Operational Risk Analysis of Basic Structure in Railway Network Based on Simulation of Railway Operation

Framework of Master Thesis

Workflow for Mapping the Railway Operational Risk Map

Distribution of Arrival Delay
Distribution of Dwell Time Extension
Distribution of Technical Failure

Train Numbers
Delays per Train
Delays per Train
Train Numbers

Total Weighted Waiting Time from 7:00 to 9:00
Total Weighted Waiting Time from 16:00 to 18:00

Operational Risk Map of Hanover Railway Network