Pedestrian Dynamics Project

Project: Evacuation simulation First floor

Campus Haspel

Presented by:

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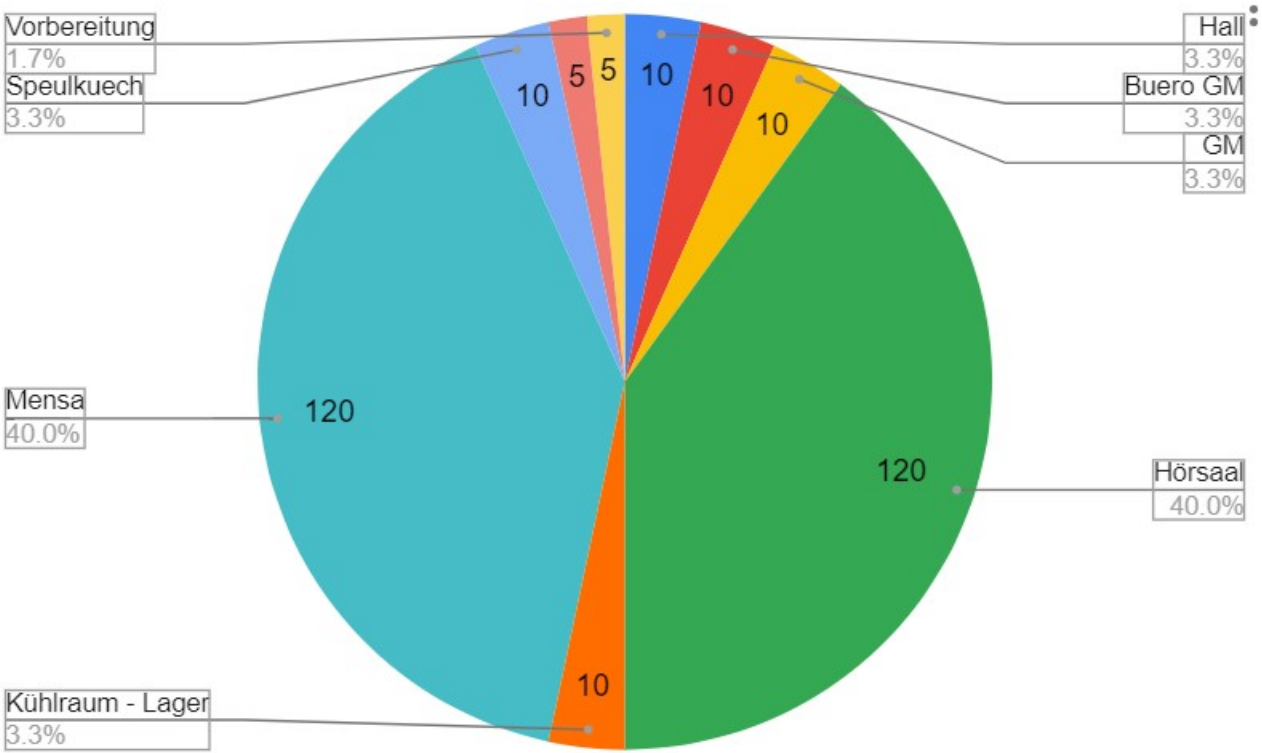
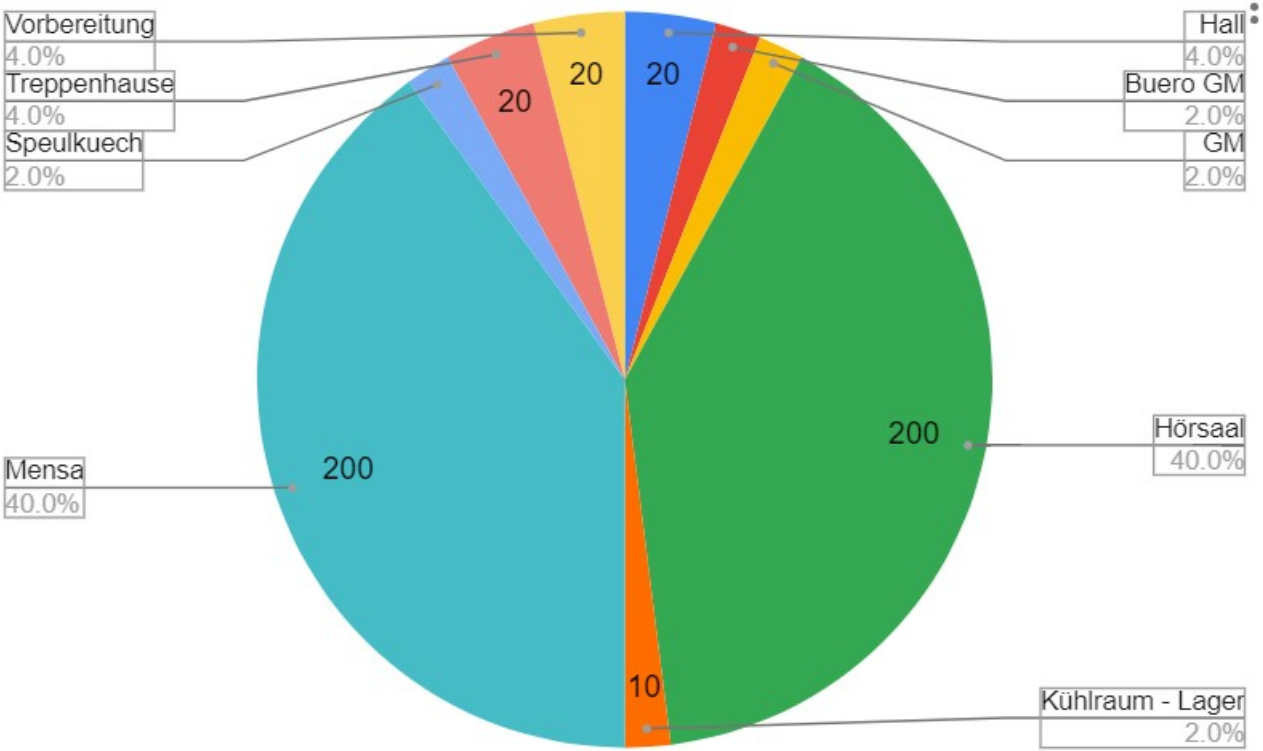
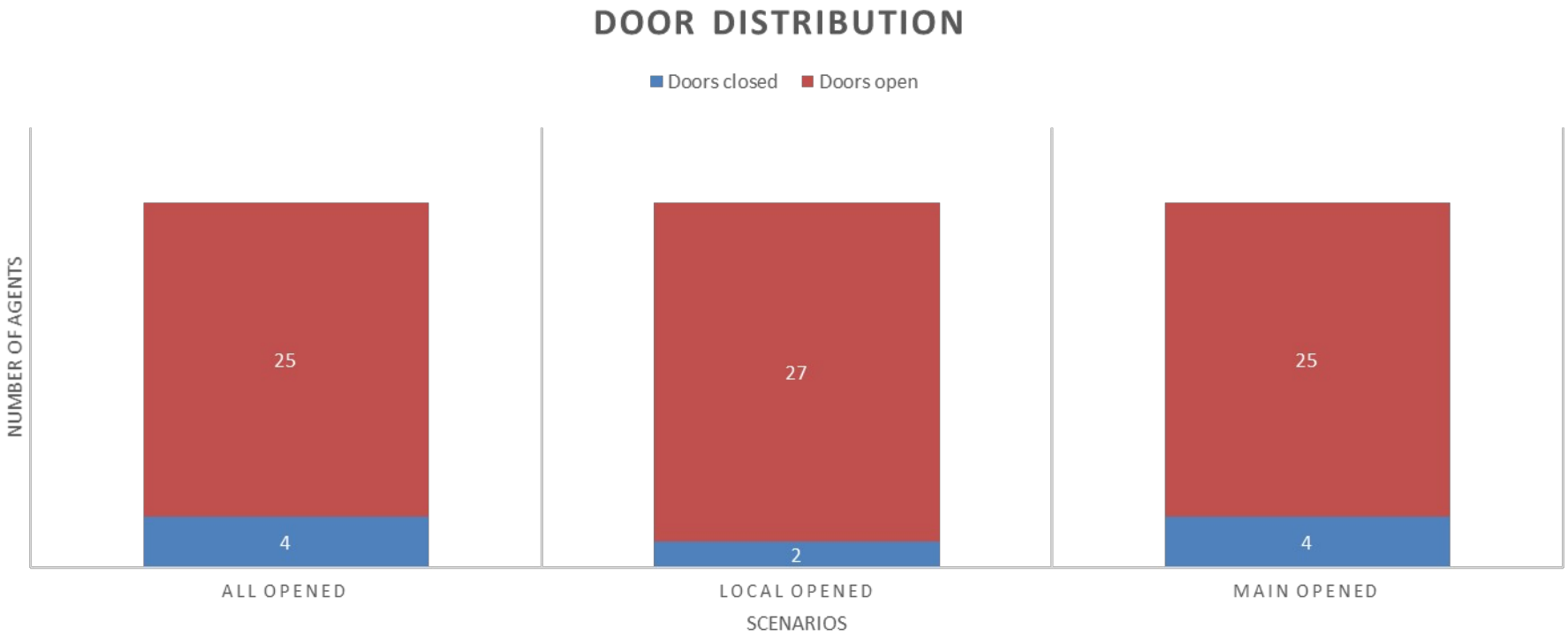
Configuration: Agents (300 people)



