Stat 534 Project: Point Process Intensity Surface Models

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1 Introduction

2 Surface Fitting

Baddeley and Turner (2000), Baddeley et al. (2014), Berman and Turner (1992), and Diggle et al. (1994)

3 Simple Example

4 Simulation

References

Baddeley, Adrian and Rolf Turner (2000). "Practical maximum pseudolikelihood for spatial point patterns". In: *Australian & New Zealand Journal of Statistics* 42.3, pp. 283–322.

Baddeley, Adrian et al. (2014). "Logistic regression for spatial Gibbs point processes". In: *Biometrika* 101.2, pp. 377–392.

Berman, Mark and T Rolf Turner (1992). "Approximating point process likelihoods with GLIM". In: *Applied Statistics*, pp. 31–38.

Diggle, Peter J et al. (1994). "On parameter estimation for pairwise interaction point processes". In: *International Statistical Review/Revue Internationale de Statistique*, pp. 99–117.