Reconstruction of Urban Rainfall Measurements to Estimate the Spatio-Temporal Variability of Extreme Rainfall

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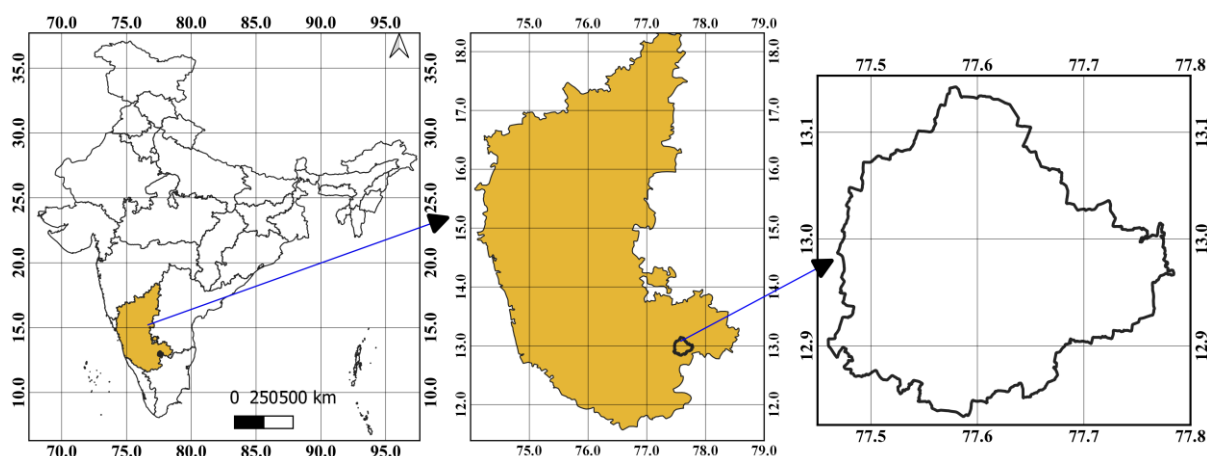* Correspondence: rajarshidb@iisc.ac.in; Tel.: +91-080-2293-3224
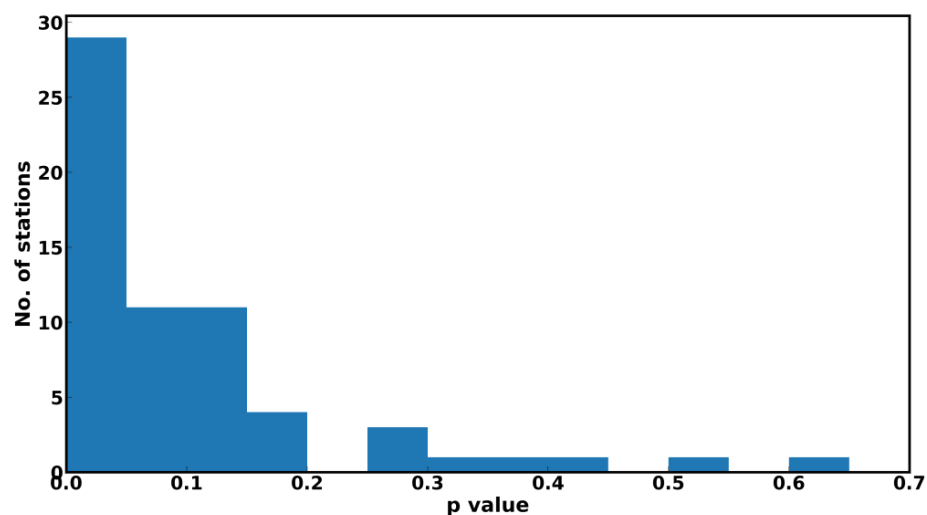

Figure S1. Location of Bangalore city.

Figure S2. Histogram showing number of stations with respective p value.
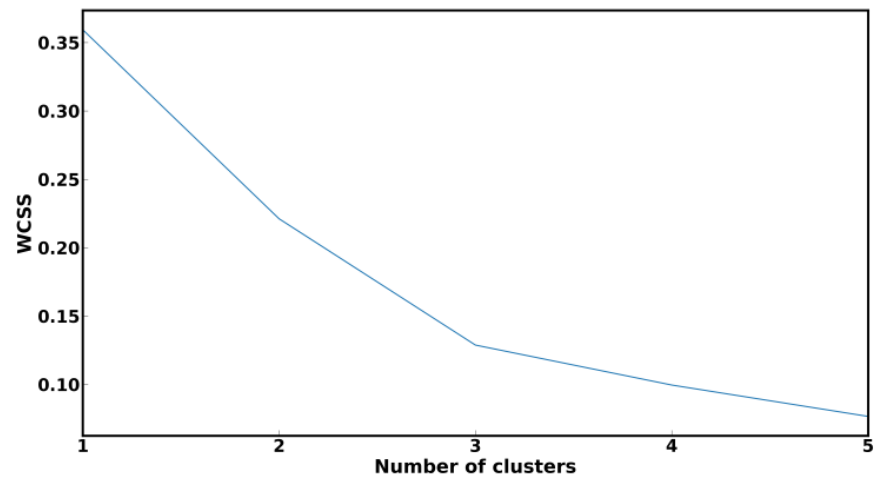
Figure S3. Elbow curve, where k=3 is chosen.

Table S1. Correlation between model predicted extremes and observed extremes for thirty KSNDMC stations. Extreme rainfalls are estimated using a point over threshold approach. 95th percentile of sub-daily rainfall is considered as the threshold.

Sl No	corr	Station Number
0	0.63	1018
1	0.70	1024
2	0.68	1031
3	0.72	1035
4	0.75	1050
5	0.65	2300
6	0.76	2301
7	0.72	2302
8	0.73	2303
9	0.83	2304
10	0.79	2305
11	0.69	2306
12	0.75	2307
13	0.73	2308
14	0.74	2309
15	0.70	2310
16	0.72	2314
17	0.73	2315
18	0.77	2316
19	0.67	2317
20	0.76	2318
21	0.68	2323
22	0.71	2364
23	0.67	2365
24	0.73	680
25	0.74	684
26	0.69	801
27	0.67	890
28	0.67	99

Table S2. Number of stations under each zones.

Zone	No. of stations
1	15
2	17
3	20