Configuration: Agents (500 people)



Configuration: doors



ETL (Extract, transform, load)

Github link: https://tinyurl.com/24awhthn

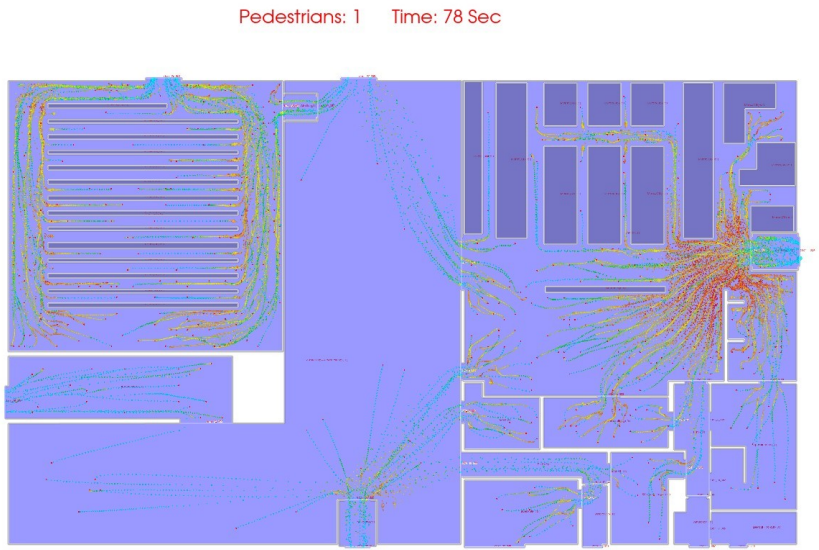
Scenario: All Doors Opened (300 agent)

GCFM-85

Tordeux-53.46

Scenario: All Doors Opened (500 agent)

