

CE454 Urban Transportation Systems - Portland State University

Friction Factors		Intrazonal Travel Times					
Time	Factor		1	2	3	4	
1	2	1	4	11	15	10	
4	1.6	2	11	6	6	9	
6	1	3	15	6	6	11	
9	0.9	4	10	9	11	4	
10	0.86						
11	0.82						
12	0.8		1	2	3	4	
15	0.68	Productions	3,400	6,150	3,900	2,800	16,250
20	0.49	Attractions	2,800	6,500	2,550	4,400	16,250

1) Using a gravity model, estimate the zone - to - zone distributions