# Crowd Evacuation Simulation Dashboard

Current Statistics

RANDOM: 2 / 40 | PSO: 36 / 40 | SFM: 13 / 40 | PSO SFM(STAFF ALL EVACUATE): 23 / 40 | PSO SFM(STAFF ALL ASSIST): 39 / 40 | PSO SFM(HALF ASSIST): 34 / 40 | PSO SFM(ASSIST MOBILE): 34 / 40 | PSO SFM(ASSIST ELDERLY): 31 / 40 | PSO SFM(TOP EVAC): 36 / 40 | PSO SFM(AVOID TOP): 40 / 40 | PSO SFM(ZONE SWEEP): 40 / 40 | MFO SFM: 11 / 40 | ACO SFM: 15 / 40 | Time: 199s

Algorithm	Evacuated	Deaths	Deaths by Floor	Evacuated by Age	Staff vs Civilian
filter data...					
RANDOM	2 / 40	38	Floor 0: 16, Floor 1: 13, Floor 2: 9	adults: 1/24, children: 1/5, elderly: 0/11	Staff: 0/15, Civilian: 2/25
PSO	36 / 40	4	Floor 0: 2, Floor 1: 1, Floor 2: 1	adults: 23/24, children: 4/5, elderly: 9/11	Staff: 36/15, Civilian: 0/25
SFM	13 / 40	27	Floor 0: 7, Floor 1: 12, Floor 2: 8	adults: 9/24, children: 3/5, elderly: 1/11	Staff: 5/15, Civilian: 8/25
PSO SFM(STAFF ALL EVACUATE)	23 / 40	17	Floor 0: 4, Floor 1: 10, Floor 2: 3	adults: 13/24, children: 4/5, elderly: 6/11	Staff: 12/15, Civilian: 11/25
PSO SFM(STAFF ALL ASSIST)	39 / 40	1	Floor 1: 1	adults: 24/24, children: 5/5, elderly: 10/11	Staff: 14/15, Civilian: 25/25
PSO SFM(HALF ASSIST)	34 / 40	6	Floor 1: 6	adults: 21/24, children: 4/5, elderly: 9/11	Staff: 11/15, Civilian: 23/25
PSO SFM(ASSIST MOBILE)	34 / 40	6	Floor 0: 1, Floor 1: 5	adults: 22/24, children: 5/5, elderly: 7/11	Staff: 15/15, Civilian: 19/25
PSO SFM(ASSIST ELDERLY)	31 / 40	9	Floor 0: 1, Floor 1: 5, Floor 2: 3	adults: 17/24, children: 4/5, elderly: 10/11	Staff: 15/15, Civilian: 16/25
PSO SFM(TOP EVAC)	36 / 40	4	Floor 0: 2, Floor 1: 2	adults: 23/24, children: 3/5, elderly: 10/11	Staff: 12/15, Civilian: 24/25
PSO SFM(AVOID TOP)	40 / 40	0		adults: 24/24, children: 5/5, elderly: 11/11	Staff: 15/15, Civilian: 25/25
PSO SFM(ZONE SWEEP)	40 / 40	0		adults: 24/24, children: 5/5, elderly: 11/11	Staff: 15/15, Civilian: 25/25
MFO SFM	11 / 40	29	Floor 0: 8, Floor 1: 14, Floor 2: 7	adults: 6/24, children: 2/5, elderly: 3/11	Staff: 4/15, Civilian: 7/25

« ‹ 1 / 2 › »

Random

Deaths by Floor Over Time (Random)

