3B	337.5	P19	OWTF	0.018845	1.29E-10	0.018845	7.29E-10	0.000942	4.29E-10	0.000942	5.15E-10	0.000942	0	0.000942	0	0.000942
RT_LE17KG	5 3E	0	P19	OWTF	2.450353	1.33E-09	2.450353	7.56E-09	0.122518	4.45E-09	0.122518	5.34E-09	0.122518	0	0.122518	0	0.122518
RT_LE17KG	5 3E	22.5	P19	OWTF	0.150763	1.64E-09	0.150763	9.31E-09	0.007538	5.47E-09	0.007538	6.57E-09	0.007538	0	0.007538	0	0.007538
RT_LE17KG	5 3E	337.5	P19	OWTF	1.464558	3.69E-10	1.464558	2.09E-09	0.073228	1.23E-09	0.073228	1.48E-09	0.073228	0	0.073228	0	0.073228
RT_LE17KG	5 4D	0	P19	OWTF	0.113072	4.06E-09	0.113072	2.3E-08	0.005654	1.35E-08	0.005654	1.63E-08	0.005654	0	0.005654	0	0.005654
RT_LE17KG	5 4D	22.5	P19	OWTF	0.094227	4.69E-09	0.094227	2.66E-08	0.004711	1.56E-08	0.004711	1.88E-08	0.004711	0	0.004711	0	0.004711
RT_LE17KG	5 4D	337.5	P19	OWTF	0.084804	1.1E-09	0.084804	6.23E-09	0.00424	3.66E-09	0.00424	4.4E-09	0.00424	0	0.00424	0	0.00424
RT_LE17KG	5 7D	0	P19	OWTF	0.131918	9.43E-10	0.131918	5.34E-09	0.006596	3.14E-09	0.006596	3.77E-09	0.006596	0	0.006596	0	0.006596
RT_LE17KG	5 7D	22.5	P19	OWTF	0.056536	6.9E-10	0.056536	3.91E-09	0.002827	2.3E-09	0.002827	2.76E-09	0.002827	0	0.002827	0	0.002827
RT_LE17KG	5 7D	337.5	P19	OWTF	0.10365	5.04E-10	0.10365	2.86E-09	0.005182	1.68E-09	0.005182	2.02E-09	0.005182	0	0.005182	0	0.005182
RT_LE17KG	6 0.5B	0	P19	OWTF	23.77674	1.33E-10	23.77674	7.53E-10	1.188837	4.43E-10	1.188837	5.32E-10	1.188837	0	1.188837	0	1.188837
RT_LE17KG	6 0.5B	22.5	P19	OWTF	21.2721	1.43E-10	21.2721	8.14E-10	1.063605	4.78E-10	1.063605	5.74E-10	1.063605	0	1.063605	0	1.063605
RT_LE17KG	6 0.5B	292.5	P19	OWTF	2.299589	3.36E-10	2.299589	1.91E-09	0.114979	1.12E-09	0.114979	1.35E-09	0.114979	0	0.114979	0	0.114979
RT_LE17KG	6 0.5B	315	P19	OWTF	13.1357	1.68E-10	13.1357	9.5E-10	0.656785	5.59E-10	0.656785	6.71E-10	0.656785	0	0.656785	0	0.656785
RT_LE17KG	6 0.5B	337.5	P19	OWTF	23.8224	1.86E-10	23.8224	1.05E-09	1.19112	6.18E-10	1.19112	7.43E-10	1.19112	0	1.19112	0	1.19112
RT_LE17KG	6 0.5B	45	P19	OWTF	25.45701	1.37E-10	25.45701	7.79E-10	1.272851	4.58E-10	1.272851	5.5E-10	1.272851	0	1.272851	0	1.272851
RT_LE17KG	6 0.5B	67.5	P19	OWTF	18.93515	2.29E-10	18.93515	1.3E-09	0.946758	7.64E-10	0.946758	9.17E-10	0.946758	0	0.946758	0	0.946758
RT_LE17KG	6 0.5D	0	P19	OWTF	23.77674	2.73E-10	23.77674	1.55E-09	1.188837	9.1E-10	1.188837	1.09E-09	1.188837	0	1.188837	0	1.188837
RT_LE17KG	6 0.5D	22.5	P19	OWTF	23.82206	2.93E-10	23.82206	1.66E-09	1.191103	9.78E-10	1.191103	1.17E-09	1.191103	0	1.191103	0	1.191103
RT_LE17KG	6 0.5D	292.5	P19	OWTF	0.919836	3.54E-10	0.919836	2.01E-09	0.045992	1.18E-09	0.045992	1.42E-09	0.045992	0	0.045992	0	0.045992
RT_LE17KG	6 0.5D	315	P19	OWTF	10.10698	2.32E-10	10.10698	1.32E-09	0.505349	7.74E-10	0.505349	9.3E-10	0.505349	0	0.505349	0	0.505349
RT_LE17KG	6 0.5D	337.5	P19	OWTF	21.65024	1.84E-10	21.65024	1.04E-09	1.082512	6.14E-10	1.082512	7.37E-10	1.082512	0	1.082512	0	1.082512
RT_LE17KG	6 0.5D	45	P19	OWTF	22.99679	1.94E-10	22.99679	1.1E-09	1.149839	6.45E-10	1.149839	7.75E-10	1.149839	0	1.149839	0	1.149839
RT_LE17KG	6 0.5D	67.5	P19	OWTF	11.11341	3.85E-10	11.11341	2.18E-09	0.555671	1.28E-09	0.555671	1.54E-09	0.555671	0	0.555671	0	0.555671
RT_LE17KG	6 15D	0	P19	OWTF	0.009423	3.67E-10	0.009423	2.08E-09	0.000471	1.22E-09	0.000471	1.47E-09	0.000471	0	0.000471	0	0.000471
RT_LE17KG	6 1F	0	P19	OWTF	12.53085	1.86E-09	12.53085	1.05E-08	0.626543	6.19E-09	0.626543	7.44E-09	0.626543	0	0.626543	0	0.626543
RT_LE17KG	6 1F	22.5	P19	OWTF	12.19343	1.71E-09	12.19343	9.71E-09	0.609672	5.71E-09	0.609672	6.85E-09	0.609672	0	0.609672	0	0.609672
RT_LE17KG	6 1F	315	P19	OWTF	0.009423	1.63E-09	0.009423	9.24E-09	0.000471	5.43E-09	0.000471	6.53E-09	0.000471	0	0.000471	0	0.000471
RT_LE17KG	6 1F	337.5	P19	OWTF	6.448273	1.32E-09	6.448273	7.46E-09	0.322414	4.38E-09	0.322414	5.26E-09	0.322414	0	0.322414	0	0.322414
RT_LE17KG	6 1F	45	P19	OWTF	4.318292	1.04E-09	4.318292	5.88E-09	0.215915	3.46E-09	0.215915	4.15E-09	0.215915	0	0.215915	0	0.215915
RT_LE17KG	6 3B	0	P19	OWTF	0.037691	3.16E-10	0.037691	1.79E-09	0.001885	1.05E-09	0.001885	1.26E-09	0.001885	0	0.001885	0	0.001885
RT_LE17KG	6 3B	22.5	P19	OWTF	0.018845	2.65E-10	0.018845	1.51E-09	0.000942	8.85E-10	0.000942	1.06E-09	0.000942	0	0.000942	0	0.000942
RT_LE17KG	6 3E	0	P19	OWTF	2.356125	1.33E-09	2.356125	7.56E-09	0.117806	4.45E-09	0.117806	5.34E-09	0.117806	0	0.117806	0	0.117806
RT_LE17KG	6 3E	22.5	P19	OWTF	1.164826	1.64E-09	1.164826	9.31E-09	0.058241	5.47E-09	0.058241	6.57E-09	0.058241	0	0.058241	0	0.058241
RT_LE17KG	6 3E	337.5	P19	OWTF	0.009423	3.69E-10	0.009423	2.09E-09	0.000471	1.23E-09	0.000471	1.48E-09	0.000471	0	0.000471	0	0.000471
RT_LE17KG	6 4D	0	P19	OWTF	0.554145	4.06E-09	0.554145	2.3E-08	0.027707	1.35E-08	0.027707	1.63E-08	0.027707	0	0.027707	0	0.027707
RT_LE17KG	6 4D	22.5	P19	OWTF	0.179031	4.69E-09	0.179031	2.66E-08	0.008952	1.56E-08	0.008952	1.88E-08	0.008952	0	0.008952	0	0.008952
RT_LE17KG	6 4D	337.5	P19	OWTF	0.009423	1.1E-09	0.009423	6.23E-09	0.000471	3.66E-09	0.000471	4.4E-09	0.000471	0	0.000471	0	0.000471
RT_LE17KG	6 7D	0	P19	OWTF	0.10365	9.43E-10	0.10365	5.34E-09	0.005182	3.14E-09	0.005182	3.77E-09	0.005182	0	0.005182	0	0.005182
RT_LE17KG	6 7D	22.5	P19	OWTF	0.10365	6.9E-10	0.10365	3.91E-09	0.005182	2.3E-09	0.005182	2.76E-09	0.005182	0	0.005182	0	0.005182
RT_LE17KG	6 7D	337.5	P19	OWTF	0.009423	5.04E-10	0.009423	2.86E-09	0.000471	1.68E-09	0.000471	2.02E-09	0.000471	0	0.000471	0	0.000471
RT_LE17KG	7 0.5B	0	P19	OWTF	26.97553	1.33E-10	26.97553	7.53E-10	1.348776	4.43E-10	1.348776	5.32E-10	1.348776	0	1.348776	0	1.348776
RT_LE17KG	7 0.5B	22.5	P19	OWTF	19.72228	1.43E-10	19.72228	8.14E-10	0.986114	4.78E-10	0.986114	5.74E-10	0.986114	0	0.986114	0	0.986114
RT_LE17KG	7 0.5B	315	P19	OWTF	7.807386	1.68E-10	7.807386	9.5E-10	0.390369	5.59E-10	0.390369	6.71E-10	0.390369	0	0.390369	0	0.390369
RT_LE17KG	7 0.5B	337.5	P19	OWTF	18.46402	1.86E-10	18.46402	1.05E-09	0.923201	6.18E-10	0.923201	7.43E-10	0.923201	0	0.923201	0	0.923201
RT_LE17KG	7 0.5B	45	P19	OWTF	21.56958	1.37E-10	21.56958	7.79E-10	1.078479	4.58E-10	1.078479	5.5E-10	1.078479	0	1.078479	0	1.078479
RT_LE17KG	7 0.5B	67.5	P19	OWTF	25.7895	2.29E-10	25.7895	1.3E-09	1.289475	7.64E-10	1.289475	9.17E-10	1.289475	0	1.289475	0	1.289475
RT_LE17KG	7 0.5B	90	P19	OWTF	5.148836	6.16E-10	5.148836	3.49E-09	0.257442	2.05E-09	0.257442	2.47E-09	0.257442	0	0.257442	0	0.257442
RT_LE17KG	7 0.5D	0	P19	OWTF	25.17354	2.73E-10	25.17354	1.55E-09	1.258677	9.1E-10	1.258677	1.09E-09	1.258677	0	1.258677	0	1.258677
RT_LE17KG	7 0.5D	22.5	P19	OWTF	21.82175	2.93E-10</											

Sample fN Pairs (Year 2011 Scenario - transport events for OWTF)

