MULTISIMULATION RESULTS

demo@aamks

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Summary sheet

Parameter	Value	Additional remarks
General		
Software version	v2.0.1	2024-02-28
Project name	demo	
Scenario name	three	
Number of iterations	10	
Risk indices		
Individual risk	1.199e-09 [--]	with a 95% confidence RMSE of 2.145771966531104e-05
Societal risk (WRI)	0.000e+00 [fatal.]	risk aversion included
Societal risk (AWR)	1.558e-07 [fatal.]	
Evacuation		
RSET	463.4 s	mean with standard deviation of 69.2 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	94.8°C	mean of maximum value with a standard deviation of 29.5°C
Neutral plane height	96.4 cm	mean of minimum value with a standard deviation of 46.1 cm
Visibility	1.5 m	mean of minimum value with a standard deviation of 1.4 m

Plots

Individual risk

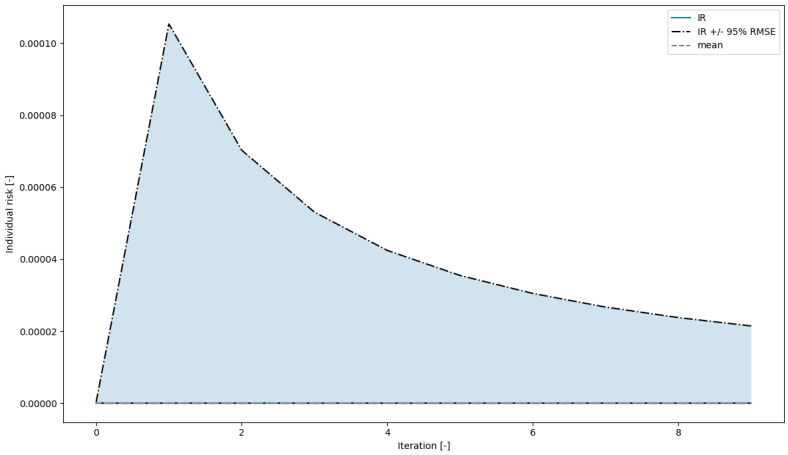

Figure 1: Convergence of individual risk in subsequent iterations

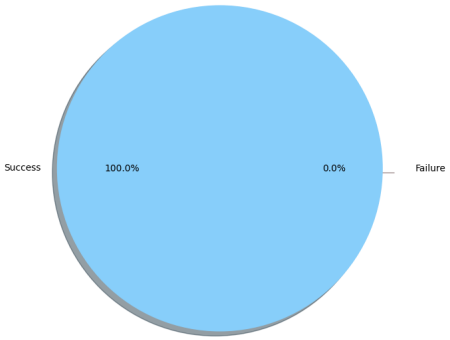

Figure 2: The share of iterations with failure of safety systems (at least one person with FED > 1)