Evacuated by Age Over Time (Random)
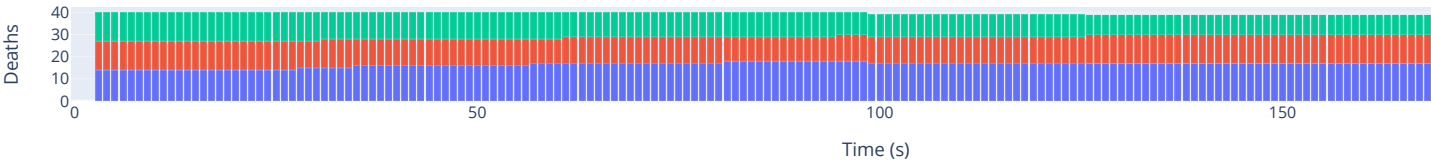
Evacuated by Age Over Time (Random)
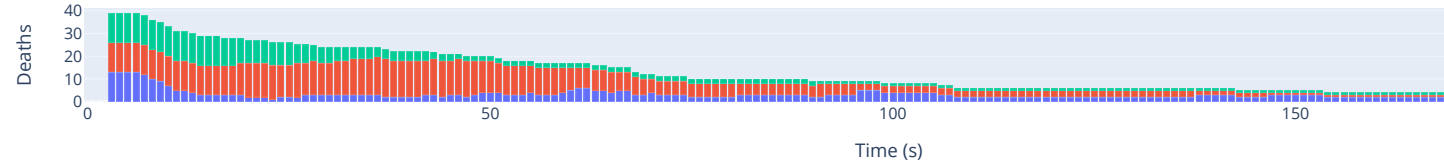
Evacuated by Age Over Time (Random)
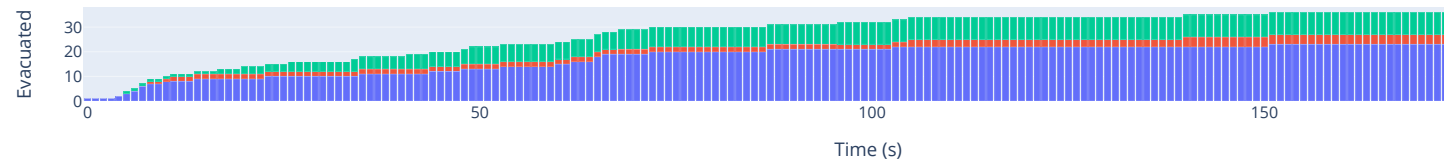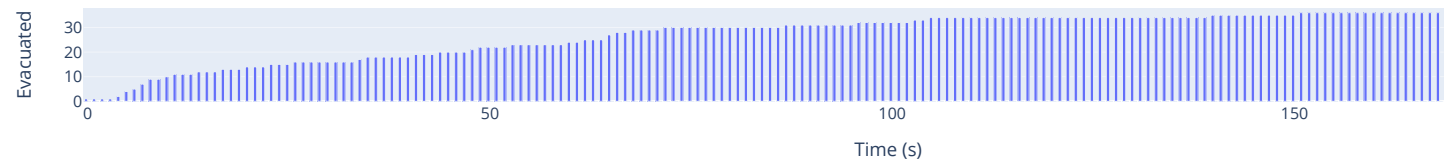
Staff vs Civilian Evacuation Over Time (Random)

PSO

Deaths by Floor Over Time (PSO)
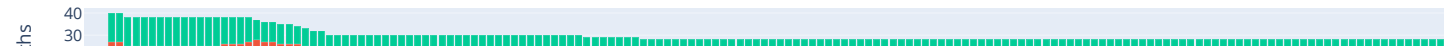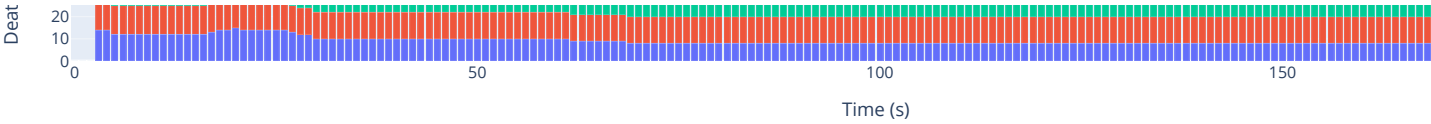
Evacuated by Age Over Time (PSO)

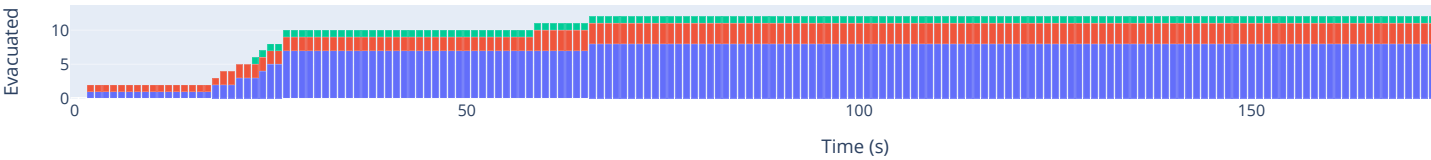### Staff vs Civilian Evacuation Over Time (PSO)

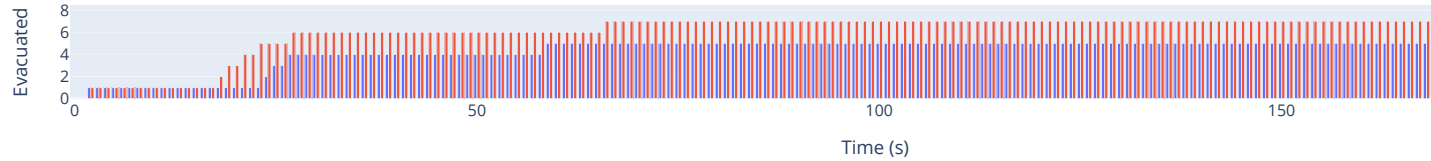---

SFM

Deaths by Floor Over Time (SFM)

Evacuated by Age Over Time (SFM)

Staff vs Civilian Evacuation Over Time (SFM)

PSO SFM(Staff all evacuate)

