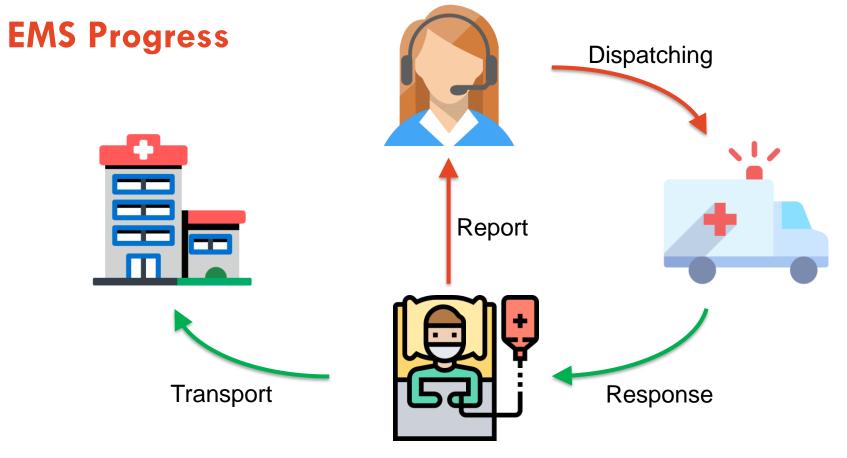
### Logistics for Emergency Medical Services

Speaker:Changle SongSupervisors:Emily Moylan, David Levinson



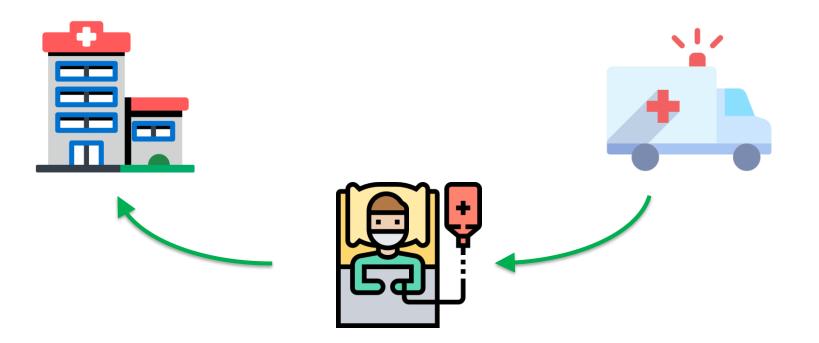


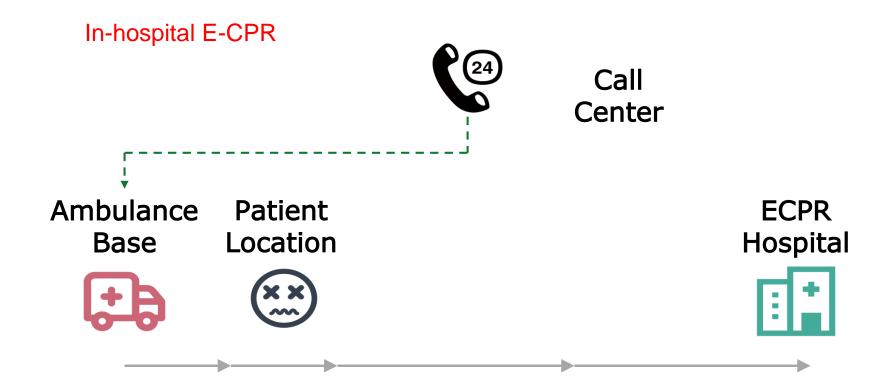
# **Preserve Life, Prevent Further Injury, and Promote Recovery**