event_id	sub_event_id	weather_class_id	direction_id	population_id	sub_population_id	N_TM1	F_TM1	N_TM2	F_TM2	N_TM3	F_TM3	N_TM4	F_TM4	N_TM5	F_TM5	N_TM6	F_TM6
RT_LE17KG	8 3E	45	P19	OWTF	2.160043	8.16E-10	2.160043	4.63E-09	0.108002	2.72E-09	0.108002	3.27E-09	0.108002	0	0.108002	0	0.108002
RT_LE17KG	8 4D	22.5	P19	OWTF	0.065959	4.69E-09	0.065959	2.66E-08	0.003298	1.56E-08	0.003298	1.88E-08	0.003298	0	0.003298	0	0.003298
RT_LE17KG	8 4D	45	P19	OWTF	0.704908	2.09E-09	0.704908	1.18E-08	0.035245	6.95E-09	0.035245	8.35E-09	0.035245	0	0.035245	0	0.035245
RT_LE17KG	8 7D	0	P19	OWTF	0.009423	9.43E-10	0.009423	5.34E-09	0.000471	3.14E-09	0.000471	3.77E-09	0.000471	0	0.000471	0	0.000471
RT_LE17KG	8 7D	22.5	P19	OWTF	0.075382	6.9E-10	0.075382	3.91E-09	0.003769	2.3E-09	0.003769	2.76E-09	0.003769	0	0.003769	0	0.003769
RT_LE17KG	8 7D	45	P19	OWTF	0.169609	5.15E-10	0.169609	2.92E-09	0.00848	1.72E-09	0.00848	2.06E-09	0.00848	0	0.00848	0	0.00848
RT_LE17KG	9 0.5B	0	P19	OWTF	15.61477	1.33E-10	15.61477	7.53E-10	0.780739	4.43E-10	0.780739	5.32E-10	0.780739	0	0.780739	0	0.780739
RT_LE17KG	9 0.5B	112.5	P19	OWTF	10.74637	1.35E-09	10.74637	7.64E-09	0.537319	4.49E-09	0.537319	5.4E-09	0.537319	0	0.537319	0	0.537319
RT_LE17KG	9 0.5B	22.5	P19	OWTF	28.37233	1.43E-10	28.37233	8.14E-10	1.418616	4.78E-10	1.418616	5.74E-10	1.418616	0	1.418616	0	1.418616
RT_LE17KG	9 0.5B	337.5	P19	OWTF	4.498221	1.86E-10	4.498221	1.05E-09	0.224911	6.18E-10	0.224911	7.43E-10	0.224911	0	0.224911	0	0.224911
RT_LE17KG	9 0.5B	45	P19	OWTF	20.2181	1.37E-10	20.2181	7.79E-10	1.010905	4.58E-10	1.010905	5.5E-10	1.010905	0	1.010905	0	1.010905
RT_LE17KG	9 0.5B	67.5	P19	OWTF	21.66875	2.29E-10	21.66875	1.3E-09	1.083437	7.64E-10	1.083437	9.17E-10	1.083437	0	1.083437	0	1.083437
RT_LE17KG	9 0.5B	90	P19	OWTF	27.92183	6.16E-10	27.92183	3.49E-09	1.396092	2.05E-09	1.396092	2.47E-09	1.396092	0	1.396092	0	1.396092
RT_LE17KG	9 0.5D	0	P19	OWTF	10.78406	2.73E-10	10.78406	1.55E-09	0.539203	9.1E-10	0.539203	1.09E-09	0.539203	0	0.539203	0	0.539203
RT_LE17KG	9 0.5D	112.5	P19	OWTF	4.816349	5.64E-10	4.816349	3.19E-09	0.240817	1.88E-09	0.240817	2.26E-09	0.240817	0	0.240817	0	0.240817
RT_LE17KG	9 0.5D	22.5	P19	OWTF	27.47134	2.93E-10	27.47134	1.66E-09	1.373567	9.78E-10	1.373567	1.17E-09	1.373567	0	1.373567	0	1.373567
RT_LE17KG	9 0.5D	337.5	P19	OWTF	2.389329	1.84E-10	2.389329	1.04E-09	0.119466	6.14E-10	0.119466	7.37E-10	0.119466	0	0.119466	0	0.119466
RT_LE17KG	9 0.5D	45	P19	OWTF	21.56958	1.94E-10	21.56958	1.1E-09	1.078479	6.45E-10	1.078479	7.75E-10	1.078479	0	1.078479	0	1.078479
RT_LE17KG	9 0.5D	67.5	P19	OWTF	23.21856	3.85E-10	23.21856	2.18E-09	1.160928	1.28E-09	1.160928	1.54E-09	1.160928	0	1.160928	0	1.160928
RT_LE17KG	9 0.5D	90	P19	OWTF	23.91663	5.21E-10	23.91663	2.95E-09	1.195831	1.74E-09	1.195831	2.09E-09	1.195831	0	1.195831	0	1.195831
RT_LE17KG	9 1F	0	P19	OWTF	1.379754	1.86E-09	1.379754	1.05E-08	0.068988	6.19E-09	0.068988	7.44E-09	0.068988	0	0.068988	0	0.068988
RT_LE17KG	9 1F	22.5	P19	OWTF	5.53786	1.71E-09	5.53786	9.71E-09	0.276893	5.71E-09	0.276893	6.85E-09	0.276893	0	0.276893	0	0.276893
RT_LE17KG	9 1F	45	P19	OWTF	12.66737	1.04E-09	12.66737	5.88E-09	0.633368	3.46E-09	0.633368	4.15E-09	0.633368	0	0.633368	0	0.633368
RT_LE17KG	9 1F	67.5	P19	OWTF	12.19343	1.22E-09	12.19343	6.93E-09	0.609672	4.07E-09	0.609672	4.89E-09	0.609672	0	0.609672	0	0.609672
RT_LE17KG	9 1F	90	P19	OWTF	3.219425	1.04E-09	3.219425	5.9E-09	0.160971	3.47E-09	0.160971	4.16E-09	0.160971	0	0.160971	0	0.160971
RT_LE17KG	9 3B	22.5	P19	OWTF	0.009423	2.65E-10	0.009423	1.51E-09	0.000471	8.85E-10	0.000471	1.06E-09	0.000471	0	0.000471	0	0.000471
RT_LE17KG	9 3B	45	P19	OWTF	0.056536	1.84E-10	0.056536	1.05E-09	0.002827	6.15E-10	0.002827	7.39E-10	0.002827	0	0.002827	0	0.002827
RT_LE17KG	9 3B	67.5	P19	OWTF	0.028268	2.49E-10	0.028268	1.41E-09	0.001413	8.29E-10	0.001413	9.95E-10	0.001413	0	0.001413	0	0.001413
RT_LE17KG	9 3E	22.5	P19	OWTF	0.469341	1.64E-09	0.469341	9.31E-09	0.023467	5.47E-09	0.023467	6.57E-09	0.023467	0	0.023467	0	0.023467
RT_LE17KG	9 3E	45	P19	OWTF	2.929116	8.16E-10	2.929116	4.63E-09	0.146456	2.72E-09	0.146456	3.27E-09	0.146456	0	0.146456	0	0.146456
RT_LE17KG	9 3E	67.5	P19	OWTF	1.483403	5.96E-10	1.483403	3.38E-09	0.07417	1.99E-09	0.07417	2.38E-09	0.07417	0	0.07417	0	0.07417
RT_LE17KG	9 4D	22.5	P19	OWTF	0.009423	4.69E-09	0.009423	2.66E-08	0.000471	1.56E-08	0.000471	1.88E-08	0.000471	0	0.000471	0	0.000471
RT_LE17KG	9 4D	45	P19	OWTF	0.141341	2.09E-09	0.141341	1.18E-08	0.007067	6.95E-09	0.007067	8.35E-09	0.007067	0	0.007067	0	0.007067
RT_LE17KG	9 4D	67.5	P19	OWTF	0.075382	1.93E-09	0.075382	1.09E-08	0.003769	6.43E-09	0.003769	7.72E-09	0.003769	0	0.003769	0	0.003769
RT_LE17KG	9 7D	22.5	P19	OWTF	0.018845	6.9E-10	0.018845	3.91E-09	0.000942	2.3E-09	0.000942	2.76E-09	0.000942	0	0.000942	0	0.000942
RT_LE17KG	9 7D	45	P19	OWTF	0.122495	5.15E-10	0.122495	2.92E-09	0.006125	1.72E-09	0.006125	2.06E-09	0.006125	0	0.006125	0	0.006125
RT_LE17KG	9 7D	67.5	P19	OWTF	0.075382	3.64E-10	0.075382	2.06E-09	0.003769	1.21E-09	0.003769	1.46E-09	0.003769	0	0.003769	0	0.003769
RT_LE765KG	1 0.5B	0	P19	OWTF	54	1.41E-11	54	7.98E-11	2.7	4.69E-11	2.7	5.63E-11	2.7	0	2.7	0	2.7
RT_LE765KG	1 0.5B	22.5	P19	OWTF	38.73406	1.52E-11	38.73406	8.62E-11	1.936703	5.07E-11	1.936703	6.09E-11	1.936703	0	1.936703	0	1.936703
RT_LE765KG	1 0.5B	22.5	P19	OWTF	0.459918	1.16E-10	0.459918	6.56E-10	0.022996	3.86E-10	0.022996	4.63E-10	0.022996	0	0.022996	0	0.022996
RT_LE765KG	1 0.5B	247.5	P19	OWTF	26.06949	1.32E-10	26.06949	7.49E-10	1.303474	4.4E-10	1.303474	5.29E-10	1.303474	0	1.303474	0	1.303474
RT_LE765KG	1 0.5B	270	P19	OWTF	51.53324	7.2E-11	51.53324	4.08E-10	2.576662	2.4E-10	2.576662	2.88E-10	2.576662	0	2.576662	0	2.576662
RT_LE765KG	1 0.5B	292.5	P19	OWTF	54	3.56E-11	54	2.02E-10	2.7	1.19E-10	2.7	1.43E-10	2.7	0	2.7	0	2.7
RT_LE765KG	1 0.5B	315	P19	OWTF	54	1.78E-11	54	1.01E-10	2.7	5.92E-11	2.7	7.11E-11	2.7	0	2.7	0	2.7
RT_LE765KG	1 0.5B	337.5	P19	OWTF	54	1.97E-11	54	1.11E-10	2.7	6.55E-11	2.7	7.87E-11	2.7	0	2.7	0	2.7
RT_LE765KG	1 0.5B	45	P19	OWTF	16.52339	1.46E-11	16.52339	8.26E-11	0.82617	4.85E-11	0.82617	5.83E-11	0.82617	0	0.82617	0	0.82617
RT_LE765KG	1 0.5D	0	P19	OWTF	54	2.89E-11	54	1.64E-10	2.7	9.65E-11	2.7	1.16E-10	2.7	0	2.7	0	2.7
RT_LE765KG	1 0.5D	22.5	P19	OWTF	38.73406	3.11E-11	38.73406	1.76E-10	1.936703	1.04E-10	1.936703	1.24E-10	1.936703	0	1.936703	0	1.936703
RT_LE765KG	1 0.5D	22.5	P19	OWTF	0.459918	6.76E-11	0.459918	3.84E-10	0.022996	2.25E-10	0.022996	2.71E-10	0.022996	0	0.022996	0	0.022996
RT_LE765KG	1 0.5D	247.5	P19	OWTF	26.61915	9.4E-11	26.61915	5.33E-10	1.330957	3.13E-10	1.330957	3.76E-10	1.330957	0	1.330957	0	1.330957
RT_LE765KG	1 0.5D	270	P19	OWTF	51.30888	7.59E-11	51.30888	4.3E-10	2.565444	2.53E-10	2.565444	3.04E-10	2.565444	0	2.565444	0	2.565444
RT_LE765KG	1 0.5D	292.5	P19	OWTF	54	3.75E-11	54	2.13E-10	2.7	1.25E-10	2.7	1.5E-10	2.7	0	2.7	0	2.7
RT_LE765KG	1 0.5D	315	P19	OWTF	54	2.46E-11	54	1.4E-10	2.7	8.2E-11	2.7	9.85E-11	2.7	0	2.7	0	2.7
RT_LE765KG	1 0.5D	337.5	P19	OWTF	54	1.95E-11	54	1.11E-10	2.7	6.5E-11	2.7	7.81E-11	2.7	0	2.7	0	2.7
RT_LE765KG	1 0.5D	45	P19	OWTF	16.52339	2.05E-11	16.52339	1.16E-10	0.82617	6.83E-11	0.82617	8.21E-11	0.82617	0	0.82617	0	0.82617
RT_LE765KG	1 15D	315	P19	OWTF	0.075382	1.33E-10	0.075382	7.51E-10	0.003769	4.42E-10	0.003769	5.3E-10	0.003769	0	0.003769	0	0.003769
RT_LE765KG	1 15D	337.5	P19	OWTF	0.10365	5.41E-11	0.10365	3.07E-10	0.005182	1.8E-10	0.005182	2.16E-10	0.005182	0	0.005182	0	0.005182
RT_LE765KG	1 1F	0	P19	OWTF	25.76707	1.97E-10	25.76707	1.12E-09	1.288353	6.56E-10	1.288353	7.88E-10	1.288353	0	1.288353	0	1.288353
RT_LE765KG	1 1F	22.5	P19	OWTF	3.323075	1.81E-10	3.323075	1.03E-09	0.166154	6.05E-10	0.166154	7.26E-10	0.166154	0	0.166154	0	0.166154
RT_LE765KG	1 1F	270	P19	OWTF	11.36378	3.94E-10	11.36378	2.23E-09	0.568189	1.31E-09	0.568189	1.58E-09	0.568189	0	0.568189	0	0.568189
RT_LE765KG	1 1F	292.5	P19	OWTF	33.5933	3.04E-10	33.5933	1.72E-09	1.679665	1.01E-09	1.679665	1.22E-09	1.679665	0	1.679665	0	1.679665
RT_LE765KG	1 1F	315	P19	OWTF	48.78495	1.73E-10	48.78495	9.79E-10	2.439247	5.76E							

Sample fN Pairs (Year 2011 Scenario - transport events for OWTF)