Deaths by Floor Over Time (PSO SFM(Staff all evacuate))
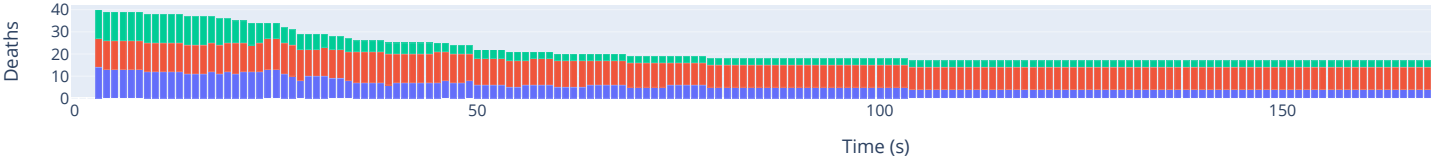
Evacuated by Age Over Time (PSO SFM(Staff all evacuate))
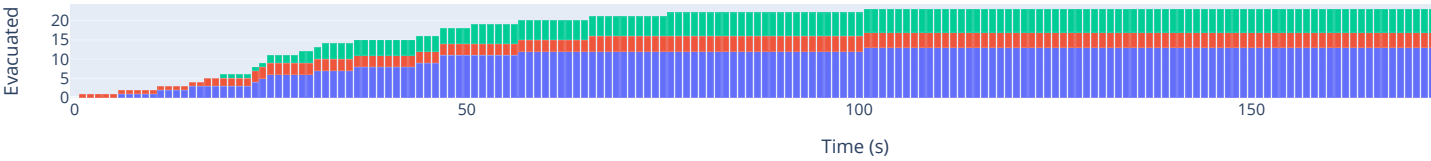
Staff vs Civilian Evacuation Over Time (PSO SFM(Staff all evacuate))
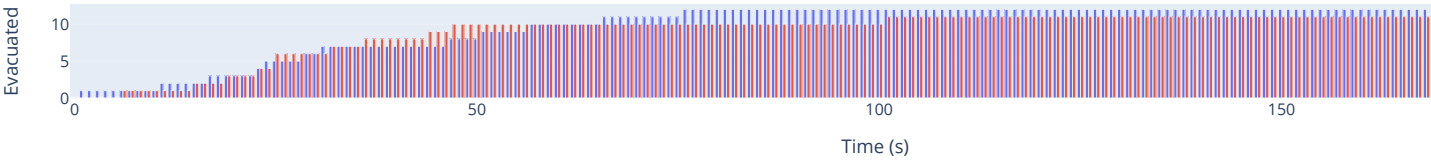
PSO SFM(Staff all assist)

Deaths by Floor Over Time (PSO SFM(Staff all assist))
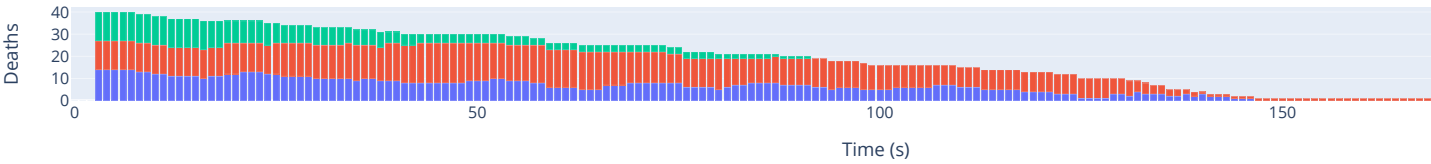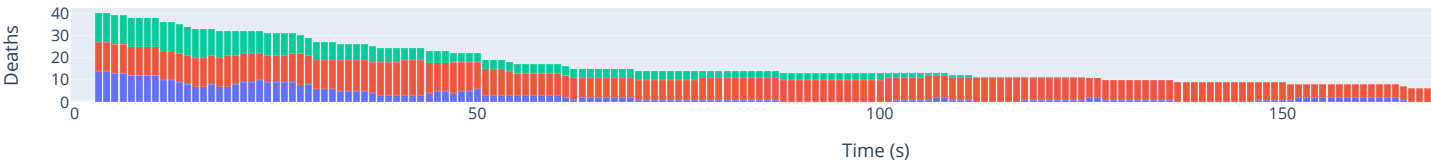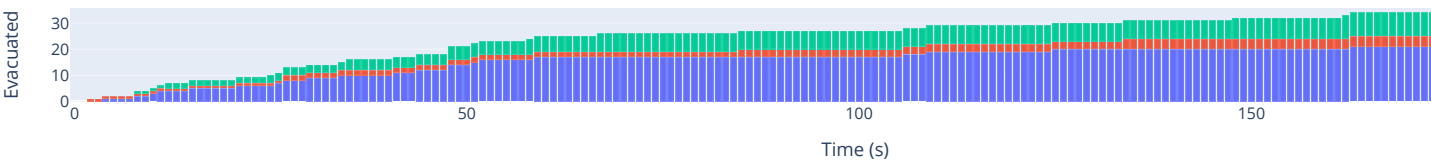

