MULTISIMULATION RESULTS

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Summary sheet

| Parameter	Value	Additional remarks
General		
Software version	v2.0.1	2024-02-28
Project name	demo	
Scenario name	navmesh	
Number of iterations	10	
Risk indices		
Individual risk	4.206e-03 [--]	with a 95% confidence RMSE of 0.04010949468916615
Societal risk (WRI)	5.560e-01 [fatal.]	risk aversion included
Societal risk (AWR)	3.911e-01 [fatal.]	
Evacuation		
RSET	421.5 s	mean with standard deviation of 60.8 s
ASET	1000.0 s	mean with standard deviation of 0.0 s
Overlapping index of ASET/RSET	0.0 s	
Fire		
Upper layer temperature	78.1°C	mean of maximum value with a standard deviation of 11.1°C
Neutral plane height	33.2 cm	mean of minimum value with a standard deviation of 31.0 cm
Visibility	2.6 m	mean of minimum value with a standard deviation of 1.7 m

Plots

Individual risk
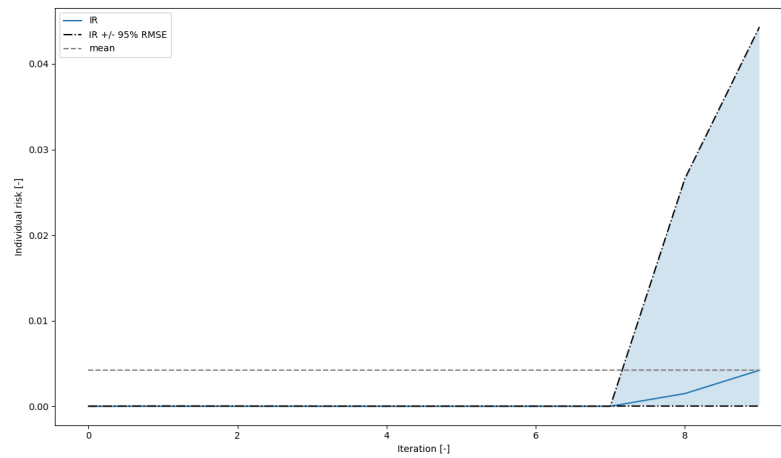
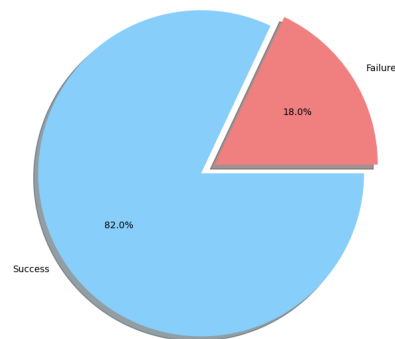Figure 1: Convergence of individual risk in subsequent iterations

Figure 2: The share of iterations with failure of safety systems (at least one person with FED > 1)
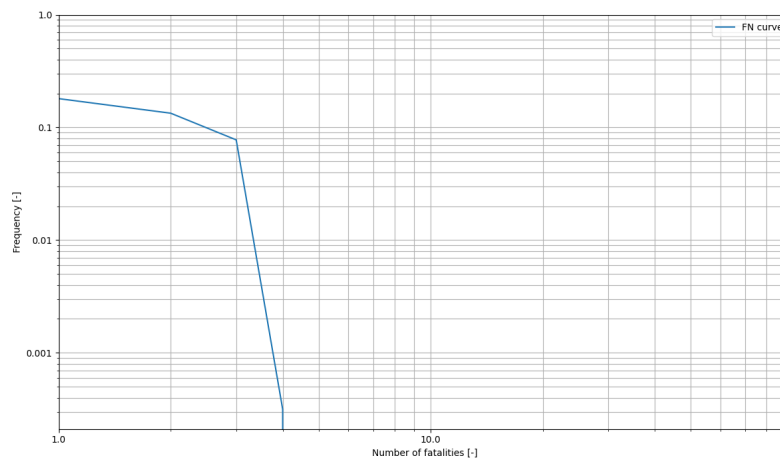
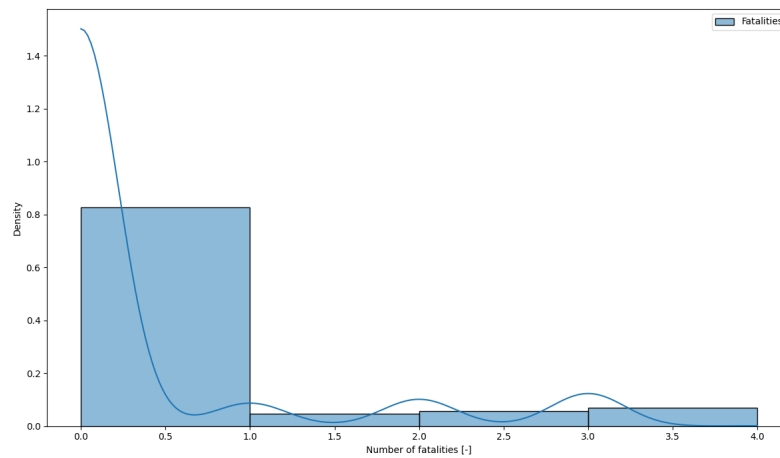# Societal risk