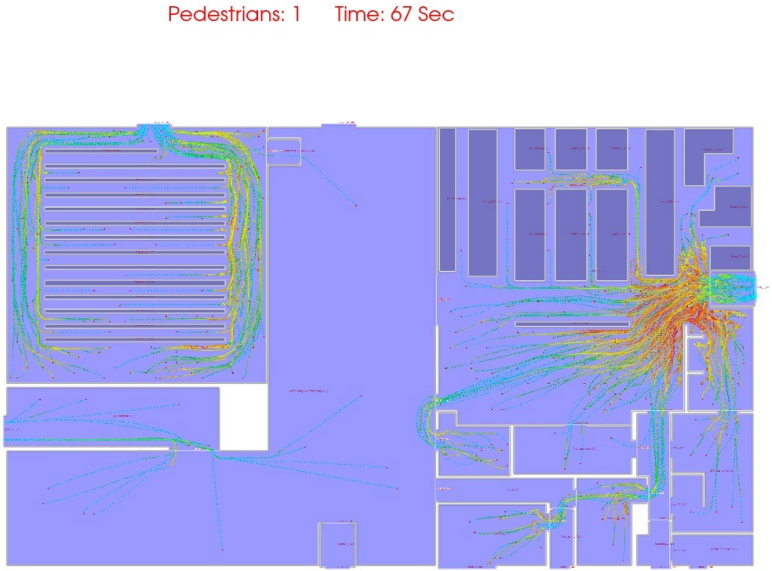
GCFM-134



Tordeux-78.04

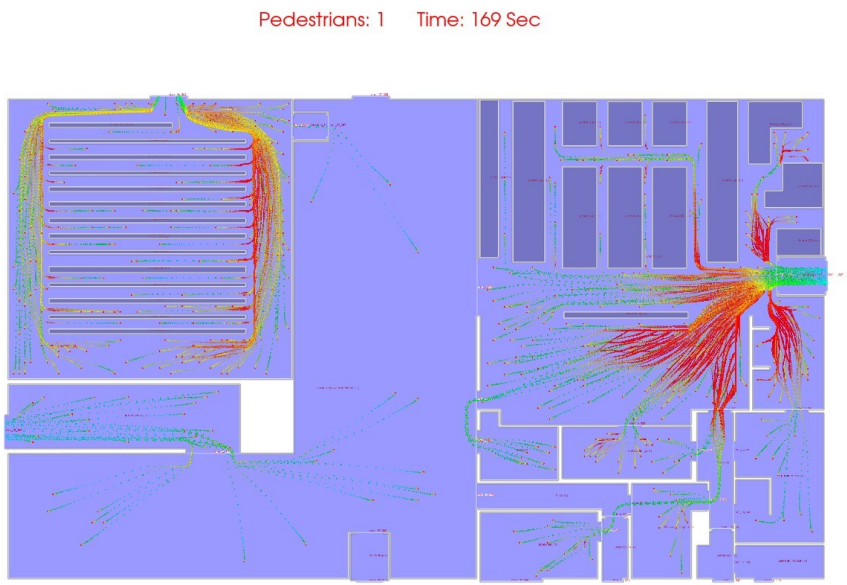
Scenario: Main door closed, Local door open (300 agent)