event_id	sub_event_id	weather_class_id	direction_id	population_id	sub_population_id	N_TM1	F_TM1	N_TM2	F_TM2	N_TM3	F_TM3	N_TM4	F_TM4	N_TM5	F_TM5	N_TM6	F_TM6
RT_LE765KG	2 3E	0	P19	OWTF	5.087364	1.41E-10	5.087364	8.01E-10	0.254368	4.71E-10	0.254368	5.66E-10	0.254368	0	0.254368	0	0.254368
RT_LE765KG	2 3E	292.5	P19	OWTF	0.497609	3.34E-10	0.497609	1.89E-09	0.02488	1.11E-09	0.02488	1.34E-09	0.02488	0	0.02488	0	0.02488
RT_LE765KG	2 3E	315	P19	OWTF	12.43663	8.45E-11	12.43663	4.79E-10	0.621831	2.82E-10	0.621831	3.38E-10	0.621831	0	0.621831	0	0.621831
RT_LE765KG	2 3E	337.5	P19	OWTF	14.29514	3.91E-11	14.29514	2.22E-10	0.714757	1.3E-10	0.714757	1.56E-10	0.714757	0	0.714757	0	0.714757
RT_LE765KG	2 4D	0	P19	OWTF	1.877362	4.31E-10	1.877362	2.44E-09	0.093868	1.44E-09	0.093868	1.72E-09	0.093868	0	0.093868	0	0.093868
RT_LE765KG	2 4D	292.5	P19	OWTF	0.009423	1.1E-09	0.009423	6.22E-09	0.000471	3.66E-09	0.000471	4.39E-09	0.000471	0	0.000471	0	0.000471
RT_LE765KG	2 4D	315	P19	OWTF	6.992995	2.61E-10	6.992995	1.48E-09	0.34965	8.7E-10	0.34965	1.04E-09	0.34965	0	0.34965	0	0.34965
RT_LE765KG	2 4D	337.5	P19	OWTF	7.931676	1.16E-10	7.931676	6.6E-10	0.396584	3.88E-10	0.396584	4.66E-10	0.396584	0	0.396584	0	0.396584
RT_LE765KG	2 7D	0	P19	OWTF	0.018845	9.99E-11	0.018845	5.66E-10	0.000942	3.33E-10	0.000942	4E-10	0.000942	0	0.000942	0	0.000942
RT_LE765KG	2 7D	315	P19	OWTF	0.591836	1.35E-10	0.591836	7.66E-10	0.029592	4.5E-10	0.029592	5.41E-10	0.029592	0	0.029592	0	0.029592
RT_LE765KG	2 7D	337.5	P19	OWTF	0.572999	5.34E-11	0.572999	3.03E-10	0.02865	1.78E-10	0.02865	2.14E-10	0.02865	0	0.02865	0	0.02865
RT_LE765KG	3 0.5B	0	P19	OWTF	54	1.41E-11	54	7.98E-11	2.7	4.69E-11	2.7	5.63E-11	2.7	0	2.7	0	2.7
RT_LE765KG	3 0.5B	22.5	P19	OWTF	54	1.52E-11	54	8.62E-11	2.7	5.07E-11	2.7	6.09E-11	2.7	0	2.7	0	2.7
RT_LE765KG	3 0.5B	247.5	P19	OWTF	11.93543	1.32E-10	11.93543	7.49E-10	0.596771	4.4E-10	0.596771	5.29E-10	0.596771	0	0.596771	0	0.596771
RT_LE765KG	3 0.5B	270	P19	OWTF	31.11737	7.2E-11	31.11737	4.08E-10	1.555868	2.4E-10	1.555868	2.88E-10	1.555868	0	1.555868	0	1.555868
RT_LE765KG	3 0.5B	292.5	P19	OWTF	53.73187	3.56E-11	53.73187	2.02E-10	2.686593	1.19E-10	2.686593	1.43E-10	2.686593	0	2.686593	0	2.686593
RT_LE765KG	3 0.5B	315	P19	OWTF	54	1.78E-11	54	1.01E-10	2.7	5.92E-11	2.7	7.11E-11	2.7	0	2.7	0	2.7
RT_LE765KG	3 0.5B	337.5	P19	OWTF	54	1.97E-11	54	1.11E-10	2.7	6.55E-11	2.7	7.87E-11	2.7	0	2.7	0	2.7
RT_LE765KG	3 0.5B	45	P19	OWTF	37.81422	1.46E-11	37.81422	8.26E-11	1.890711	4.85E-11	1.890711	5.83E-11	1.890711	0	1.890711	0	1.890711
RT_LE765KG	3 0.5B	67.5	P19	OWTF	13.40492	2.43E-11	13.40492	1.38E-10	0.670246	8.09E-11	0.670246	9.72E-11	0.670246	0	0.670246	0	0.670246
RT_LE765KG	3 0.5D	0	P19	OWTF	54	2.89E-11	54	1.64E-10	2.7	9.65E-11	2.7	1.16E-10	2.7	0	2.7	0	2.7
RT_LE765KG	3 0.5D	22.5	P19	OWTF	54	3.11E-11	54	1.76E-10	2.7	1.04E-10	2.7	1.24E-10	2.7	0	2.7	0	2.7
RT_LE765KG	3 0.5D	247.5	P19	OWTF	12.48509	9.4E-11	12.48509	5.33E-10	0.624254	3.13E-10	0.624254	3.76E-10	0.624254	0	0.624254	0	0.624254
RT_LE765KG	3 0.5D	270	P19	OWTF	31.20711	7.59E-11	31.20711	4.3E-10	1.560355	2.53E-10	1.560355	3.04E-10	1.560355	0	1.560355	0	1.560355
RT_LE765KG	3 0.5D	292.5	P19	OWTF	53.73187	3.75E-11	53.73187	2.13E-10	2.686593	1.25E-10	2.686593	1.5E-10	2.686593	0	2.686593	0	2.686593
RT_LE765KG	3 0.5D	315	P19	OWTF	54	2.46E-11	54	1.4E-10	2.7	8.2E-11	2.7	9.85E-11	2.7	0	2.7	0	2.7
RT_LE765KG	3 0.5D	337.5	P19	OWTF	54	1.95E-11	54	1.11E-10	2.7	6.5E-11	2.7	7.81E-11	2.7	0	2.7	0	2.7
RT_LE765KG	3 0.5D	45	P19	OWTF	37.81422	2.05E-11	37.81422	1.16E-10	1.890711	6.83E-11	1.890711	8.21E-11	1.890711	0	1.890711	0	1.890711
RT_LE765KG	3 0.5D	67.5	P19	OWTF	13.49466	4.08E-11	13.49466	2.31E-10	0.674733	1.36E-10	0.674733	1.63E-10	0.674733	0	0.674733	0	0.674733
RT_LE765KG	3 15D	0	P19	OWTF	0.084804	3.89E-11	0.084804	2.2E-10	0.00424	1.3E-10	0.00424	1.56E-10	0.00424	0	0.00424	0	0.00424
RT_LE765KG	3 15D	315	P19	OWTF	0.10365	1.33E-10	0.10365	7.51E-10	0.005182	4.42E-10	0.005182	5.3E-10	0.005182	0	0.005182	0	0.005182
RT_LE765KG	3 15D	337.5	P19	OWTF	0.113072	5.41E-11	0.113072	3.07E-10	0.005654	1.8E-10	0.005654	2.16E-10	0.005654	0	0.005654	0	0.005654
RT_LE765KG	3 1F	0	P19	OWTF	45.8169	1.97E-10	45.8169	1.12E-09	2.290845	6.56E-10	2.290845	7.88E-10	2.290845	0	2.290845	0	2.290845
RT_LE765KG	3 1F	22.5	P19	OWTF	26.6869	1.81E-10	26.6869	1.03E-09	1.334345	6.05E-10	1.334345	7.26E-10	1.334345	0	1.334345	0	1.334345
RT_LE765KG	3 1F	270	P19	OWTF	2.834889	3.94E-10	2.834889	2.23E-09	0.141744	1.31E-09	0.141744	1.58E-09	0.141744	0	0.141744	0	0.141744
RT_LE765KG	3 1F	292.5	P19	OWTF	22.91782	3.04E-10	22.91782	1.72E-09	1.145891	1.01E-09	1.145891	1.22E-09	1.145891	0	1.145891	0	1.145891
RT_LE765KG	3 1F	315	P19	OWTF	41.46496	1.73E-10	41.46496	9.79E-10	2.073248	5.76E-10	2.073248	6.91E-10	2.073248	0	2.073248	0	2.073248
RT_LE765KG	3 1F	337.5	P19	OWTF	54	1.39E-10	54	7.9E-10	2.7	4.64E-10	2.7	5.58E-10	2.7	0	2.7	0	2.7
RT_LE765KG	3 1F	45	P19	OWTF	3.745302	1.1E-10	3.745302	6.23E-10	0.187265	3.66E-10	0.187265	4.4E-10	0.187265	0	0.187265	0	0.187265
RT_LE765KG	3 3B	0	P19	OWTF	0.216722	3.35E-11	0.216722	1.9E-10	0.010836	1.12E-10	0.010836	1.34E-10	0.010836	0	0.010836	0	0.010836
RT_LE765KG	3 3B	315	P19	OWTF	0.179031	1.47E-11	0.179031	8.34E-11	0.008952	4.9E-11	0.008952	5.89E-11	0.008952	0	0.008952	0	0.008952
RT_LE765KG	3 3B	337.5	P19	OWTF	0.254413	1.36E-11	0.254413	7.73E-11	0.012721	4.54E-11	0.012721	5.45E-11	0.012721	0	0.012721	0	0.012721
RT_LE765KG	3 3E	0	P19	OWTF	10.60638	1.41E-10	10.60638	8.01E-10	0.530319	4.71E-10	0.530319	5.66E-10	0.530319	0	0.530319	0	0.530319
RT_LE765KG	3 3E	22.5	P19	OWTF	0.018845	1.74E-10	0.018845	9.86E-10	0.000942	5.8E-10	0.000942	6.96E-10	0.000942	0	0.000942	0	0.000942
RT_LE765KG	3 3E	315	P19	OWTF	8.757285	8.45E-11	8.757285	4.79E-10	0.437864	2.82E-10	0.437864	3.38E-10	0.437864	0	0.437864	0	0.437864
RT_LE765KG	3 3E	337.5	P19	OWTF	12.45547	3.91E-11	12.45547	2.22E-10	0.622774	1.3E-10	0.622774	1.56E-10	0.622774	0	0.622774	0	0.622774
RT_LE765KG	3 4D	0	P19	OWTF	6.974149	4.31E-10	6.974149	2.44E-09	0.348707	1.44E-09	0.348707	1.72E-09	0.348707	0	0.348707	0	0.348707
RT_LE765KG	3 4D	315	P19	OWTF	6.927036	2.61E-10	6.927036	1.48E-09	0.346352	8.7E-10	0.346352	1.04E-09	0.346352	0	0.346352	0	0.346352
RT_LE765KG	3 4D	337.5	P19	OWTF	7.434067	1.16E-10	7.434067	6.6E-10	0.371703	3.88E-10	0.371703	4.66E-10	0.371703	0	0.371703	0	0.371703
RT_LE765KG	3 7D	0	P19	OWTF	0.554145	9.99E-11	0.554145	5.66E-10	0.027707	3.33E-10	0.027707	4E-10	0.027707	0	0.027707	0	0.027707
RT_LE765KG	3 7D	315	P19	OWTF	1.924476	1.35E-10	1.924476	7.66E-10	0.096224	4.5E-10	0.096224	5.41E-10	0.096224	0	0.096224	0	0.096224
RT_LE765KG	3 7D	337.5	P19	OWTF	1.464558	5.34E-11	1.464558	3.03E-10	0.073228	1.78E-10	0.073228	2.14E-10	0.073228	0	0.073228	0	0.073228
RT_LE765KG	4 0.5B	0	P19	OWTF	54	1.41E-11	54	7.98E-11	2.7	4.69E-11	2.7	5.63E-11	2.7	0	2.7	0	2.7
RT_LE765KG	4 0.5B	22.5	P19	OWTF	54	1.52E-11	54	8.62E-11	2.7	5.07E-11	2.7	6.09E-11	2.7	0	2.7	0	2.7
RT_LE765KG	4 0.5B	247.5	P19	OWTF	2.389329	1.32E-10	2.389329	7.49E-10	0.119466	4.4E-10	0.119466	5.29E-10	0.119466	0	0.119466	0	0.119466
RT_LE765KG	4 0.5B	270	P19	OWTF	20.65143	7.2E-11	20.65143	4.08E-10	1.032572	2.4E-10	1.032572	2.88E-10	1.032572	0	1.032572	0	1.032572
RT_LE765KG	4 0.5B	292.5	P19	OWTF	41.76278	3.56E-11	41.76278	2.02E-10	2.088139	1.19E-10	2.088139	1.43E-10	2.088139	0	2.088139	0	2.088139
RT_LE765KG	4 0.5B	315	P19	OWTF	54	1.78E-11	54	1.01E-10	2.7	5.92E-11	2.7	7.11E-11	2.7	0	2.7	0	2.7
RT_LE765KG	4 0.5B	337.5	P19	OWTF	54	1.97E-11	54	1.11E-10	2.7	6.55E-11	2.7	7.87E-11	2.7	0	2.7	0	2.7
RT_LE765KG	4 0.5B	45	P19	OWTF	47.36032	1.46E-11	47.36032	8.26E-11	2.368016	4.85E-11	2.368016	5.83E-11	2.368016	0	2.368016	0	2.368016
RT_LE765KG	4 0.5B	67.5	P19	OWTF	29.18796	2.43E-11	29.18796	1.38E-10	1.459398	8.09E-11	1.459398	9.72E-11	1.459398	0	1.459398	0	1.459398
RT_LE765KG	4 0.5D	90	P19	OWTF	2.389329	6.53E-11	2.389329	3.7E-10	0.119466	2.18E-10	0.119466	2.61E-10	0.119466	0	0.119466	0	0.119466
RT_LE765KG	4 0.5D	0	P19	OWTF	54	2.89E-11	54	1.64E-									

Sample fN Pairs (Year 2011 Scenario - transport events for OWTF)

