Modelling

Data extraction from empirical data

Create 6 continuous distribution fits noting the average and standard deviation of

1) *end of last trip,*
2) *start of first trip, and*
3) *daily mileage*

of households participating in the survey.

for each participating household

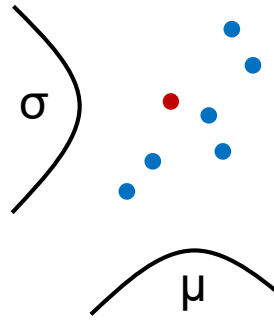
Preliminary Analysis

Scenario Generation

Assigning parameters describing the behaviour of EV owners

Sample parameter from all 6 model distributions

3 times



Each (μ,σ)-tuple describes an aspect of uncertain user behaviour via normal distribution

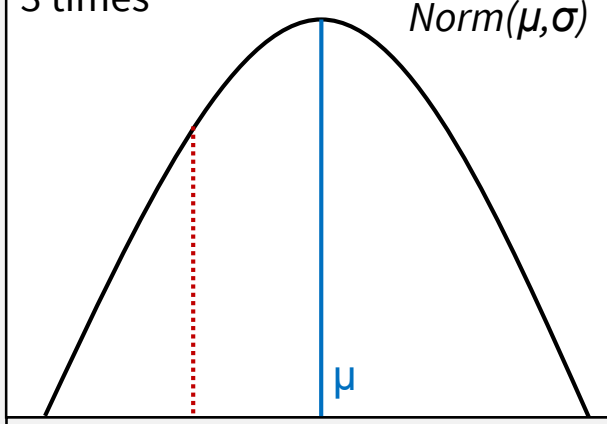
for each vehicle in the network

Optimal Scheduling

Realisation of Uncertainty

Sample from normal distributions to simulate observed behaviour

3 times



for each vehicle in the network