

### Types of Districts

The districts were classified based on their distance from the GQ (and NSEW) into the following categories: nodal, 0-10, 10-50, and > 50. The classification is based on Arti Grovers paper.

Nodal districts in the paper are considered to be those that the GQ (and NSEW) networks were designed to pass through (rather than by chance).

For GQ the following district were classified as nodal: Delhi (all nine districts), Mumbai, Chennai, and Kolkata, Gurgaon, Faridabad, Ghaziabad, and Noida (called gautam buddh nagar), Thane, Mumbai Suburban. Bangalore is not included in the initial iteration (as in the paper).

For NSEW the following districts were classified as nodal: Delhi(all nine districts),NOIDA, Gurgaon, Faridabad, Ghaziabad, Hyderabad, and Bangalore. Porbander and Jhansi on EW part of the NSEW were not classified as a nodal city.

Table 1: Joint Distribution

		NSEW			
		nodal	0-10	10-50	> 50
GQ	District Type				
	nodal	13	NA	NA	5
	0-10	1	NA	NA	27
	10-50	NA	2	3	65
	> 50	1	14	37	428

Table 2: Average values of different variables based on closeness to GQ in 2001

GQ District Types	Avg GDP (million USD)	Avg GDP Per cap.	Avg Number of Factories	Avg. of Total Workers	Avg. of Total Output (million INR?)
nodal	3190.8	825.2	934	45434	66928.6
0-10	966	334.1	484	28270	24591.6
10-50	935.3	333.6	407	28458	41229.2
> 50	504.4	347.3	151	9139	8990.5

Table 3: Average values of different variables based on closeness to NSEW in 2001

NSEW District Types	Avg GDP (million USD)	Avg GDP Per cap.	Avg Number of Factories	Avg. of Total Workers	Avg. of Total Output (million INR?)
nodal	1833.4	741.5	700	41333	44927.2
0-10	1013.4	506.2	455	19055	20550.3
10-50	754.8	462.7	498	30144	21419.3
> 50	584.6	335.1	178	11157	13781.5

Table 4: Average values of different variables based on closeness to GQ in 2010/11

GQ District Types	Avg GDP (million USD)	Avg GDP Per cap.	Avg Number of Factories	Avg. of Total Workers	Avg. of Total Output (million INR?)
nodal	5182.2	1247.0	994	76076	257638.6
0-10	1545.4	471.9	567	47823	107897.7
10-50	1436.1	472.8	515	43057	170341.9
> 50	740.6	478.3	185	12688	37503.8

Table 5: Average values of different variables based on closeness to NSEW in 2010/11

NSEW District Types	Avg GDP (million USD)	Avg GDP Per cap.	Avg Number of Factories	Avg. of Total Workers	Avg. of Total Output (million INR?)
nodal	3336.3	1208.5	852	95031	220497.7
0-10	1620.4	755.8	689	39831	92237.3
10-50	1107.9	635.1	566	41307	73103.1
> 50	870.8	462.0	214	15424	56908.6