Societal risk

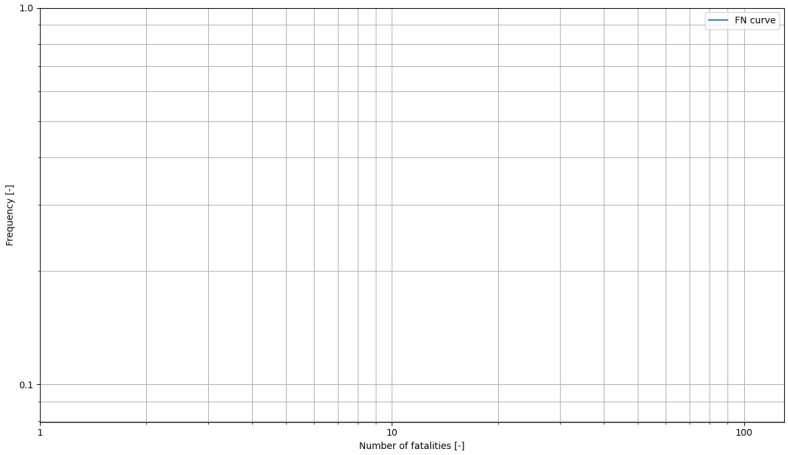

Figure 3: FN curve for the scenario

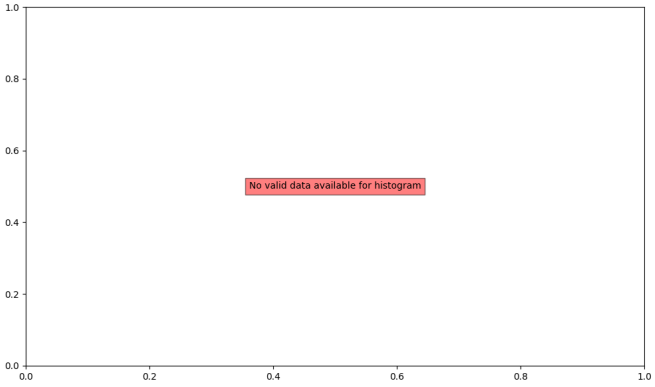

Figure 4: Fatalities histogram (PDF)

