

Faculty of Engineering, Built Environment and Information Technology

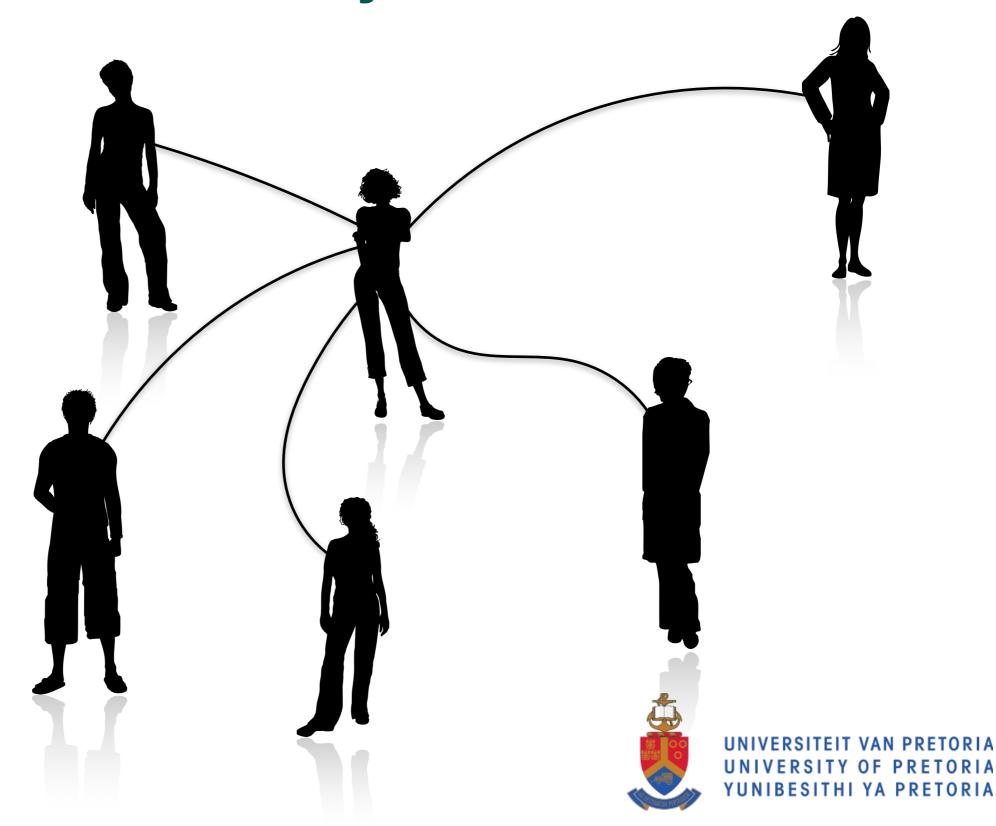
Fakulteit Ingenieurswese, Bou-omgewing en Inligtingtegnologie / Lefapha la Boetšenere, Tikologo ya Kago le Theknolotši ya Tshedimošo

How complex is grain transport in South Africa?

Nadia M. Viljoen

Agbiz Grain - 21 August 2018

Complex network theory Facebook friends



Complex network theory Facebook friends



Complex network theory Facebook friends



Grain friends? port Osilo Amill O UNIVERSITY OF PRETORIA YUNIBESITHI YA PRETORIA

The ties that bind

Nodes









Links



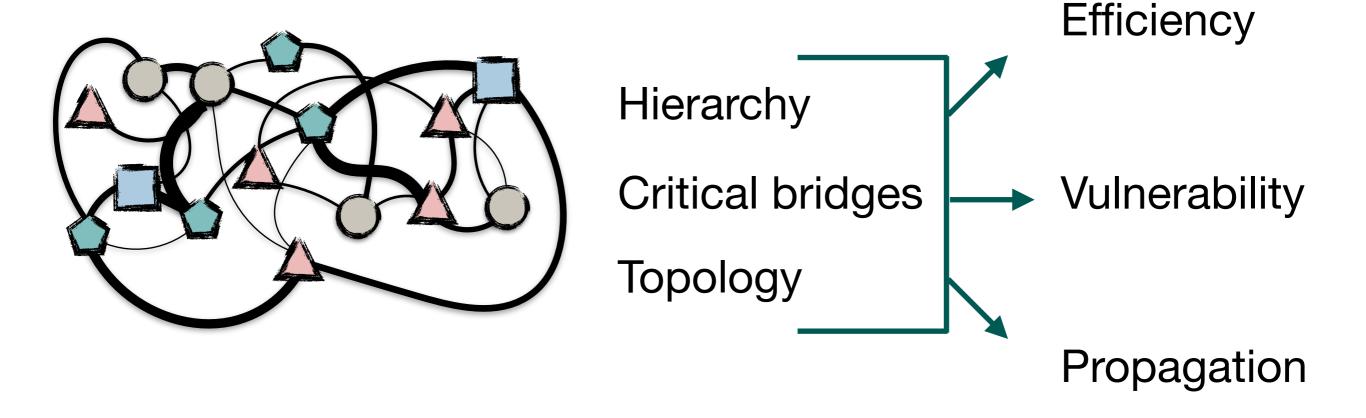






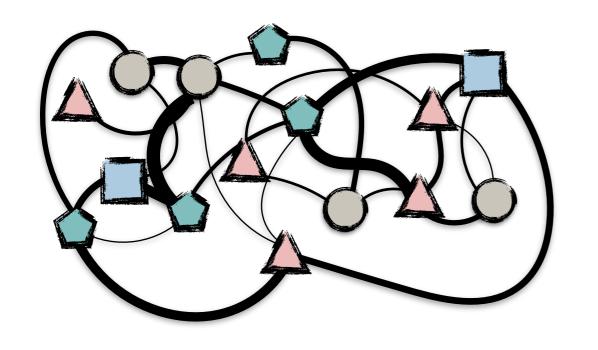


What can we see?





What can we see?



Change grain players

Change transport providers

Consolidation

What-if simulations



Next steps = Data

- GPS traces
- Transactional data
- Tonnage data
- Facility locations

Which concerns prevent data sharing?



Contact

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