GCFM-109.28

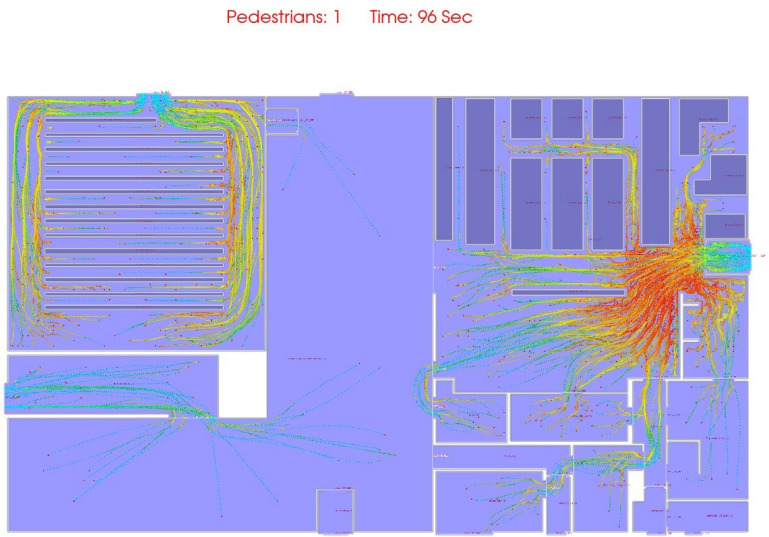


Tordeux-67.83

Scenario: Main door closed, Local door open (500 agent)



GCFM-169.75



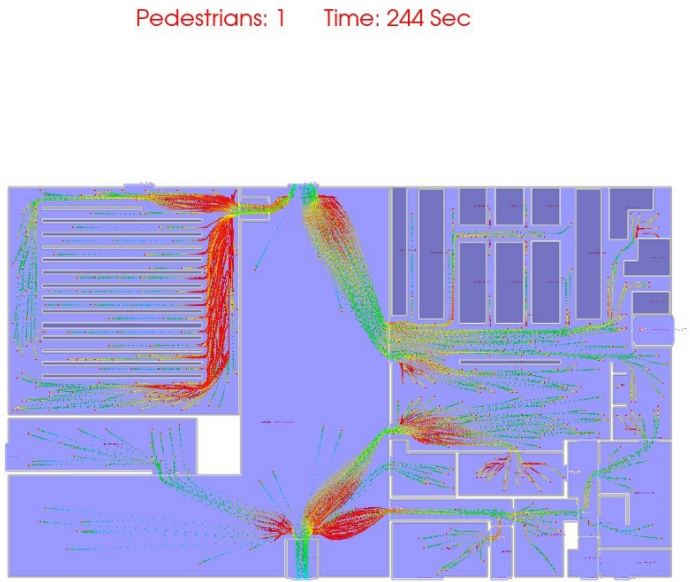
Tordeux-96.96

Scenario: Only Main Doors Opened (300 agent)

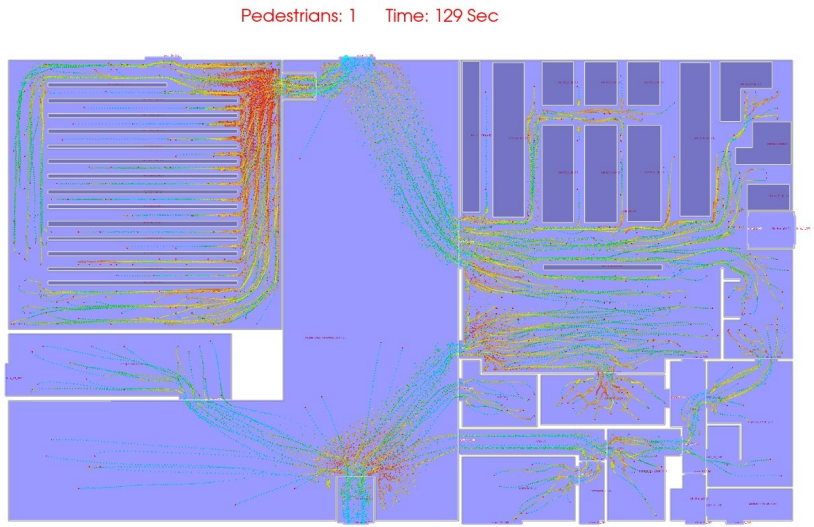
GCFM-140

Tordeux-81.75

Scenario: Only Main Doors Opened (500 agent)