Evacuated by Age Over Time (PSO SFM(Staff all assist))
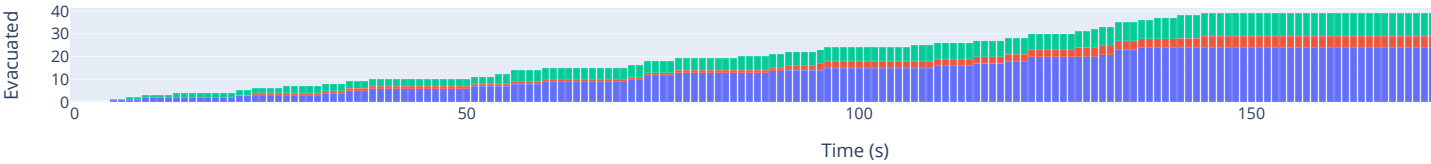
Staff vs Civilian Evacuation Over Time (PSO SFM(Staff all assist))
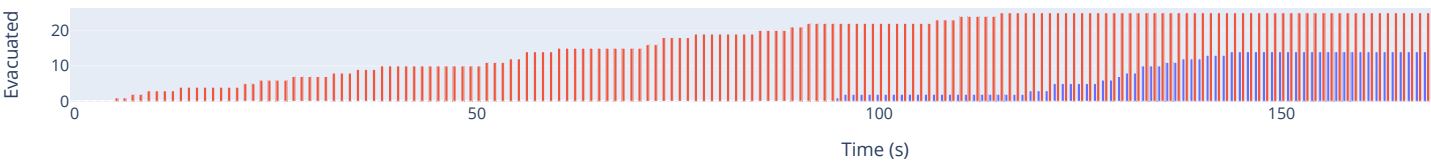
PSO SFM(Half Assist)

Deaths by Floor Over Time (PSO SFM(Half Assist))
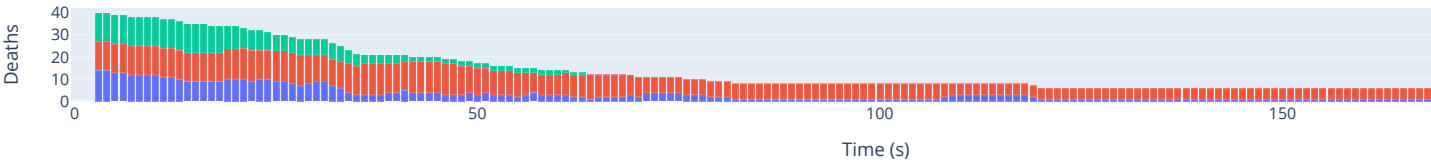

Evacuated by Age Over Time (PSO SFM(Half Assist))

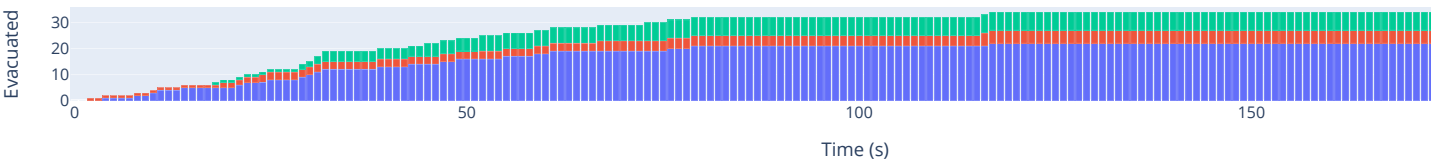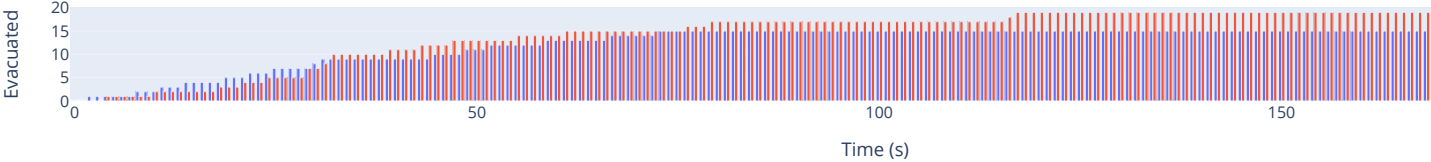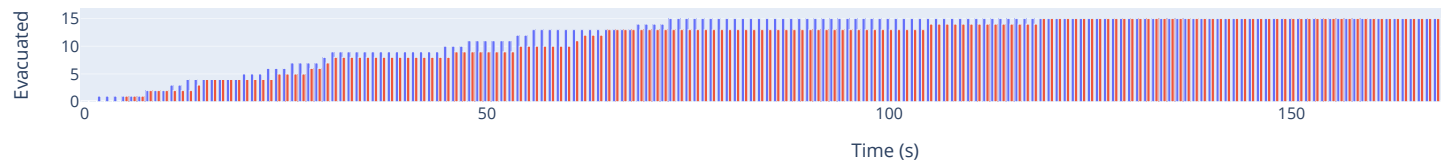### Staff vs Civilian Evacuation Over Time (PSO SFM(Half Assist))
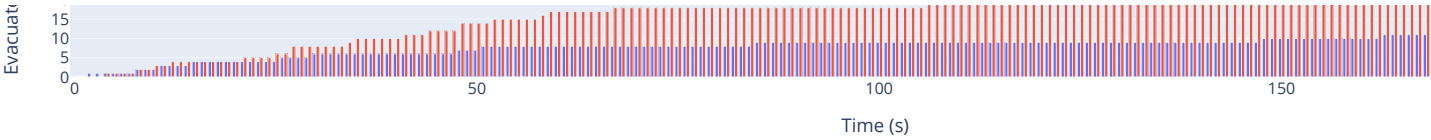
Evacuated / Time (s)