Figure 3: FN curve for the scenario

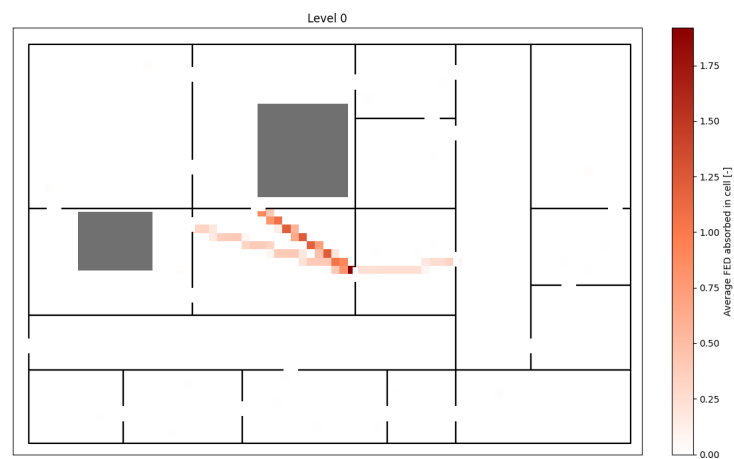Figure 4: Fatalities histogram (PDF)

Heatmaps of FED absorption

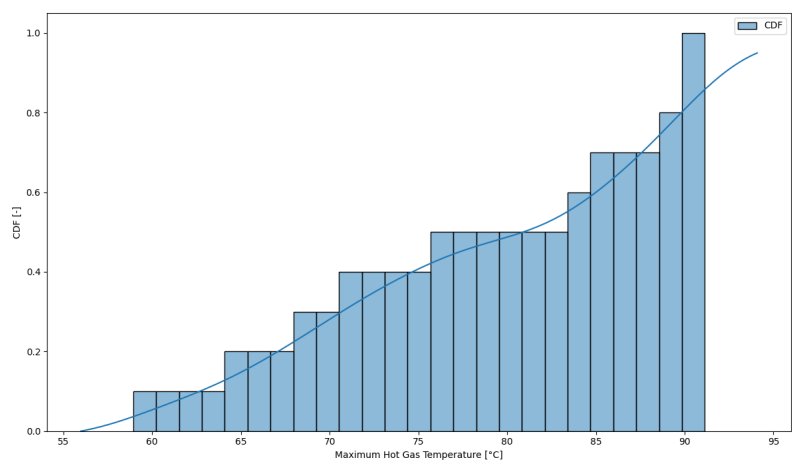Figure 5: Heatmap of FED absorption on level 0

Fire submodel

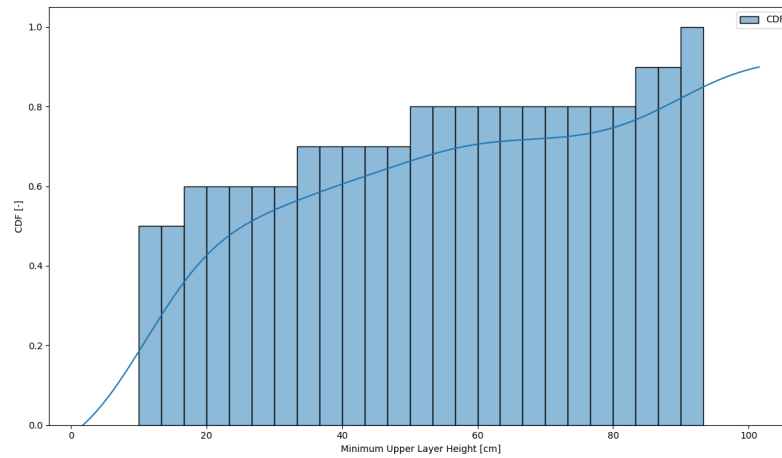Figure 6: Cumulative distribution function of maximal temperature

