

Assessing the Impact of Outliers on Least Square Variogram Model

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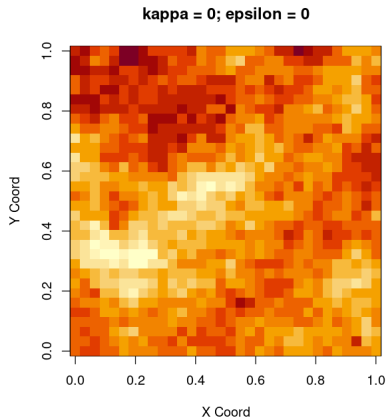
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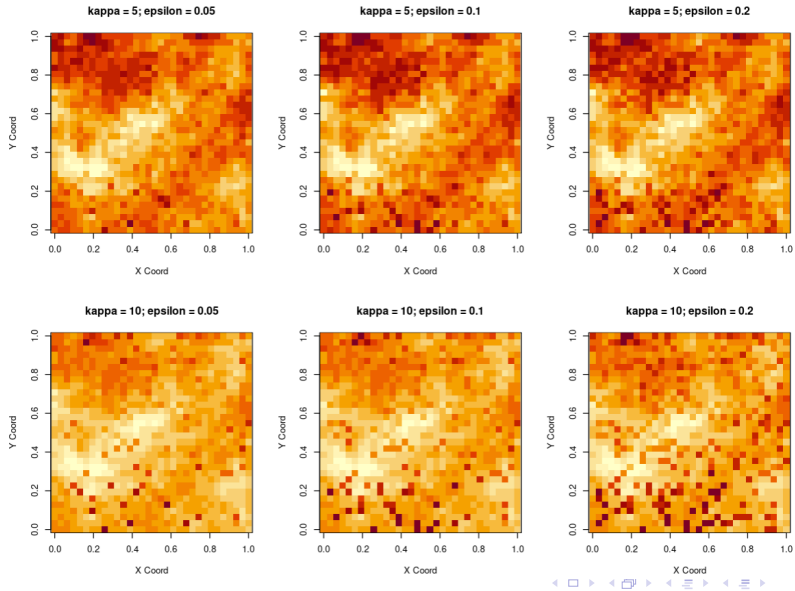
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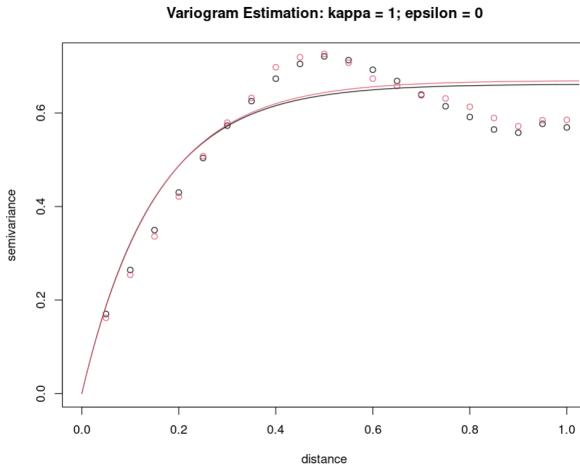
1. Introduction

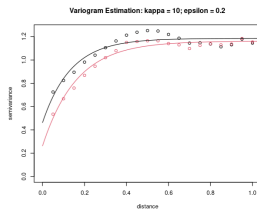
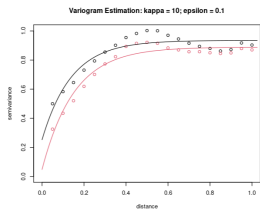
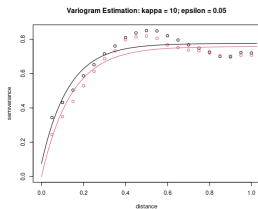
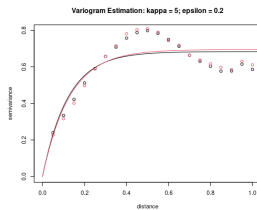
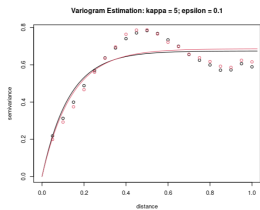
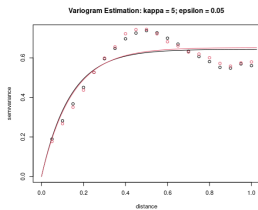
2. Methods

3. Simulation & Results









process	kappa	epsilon	nugget	sigmasq	phi	robust_nugget	robust_sigmasq	robust_phi
GRF	1	0.00	0.00	0.64	0.15	0.00	0.65	0.16
CGRF	5	0.05	0.00	0.64	0.14	0.00	0.65	0.14
CGRF	5	0.10	0.00	0.67	0.13	0.00	0.69	0.14
CGRF	5	0.20	0.00	0.68	0.12	0.00	0.69	0.13
CGRF	10	0.05	0.08	0.70	0.13	0.00	0.76	0.14
CGRF	10	0.10	0.25	0.68	0.14	0.05	0.84	0.15
CGRF	10	0.20	0.46	0.72	0.14	0.26	0.90	0.16

4. Conclusions

Bibliografy

Cressie N. 1993. Statistics for Spatial Data. John Wiley and Sons Inc., New York

Thank you!