Heatmaps of FED absorption

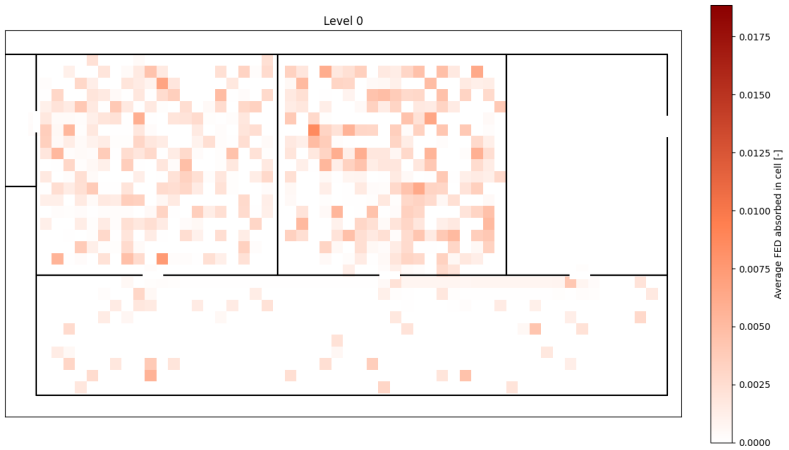

Figure 5: Heatmap of FED absorption on level 0

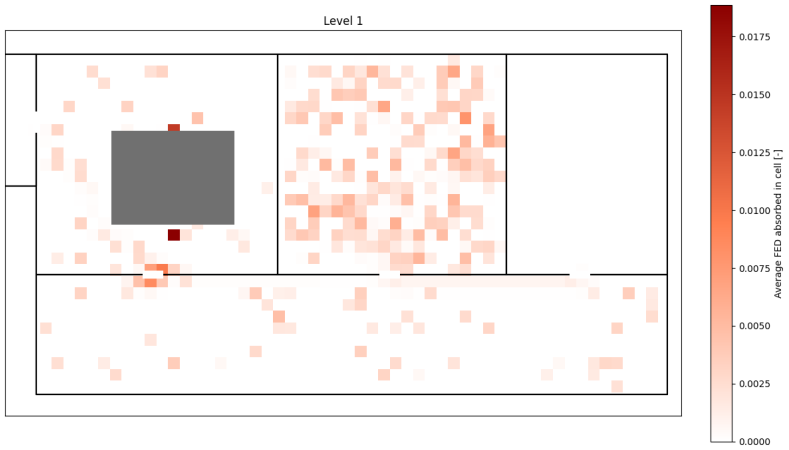

Figure 6: Heatmap of FED absorption on level 1

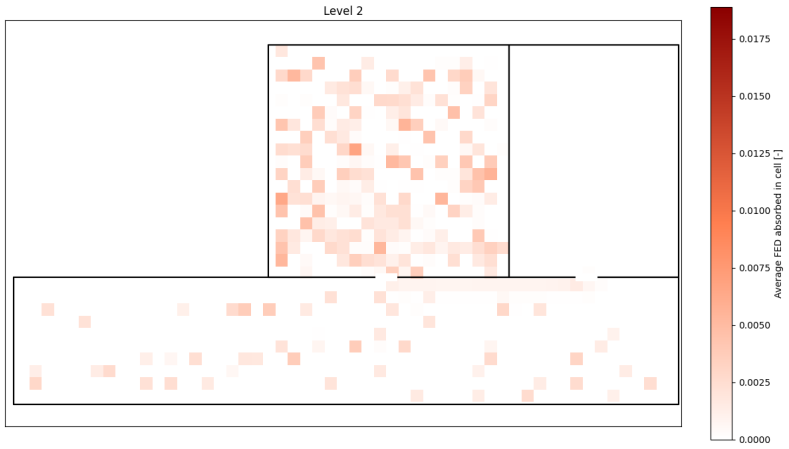

Figure 7: Heatmap of FED absorption on level 2

Fire submodel

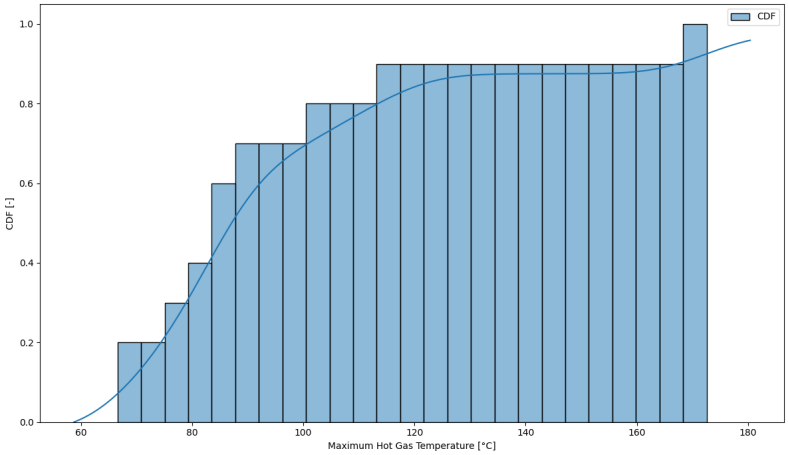

Figure 8: Cumulative distribution function of maximal temperature

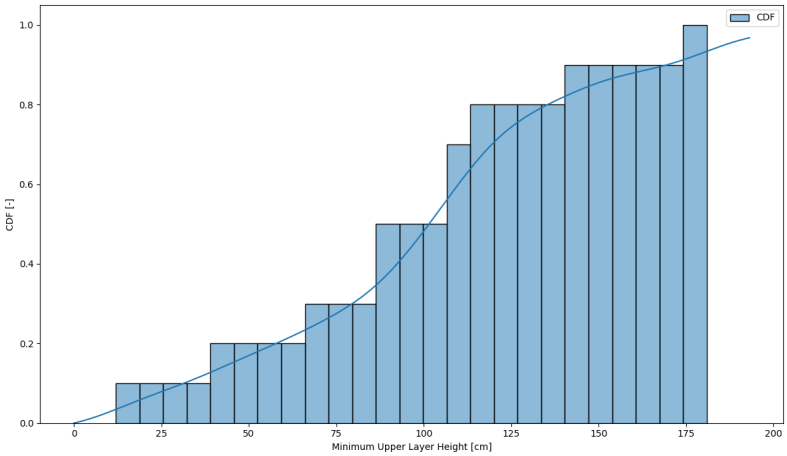