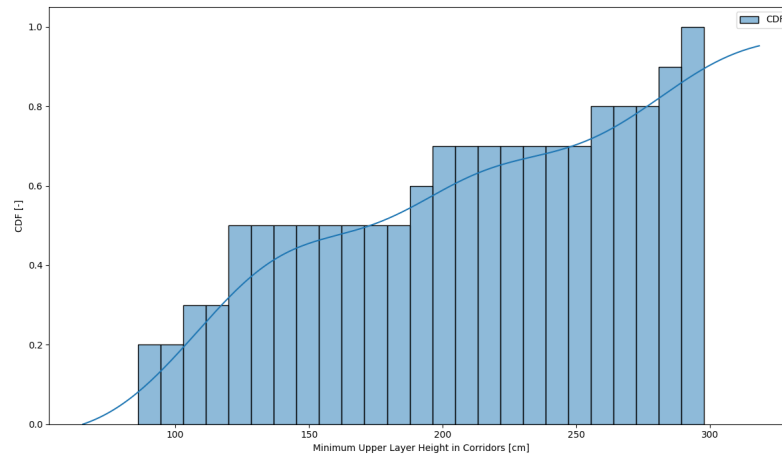Figure 7: Cumulative distribution function of minimal hot layer height

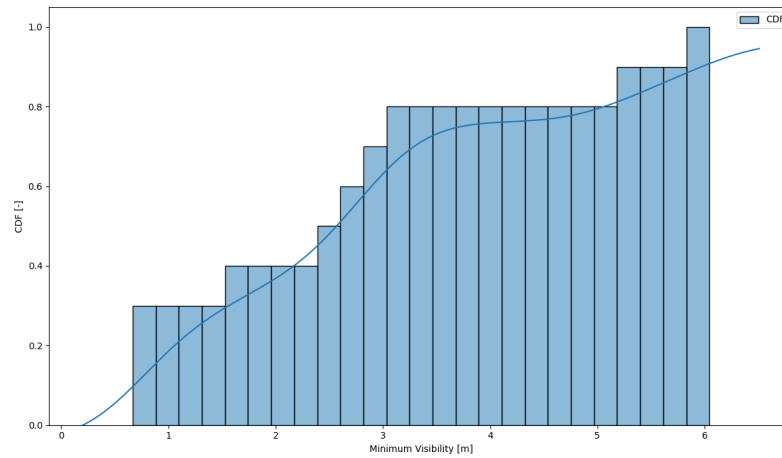Figure 8: Cumulative distribution function of minimal hot layer height on the evacuation routes

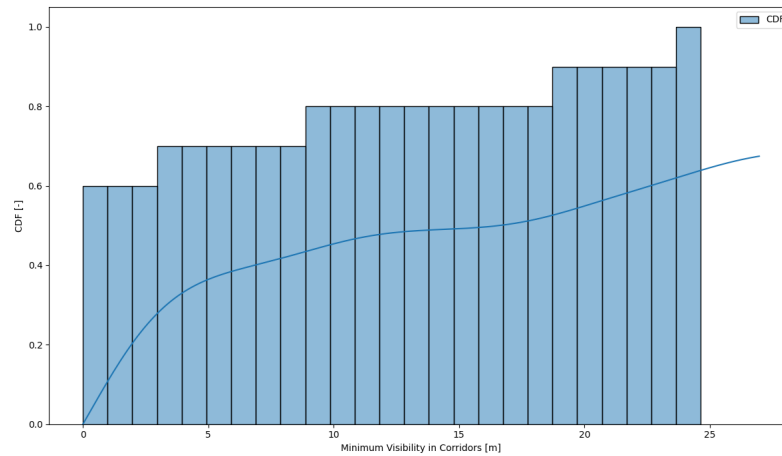Figure 9: Cumulative distribution function of the minimal visibility