event_id	sub_event_id	weather_class_id	direction_id	population_id	sub_population_id	N_TM1	F_TM1	N_TM2	F_TM2	N_TM3	F_TM3	N_TM4	F_TM4	N_TM5	F_TM5	N_TM6	F_TM6
RT_LE765KG	5 0.5D	22.5	P19	OWTF	54	3.11E-11	54	1.76E-10	2.7	1.04E-10	2.7	1.24E-10	2.7	0	2.7	0	2.7
RT_LE765KG	5 0.5D	270	P19	OWTF	11.10533	7.59E-11	11.10533	4.3E-10	0.555267	2.53E-10	0.555267	3.04E-10	0.555267	0	0.555267	0	0.555267
RT_LE765KG	5 0.5D	292.5	P19	OWTF	30.10779	3.75E-11	30.10779	2.13E-10	1.50539	1.25E-10	1.50539	1.5E-10	1.50539	0	1.50539	0	1.50539
RT_LE765KG	5 0.5D	315	P19	OWTF	53.73187	2.46E-11	53.73187	1.4E-10	2.686593	8.2E-11	2.686593	9.85E-11	2.686593	0	2.686593	0	2.686593
RT_LE765KG	5 0.5D	337.5	P19	OWTF	54	1.95E-11	54	1.11E-10	2.7	6.5E-11	2.7	7.81E-11	2.7	0	2.7	0	2.7
RT_LE765KG	5 0.5D	45	P19	OWTF	54	2.05E-11	54	1.16E-10	2.7	6.83E-11	2.7	8.21E-11	2.7	0	2.7	0	2.7
RT_LE765KG	5 0.5D	67.5	P19	OWTF	44.42133	4.08E-11	44.42133	2.31E-10	2.221067	1.36E-10	2.221067	1.63E-10	2.221067	0	2.221067	0	2.221067
RT_LE765KG	5 0.5D	90	P19	OWTF	12.945	5.52E-11	12.945	3.13E-10	0.64725	1.84E-10	0.64725	2.21E-10	0.64725	0	0.64725	0	0.64725
RT_LE765KG	5 15D	0	P19	OWTF	0.113072	3.89E-11	0.113072	2.2E-10	0.005654	1.3E-10	0.005654	1.56E-10	0.005654	0	0.005654	0	0.005654
RT_LE765KG	5 15D	22.5	P19	OWTF	0.084804	1.64E-11	0.084804	9.32E-11	0.00424	5.48E-11	0.00424	6.58E-11	0.00424	0	0.00424	0	0.00424
RT_LE765KG	5 15D	337.5	P19	OWTF	0.094227	5.41E-11	0.094227	3.07E-10	0.004711	1.8E-10	0.004711	2.16E-10	0.004711	0	0.004711	0	0.004711
RT_LE765KG	5 1F	0	P19	OWTF	52.63255	1.97E-10	52.63255	1.12E-09	2.631628	6.56E-10	2.631628	7.88E-10	2.631628	0	2.631628	0	2.631628
RT_LE765KG	5 1F	22.5	P19	OWTF	48.78495	1.81E-10	48.78495	1.03E-09	2.439247	6.05E-10	2.439247	7.26E-10	2.439247	0	2.439247	0	2.439247
RT_LE765KG	5 1F	292.5	P19	OWTF	4.636869	3.04E-10	4.636869	1.72E-09	0.231843	1.01E-09	0.231843	1.22E-09	0.231843	0	0.231843	0	0.231843
RT_LE765KG	5 1F	315	P19	OWTF	20.89867	1.73E-10	20.89867	9.79E-10	1.044933	5.76E-10	1.044933	6.91E-10	1.044933	0	1.044933	0	1.044933
RT_LE765KG	5 1F	337.5	P19	OWTF	41.81169	1.39E-10	41.81169	7.9E-10	2.090585	4.64E-10	2.090585	5.58E-10	2.090585	0	2.090585	0	2.090585
RT_LE765KG	5 1F	45	P19	OWTF	31.53645	1.1E-10	31.53645	6.23E-10	1.576823	3.66E-10	1.576823	4.4E-10	1.576823	0	1.576823	0	1.576823
RT_LE765KG	5 1F	67.5	P19	OWTF	2.853734	1.29E-10	2.853734	7.34E-10	0.142687	4.32E-10	0.142687	5.18E-10	0.142687	0	0.142687	0	0.142687
RT_LE765KG	5 3B	0	P19	OWTF	2.535157	3.35E-11	2.535157	1.9E-10	0.126758	1.12E-10	0.126758	1.34E-10	0.126758	0	0.126758	0	0.126758
RT_LE765KG	5 3B	22.5	P19	OWTF	0.254413	2.81E-11	0.254413	1.59E-10	0.012721	9.38E-11	0.012721	1.13E-10	0.012721	0	0.012721	0	0.012721
RT_LE765KG	5 3B	337.5	P19	OWTF	1.511671	1.36E-11	1.511671	7.73E-11	0.075584	4.54E-11	0.075584	5.45E-11	0.075584	0	0.075584	0	0.075584
RT_LE765KG	5 3E	0	P19	OWTF	14.95339	1.41E-10	14.95339	8.01E-10	0.747669	4.71E-10	0.747669	5.66E-10	0.747669	0	0.747669	0	0.747669
RT_LE765KG	5 3E	22.5	P19	OWTF	11.99555	1.74E-10	11.99555	9.86E-10	0.599778	5.8E-10	0.599778	6.96E-10	0.599778	0	0.599778	0	0.599778
RT_LE765KG	5 3E	315	P19	OWTF	0.018845	8.45E-11	0.018845	4.79E-10	0.000942	2.82E-10	0.000942	3.38E-10	0.000942	0	0.000942	0	0.000942
RT_LE765KG	5 3E	337.5	P19	OWTF	8.476847	3.91E-11	8.476847	2.22E-10	0.423842	1.3E-10	0.423842	1.56E-10	0.423842	0	0.423842	0	0.423842
RT_LE765KG	5 3E	45	P19	OWTF	0.009423	8.65E-11	0.009423	4.9E-10	0.000471	2.88E-10	0.000471	3.46E-10	0.000471	0	0.000471	0	0.000471
RT_LE765KG	5 4D	0	P19	OWTF	9.724234	4.31E-10	9.724234	2.44E-09	0.486212	1.44E-09	0.486212	1.72E-09	0.486212	0	0.486212	0	0.486212
RT_LE765KG	5 4D	22.5	P19	OWTF	6.983572	4.97E-10	6.983572	2.82E-09	0.349179	1.66E-09	0.349179	1.99E-09	0.349179	0	0.349179	0	0.349179
RT_LE765KG	5 4D	337.5	P19	OWTF	5.547282	1.16E-10	5.547282	6.6E-10	0.277364	3.88E-10	0.277364	4.66E-10	0.277364	0	0.277364	0	0.277364
RT_LE765KG	5 7D	0	P19	OWTF	3.717034	9.99E-11	3.717034	5.66E-10	0.185852	3.33E-10	0.185852	4E-10	0.185852	0	0.185852	0	0.185852
RT_LE765KG	5 7D	22.5	P19	OWTF	0.563568	7.31E-11	0.563568	4.14E-10	0.028178	2.44E-10	0.028178	2.92E-10	0.028178	0	0.028178	0	0.028178
RT_LE765KG	5 7D	337.5	P19	OWTF	2.346703	5.34E-11	2.346703	3.03E-10	0.117335	1.78E-10	0.117335	2.14E-10	0.117335	0	0.117335	0	0.117335
RT_LE765KG	6 0.5B	0	P19	OWTF	54	1.41E-11	54	7.98E-11	2.7	4.69E-11	2.7	5.63E-11	2.7	0	2.7	0	2.7
RT_LE765KG	6 0.5B	22.5	P19	OWTF	54	1.52E-11	54	8.62E-11	2.7	5.07E-11	2.7	6.09E-11	2.7	0	2.7	0	2.7
RT_LE765KG	6 0.5B	270	P19	OWTF	1.009576	7.2E-11	1.009576	4.08E-10	0.050479	2.4E-10	0.050479	2.88E-10	0.050479	0	0.050479	0	0.050479
RT_LE765KG	6 0.5B	292.5	P19	OWTF	15.14364	3.56E-11	15.14364	2.02E-10	0.757182	1.19E-10	0.757182	1.43E-10	0.757182	0	0.757182	0	0.757182
RT_LE765KG	6 0.5B	315	P19	OWTF	42.68262	1.78E-11	42.68262	1.01E-10	2.134131	5.92E-11	2.134131	7.11E-11	2.134131	0	2.134131	0	2.134131
RT_LE765KG	6 0.5B	337.5	P19	OWTF	54	1.97E-11	54	1.11E-10	2.7	6.55E-11	2.7	7.87E-11	2.7	0	2.7	0	2.7
RT_LE765KG	6 0.5B	45	P19	OWTF	54	1.46E-11	54	8.26E-11	2.7	4.85E-11	2.7	5.83E-11	2.7	0	2.7	0	2.7
RT_LE765KG	6 0.5B	67.5	P19	OWTF	51.94828	2.43E-11	51.94828	1.38E-10	2.597414	8.09E-11	2.597414	9.72E-11	2.597414	0	2.597414	0	2.597414
RT_LE765KG	6 0.5B	90	P19	OWTF	32.0372	6.53E-11	32.0372	3.7E-10	1.60186	2.18E-10	1.60186	2.61E-10	1.60186	0	1.60186	0	1.60186
RT_LE765KG	6 0.5D	0	P19	OWTF	54	2.89E-11	54	1.64E-10	2.7	9.65E-11	2.7	1.16E-10	2.7	0	2.7	0	2.7
RT_LE765KG	6 0.5D	22.5	P19	OWTF	54	3.11E-11	54	1.76E-10	2.7	1.04E-10	2.7	1.24E-10	2.7	0	2.7	0	2.7
RT_LE765KG	6 0.5D	270	P19	OWTF	1.009576	7.59E-11	1.009576	4.3E-10	0.050479	2.53E-10	0.050479	3.04E-10	0.050479	0	0.050479	0	0.050479
RT_LE765KG	6 0.5D	292.5	P19	OWTF	15.14364	3.75E-11	15.14364	2.13E-10	0.757182	1.25E-10	0.757182	1.5E-10	0.757182	0	0.757182	0	0.757182
RT_LE765KG	6 0.5D	315	P19	OWTF	43.78194	2.46E-11	43.78194	1.4E-10	2.189097	8.2E-11	2.189097	9.85E-11	2.189097	0	2.189097	0	2.189097
RT_LE765KG	6 0.5D	337.5	P19	OWTF	54	1.95E-11	54	1.11E-10	2.7	6.5E-11	2.7	7.81E-11	2.7	0	2.7	0	2.7
RT_LE765KG	6 0.5D	45	P19	OWTF	54	2.05E-11	54	1.16E-10	2.7	6.83E-11	2.7	8.21E-11	2.7	0	2.7	0	2.7
RT_LE765KG	6 0.5D	67.5	P19	OWTF	51.48836	4.08E-11	51.48836	2.31E-10	2.574418	1.36E-10	2.574418	1.63E-10	2.574418	0	2.574418	0	2.574418
RT_LE765KG	6 0.5D	90	P19	OWTF	33.13652	5.52E-11	33.13652	3.13E-10	1.656826	1.84E-10	1.656826	2.21E-10	1.656826	0	1.656826	0	1.656826
RT_LE765KG	6 15D	0	P19	OWTF	0.10365	3.89E-11	0.10365	2.2E-10	0.005182	1.3E-10	0.005182	1.56E-10	0.005182	0	0.005182	0	0.005182
RT_LE765KG	6 15D	22.5	P19	OWTF	0.160186	1.64E-11	0.160186	9.32E-11	0.008009	5.48E-11	0.008009	6.58E-11	0.008009	0	0.008009	0	0.008009
RT_LE765KG	6 15D	337.5	P19	OWTF	0.009423	5.41E-11	0.009423	3.07E-10	0.000471	1.8E-10	0.000471	2.16E-10	0.000471	0	0.000471	0	0.000471
RT_LE765KG	6 1F	0	P19	OWTF	49.33461	1.97E-10	49.33461	1.12E-09	2.46673	6.56E-10	2.46673	7.88E-10	2.46673	0	2.46673	0	2.46673
RT_LE765KG	6 1F	22.5	P19	OWTF	49.33461	1.81E-10	49.33461	1.03E-09	2.46673	6.05E-10	2.46673	7.26E-10	2.46673	0	2.46673	0	2.46673
RT_LE765KG	6 1F	292.5	P19	OWTF	0.028268	3.04E-10	0.028268	1.72E-09	0.001413	1.01E-09	0.001413	1.22E-09	0.001413	0	0.001413	0	0.001413
RT_LE765KG	6 1F	315	P19	OWTF	10.33357	1.73E-10	10.33357	9.79E-10	0.516678	5.76E-10	0.516678	6.91E-10	0.516678	0	0.516678	0	0.516678
RT_LE765KG	6 1F	337.5	P19	OWTF	27.37341	1.39E-10	27.37341	7.9E-10	1.368671	4.64E-10	1.368671	5.58E-10	1.368671	0	1.368671	0	1.368671
RT_LE765KG	6 1F	45	P19	OWTF	46.01523	1.1E-10	46.01523	6.23E-10	2.300761	3.66E-10	2.300761	4.4E-10	2.300761	0	2.300761	0	2.300761
RT_LE765KG	6 1F	67.5	P19	OWTF	10.79977	1.29E-10	10.79977	7.34E-10	0.539988	4.32E-10	0.539988	5.18E-10	0.539988	0	0.539988	0	0.539988
RT_LE765KG	6 3B	0	P19	OWTF	2.938539	3.35E-11	2.938539	1.9E-10	0.146927	1.12E-10	0.146927	1.34E-10	0.146927	0	0.146927	0	0.146927
RT_LE765KG	6 3B	22.5	P19	OWTF	1.306167	2.81E-11	1.306167	1.59E-10	0.065308	9.38E-11	0.065308	1.13E-10	0.065308	0	0.065308	0	0.065308
RT_LE765KG	6																

Sample fN Pairs (Year 2011 Scenario - transport events for OWTF)

