Determination of origins and destinations for an O-D matrix based on telecommunication activity records

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Introduction

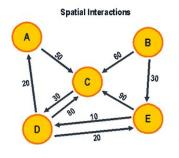


Introduction



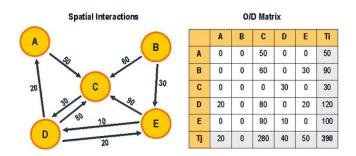
How to track OD movemoent?

Origin Destination matrix - OD matrix

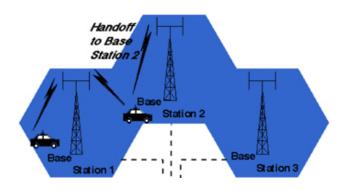


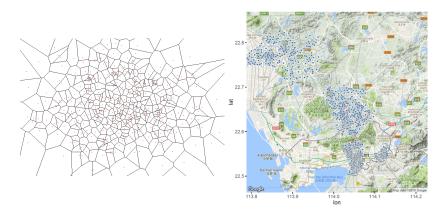


Origin Destination matrix - OD matrix



How to determine origins and destinations in spartial grid?





Why is it better?

We used:

- CDR records
- Voronoi tesellation
- programming language R

Done:

- O/D candidates
- O/D candidates reduction due to CDRs

In future:

• further O/D candidates reduction using contextual and spatial relation between Voronoi cells seeds and points of socio-economic activities (residental areas, contextual data on shops, concert halls, ...)

Questions?

Thank you for your attention!

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