

Table 5: Goodness of fit

Column1	Column2	Column3	Column4	Column5	Column6
Data	Month	Distribution	Goodness of Fit Kolmogorov Smirnov	Anderson Darling	Chi-Square
Pune	1	Gen.Gamma	4	1	1
	2	Dagum	1	1	3
	3	Gen.pareto	4	2	1
	4	Error	1	1	2
	5	Gen.Extreme	1	1	2
	6	Gen.Gamma	1	1	4
	7	Log Logistic	1	10	7
ANAGAR	1	Beta	2	8	1
	2	Dagum	1	1	4
	3	Dagum	3	1	1
	4	Log Logistic	2	1	1
	5	Log Logistic	1	2	1
	6	Log Logistic	1	1	1
	7	Log Logistic	1	1	1
Solapur	1	beta	1	7	1
	2	Dagum	1	1	3
	3	Gen.Extreme value	2	1	11
	4	Gen.Extreme value	1	1	2
	5	Gen.Extreme value	2	1	4
	6	Nakagami	1	20	39
	7	Johnson SU	21	1	17
Sangli	1	Dagum	1	3	1
	2	Chi squared	1	7	1
	3	Gen.Extreme	1	1	4
	4	Gen.Gamma	1	2	1
	5	Burr	2	1	1
	6	Gen.Extreme	1	4	1
	7	Burr	7	1	4
Satara	1	Beta	1	1	1
	2	Dagum	3	1	1
	3	Dagum	1	1	2
	4	Dagum	1	1	1
	5	Gumbel Min.	1	4	1
	6	Laplace	1	1	2
	7	Cauchy	1	3	1
Kolhapur	1	Beta	1	1	1
	2	Kumaraswamy	1	1	1
	3	Dagum	1	1	1
	4	Dagum	3	1	1
	5	Gumbel Min.	1	1	3
	6	Gumbel Min.	2	1	1
	7	Cauchy	4	3	1

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