Daily rainfall accumulation in south-west England
Negated Wooster daily minimum temperatures

Statistical Modeling of Extreme Values
Negated Wooster daily minimum temperatures with time-varying threshold
Observations of negated Wooster daily minimum temperatures exceeding time-varying threshold
Exceedances of negated Wooster daily minimum temperatures over time-varying threshold
Model 1 for negated Wooster daily minimum temperatures: Time homogenous parameters

Parameter estimates

mu  sigma  gamma
Model 2 for negated Wooster daily minimum temperatures: Periodic in $\mu$
Model 3 for negated Wooster daily minimum temperatures: Periodic in $\mu$ and $\log \sigma$
Model 4 for negated Wooster daily minimum temperatures: Periodic in $\mu$, $\log \sigma$ and $\gamma$
Estimate of $\gamma$ in model 4
Model 5 for negated Wooster daily minimum temperatures: Periodic and linear trends in $\mu$ and $\log\sigma$
Model 6 for negated Wooster daily minimum temperatures: Periodic and linear trends in $\mu$ and $\log \sigma$ with separate $\gamma$ for each season
Estimate of $\gamma$ in model 6
Diagnostic plots of non-stationary point process model 3 fitted to negated Wooster daily minimum temperatures (Model 3)

Residual Probability Plot

Residual quantile Plot (Exptl. Scale)