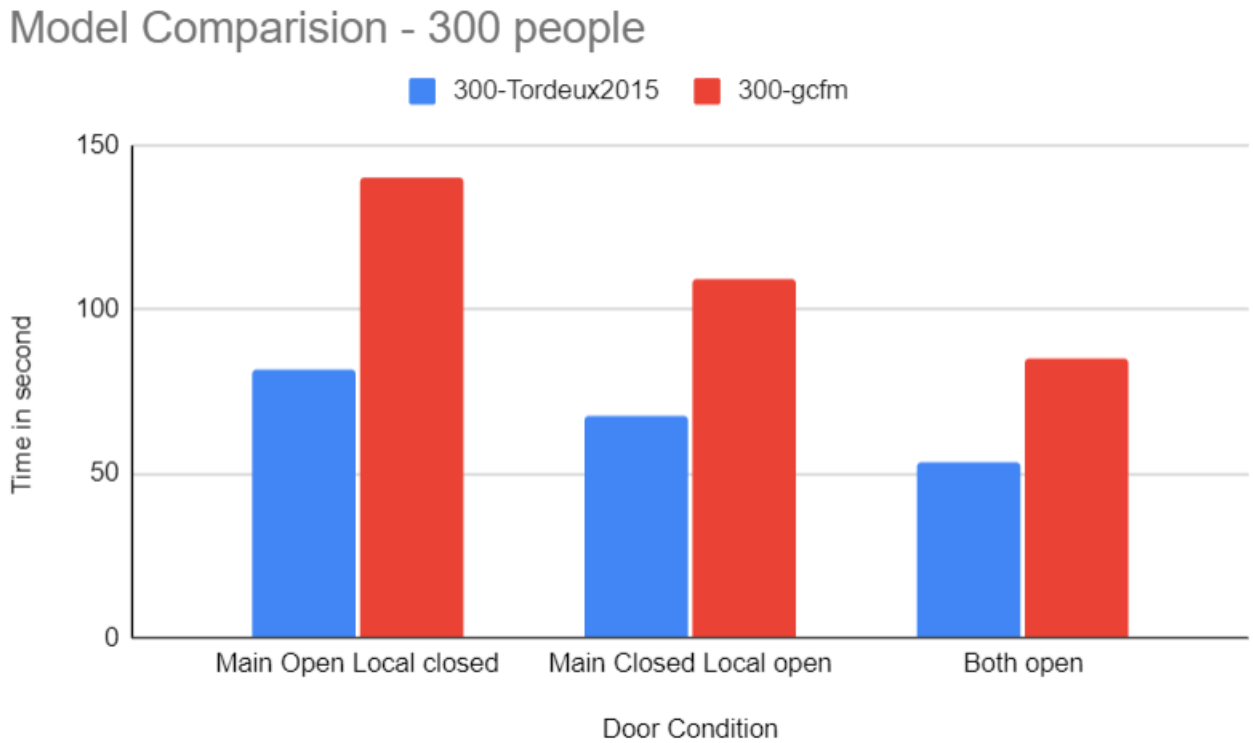


GCFM-140

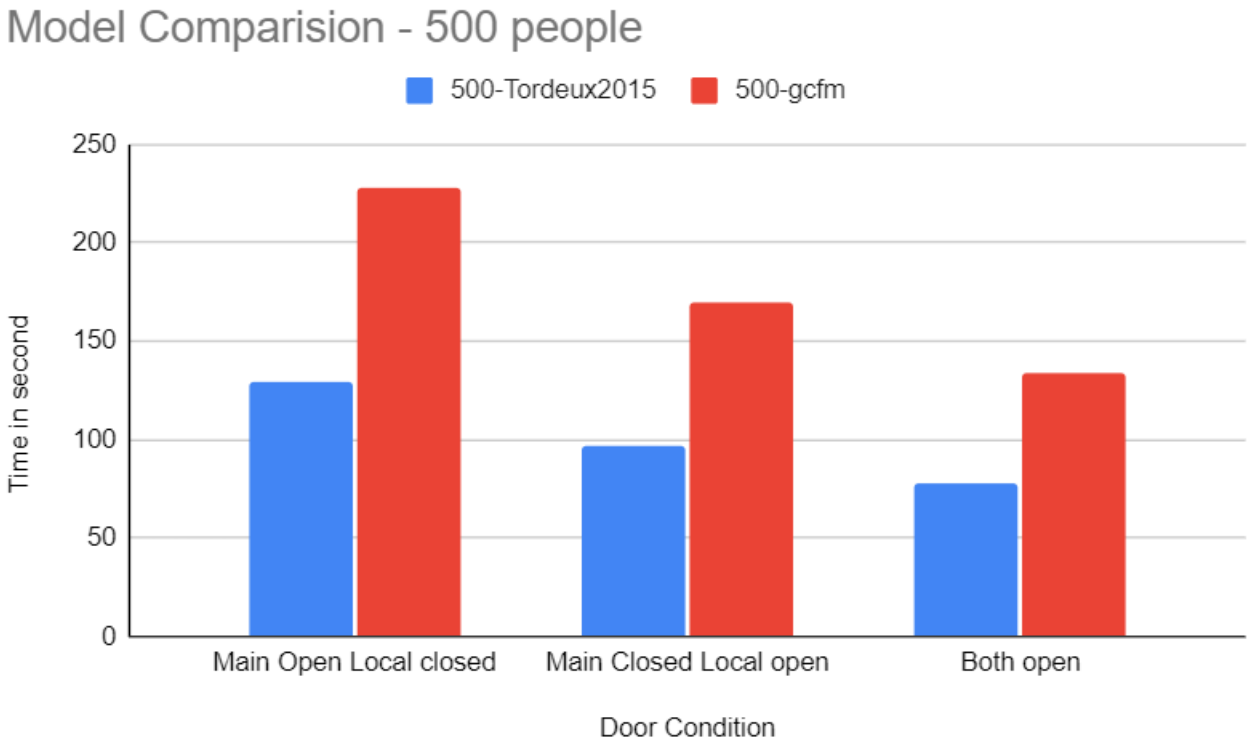


Tordeux-81.75