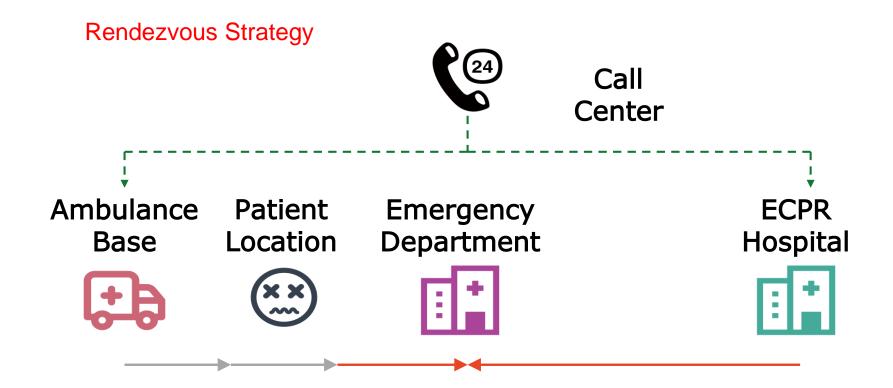


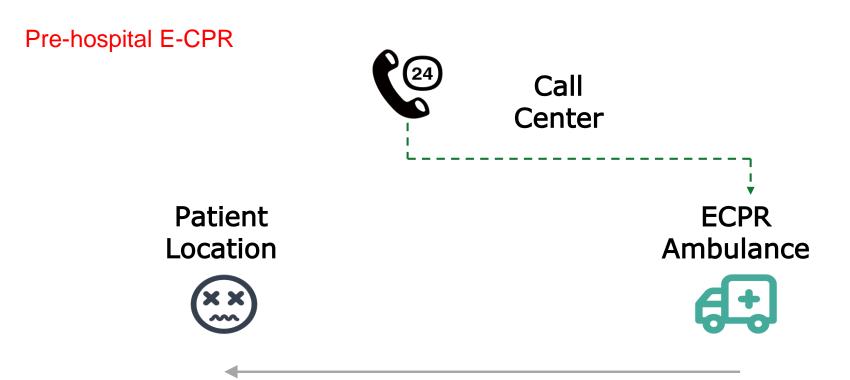
**On-scene Treatment** 





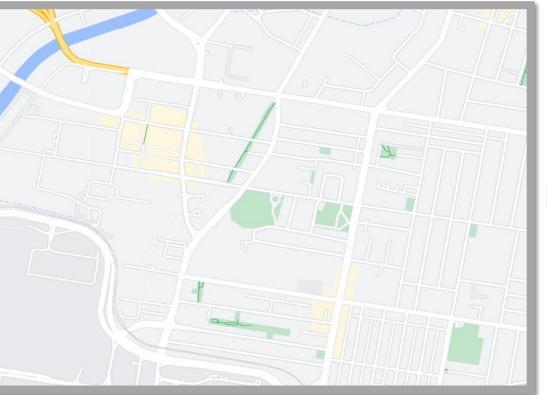




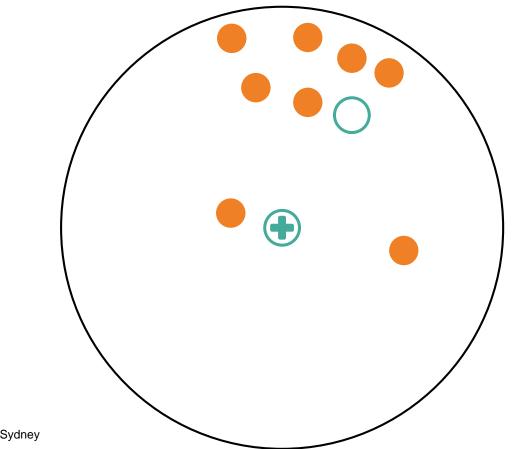


## **Facility Location**

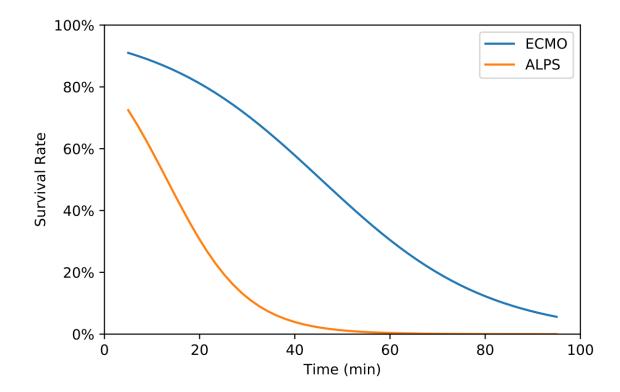