PSO SFM(Assist Mobile)

Deaths by Floor Over Time (PSO SFM(Assist Mobile))

Deaths / Time (s)

Evacuated by Age Over Time (PSO SFM(Assist Mobile))

Evacuated / Time (s)

Staff vs Civilian Evacuation Over Time (PSO SFM(Assist Mobile))

Evacuated / Time (s)

PSO SFM(Assist Elderly)

Deaths by Floor Over Time (PSO SFM(Assist Elderly))
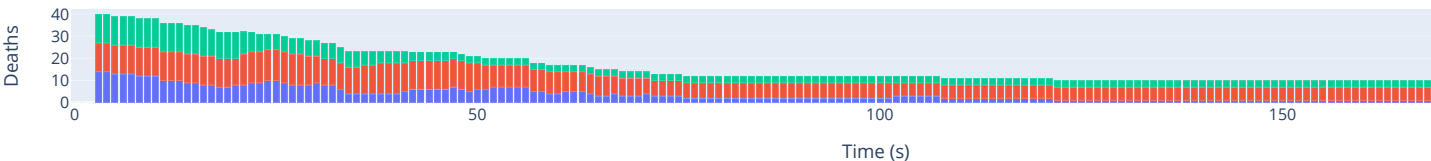
Deaths / Time (s)

Evacuated by Age Over Time (PSO SFM(Assist Elderly))

Evacuated

Time (s)

Staff vs Civilian Evacuation Over Time (PSO SFM(Assist Elderly))

Time (s)
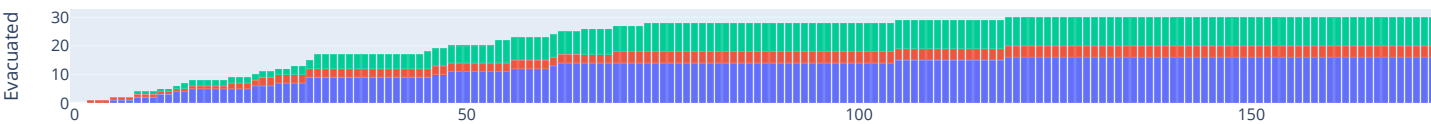
PSO SFM(Top Evac)

Deaths by Floor Over Time (PSO SFM(Top Evac))

Time (s)
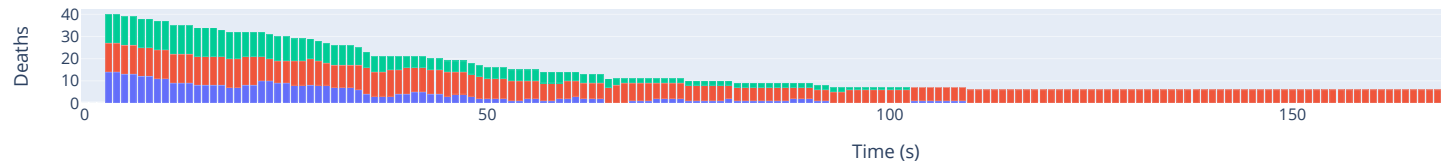
Evacuated by Age Over Time (PSO SFM(Top Evac))

Time (s)
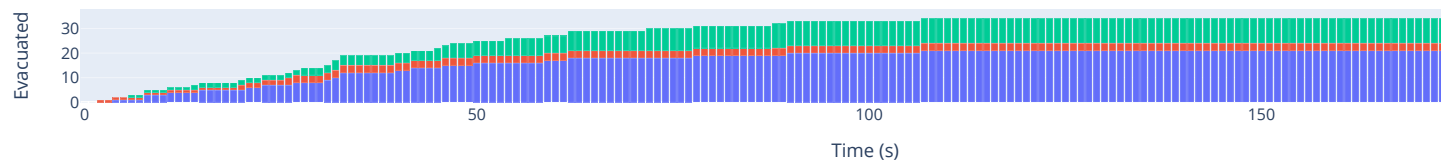
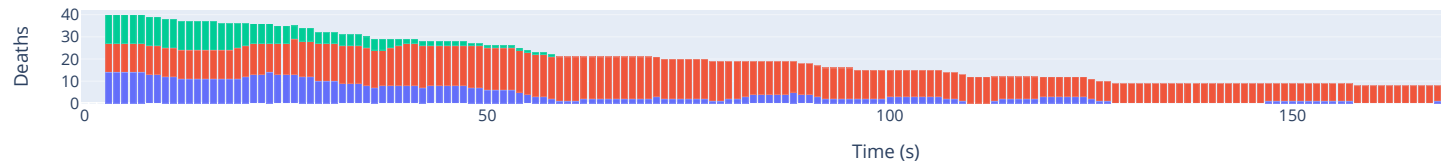### Staff vs Civilian Evacuation Over Time (PSO SFM(Top Evac))