event_id	sub_event_id	weather_class_id	direction_id	population_id	sub_population_id	N_TM1	F_TM1	N_TM2	F_TM2	N_TM3	F_TM3	N_TM4	F_TM4	N_TM5	F_TM5	N_TM6	F_TM6
RT_LE765KG	7 3E	337.5	P19	OWTF	0.009423	3.91E-11	0.009423	2.22E-10	0.000471	1.3E-10	0.000471	1.56E-10	0.000471	0	0	0.000471	0
RT_LE765KG	7 3E	45	P19	OWTF	11.58275	8.65E-11	0.009423	4.9E-10	0.579138	2.88E-10	0.579138	3.46E-10	0.579138	0	0	0.579138	0
RT_LE765KG	7 4D	0	P19	OWTF	3.23827	4.31E-10	3.23827	2.44E-09	0.161914	1.44E-09	0.161914	1.72E-09	0.161914	0	0	0.161914	0
RT_LE765KG	7 4D	22.5	P19	OWTF	10.24069	4.97E-10	10.24069	2.82E-09	0.512034	1.66E-09	0.512034	1.99E-09	0.512034	0	0	0.512034	0
RT_LE765KG	7 4D	45	P19	OWTF	4.290024	2.21E-10	4.290024	1.25E-09	0.214501	7.36E-10	0.214501	8.84E-10	0.214501	0	0	0.214501	0
RT_LE765KG	7 7D	0	P19	OWTF	1.839671	9.99E-11	1.839671	5.66E-10	0.091984	3.33E-10	0.091984	4E-10	0.091984	0	0	0.091984	0
RT_LE765KG	7 7D	22.5	P19	OWTF	4.20522	7.31E-11	4.20522	4.14E-10	0.210261	2.44E-10	0.210261	2.92E-10	0.210261	0	0	0.210261	0
RT_LE765KG	7 7D	45	P19	OWTF	0.094227	5.46E-11	0.094227	3.09E-10	0.004711	1.82E-10	0.004711	2.18E-10	0.004711	0	0	0.004711	0
RT_LE765KG	8 0.5B	0	P19	OWTF	54	1.41E-11	54	7.98E-11	2.7	4.69E-11	2.7	5.63E-11	2.7	0	0	2.7	0
RT_LE765KG	8 0.5B	112.5	P19	OWTF	34.05636	1.43E-10	34.05636	8.1E-10	1.702818	4.76E-10	1.702818	5.72E-10	1.702818	0	0	1.702818	0
RT_LE765KG	8 0.5B	22.5	P19	OWTF	54	1.52E-11	54	8.62E-11	2.7	5.07E-11	2.7	6.09E-11	2.7	0	0	2.7	0
RT_LE765KG	8 0.5B	292.5	P19	OWTF	1.009576	3.56E-11	1.009576	2.02E-10	0.050479	1.19E-10	0.050479	1.43E-10	0.050479	0	0	0.050479	0
RT_LE765KG	8 0.5B	315	P19	OWTF	9.086182	1.78E-11	9.086182	1.01E-10	0.454309	5.92E-11	0.454309	7.11E-11	0.454309	0	0	0.454309	0
RT_LE765KG	8 0.5B	337.5	P19	OWTF	45.71135	1.97E-11	45.71135	1.11E-10	2.285567	6.55E-11	2.285567	7.87E-11	2.285567	0	0	2.285567	0
RT_LE765KG	8 0.5B	45	P19	OWTF	54	1.46E-11	54	8.26E-11	2.7	4.85E-11	2.7	5.83E-11	2.7	0	0	2.7	0
RT_LE765KG	8 0.5B	67.5	P19	OWTF	54	2.43E-11	54	1.38E-10	2.7	8.09E-11	2.7	9.72E-11	2.7	0	0	2.7	0
RT_LE765KG	8 0.5B	90	P19	OWTF	54	6.53E-11	54	3.7E-10	2.7	2.18E-10	2.7	2.61E-10	2.7	0	0	2.7	0
RT_LE765KG	8 0.5D	0	P19	OWTF	54	2.89E-11	54	1.64E-10	2.7	9.65E-11	2.7	1.16E-10	2.7	0	0	2.7	0
RT_LE765KG	8 0.5D	112.5	P19	OWTF	35.70533	5.97E-11	35.70533	3.38E-10	1.785266	1.99E-10	1.785266	2.39E-10	1.785266	0	0	1.785266	0
RT_LE765KG	8 0.5D	22.5	P19	OWTF	54	3.11E-11	54	1.76E-10	2.7	1.04E-10	2.7	1.24E-10	2.7	0	0	2.7	0
RT_LE765KG	8 0.5D	292.5	P19	OWTF	1.009576	3.75E-11	1.009576	2.13E-10	0.050479	1.25E-10	0.050479	1.5E-10	0.050479	0	0	0.050479	0
RT_LE765KG	8 0.5D	315	P19	OWTF	9.086182	2.46E-11	9.086182	1.4E-10	0.454309	8.2E-11	0.454309	9.85E-11	0.454309	0	0	0.454309	0
RT_LE765KG	8 0.5D	337.5	P19	OWTF	46.81066	1.95E-11	46.81066	1.11E-10	2.340533	6.5E-11	2.340533	7.81E-11	2.340533	0	0	2.340533	0
RT_LE765KG	8 0.5D	45	P19	OWTF	54	2.05E-11	54	1.16E-10	2.7	6.83E-11	2.7	8.21E-11	2.7	0	0	2.7	0
RT_LE765KG	8 0.5D	67.5	P19	OWTF	54	4.08E-11	54	2.31E-10	2.7	1.36E-10	2.7	1.63E-10	2.7	0	0	2.7	0
RT_LE765KG	8 0.5D	90	P19	OWTF	54	5.52E-11	54	3.13E-10	2.7	1.84E-10	2.7	2.21E-10	2.7	0	0	2.7	0
RT_LE765KG	8 15D	22.5	P19	OWTF	0.065959	1.64E-11	0.065959	9.32E-11	0.003298	5.48E-11	0.003298	6.58E-11	0.003298	0	0	0.003298	0
RT_LE765KG	8 15D	45	P19	OWTF	0.226145	1.54E-11	0.226145	8.75E-11	0.011307	5.15E-11	0.011307	6.18E-11	0.011307	0	0	0.011307	0
RT_LE765KG	8 1F	0	P19	OWTF	26.09462	1.97E-10	26.09462	1.12E-09	1.304731	6.56E-10	1.304731	7.88E-10	1.304731	0	0	1.304731	0
RT_LE765KG	8 1F	112.5	P19	OWTF	0.009423	9.51E-11	0.009423	5.39E-10	0.000471	3.17E-10	0.000471	3.81E-10	0.000471	0	0	0.000471	0
RT_LE765KG	8 1F	22.5	P19	OWTF	48.78495	1.81E-10	48.78495	1.03E-09	2.439247	6.05E-10	2.439247	7.26E-10	2.439247	0	0	2.439247	0
RT_LE765KG	8 1F	315	P19	OWTF	0.009423	1.73E-10	0.009423	9.79E-10	0.000471	5.76E-10	0.000471	6.91E-10	0.000471	0	0	0.000471	0
RT_LE765KG	8 1F	337.5	P19	OWTF	5.906243	1.39E-10	5.906243	7.9E-10	0.295312	4.64E-10	0.295312	5.58E-10	0.295312	0	0	0.295312	0
RT_LE765KG	8 1F	45	P19	OWTF	46.58632	1.1E-10	46.58632	6.23E-10	2.329316	3.66E-10	2.329316	4.4E-10	2.329316	0	0	2.329316	0
RT_LE765KG	8 1F	67.5	P19	OWTF	46.36656	1.29E-10	46.36656	7.34E-10	2.318328	4.32E-10	2.318328	5.18E-10	2.318328	0	0	2.318328	0
RT_LE765KG	8 1F	90	P19	OWTF	13.47716	1.1E-10	13.47716	6.25E-10	0.673858	3.67E-10	0.673858	4.41E-10	0.673858	0	0	0.673858	0
RT_LE765KG	8 3B	0	P19	OWTF	0.037691	3.35E-11	0.037691	1.9E-10	0.001885	1.12E-10	0.001885	1.34E-10	0.001885	0	0	0.001885	0
RT_LE765KG	8 3B	22.5	P19	OWTF	2.431507	2.81E-11	2.431507	1.59E-10	0.121575	9.38E-11	0.121575	1.13E-10	0.121575	0	0	0.121575	0
RT_LE765KG	8 3B	45	P19	OWTF	3.174106	1.95E-11	3.174106	1.11E-10	0.158705	6.52E-11	0.158705	7.82E-11	0.158705	0	0	0.158705	0
RT_LE765KG	8 3B	67.5	P19	OWTF	0.028268	2.63E-11	0.028268	1.49E-10	0.001413	8.78E-11	0.001413	1.05E-10	0.001413	0	0	0.001413	0
RT_LE765KG	8 3E	0	P19	OWTF	1.839671	1.41E-10	1.839671	8.01E-10	0.091984	4.71E-10	0.091984	5.66E-10	0.091984	0	0	0.091984	0
RT_LE765KG	8 3E	22.5	P19	OWTF	8.974455	1.74E-10	8.974455	9.86E-10	0.448723	5.8E-10	0.448723	6.96E-10	0.448723	0	0	0.448723	0
RT_LE765KG	8 3E	45	P19	OWTF	22.84289	8.65E-11	22.84289	4.9E-10	1.142144	2.88E-10	1.142144	3.46E-10	1.142144	0	0	1.142144	0
RT_LE765KG	8 3E	67.5	P19	OWTF	1.43629	6.31E-11	1.43629	3.58E-10	0.071814	2.1E-10	0.071814	2.53E-10	0.071814	0	0	0.071814	0
RT_LE765KG	8 4D	0	P19	OWTF	0.469341	4.31E-10	0.469341	2.44E-09	0.023467	1.44E-09	0.023467	1.72E-09	0.023467	0	0	0.023467	0
RT_LE765KG	8 4D	22.5	P19	OWTF	4.195797	4.97E-10	4.195797	2.82E-09	0.209799	1.66E-09	0.209799	1.99E-09	0.209799	0	0	0.209799	0
RT_LE765KG	8 4D	45	P19	OWTF	13.52607	2.21E-10	13.52607	1.25E-09	0.676304	7.36E-10	0.676304	8.84E-10	0.676304	0	0	0.676304	0
RT_LE765KG	8 4D	67.5	P19	OWTF	0.009423	2.04E-10	0.009423	1.16E-09	0.000471	6.81E-10	0.000471	8.18E-10	0.000471	0	0	0.000471	0
RT_LE765KG	8 7D	22.5	P19	OWTF	1.417444	7.31E-11	1.417444	4.14E-10	0.070872	2.44E-10	0.070872	2.92E-10	0.070872	0	0	0.070872	0
RT_LE765KG	8 7D	45	P19	OWTF	3.896065	5.46E-11	3.896065	3.09E-10	0.194803	1.82E-10	0.194803	2.18E-10	0.194803	0	0	0.194803	0
RT_LE765KG	9 0.5B	0	P19	OWTF	54	1.41E-11	54	7.98E-11	2.7	4.69E-11	2.7	5.63E-11	2.7	0	0	2.7	0
RT_LE765KG	9 0.5B	112.5	P19	OWTF	52.49794	1.43E-10	52.49794	8.1E-10	2.624897	4.76E-10	2.624897	5.72E-10	2.624897	0	0	2.624897	0
RT_LE765KG	9 0.5B	135	P19	OWTF	10.46594	1.44E-10	10.46594	8.16E-10	0.523297	4.8E-10	0.523297	5.76E-10	0.523297	0	0	0.523297	0
RT_LE765KG	9 0.5B	22.5	P19	OWTF	54	1.52E-11	54	8.62E-11	2.7	5.07E-11	2.7	6.09E-11	2.7	0	0	2.7	0
RT_LE765KG	9 0.5B	315	P19	OWTF	3.028727	1.78E-11	3.028727	1.01E-10	0.151436	5.92E-11	0.151436	7.11E-11	0.151436	0	0	0.151436	0
RT_LE765KG	9 0.5B	337.5	P19	OWTF	20.01204	1.97E-11	20.01204	1.11E-10	1.000602	6.55E-11	1.000602	7.87E-11	1.000602	0	0	1.000602	0
RT_LE765KG	9 0.5B	45	P19	OWTF	54	1.46E-11	54	8.26E-11	2.7	4.85E-11	2.7	5.83E-11	2.7	0	0	2.7	0
RT_LE765KG	9 0.5B	67.5	P19	OWTF	54	2.43E-11	54	1.38E-10	2.7	8.09E-11	2.7	9.72E-11	2.7	0	0	2.7	0
RT_LE765KG	9 0.5B	90	P19	OWTF	54	6.53E-11	54	3.7E-10	2.7	2.18E-10	2.7	2.61E-10	2.7	0	0	2.7	0
RT_LE765KG	9 0.5D	0	P19	OWTF	54	2.89E-11	54	1.64E-10	2.7	9.65E-11	2.7	1.16E-10	2.7	0	0	2.7	0
RT_LE765KG	9 0.5D	112.5	P19	OWTF	52.49794	5.97E-11	52.49794	3.38E-10	2.624897	1.99E-10	2.624897	2.39E-10	2.624897	0	0	2.624897	0
RT_LE765KG	9 0.5D	135	P19	OWTF	10.46594	3.23E-11	10.46594	1.83E-10	0.523297	1.08E-10	0.523297	1.29E-10	0.523297	0	0	0.523297	0
RT_LE765KG	9 0.5D	22.5	P19	OWTF	54	3.11E-11	54	1.76E-10	2.7	1.04E-10	2.7	1.24E-10	2.7	0	0	2.7	0
RT_LE765KG	9 0.5D	315	P19	OWTF	3.028727	2.46E-11	3.028727	1.4E-10	0.151436	8.2E-11	0.151436	9.85E-11	0.151436	0	0	0.151436	0
RT_LE765KG	9 0.5D	337.5	P19	OWTF	20.01204	1.95E-11	20.01204	1.11E-10	1.000602	6.5E-11	1.000602	7.81E-11	1.0006				

Sample fN Pairs (Year 2011 Scenario - transport events for OWTF)

