

Travel time differences Analysis. (census tract level)

Assume: peak hours - 7:30 A.M.

Midday 11:30 A.M.

Assumption: Max trip: 180 minutes

Modes: Walk, transit only

Max-transfer: 4

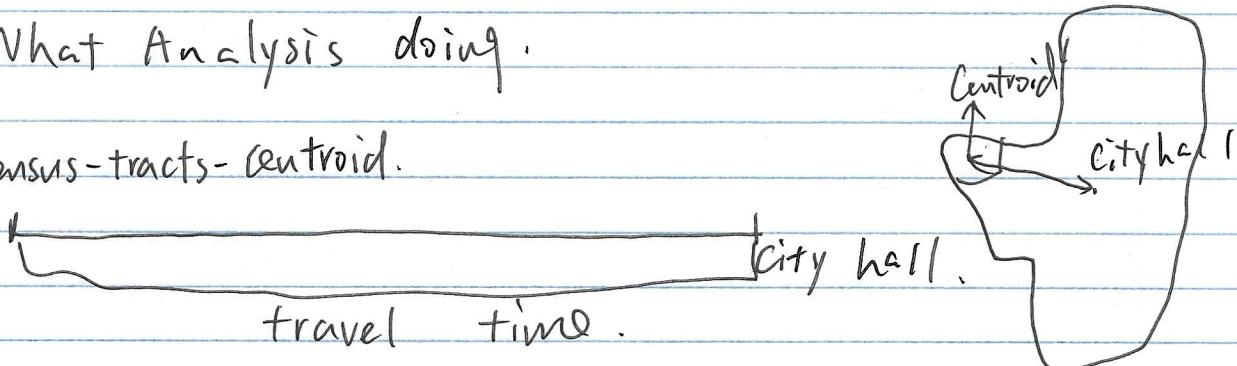
Max-time: 180 minutes

Max-walking time: 30 minutes

Walking Speed: 1.3 m/s \rightarrow 4.68 km/h.
(Slow).

What Analysis doing:

Census-tracts-centroid.



~~Both~~ Limitations

①

7:30 A.M.

(headway 12mins)

original Schedule: 7:34 A.M. } Waiting time short

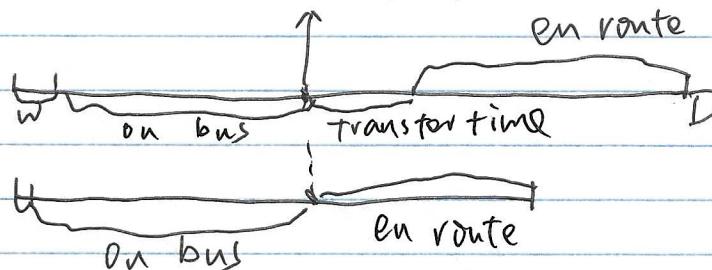
After cuts

7:31 A.M. }

(cost of missing↑).
(headway 15mins)

and apply to transfer

transfer point



} possible before &
After scenario.

Average time: \rightarrow peak hours (2 hour windows)?
huge computing costs?

② Doesn't Account for traffic en-route delays.
More drive → higher delay en-route.

↓
Doesn't Account.

③ Capacity: At. Missing bus costs (ignored).

④ Next steps!

- GNN (Start working on! Integrate w/ MUSA Capstone?)
- O-D Matrix?