Time (s)
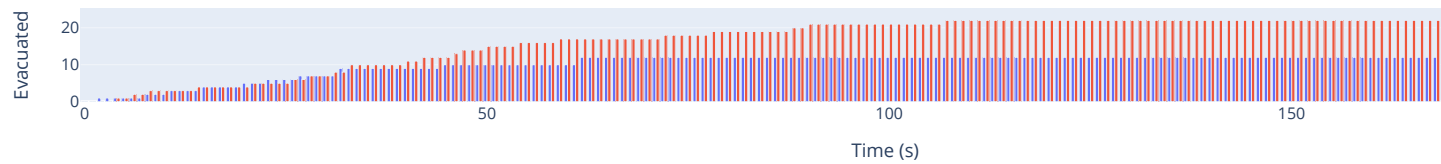
PSO SFM(Avoid Top)

Deaths by Floor Over Time (PSO SFM(Avoid Top))

Time (s)

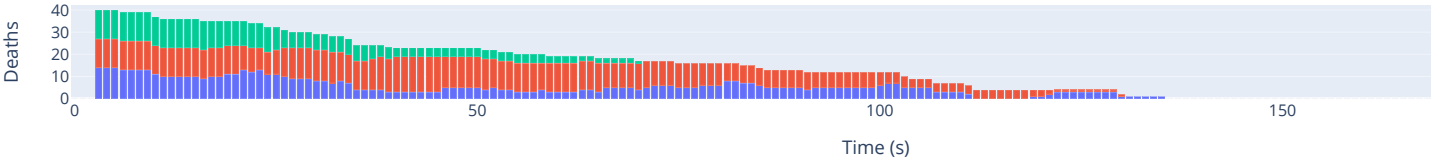### Evacuated by Age Over Time (PSO SFM(Avoid Top))
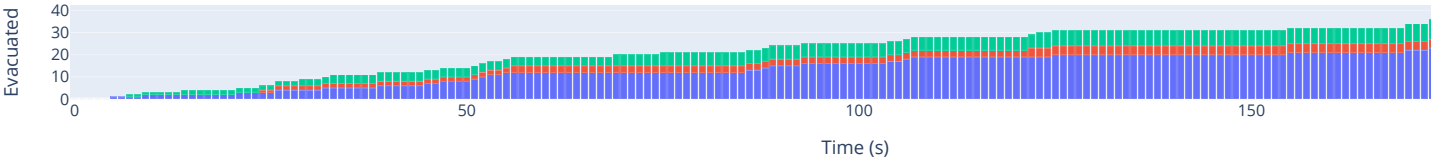
Staff vs Civilian Evacuation Over Time (PSO SFM(Avoid Top))
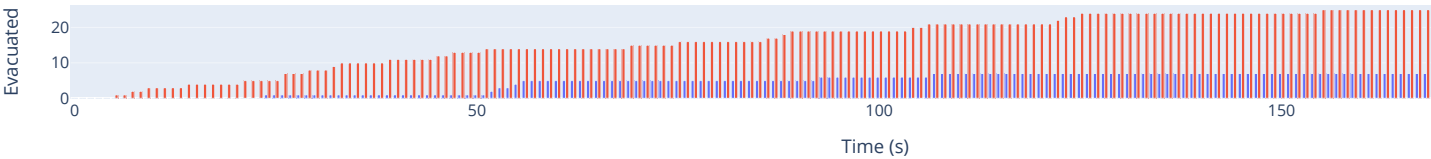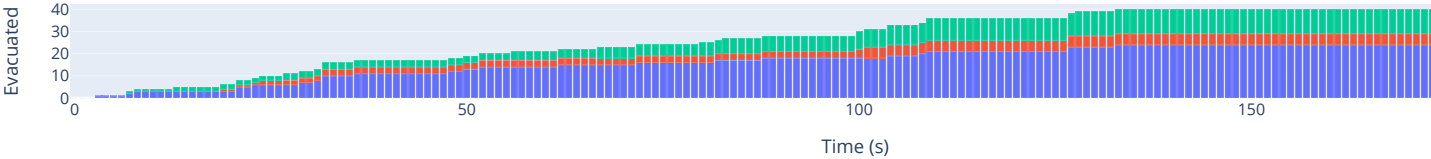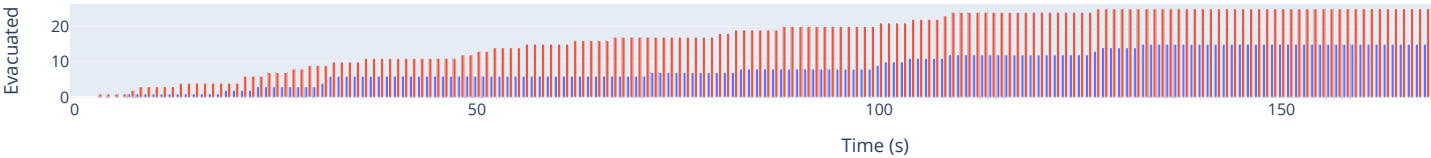

