STAT0017 ICA 1 2018-19

Student number: xxxxxxxx

2019-03-22

Extremal Types Example

[25]

Exploratory analysis

Winter maxima (wm)

```r
# Add R code here (and similarly elsewhere)
```

Storm peaks (pot)

Comments

[10]

Extreme value (EV) modelling of H_s

GEV modelling of winter maxima

Maximum Likelihood-Based Inference

Comments

Bayesian Inference

Comments

Binomial-GP modelling of storm peaks

Threshold selection

Maximum Likelihood-Based Inference

Comments

Bayesian Inference

Comments

[25]

Reporting to your client

[15]

EV regression modelling of winter maximum H_s on NAO

Build a GEV regression model

test123 [15]

Inference for H_s^{100}

[10]