event_id	sub_event_id	weather_class_id	direction_id	population_id	sub_population_id	N_TM1	F_TM1	N_TM2	F_TM2	N_TM3	F_TM3	N_TM4	F_TM4	N_TM5	F_TM5	N_TM6	F_TM6
RT_RUITE	1	1F	292.5	P19	OWTF	12.28317	2.15E-11	12.28317	1.22E-10	0.614159	7.16E-11	0.614159	8.6E-11	0.614159	0	0.614159	0
RT_RUITE	1	1F	315	P19	OWTF	25.81669	1.22E-11	25.81669	6.93E-11	1.290834	4.07E-11	1.290834	4.89E-11	1.290834	0	1.290834	0
RT_RUITE	1	1F	337.5	P19	OWTF	22.40136	9.85E-12	22.40136	5.59E-11	1.120068	3.28E-11	1.120068	3.94E-11	1.120068	0	1.120068	0
RT_RUITE	1	3B	0	P19	OWTF	0.201915	2.37E-12	0.201915	1.34E-11	0.010096	7.89E-12	0.010096	9.47E-12	0.010096	0	0.010096	0
RT_RUITE	1	3B	292.5	P19	OWTF	0.437483	2.69E-12	0.437483	1.53E-11	0.021874	8.97E-12	0.021874	1.08E-11	0.021874	0	0.021874	0
RT_RUITE	1	3B	315	P19	OWTF	1.211491	1.04E-12	1.211491	5.9E-12	0.060575	3.47E-12	0.060575	4.16E-12	0.060575	0	0.060575	0
RT_RUITE	1	3B	337.5	P19	OWTF	1.043228	9.64E-13	1.043228	5.46E-12	0.052161	3.21E-12	0.052161	3.86E-12	0.052161	0	0.052161	0
RT_RUITE	1	3E	0	P19	OWTF	0.201915	9.99E-12	0.201915	5.67E-11	0.010096	3.33E-11	0.010096	4E-11	0.010096	0	0.010096	0
RT_RUITE	1	3E	292.5	P19	OWTF	0.673051	2.36E-11	0.673051	1.34E-10	0.033653	7.88E-11	0.033653	9.46E-11	0.033653	0	0.033653	0
RT_RUITE	1	3E	315	P19	OWTF	3.55595	5.98E-12	3.55595	3.39E-11	0.177798	1.99E-11	0.177798	2.39E-11	0.177798	0	0.177798	0
RT_RUITE	1	3E	337.5	P19	OWTF	4.273871	2.76E-12	4.273871	1.57E-11	0.213694	9.21E-12	0.213694	1.11E-11	0.213694	0	0.213694	0
RT_RUITE	1	4D	0	P19	OWTF	0.201915	3.04E-11	0.201915	1.73E-10	0.010096	1.01E-10	0.010096	1.22E-10	0.010096	0	0.010096	0
RT_RUITE	1	4D	292.5	P19	OWTF	0.572093	7.76E-11	0.572093	4.4E-10	0.028605	2.59E-10	0.028605	3.11E-10	0.028605	0	0.028605	0
RT_RUITE	1	4D	315	P19	OWTF	1.346101	1.84E-11	1.346101	1.05E-10	0.067305	6.15E-11	0.067305	7.39E-11	0.067305	0	0.067305	0
RT_RUITE	1	4D	337.5	P19	OWTF	1.043228	8.23E-12	1.043228	4.67E-11	0.052161	2.74E-11	0.052161	3.3E-11	0.052161	0	0.052161	0
RT_RUITE	1	7D	0	P19	OWTF	0.067305	7.06E-12	0.067305	4E-11	0.003365	2.35E-11	0.003365	2.83E-11	0.003365	0	0.003365	0
RT_RUITE	1	7D	292.5	P19	OWTF	0.40383	5.61E-11	0.40383	3.18E-10	0.020192	1.87E-10	0.020192	2.25E-10	0.020192	0	0.020192	0
RT_RUITE	1	7D	315	P19	OWTF	1.110533	9.56E-12	1.110533	5.42E-11	0.055527	3.19E-11	0.055527	3.82E-11	0.055527	0	0.055527	0
RT_RUITE	1	7D	337.5	P19	OWTF	1.368536	3.78E-12	1.368536	2.14E-11	0.068427	1.26E-11	0.068427	1.51E-11	0.068427	0	0.068427	0
RT_RUITE	2	0.5B	0	P19	OWTF	21.24596	9.95E-13	21.24596	5.64E-12	1.062298	3.32E-12	1.062298	3.98E-12	1.062298	0	1.062298	0
RT_RUITE	2	0.5B	22.5	P19	OWTF	6.43885	1.08E-12	6.43885	6.1E-12	0.321942	3.58E-12	0.321942	4.3E-12	0.321942	0	0.321942	0
RT_RUITE	2	0.5B	270	P19	OWTF	3.567168	5.09E-12	3.567168	2.89E-11	0.178358	1.7E-11	0.178358	2.04E-11	0.178358	0	0.178358	0
RT_RUITE	2	0.5B	292.5	P19	OWTF	16.19808	2.52E-12	16.19808	1.43E-11	0.809904	8.4E-12	0.809904	1.01E-11	0.809904	0	0.809904	0
RT_RUITE	2	0.5B	315	P19	OWTF	29.11463	1.26E-12	29.11463	7.12E-12	1.455732	4.19E-12	1.455732	5.03E-12	1.455732	0	1.455732	0
RT_RUITE	2	0.5B	337.5	P19	OWTF	32.12093	1.39E-12	32.12093	7.88E-12	1.606046	4.63E-12	1.606046	5.56E-12	1.606046	0	1.606046	0
RT_RUITE	2	0.5D	0	P19	OWTF	21.31327	2.05E-12	21.31327	1.16E-11	0.065663	6.82E-12	0.065663	8.19E-12	0.065663	0	0.065663	0
RT_RUITE	2	0.5D	22.5	P19	OWTF	6.607113	2.2E-12	6.607113	1.25E-11	0.330356	7.33E-12	0.330356	8.8E-12	0.330356	0	0.330356	0
RT_RUITE	2	0.5D	270	P19	OWTF	3.73543	5.36E-12	3.73543	3.04E-11	0.186772	1.79E-11	0.186772	2.15E-11	0.186772	0	0.186772	0
RT_RUITE	2	0.5D	292.5	P19	OWTF	16.36634	2.65E-12	16.36634	1.5E-11	0.818317	8.84E-12	0.818317	1.06E-11	0.818317	0	0.818317	0
RT_RUITE	2	0.5D	315	P19	OWTF	29.11463	1.74E-12	29.11463	9.87E-12	1.455732	5.8E-12	1.455732	6.97E-12	1.455732	0	1.455732	0
RT_RUITE	2	0.5D	337.5	P19	OWTF	32.12093	1.38E-12	32.12093	7.82E-12	1.606046	4.6E-12	1.606046	5.52E-12	1.606046	0	1.606046	0
RT_RUITE	2	0.5D	45	P19	OWTF	0.033653	1.45E-12	0.033653	8.22E-12	0.001683	4.83E-12	0.001683	5.8E-12	0.001683	0	0.001683	0
RT_RUITE	2	15D	0	P19	OWTF	0.201915	2.75E-12	0.201915	1.56E-11	0.010096	9.16E-12	0.010096	1.1E-11	0.010096	0	0.010096	0
RT_RUITE	2	15D	315	P19	OWTF	2.288372	9.37E-12	2.288372	5.31E-11	0.114419	3.12E-11	0.114419	3.75E-11	0.114419	0	0.114419	0
RT_RUITE	2	15D	337.5	P19	OWTF	1.693844	3.82E-12	1.693844	2.17E-11	0.084692	1.27E-11	0.084692	1.53E-11	0.084692	0	0.084692	0
RT_RUITE	2	1F	0	P19	OWTF	14.76224	1.39E-11	14.76224	7.89E-11	0.738112	4.64E-11	0.738112	5.57E-11	0.738112	0	0.738112	0
RT_RUITE	2	1F	22.5	P19	OWTF	2.445417	1.28E-11	2.445417	7.27E-11	0.122271	4.28E-11	0.122271	5.13E-11	0.122271	0	0.122271	0
RT_RUITE	2	1F	270	P19	OWTF	0.13461	2.78E-11	0.13461	1.58E-10	0.006731	9.28E-11	0.006731	1.11E-10	0.006731	0	0.006731	0
RT_RUITE	2	1F	292.5	P19	OWTF	11.37455	2.15E-11	11.37455	1.22E-10	0.568728	7.16E-11	0.568728	8.6E-11	0.568728	0	0.568728	0
RT_RUITE	2	1F	315	P19	OWTF	25.99097	1.22E-11	25.99097	6.93E-11	1.299548	4.07E-11	1.299548	4.89E-11	1.299548	0	1.299548	0
RT_RUITE	2	1F	337.5	P19	OWTF	30.16908	9.85E-12	30.16908	5.59E-11	1.508454	3.28E-11	1.508454	3.94E-11	1.508454	0	1.508454	0
RT_RUITE	2	3B	0	P19	OWTF	0.53844	2.37E-12	0.53844	1.34E-11	0.026922	7.89E-12	0.026922	9.47E-12	0.026922	0	0.026922	0
RT_RUITE	2	3B	292.5	P19	OWTF	0.26922	2.69E-12	0.26922	1.53E-11	0.013461	8.97E-12	0.013461	1.08E-11	0.013461	0	0.013461	0
RT_RUITE	2	3B	315	P19	OWTF	1.076881	1.04E-12	1.076881	5.9E-12	0.053844	3.47E-12	0.053844	4.16E-12	0.053844	0	0.053844	0
RT_RUITE	2	3B	337.5	P19	OWTF	1.346101	9.64E-13	1.346101	5.46E-12	0.067305	3.21E-12	0.067305	3.86E-12	0.067305	0	0.067305	0
RT_RUITE	2	3E	0	P19	OWTF	2.254719	9.99E-12	2.254719	5.67E-11	0.112736	3.33E-11	0.112736	4E-11	0.112736	0	0.112736	0
RT_RUITE	2	3E	292.5	P19	OWTF	0.931053	2.36E-11	0.931053	1.34E-10	0.046553	7.88E-11	0.046553	9.46E-11	0.046553	0	0.046553	0
RT_RUITE	2	3E	315	P19	OWTF	5.361969	5.98E-12	5.361969	3.39E-11	0.268098	1.99E-11	0.268098	2.39E-11	0.268098	0	0.268098	0
RT_RUITE	2	3E	337.5	P19	OWTF	6.651983	2.76E-12	6.651983	1.57E-11	0.332599	9.21E-12	0.332599	1.11E-11	0.332599	0	0.332599	0
RT_RUITE	2	4D	0	P19	OWTF	0.605745	3.04E-11	0.605745	1.73E-10	0.030287	1.01E-10	0.030287	1.22E-10	0.030287	0	0.030287	0
RT_RUITE	2	4D	292.5	P19	OWTF	0.302873	7.76E-11	0.302873	4.4E-10	0.015144	2.59E-10	0.015144	3.11E-10	0.015144	0	0.015144	0
RT_RUITE	2	4D	315	P19	OWTF	2.097674	1.84E-11	2.097674	1.05E-10	0.104884	6.15E-11	0.104884	7.39E-11	0.104884	0	0.104884	0
RT_RUITE	2	4D	337.5	P19	OWTF	1.806019	8.23E-12	1.806019	4.67E-11	0.090301	2.74E-11	0.090301	3.3E-11	0.090301	0	0.090301	0
RT_RUITE	2	7D	0	P19	OWTF	0.370178	7.06E-12	0.370178	4E-11	0.018509	2.35E-11	0.018509	2.83E-11	0.018509	0	0.018509	0
RT_RUITE	2	7D	292.5	P19	OWTF	0.100958	5.61E-11	0.100958	3.18E-10	0.005048	1.87E-10	0.005048	2.25E-10	0.005048	0	0.005048	0
RT_RUITE	2	7D	315	P19	OWTF	2.490287	9.56E-12	2.490287	5.42E-11	0.124514	3.19E-11	0.124514	3.82E-11	0.124514	0	0.124514	0
RT_RUITE	2	7D	337.5	P19	OWTF	2.131327	3.78E-12	2.131327	2.14E-11	0.106566	1.26E-11	0.106566	1.51E-11	0.106566	0	0.106566	0
RT_RUITE	3	0.5B	0	P19	OWTF	33.25991	9.95E-13	33.25991	5.64E-12	1.662996	3.32E-12	1.662996	3.98E-12	1.662996	0	1.662996	0
RT_RUITE	3	0.5B	22.5	P19	OWTF	16.19808	1.08E-12	16.19808	6.1E-12	0.809904	3.58E-12	0.809904	4.3E-12	0.809904	0	0.809904	0
RT_RUITE	3	0.5B	270	P19	OWTF	3.398095	5.09E-12	3.398095	2.89E-11	0.169945	1.7E-11	0.169945	2.04E-11	0.169945	0	0.169945	0
RT_RUITE	3	0.5B	292.5	P19	OWTF	16.70287	2.52E-12	16.70287	1.43E-11	0.835144	8.4E-12	0.835144	1.01E-11	0.835144	0	0.835144	0
RT_RUITE	3	0.5B	315	P19	OWTF	31.80164	1.26E-12	31.80164	7.12E-12	1.590082	4.19E-12	1.590082	5.03E-12	1.590082	0	1.590082	0
RT_RUITE	3	0.5B	337.5	P19	OWTF	39.87141	1.39E-12	39.87141	7.88E-12	1.99357	4.63E-12	1.99357	5.56E-12	1.99357	0	1.99357	0
RT_RUITE	3	0.5B	45	P19	OWTF	2.378112	1.03E-12	2.378112									

Sample fN Pairs (Year 2011 Scenario - transport events for OWTF)