PSO SFM(Zone Sweep)

Deaths by Floor Over Time (PSO SFM(Zone Sweep))

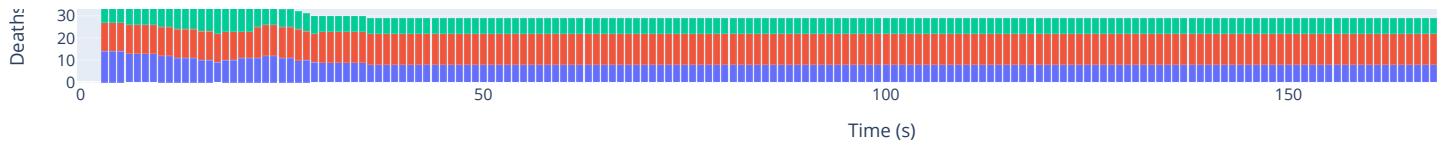### Evacuated by Age Over Time (PSO SFM(Zone Sweep))

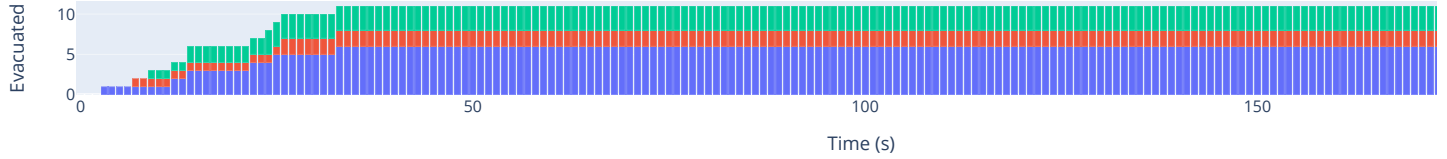### Staff vs Civilian Evacuation Over Time (PSO SFM(Zone Sweep))
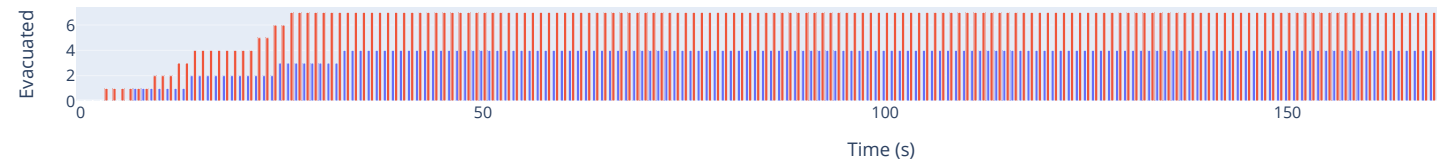

MFO SFM

Deaths by Floor Over Time (MFO SFM)

Updating...

Deaths

Time (s)

Evacuated by Age Over Time (MFO SFM)

Evacuated

Time (s)

Staff vs Civilian Evacuation Over Time (MFO SFM)

Evacuated

Time (s)

ACO SFM

Deaths by Floor Over Time (ACO SFM)

Deaths

Time (s)
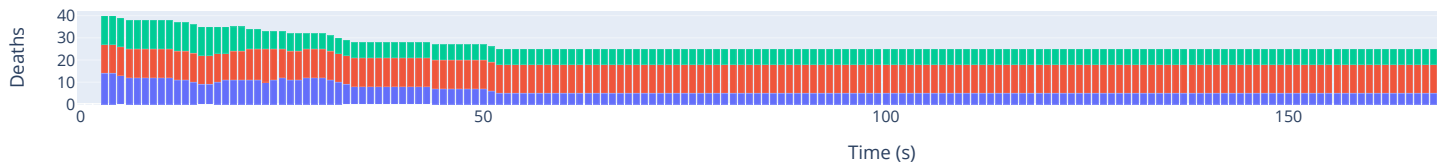
Evacuated by Age Over Time (ACO SFM)