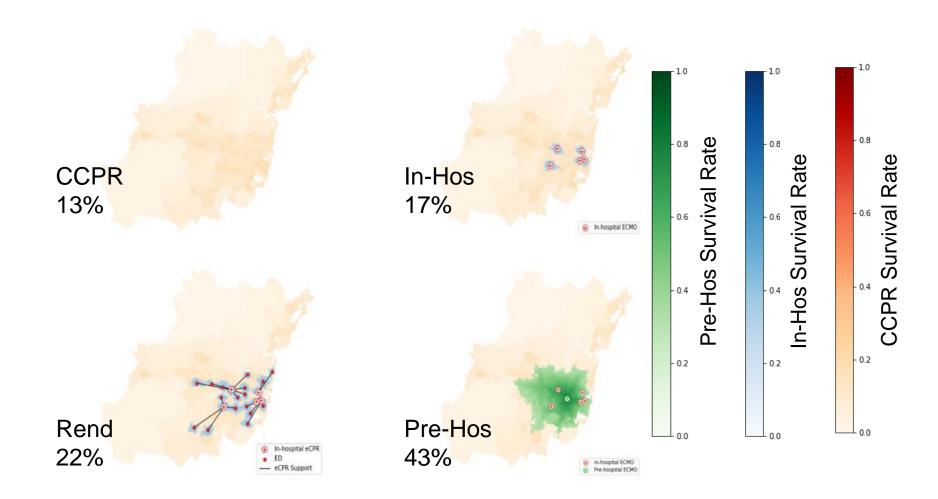




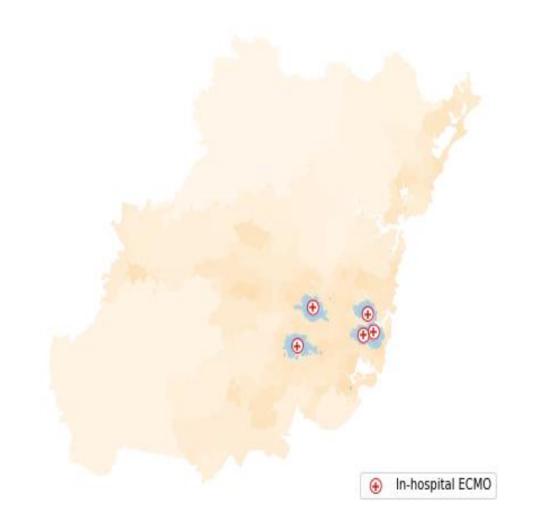


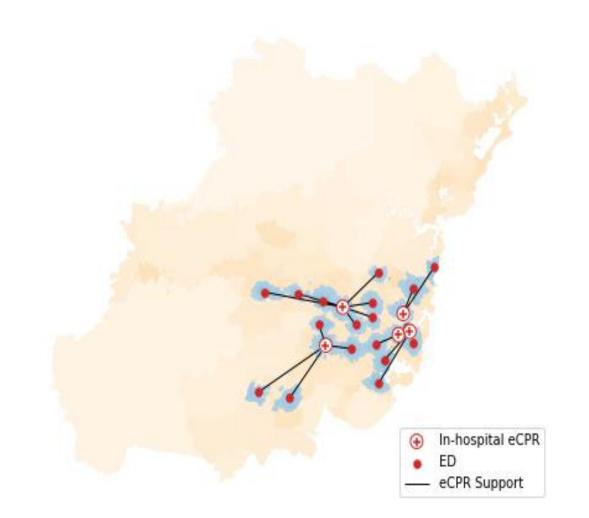
#### Survival Function

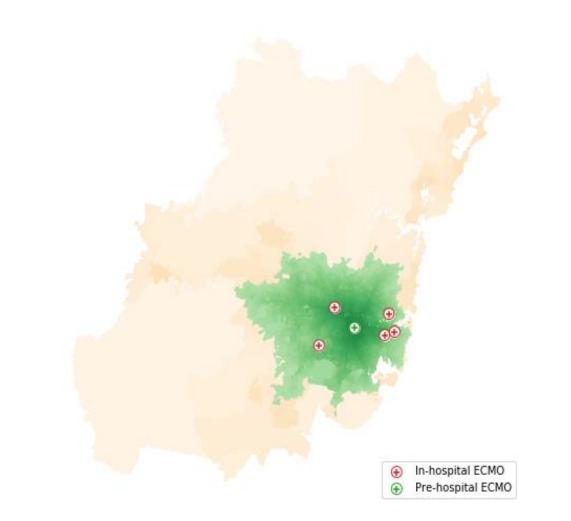




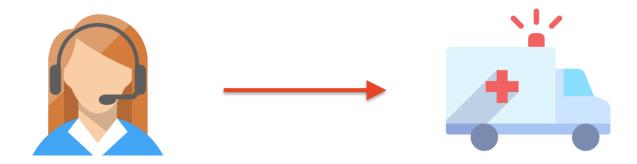




