#### **Urban Transportation Systems Engineering Lab**

by IIT Bombay - www.iitb.ac.in

#### **Experiment No. 8**

June 13, 2014, 12:00 am

#### **Calibration Of Doubly Constrained Gravity Model**

Input Values:

Solution:

Trip Matrix with respect to Optimal Beta Value (Minimum SSE)

Minimum Residual = 0	Optimal Beta = 0.001
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Target Oi Modell	ed Oi Target Dj	Modelled Dj
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Beta	Residual SSE
0.001	0
0.002	0



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0.033	0
0.034	0
0.035	0
0.036	0
0.037	0
0.038	0
0.039	0
0.04	0
0.041	0
0.042	0
0.043	0
0.044	0
0.045	0
0.046	0
0.047	0



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0.063	0
0.064	0
0.065	0
0.066	0
0.067	0
0.068	0
0.069	0
0.07	0
0.071	0
0.072	0
0.073	0
0.074	0
0.075	0
0.076	0
0.077	0



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0.079	0
0.08	0
0.081	0
0.082	0
0.083	0
0.084	0
0.085	0
0.086	0
0.087	0
0.088	0
0.089	0
0.09	0
0.091	0
0.092	0



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0.119	0
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0.122	0



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0.127	0
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0.137	0



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