Evacuated
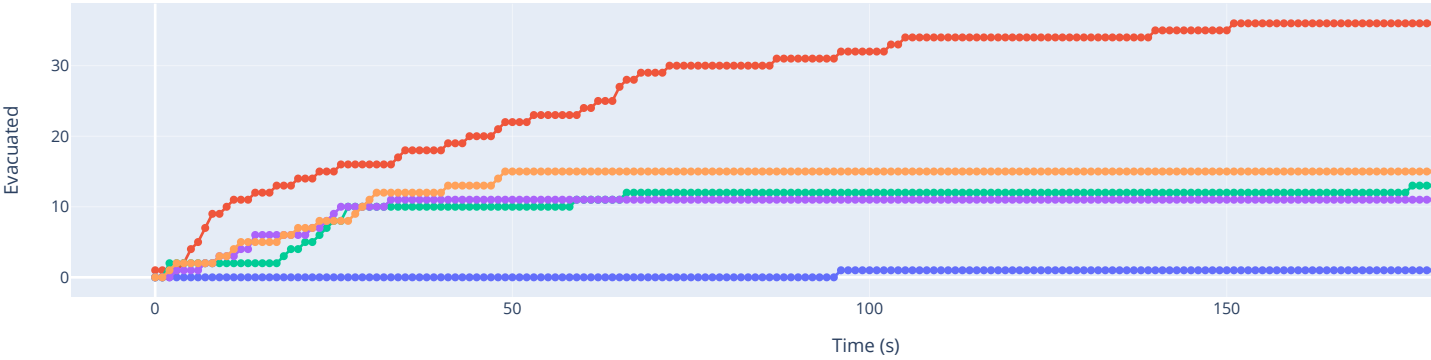
Time (s)
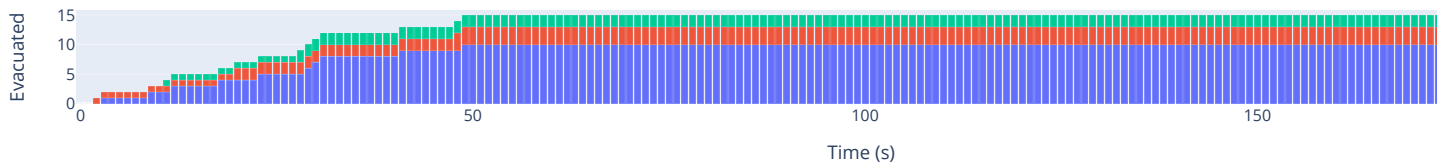
Staff vs Civilian Evacuation Over Time (ACO SFM)

Evacuated

Time (s)
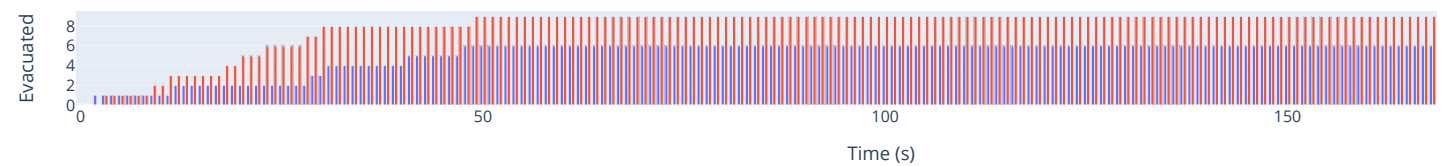
Evacuation Progress (PSO SFM Variants)
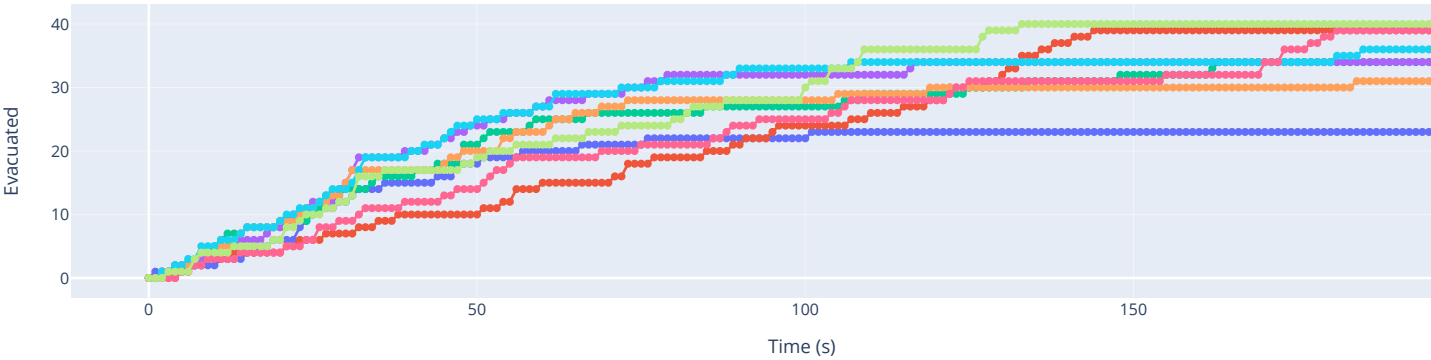
Evacuation Progress (Other Algorithms)

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