event_id	sub_event_id	weather_class_id	direction_id	population_id	sub_population_id	N_TM1	F_TM1	N_TM2	F_TM2	N_TM3	F_TM3	N_TM4	F_TM4	N_TM5	F_TM5	N_TM6	F_TM6
RT_RUITE	4	0.5D	270	P19	OWTF	1.749931	5.36E-12	1.749931	3.04E-11	0.087497	1.79E-11	0.087497	2.15E-11	0.087497	0	0.087497	0
RT_RUITE	4	0.5D	292.5	P19	OWTF	15.40164	2.65E-12	15.40164	1.5E-11	0.770082	8.84E-12	0.770082	1.06E-11	0.770082	0	0.770082	0
RT_RUITE	4	0.5D	315	P19	OWTF	27.76333	1.74E-12	27.76333	9.87E-12	1.388167	5.8E-12	1.388167	6.97E-12	1.388167	0	1.388167	0
RT_RUITE	4	0.5D	337.5	P19	OWTF	38.69439	1.38E-12	38.69439	7.82E-12	1.934719	4.6E-12	1.934719	5.52E-12	1.934719	0	1.934719	0
RT_RUITE	4	0.5D	45	P19	OWTF	9.90506	1.45E-12	9.90506	8.22E-12	0.495253	4.83E-12	0.495253	5.8E-12	0.495253	0	0.495253	0
RT_RUITE	4	0.5D	67.5	P19	OWTF	0.067305	2.89E-12	0.067305	1.64E-11	0.003365	9.62E-12	0.003365	1.15E-11	0.003365	0	0.003365	0
RT_RUITE	4	15D	0	P19	OWTF	4.531873	2.75E-12	4.531873	1.56E-11	0.226594	9.16E-12	0.226594	1.1E-11	0.226594	0	0.226594	0
RT_RUITE	4	15D	22.5	P19	OWTF	0.13461	1.16E-12	0.13461	6.59E-12	0.006731	3.87E-12	0.006731	4.65E-12	0.006731	0	0.006731	0
RT_RUITE	4	15D	315	P19	OWTF	1.189056	9.37E-12	1.189056	5.31E-11	0.059453	3.12E-11	0.059453	3.75E-11	0.059453	0	0.059453	0
RT_RUITE	4	15D	337.5	P19	OWTF	7.919561	3.82E-12	7.919561	2.17E-11	0.395978	1.27E-11	0.395978	1.53E-11	0.395978	0	0.395978	0
RT_RUITE	4	1F	0	P19	OWTF	38.55978	1.39E-11	38.55978	7.89E-11	1.927989	4.64E-11	1.927989	5.57E-11	1.927989	0	1.927989	0
RT_RUITE	4	1F	22.5	P19	OWTF	22.86128	1.28E-11	22.86128	7.27E-11	1.143064	4.28E-11	1.143064	5.13E-11	1.143064	0	1.143064	0
RT_RUITE	4	1F	292.5	P19	OWTF	6.640765	2.15E-11	6.640765	1.22E-10	0.332038	7.16E-11	0.332038	8.6E-11	0.332038	0	0.332038	0
RT_RUITE	4	1F	315	P19	OWTF	21.5264	1.22E-11	21.5264	6.93E-11	1.07632	4.07E-11	1.07632	4.89E-11	1.07632	0	1.07632	0
RT_RUITE	4	1F	337.5	P19	OWTF	35.1108	9.85E-12	35.1108	5.59E-11	1.75554	3.28E-11	1.75554	3.94E-11	1.75554	0	1.75554	0
RT_RUITE	4	1F	45	P19	OWTF	3.006292	7.77E-12	3.006292	4.41E-11	0.150315	2.59E-11	0.150315	3.11E-11	0.150315	0	0.150315	0
RT_RUITE	4	3B	0	P19	OWTF	5.698494	2.37E-12	5.698494	1.34E-11	0.284925	7.89E-12	0.284925	9.47E-12	0.284925	0	0.284925	0
RT_RUITE	4	3B	22.5	P19	OWTF	0.605745	1.99E-12	0.605745	1.13E-11	0.030287	6.63E-12	0.030287	7.96E-12	0.030287	0	0.030287	0
RT_RUITE	4	3B	315	P19	OWTF	3.701778	1.04E-12	3.701778	5.9E-12	0.185089	3.47E-12	0.185089	4.16E-12	0.185089	0	0.185089	0
RT_RUITE	4	3B	337.5	P19	OWTF	6.943638	9.64E-13	6.943638	5.46E-12	0.347182	3.21E-12	0.347182	3.86E-12	0.347182	0	0.347182	0
RT_RUITE	4	3E	0	P19	OWTF	12.55239	9.99E-12	12.55239	5.67E-11	0.62762	3.33E-11	0.62762	4E-11	0.62762	0	0.62762	0
RT_RUITE	4	3E	22.5	P19	OWTF	3.309165	1.23E-11	3.309165	6.97E-11	0.165458	4.1E-11	0.165458	4.92E-11	0.165458	0	0.165458	0
RT_RUITE	4	3E	315	P19	OWTF	6.405197	5.98E-12	6.405197	3.39E-11	0.32026	1.99E-11	0.32026	2.39E-11	0.32026	0	0.32026	0
RT_RUITE	4	3E	337.5	P19	OWTF	14.20137	2.76E-12	14.20137	1.57E-11	0.10068	9.21E-12	0.10068	1.11E-11	0.10068	0	0.10068	0
RT_RUITE	4	4D	0	P19	OWTF	6.158412	3.04E-11	6.158412	1.73E-10	0.307921	1.01E-10	0.307921	1.22E-10	0.307921	0	0.307921	0
RT_RUITE	4	4D	22.5	P19	OWTF	0.53844	3.52E-11	0.53844	1.99E-10	0.026922	1.17E-10	0.026922	1.41E-10	0.026922	0	0.026922	0
RT_RUITE	4	4D	315	P19	OWTF	3.701778	1.84E-11	3.701778	1.05E-10	0.185089	6.15E-11	0.185089	7.39E-11	0.185089	0	0.185089	0
RT_RUITE	4	4D	337.5	P19	OWTF	9.5461	8.23E-12	9.5461	4.67E-11	0.477305	2.74E-11	0.477305	3.3E-11	0.477305	0	0.477305	0
RT_RUITE	4	7D	0	P19	OWTF	6.48372	7.06E-12	6.48372	4E-11	0.324186	2.35E-11	0.324186	2.83E-11	0.324186	0	0.324186	0
RT_RUITE	4	7D	22.5	P19	OWTF	0.336525	5.17E-12	0.336525	2.93E-11	0.016826	1.72E-11	0.016826	2.07E-11	0.016826	0	0.016826	0
RT_RUITE	4	7D	315	P19	OWTF	2.479069	9.56E-12	2.479069	5.42E-11	0.123953	3.19E-11	0.123953	3.82E-11	0.123953	0	0.123953	0
RT_RUITE	4	7D	337.5	P19	OWTF	8.850614	3.78E-12	8.850614	2.14E-11	0.442531	1.26E-11	0.442531	1.51E-11	0.442531	0	0.442531	0
RT_RUITE	5	0.5B	0	P19	OWTF	41.25198	9.95E-13	41.25198	5.64E-12	0.206259	3.32E-12	0.206259	3.98E-12	0.206259	0	0.206259	0
RT_RUITE	5	0.5B	22.5	P19	OWTF	40.4331	1.08E-12	40.4331	6.1E-12	0.2021655	3.58E-12	0.2021655	4.3E-12	0.2021655	0	0.2021655	0
RT_RUITE	5	0.5B	292.5	P19	OWTF	9.534882	2.52E-12	9.534882	1.43E-11	0.476744	8.4E-12	0.476744	1.01E-11	0.476744	0	0.476744	0
RT_RUITE	5	0.5B	315	P19	OWTF	22.72667	1.26E-12	22.72667	7.12E-12	1.136334	4.19E-12	1.136334	5.03E-12	1.136334	0	1.136334	0
RT_RUITE	5	0.5B	337.5	P19	OWTF	33.77592	1.39E-12	33.77592	7.88E-12	1.688796	4.63E-12	1.688796	5.56E-12	1.688796	0	1.688796	0
RT_RUITE	5	0.5B	45	P19	OWTF	24.37565	1.03E-12	24.37565	5.84E-12	1.218782	3.43E-12	1.218782	4.12E-12	1.218782	0	1.218782	0
RT_RUITE	5	0.5B	67.5	P19	OWTF	1.817236	1.72E-12	1.817236	9.73E-12	0.090862	5.72E-12	0.090862	6.87E-12	0.090862	0	0.090862	0
RT_RUITE	5	0.5D	0	P19	OWTF	41.25198	2.05E-12	41.25198	1.16E-11	0.206259	6.82E-12	0.206259	8.19E-12	0.206259	0	0.206259	0
RT_RUITE	5	0.5D	22.5	P19	OWTF	40.4331	2.2E-12	40.4331	1.25E-11	0.2021655	7.33E-12	0.2021655	8.8E-12	0.2021655	0	0.2021655	0
RT_RUITE	5	0.5D	292.5	P19	OWTF	9.602187	2.65E-12	9.602187	1.5E-11	0.480109	8.84E-12	0.480109	1.06E-11	0.480109	0	0.480109	0
RT_RUITE	5	0.5D	315	P19	OWTF	22.79398	1.74E-12	22.79398	9.87E-12	1.139699	5.8E-12	1.139699	6.97E-12	1.139699	0	1.139699	0
RT_RUITE	5	0.5D	337.5	P19	OWTF	33.94418	1.38E-12	33.94418	7.82E-12	1.697209	4.6E-12	1.697209	5.52E-12	1.697209	0	1.697209	0
RT_RUITE	5	0.5D	45	P19	OWTF	24.4093	1.45E-12	24.4093	8.22E-12	1.220465	4.83E-12	1.220465	5.8E-12	1.220465	0	1.220465	0
RT_RUITE	5	0.5D	67.5	P19	OWTF	1.985499	2.89E-12	1.985499	1.64E-11	0.099275	6.62E-12	0.099275	1.15E-11	0.099275	0	0.099275	0
RT_RUITE	5	15D	0	P19	OWTF	8.615047	2.75E-12	8.615047	1.56E-11	0.430752	9.16E-12	0.430752	1.1E-11	0.430752	0	0.430752	0
RT_RUITE	5	15D	22.5	P19	OWTF	1.660191	1.16E-12	1.660191	6.59E-12	0.08301	3.87E-12	0.08301	4.65E-12	0.08301	0	0.08301	0
RT_RUITE	5	15D	337.5	P19	OWTF	6.236935	3.82E-12	6.236935	2.17E-11	0.311847	1.27E-11	0.311847	1.53E-11	0.311847	0	0.311847	0
RT_RUITE	5	1F	0	P19	OWTF	40.27605	1.39E-11	40.27605	7.89E-11	0.2013803	4.64E-11	0.2013803	5.57E-11	0.2013803	0	0.2013803	0
RT_RUITE	5	1F	22.5	P19	OWTF	35.91846	1.28E-11	35.91846	7.27E-11	1.795923	4.28E-11	1.795923	5.13E-11	1.795923	0	1.795923	0
RT_RUITE	5	1F	292.5	P19	OWTF	1.189056	2.15E-11	1.189056	1.22E-10	0.059453	7.16E-11	0.059453	8.6E-11	0.059453	0	0.059453	0
RT_RUITE	5	1F	315	P19	OWTF	14.65007	1.22E-11	14.65007	6.93E-11	0.732503	4.07E-11	0.732503	4.89E-11	0.732503	0	0.732503	0
RT_RUITE	5	1F	337.5	P19	OWTF	29.44596	9.85E-12	29.44596	5.59E-11	1.472298	3.28E-11	1.472298	3.94E-11	1.472298	0	1.472298	0
RT_RUITE	5	1F	45	P19	OWTF	10.94829	7.77E-12	10.94829	4.41E-11	0.547414	2.59E-11	0.547414	3.11E-11	0.547414	0	0.547414	0
RT_RUITE	5	3B	0	P19	OWTF	9.669492	2.37E-12	9.669492	1.34E-11	0.483475	7.89E-12	0.483475	9.47E-12	0.483475	0	0.483475	0
RT_RUITE	5	3B	22.5	P19	OWTF	3.320383	1.99E-12	3.320383	1.13E-11	0.166019	6.63E-12	0.166019	7.96E-12	0.166019	0	0.166019	0
RT_RUITE	5	3B	315	P19	OWTF	0.762791	1.04E-12	0.762791	5.9E-12	0.03814	3.47E-12	0.03814	4.16E-12	0.03814	0	0.03814	0
RT_RUITE	5	3B	337.5	P19	OWTF	7.100683	9.64E-13	7.100683	5.46E-12	0.355034	3.21E-12	0.355034	3.86E-12	0.355034	0	0.355034	0
RT_RUITE	5	3B	45	P19	OWTF	0.067305	1.38E-12	0.067305	7.84E-12	0.003365	4.61E-12	0.003365	5.53E-12	0.003365	0	0.003365	0
RT_RUITE	5	3E	0	P19	OWTF	19.14829	9.99E-12	19.14829	5.67E-11	0.957414	3.33E-11	0.957414	4E-11	0.957414	0	0.957414	0
RT_RUITE	5	3E	22.5	P19	OWTF	8.693569	1.23E-11	8.693569	6.97E-11	0.434678	4.1E-11	0.434678	4.92E-11	0.434678	0	0.434678	0
RT_RUITE	5	3E	315	P19	OWTF	1.850889	5.98E-12	1.850889	3.39E-11	0.092544	1.99E-11	0.092544	2.39E-11	0.092544	0	0.092544	0
RT_RUITE	5	3E	337.5	P19	OWTF	12.69822	2.76E-12	12.69822	1.57E-11	0.6349							

Sample fN Pairs (Year 2011 Scenario - transport events for OWTF)

