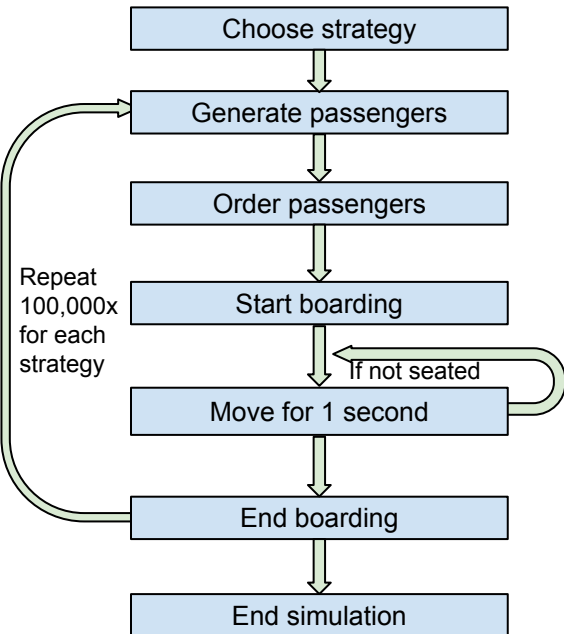


# Minimization of Airplane Boarding Time

What is the most efficient way to board an airplane?

## Model



## Optimal Practical



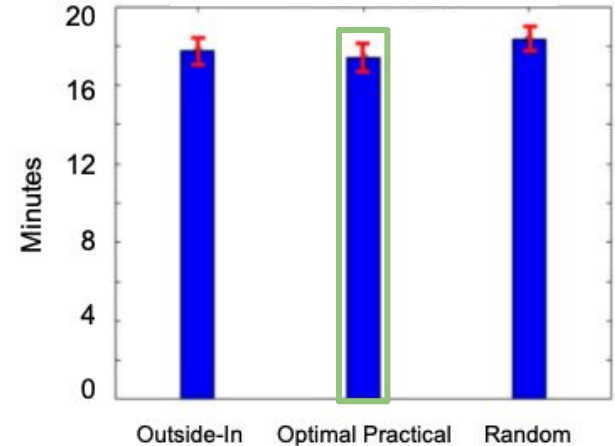
## Passenger Attributes

Age  
Seat Number  
Unique Bags  
Time Needed to Stow  
Interference Probability\*

\*determined from stowing time and boarding order

## Results

Boarding Strategy Times



## Conclusions

- Average boarding time is ~18 minutes
- Interferences dominate boarding time

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