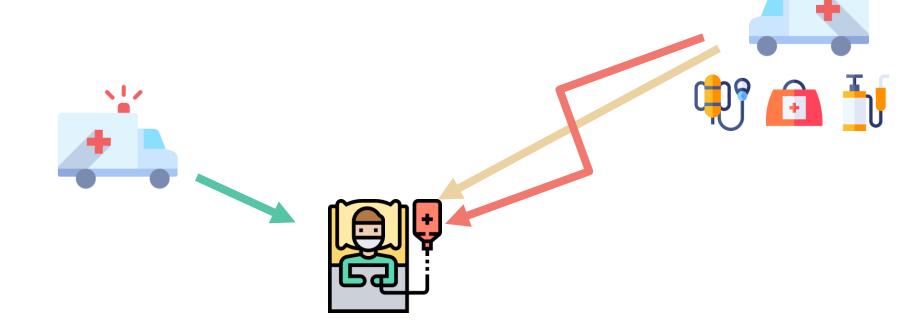




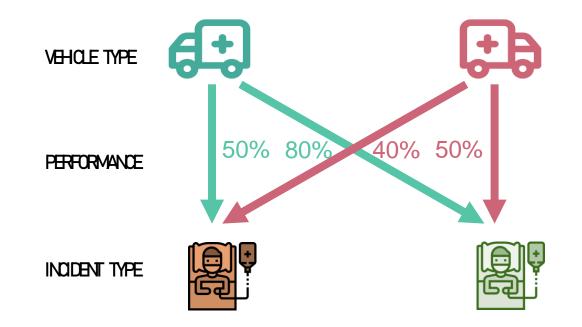
### **Dispatching**



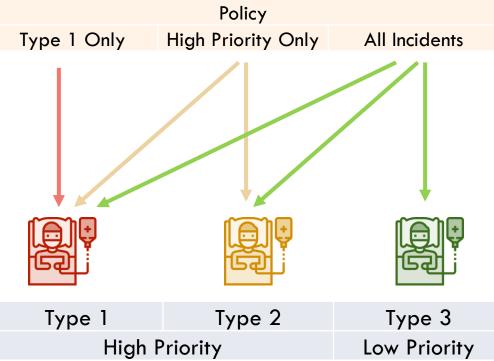
### Importance of Dispatching



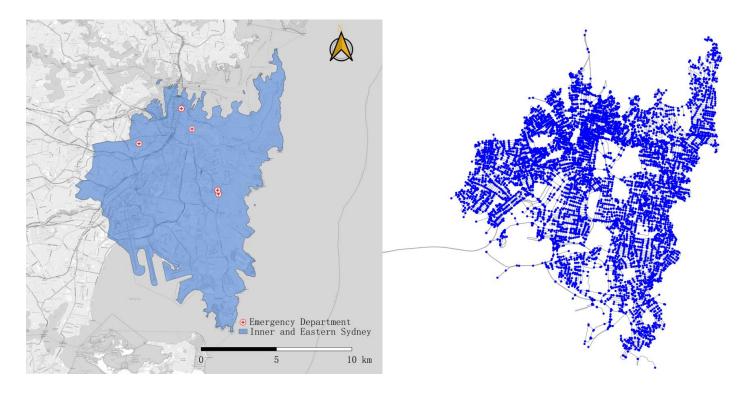
Dispatching with considering vehicle types