Figure 9: Cumulative distribution function of minimal hot layer height

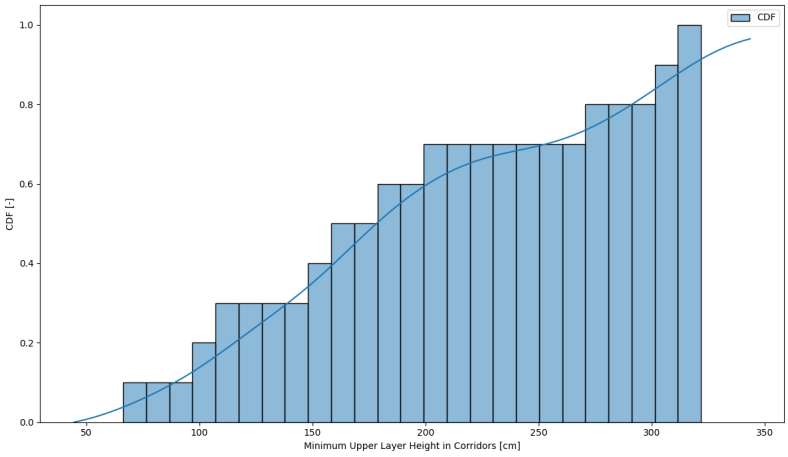

Figure 10: Cumulative distribution function of minimal hot layer height on the evacuation routes

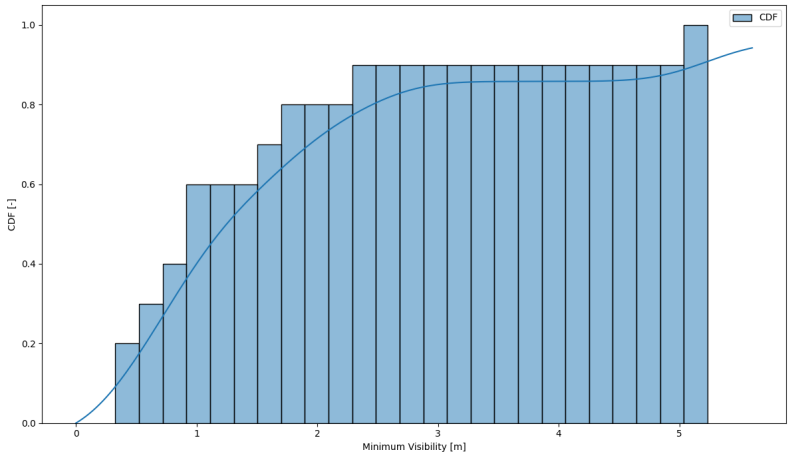

Figure 11: Cumulative distribution function of the minimal visibility

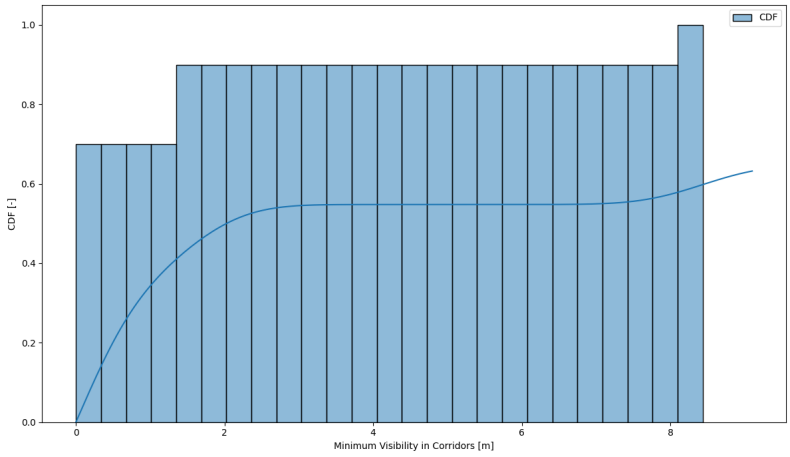

Figure 12: Cumulative distribution function of the minimal visibility on the evacuation routes

