

Delay propagation through the 11 busiest US airports

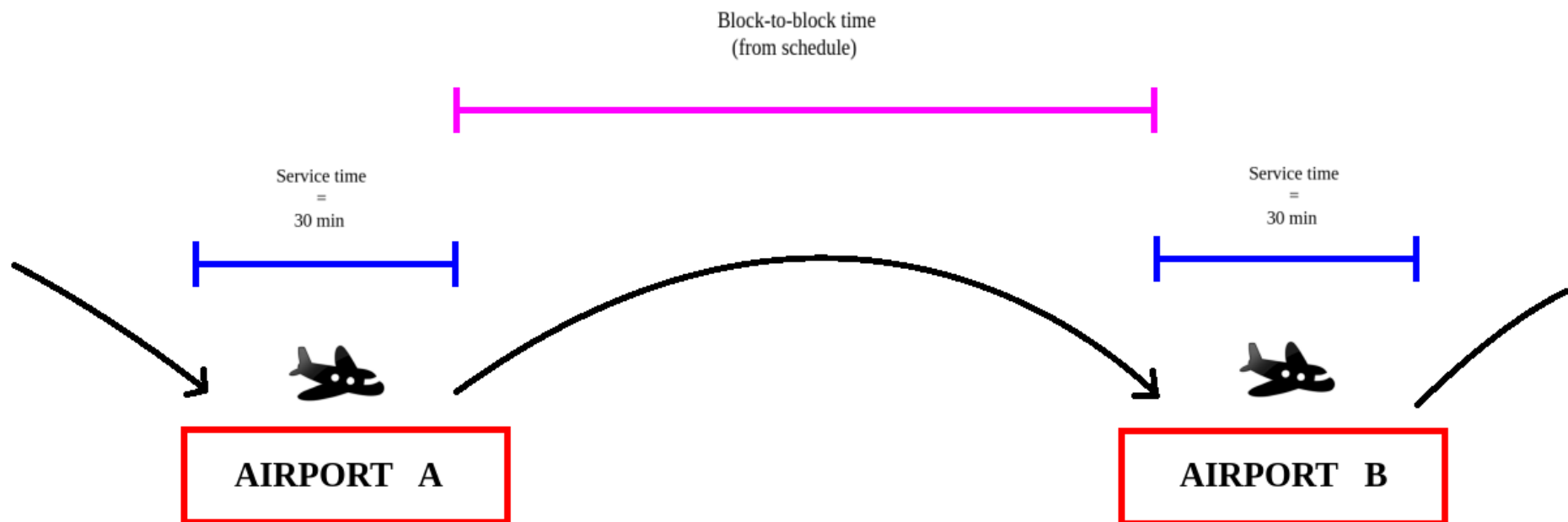
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References

- Systemic delay propagation in the US airport network, *Fleurquin et al 2013*
- Supplementary information for Systemic delay propagation in the US airport network, *Fleurquin et al 2013*
- Bureau of Transport Statistics of the US Government (<http://www.bts.gov>)

Network





Can the aircraft depart?

- Are the previous legs completed?



- Have all the connections landed?



- Has the aircraft been serviced?



- Is the aircraft the first one in the airport's queue?



Initial conditions

A) From real data

B) Random (e.g. 10% of the aircrafts will have their first flight departing with an initial delay of 20 min)