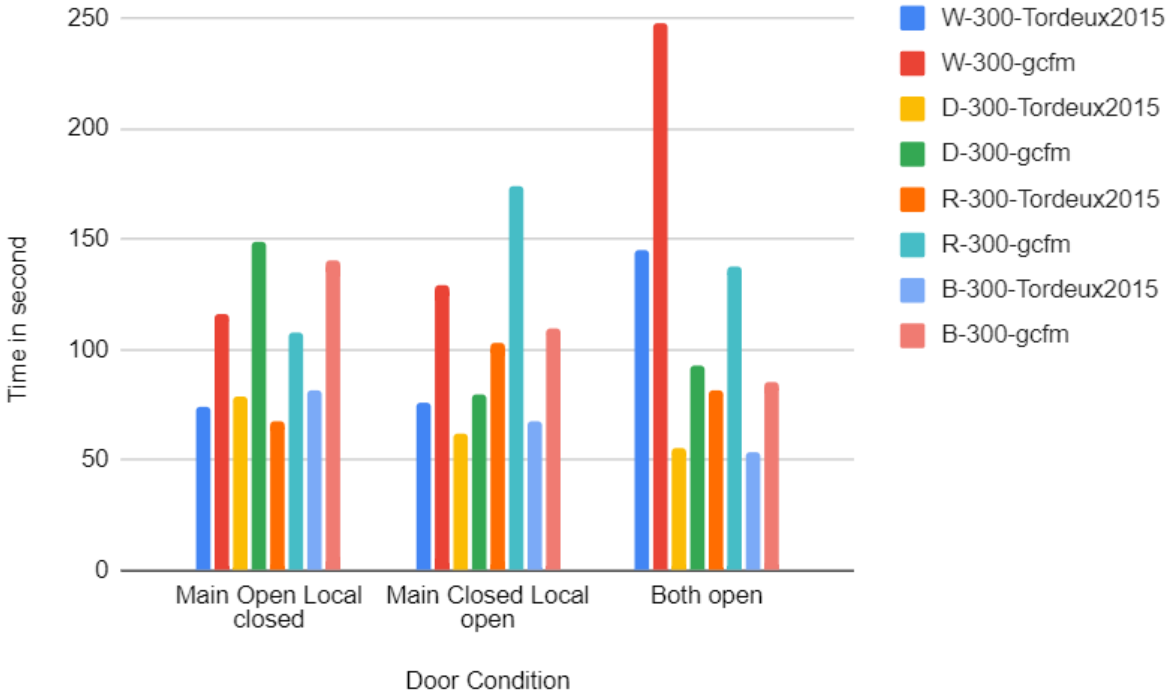
Model Comparision – 300 people



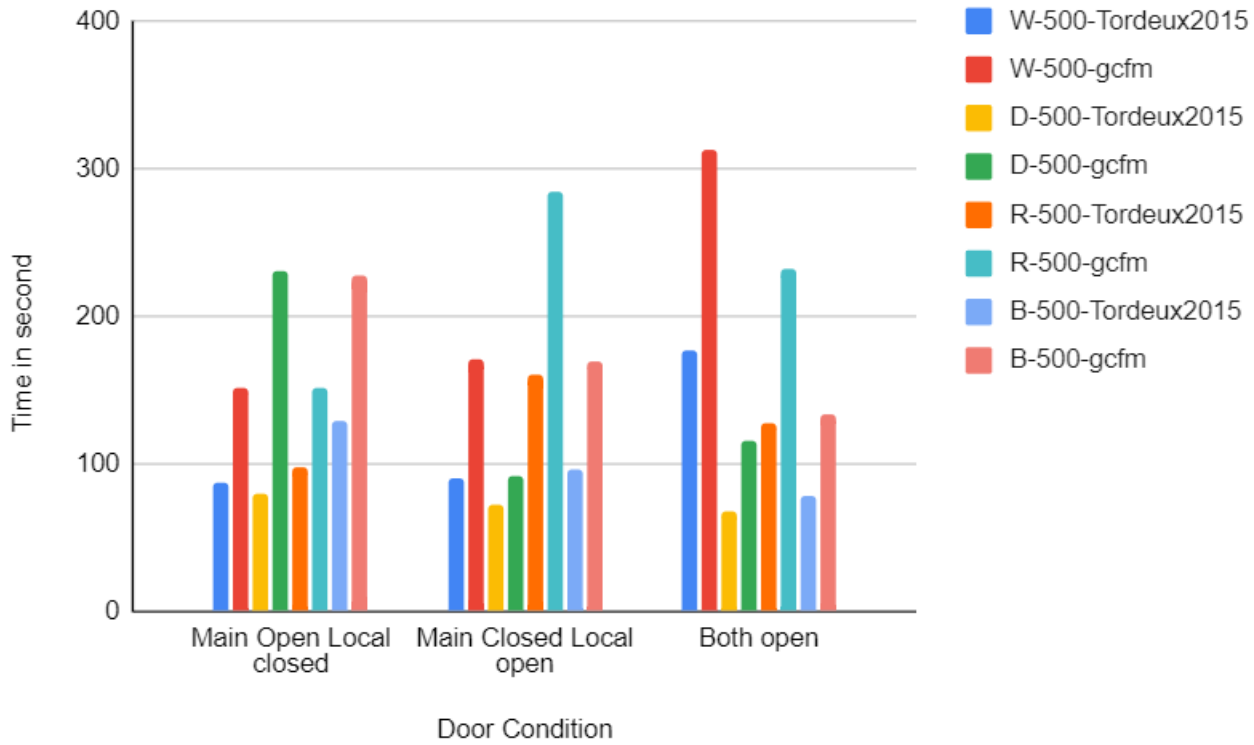
Model Comparision – 500 people



Conclusion – 300 people



Conclusion – 500 people



The End !

Questions are always welcome!