event_id	sub_event_id	weather_class_id	direction_id	population_id	sub_population_id	N_TM1	F_TM1	N_TM2	F_TM2	N_TM3	F_TM3	N_TM4	F_TM4	N_TM5	F_TM5	N_TM6	F_TM6	
RT_RUITE	6 4D	45	P19	OWTF	0	5.3844	1.56E-11	0.53844	8.86E-11	0.026922	5.21E-11	0.026922	6.25E-11	0.026922	0	0.026922	0	
RT_RUITE	6 7D	0	P19	OWTF	9.804102	7.06E-12	9.804102	4E-11	0.490205	2.35E-11	0.490205	2.83E-11	0.490205	0	0.490205	0	0.490205	0
RT_RUITE	6 7D	22.5	P19	OWTF	8.334609	5.17E-12	8.334609	2.93E-11	0.41673	1.72E-11	0.41673	2.07E-11	0.41673	0	0.41673	0	0.41673	0
RT_RUITE	6 7D	337.5	P19	OWTF	2.344459	3.78E-12	2.344459	2.14E-11	0.117223	1.26E-11	0.117223	1.51E-11	0.117223	0	0.117223	0	0.117223	0
RT_RUITE	6 7D	45	P19	OWTF	0.201915	3.86E-12	0.201915	2.19E-11	0.010096	1.29E-11	0.010096	1.54E-11	0.010096	0	0.010096	0	0.010096	0
RT_RUITE	7 0.5B	0	P19	OWTF	29.32257	9.95E-13	29.32257	5.64E-12	1.466128	3.32E-12	1.466128	3.98E-12	1.466128	0	1.466128	0	1.466128	0
RT_RUITE	7 0.5B	22.5	P19	OWTF	37.19124	1.08E-12	37.19124	6.1E-12	1.859562	3.58E-12	1.859562	4.3E-12	1.859562	0	1.859562	0	1.859562	0
RT_RUITE	7 0.5B	315	P19	OWTF	6.281805	1.26E-12	6.281805	7.12E-12	0.31409	4.19E-12	0.31409	5.03E-12	0.31409	0	0.31409	0	0.31409	0
RT_RUITE	7 0.5B	337.5	P19	OWTF	18.46402	1.39E-12	18.46402	7.88E-12	0.923201	4.63E-12	0.923201	5.56E-12	0.923201	0	0.923201	0	0.923201	0
RT_RUITE	7 0.5B	45	P19	OWTF	36.45088	1.03E-12	36.45088	5.84E-12	1.822544	3.43E-12	1.822544	4.12E-12	1.822544	0	1.822544	0	1.822544	0
RT_RUITE	7 0.5B	67.5	P19	OWTF	22.60328	1.72E-12	22.60328	9.73E-12	1.130164	5.72E-12	1.130164	6.87E-12	1.130164	0	1.130164	0	1.130164	0
RT_RUITE	7 0.5B	90	P19	OWTF	3.174555	4.62E-12	3.174555	2.62E-11	0.158728	1.54E-11	0.158728	1.85E-11	0.158728	0	0.158728	0	0.158728	0
RT_RUITE	7 0.5D	0	P19	OWTF	29.55813	2.05E-12	29.55813	1.16E-11	1.477907	6.82E-12	1.477907	8.19E-12	1.477907	0	1.477907	0	1.477907	0
RT_RUITE	7 0.5D	22.5	P19	OWTF	37.19124	2.2E-12	37.19124	1.25E-11	1.859562	7.33E-12	1.859562	8.8E-12	1.859562	0	1.859562	0	1.859562	0
RT_RUITE	7 0.5D	315	P19	OWTF	6.34911	1.74E-12	6.34911	9.87E-12	0.317455	5.8E-12	0.317455	6.97E-12	0.317455	0	0.317455	0	0.317455	0
RT_RUITE	7 0.5D	337.5	P19	OWTF	18.63228	1.38E-12	18.63228	7.82E-12	0.931614	4.6E-12	0.931614	5.52E-12	0.931614	0	0.931614	0	0.931614	0
RT_RUITE	7 0.5D	45	P19	OWTF	36.45088	1.45E-12	36.45088	8.22E-12	1.822544	4.83E-12	1.822544	5.8E-12	1.822544	0	1.822544	0	1.822544	0
RT_RUITE	7 0.5D	67.5	P19	OWTF	22.80519	2.89E-12	22.80519	1.64E-11	1.14026	9.62E-12	1.14026	1.150E-11	1.14026	0	1.14026	0	1.14026	0
RT_RUITE	7 0.5D	90	P19	OWTF	3.275512	3.9E-12	3.275512	2.21E-11	0.163776	1.3E-11	0.163776	1.56E-11	0.163776	0	0.163776	0	0.163776	0
RT_RUITE	7 15D	0	P19	OWTF	3.926128	2.75E-12	3.926128	1.56E-11	0.196306	9.16E-12	0.196306	1.1E-11	0.196306	0	0.196306	0	0.196306	0
RT_RUITE	7 15D	22.5	P19	OWTF	9.310532	1.16E-12	9.310532	6.59E-12	0.465527	3.87E-12	0.465527	4.65E-12	0.465527	0	0.465527	0	0.465527	0
RT_RUITE	7 15D	45	P19	OWTF	2.153762	1.09E-12	2.153762	6.19E-12	0.107688	3.64E-12	0.107688	4.37E-12	0.107688	0	0.107688	0	0.107688	0
RT_RUITE	7 1F	0	P19	OWTF	25.65444	1.39E-11	25.65444	7.89E-11	1.282722	4.64E-11	1.282722	5.57E-11	1.282722	0	1.282722	0	1.282722	0
RT_RUITE	7 1F	22.5	P19	OWTF	37.19124	1.28E-11	37.19124	7.27E-11	1.859562	4.28E-11	1.859562	5.13E-11	1.859562	0	1.859562	0	1.859562	0
RT_RUITE	7 1F	315	P19	OWTF	0.594528	1.22E-11	0.594528	6.93E-11	0.029726	4.07E-11	0.029726	4.89E-11	0.029726	0	0.029726	0	0.029726	0
RT_RUITE	7 1F	337.5	P19	OWTF	10.86977	9.85E-12	10.86977	5.59E-11	0.543488	3.28E-11	0.543488	3.94E-11	0.543488	0	0.543488	0	0.543488	0
RT_RUITE	7 1F	45	P19	OWTF	34.05034	7.77E-12	34.05034	4.41E-11	1.702517	2.59E-11	1.702517	3.11E-11	1.702517	0	1.702517	0	1.702517	0
RT_RUITE	7 1F	67.5	P19	OWTF	10.17428	9.15E-12	10.17428	5.19E-11	0.508714	3.05E-11	0.508714	3.66E-11	0.508714	0	0.508714	0	0.508714	0
RT_RUITE	7 3B	0	P19	OWTF	6.831463	2.37E-12	6.831463	1.34E-11	0.341573	7.89E-12	0.341573	9.47E-12	0.341573	0	0.341573	0	0.341573	0
RT_RUITE	7 3B	22.5	P19	OWTF	11.38577	1.99E-12	11.38577	1.13E-11	0.569289	6.63E-12	0.569289	7.96E-12	0.569289	0	0.569289	0	0.569289	0
RT_RUITE	7 3B	337.5	P19	OWTF	0.100958	9.64E-13	0.100958	5.46E-12	0.005048	3.21E-12	0.005048	3.86E-12	0.005048	0	0.005048	0	0.005048	0
RT_RUITE	7 3B	45	P19	OWTF	4.509438	1.38E-12	4.509438	7.84E-12	0.225472	4.61E-12	0.225472	5.53E-12	0.225472	0	0.225472	0	0.225472	0
RT_RUITE	7 3E	0	P19	OWTF	9.86019	9.99E-12	9.86019	5.67E-11	0.493009	3.33E-11	0.493009	4E-11	0.493009	0	0.493009	0	0.493009	0
RT_RUITE	7 3E	22.5	P19	OWTF	18.11628	1.23E-11	18.11628	6.97E-11	0.905814	4.1E-11	0.905814	4.92E-11	0.905814	0	0.905814	0	0.905814	0
RT_RUITE	7 3E	337.5	P19	OWTF	1.716279	2.76E-12	1.716279	1.57E-11	0.085814	9.21E-12	0.085814	1.11E-11	0.085814	0	0.085814	0	0.085814	0
RT_RUITE	7 3E	45	P19	OWTF	10.76881	6.11E-12	10.76881	3.47E-11	0.53844	2.04E-11	0.53844	2.45E-11	0.53844	0	0.53844	0	0.53844	0
RT_RUITE	7 4D	0	P19	OWTF	6.30424	3.04E-11	6.30424	1.73E-10	0.315212	1.01E-10	0.315212	1.22E-10	0.315212	0	0.315212	0	0.315212	0
RT_RUITE	7 4D	22.5	P19	OWTF	11.07168	3.52E-11	11.07168	1.99E-10	0.553584	1.17E-10	0.553584	1.41E-10	0.553584	0	0.553584	0	0.553584	0
RT_RUITE	7 4D	337.5	P19	OWTF	0.067305	8.23E-12	0.067305	4.67E-11	0.003365	2.74E-11	0.003365	3.3E-11	0.003365	0	0.003365	0	0.003365	0
RT_RUITE	7 4D	45	P19	OWTF	6.091107	1.56E-11	6.091107	8.86E-11	0.304555	5.21E-11	0.304555	6.25E-11	0.304555	0	0.304555	0	0.304555	0
RT_RUITE	7 7D	0	P19	OWTF	4.587961	7.06E-12	4.587961	4E-11	0.229398	2.35E-11	0.229398	2.83E-11	0.229398	0	0.229398	0	0.229398	0
RT_RUITE	7 7D	22.5	P19	OWTF	11.29603	5.17E-12	11.29603	2.93E-11	0.564802	1.72E-11	0.564802	2.07E-11	0.564802	0	0.564802	0	0.564802	0
RT_RUITE	7 7D	45	P19	OWTF	4.105608	3.86E-12	4.105608	2.19E-11	0.20528	1.29E-11	0.20528	1.54E-11	0.20528	0	0.20528	0	0.20528	0
RT_RUITE	8 0.5B	0	P19	OWTF	23.94938	9.95E-13	23.94938	5.64E-12	1.197469	3.32E-12	1.197469	3.98E-12	1.197469	0	1.197469	0	1.197469	0
RT_RUITE	8 0.5B	112.5	P19	OWTF	1.121751	1.01E-11	1.121751	5.73E-11	0.056088	3.37E-11	0.056088	4.04E-11	0.056088	0	0.056088	0	0.056088	0
RT_RUITE	8 0.5B	22.5	P19	OWTF	33.65772	1.08E-12	33.65772	6.1E-12	1.682886	3.58E-12	1.682886	4.3E-12	1.682886	0	1.682886	0	1.682886	0
RT_RUITE	8 0.5B	315	P19	OWTF	1.570451	1.26E-12	1.570451	7.12E-12	0.078523	4.19E-12	0.078523	5.03E-12	0.078523	0	0.078523	0	0.078523	0
RT_RUITE	8 0.5B	337.5	P19	OWTF	10.65663	1.39E-12	10.65663	7.88E-12	0.532832	4.63E-12	0.532832	5.56E-12	0.532832	0	0.532832	0	0.532832	0
RT_RUITE	8 0.5B	45	P19	OWTF	37.71846	1.03E-12	37.71846	5.84E-12	1.885923	3.43E-12	1.885923	4.12E-12	1.885923	0	1.885923	0	1.885923	0
RT_RUITE	8 0.5B	67.5	P19	OWTF	33.81477	1.72E-12	33.81477	9.73E-12	1.690738	5.72E-12	1.690738	6.87E-12	1.690738	0	1.690738	0	1.690738	0
RT_RUITE	8 0.5B	90	P19	OWTF	14.4145	4.62E-12	14.4145	2.62E-11	0.720725	1.54E-11	0.720725	1.85E-11	0.720725	0	0.720725	0	0.720725	0
RT_RUITE	8 0.5D	0	P19	OWTF	24.08399	2.05E-12	24.08399	1.16E-11	1.2042	6.82E-12	1.2042	8.19E-12	1.2042	0	1.2042	0	1.2042	0
RT_RUITE	8 0.5D	112.5	P19	OWTF	1.121751	4.22E-12	1.121751	2.39E-11	0.056088	1.41E-11	0.056088	1.69E-11	0.056088	0	0.056088	0	0.056088	0
RT_RUITE	8 0.5D	22.5	P19	OWTF	33.65772	2.2E-12	33.65772	1.25E-11	1.682886	7.33E-12	1.682886	8.8E-12	1.682886	0	1.682886	0	1.682886	0
RT_RUITE	8 0.5D	315	P19	OWTF	1.604104	1.74E-12	1.604104	9.87E-12	0.080205	5.8E-12	0.080205	6.97E-12	0.080205	0	0.080205	0	0.080205	0
RT_RUITE	8 0.5D	337.5	P19	OWTF	10.72394	1.38E-12	10.72394	7.82E-12	0.536197	4.6E-12	0.536197	5.52E-12	0.536197	0	0.536197	0	0.536197	0
RT_RUITE	8 0.5D	45	P19	OWTF	37.71846	1.45E-12	37.71846	8.22E-12	1.885923	4.83E-12	1.885923	5.8E-12	1.885923	0	1.885923	0	1.885923	0
RT_RUITE	8 0.5D	67.5	P19	OWTF	33.81477	2.89E-12	33.81477	1.64E-11	1.690738	6.62E-12	1.690738	1.15E-11	1.690738	0	1.690738	0	1.690738	0
RT_RUITE	8 0.5D	90	P19	OWTF	14.68372	3.9E-12	14.68372	2.21E-11	0.734186	1.3E-11	0.734186	1.56E-11	0.734186	0	0.734186	0	0.734186	0
RT_RUITE</																		

Sample fN Pairs (Year 2011 Scenario - transport events for OWTF)

event_id	sub_event_id	weather_class_id	direction_id	population_id	sub_population_id	N_TM1	F_TM1	N_TM2	F_TM2	N_TM3	F_TM3	N_TM4	F_TM4	N_TM5	F_TM5	N_TM6	F_TM6
RT_RU1TE	9 3B	0	P19	OWTF	0.560875	2.37E-12	0.560875	1.34E-11	0.028044	7.89E-12	0.028044	9.47E-12	0.028044	0	0.028044	0	0
RT_RU1TE	9 3B	22.5	P19	OWTF	4.442133	1.99E-12	4.442133	1.13E-11	0.222107	6.63E-12	0.222107	7.96E-12	0.222107	0	0.222107	0	0
RT_RU1TE	9 3B	45	P19	OWTF	11.44186	1.38E-12	11.44186	7.84E-12	0.572093	4.61E-12	0.572093	5.53E-12	0.572093	0	0.572093	0	0
RT_RU1TE	9 3B	67.5	P19	OWTF	8.581394	1.86E-12	8.581394	1.06E-11	0.42907	6.21E-12	0.42907	7.46E-12	0.42907	0	0.42907	0	0
RT_RU1TE	9 3B	90	P19	OWTF	1.716279	1.17E-11	1.716279	6.65E-11	0.085814	3.91E-11	0.085814	4.7E-11	0.085814	0	0.085814	0	0
RT_RU1TE	9 3E	0	P19	OWTF	0.560875	9.99E-12	0.560875	5.67E-11	0.028044	3.33E-11	0.028044	4E-11	0.028044	0	0.028044	0	0
RT_RU1TE	9 3E	22.5	P19	OWTF	6.461285	1.23E-11	6.461285	6.97E-11	0.323064	4.1E-11	0.323064	4.92E-11	0.323064	0	0.323064	0	0
RT_RU1TE	9 3E	45	P19	OWTF	19.01888	6.11E-12	19.01888	3.47E-11	0.950944	2.04E-11	0.950944	2.45E-11	0.950944	0	0.950944	0	0
RT_RU1TE	9 3E	67.5	P19	OWTF	14.44815	4.46E-12	14.44815	2.53E-11	0.722408	1.49E-11	0.722408	1.79E-11	0.722408	0	0.722408	0	0
RT_RU1TE	9 3E	90	P19	OWTF	1.749931	2E-12	1.749931	1.14E-11	0.087497	6.68E-12	0.087497	8.02E-12	0.087497	0	0.087497	0	0
RT_RU1TE	9 4D	0	P19	OWTF	0.033653	3.04E-11	0.033653	1.73E-10	0.001683	1.01E-10	0.001683	1.22E-10	0.001683	0	0.001683	0	0
RT_RU1TE	9 4D	22.5	P19	OWTF	3.432558	3.52E-11	3.432558	1.99E-10	0.171628	1.17E-10	0.171628	1.41E-10	0.171628	0	0.171628	0	0
RT_RU1TE	9 4D	45	P19	OWTF	11.23994	1.56E-11	11.23994	8.86E-11	0.561997	5.21E-11	0.561997	6.25E-11	0.561997	0	0.561997	0	0
RT_RU1TE	9 4D	67.5	P19	OWTF	8.300956	1.44E-11	8.300956	8.19E-11	0.415048	4.82E-11	0.415048	5.78E-11	0.415048	0	0.415048	0	0
RT_RU1TE	9 4D	90	P19	OWTF	0.100958	2.1E-11	0.100958	1.19E-10	0.005048	6.99E-11	0.005048	8.4E-11	0.005048	0	0.005048	0	0
RT_RU1TE	9 7D	22.5	P19	OWTF	2.277154	5.17E-12	2.277154	2.93E-11	0.113858	1.72E-11	0.113858	2.07E-11	0.113858	0	0.113858	0	0
RT_RU1TE	9 7D	45	P19	OWTF	10.34254	3.86E-12	10.34254	2.19E-11	0.517127	1.29E-11	0.517127	1.54E-11	0.517127	0	0.517127	0	0
RT_RU1TE	9 7D	67.5	P19	OWTF	7.403556	2.73E-12	7.403556	1.55E-11	0.370178	9.09E-12	0.370178	1.09E-11	0.370178	0	0.370178	0	0