Figure 10: Cumulative distribution function of the minimal visibility on the evacuation routes
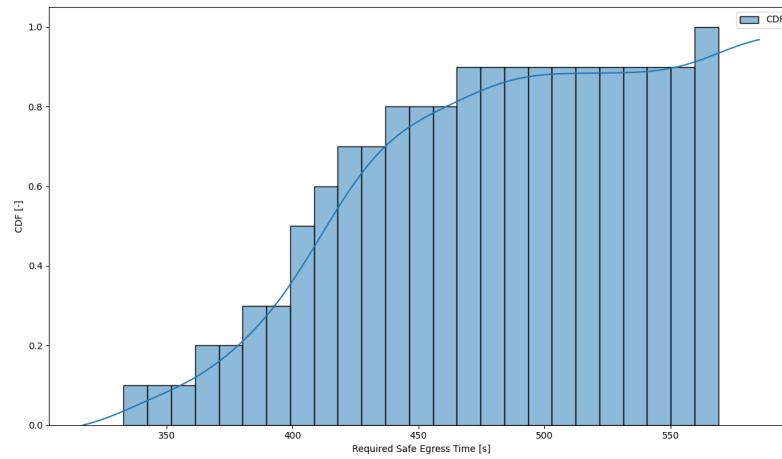
Evacuation submodel

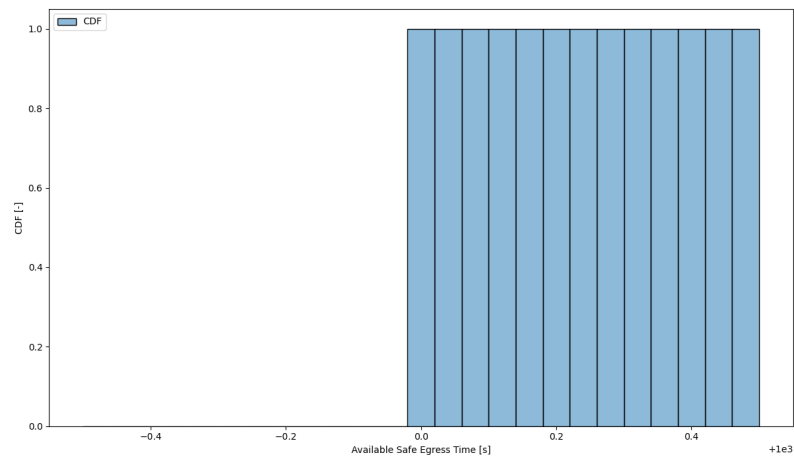Figure 11: Cumulative distribution function of RSET
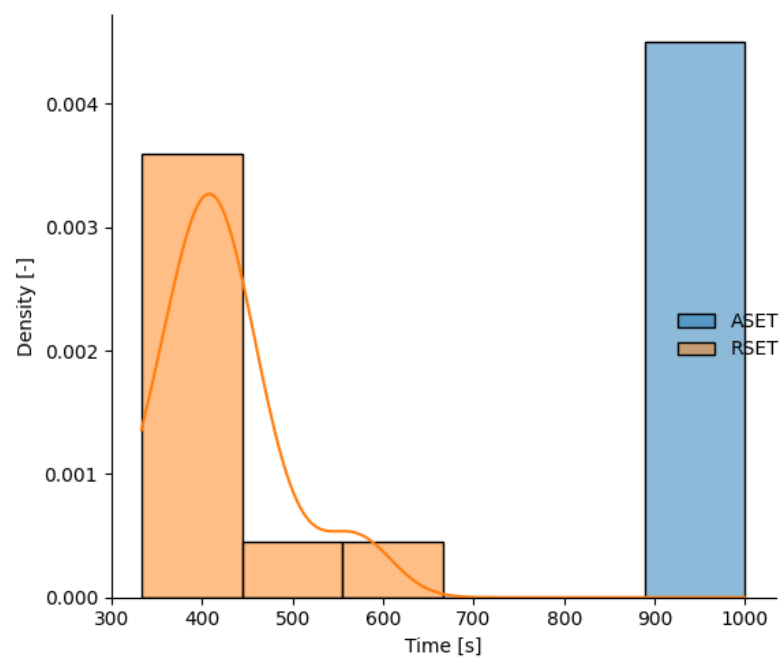

Figure 12: Cumulative distribution function of ASET

Figure 13: Probability density functions of RSET and ASET