Literature on spatial point processes (not exhaustive)

General:

Møller and Waagepetersen (2004), Møller and Waagepetersen (2007) - and references therein (most of the course material covered by these references).

References after Møller and Waagepetersen (2004) and Møller and Waagepetersen (2007):

Estimating functions:

Guan (2006), Waagepetersen (2007), Waagepetersen and Guan (2009), Guan *et al.* (2012), Baddeley *et al.* (2013)

Normal variance mixture Cox processes:

Jalilian *et al.* (2011), Ghorbani (2013)

References

Baddeley, A. J., Couerjolly, J.-F., Rubak, E. & Waagepetersen, R. (2013). Logistic regression for spatial Gibbs point processes. Submitted.

Ghorbani, M. (2013). Cauchy cluster process. *Metrika* Appeared online, DOI 10.1007/s00184-012-0411-y.

Guan, Y. (2006). A composite likelihood approach in fitting spatial point process models. *Journal of the American Statistical Association* **101**, 1502–1512.

Guan, Y., Waagepetersen, R., & Jalilian, A. (2012). Quasi-likelihood for spatial point processes. Submitted.

Jalilian, A., Guan, Y. & Waagepetersen, R. (2011). Decomposition of variance for spatial Cox processes. *Scandinavian Journal of Statistics* .

Møller, J. & Waagepetersen, R. P. (2004). *Statistical inference and simulation for spatial point processes*. Chapman and Hall/CRC, Boca Raton.

Møller, J. & Waagepetersen, R. P. (2007). Modern statistics for spatial point processes. *Scandinavian Journal of Statistics* **34**, 643–684.

Waagepetersen, R. (2007). An estimating function approach to inference for inhomogeneous Neyman-Scott processes. *Biometrics* **63**, 252–258.

Waagepetersen, R. & Guan, Y. (2009). Two-step estimation for inhomogeneous spatial point processes. *Journal of the Royal Statistical Society, Series B* **71**, 685–702.