Evacuation submodel

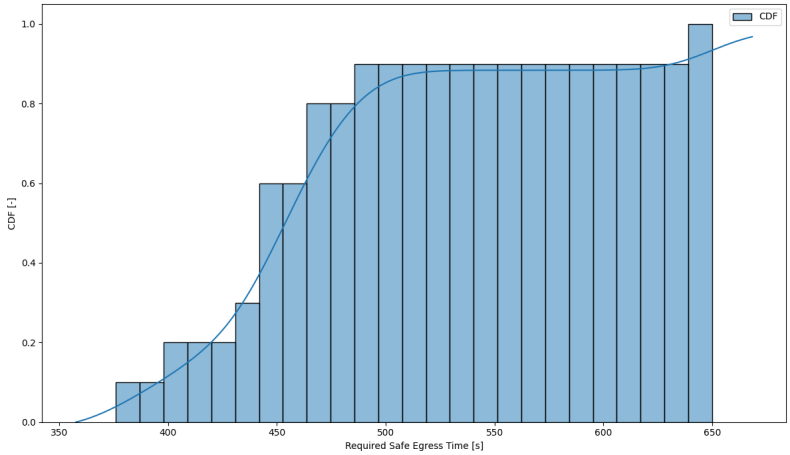

Figure 13: Cumulative distribution function of RSET

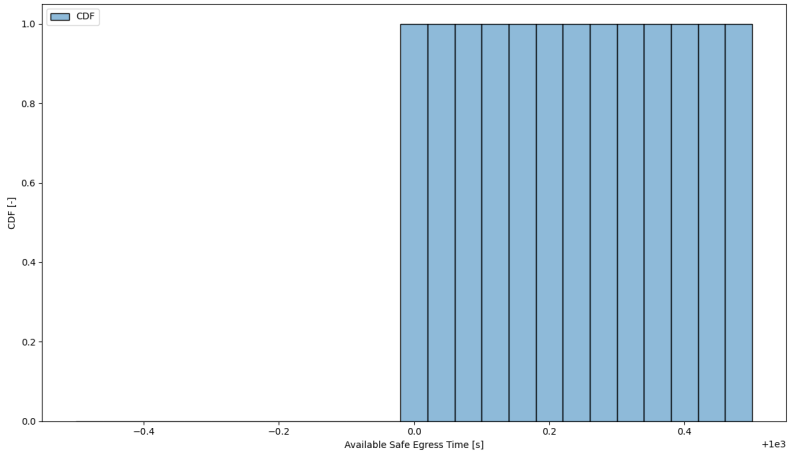

Figure 14: Cumulative distribution function of ASET

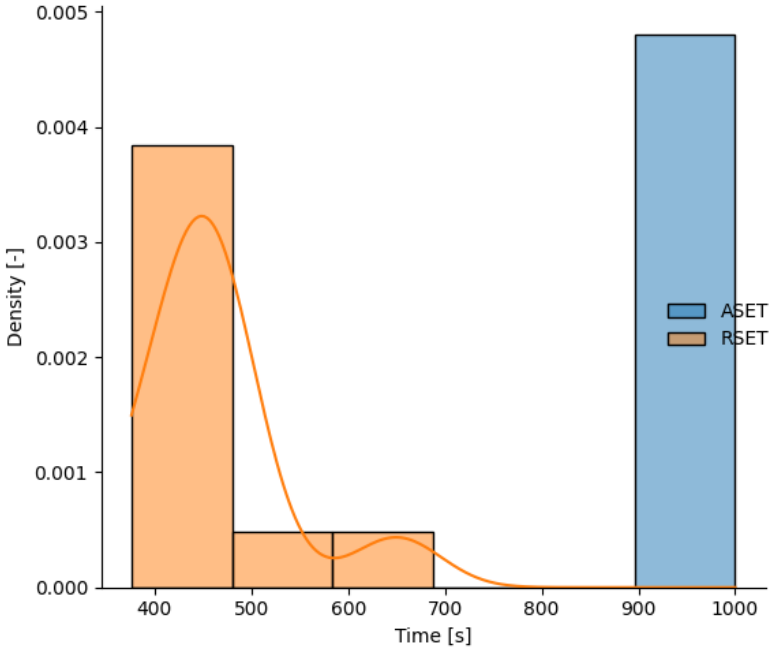

Figure 15: Probability density functions of RSET and ASET