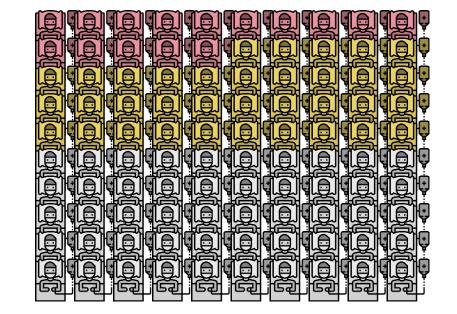


#### Geographical Scope



#### 8-hour Simulation

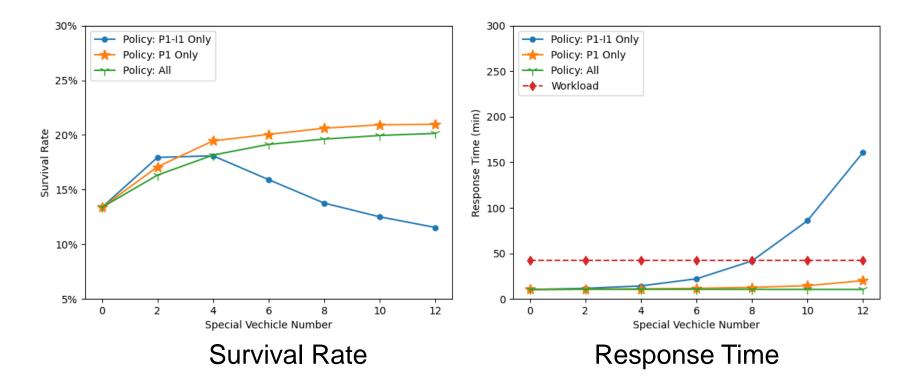
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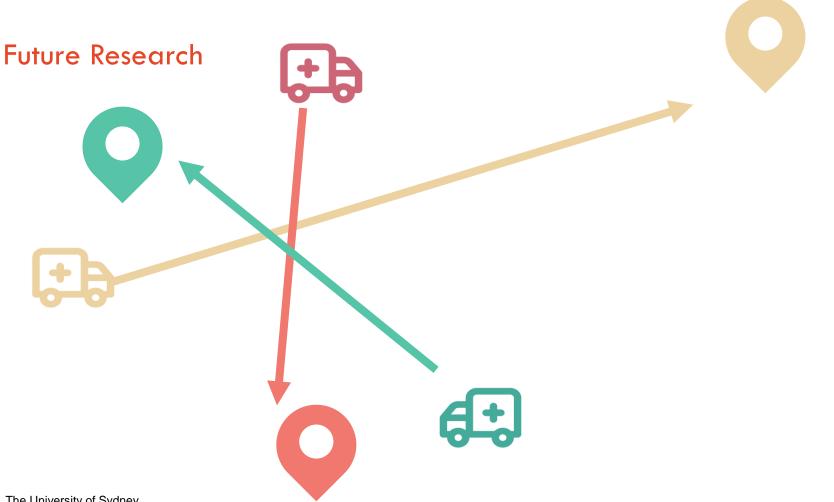


20 vehicles in total

100 incidents in total

#### Result

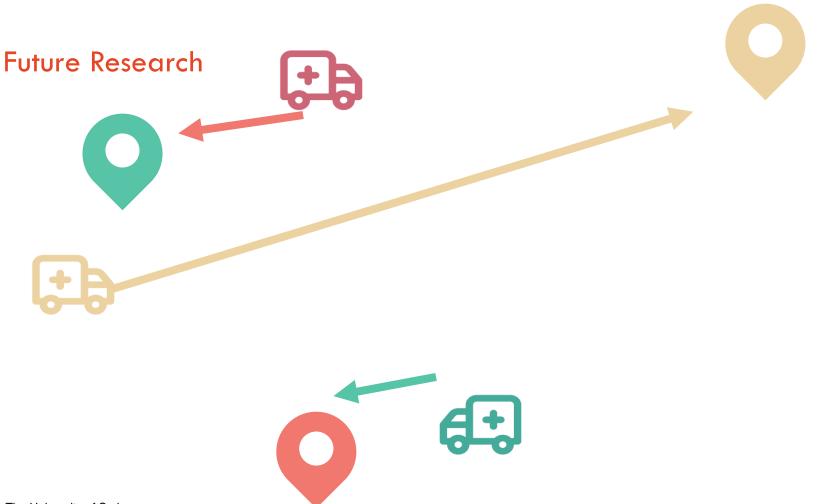


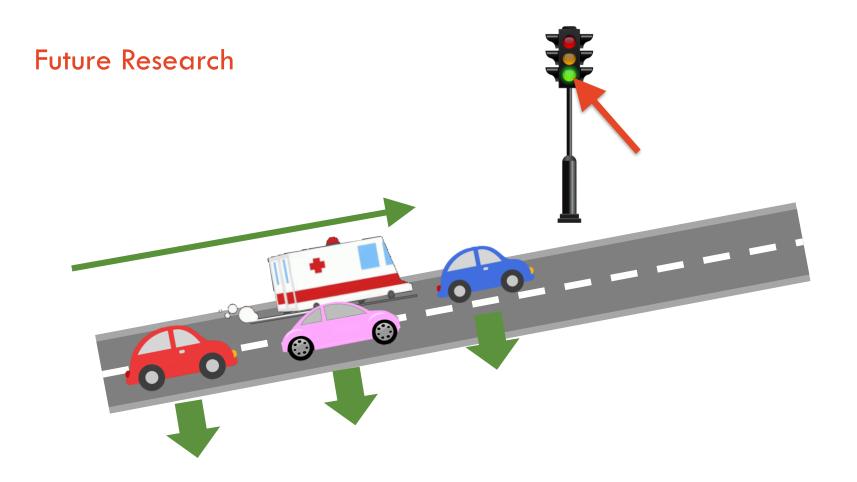












Thanks





Email: changle.song@sydney.edu.au