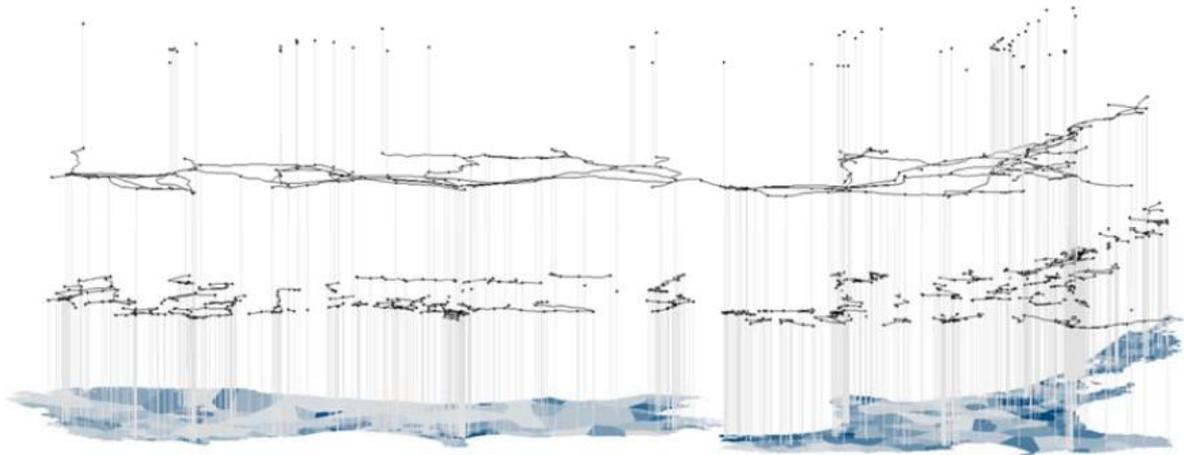


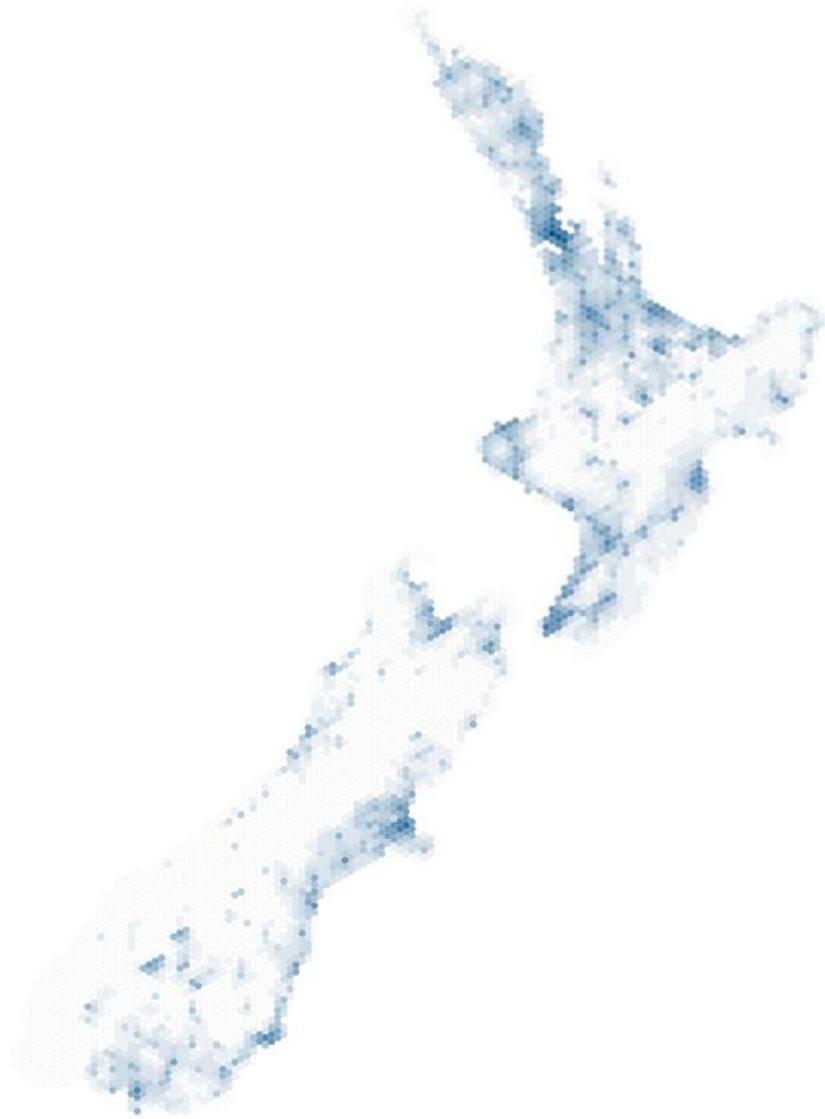
Interdependent Infrastructure

Conrad Zorn

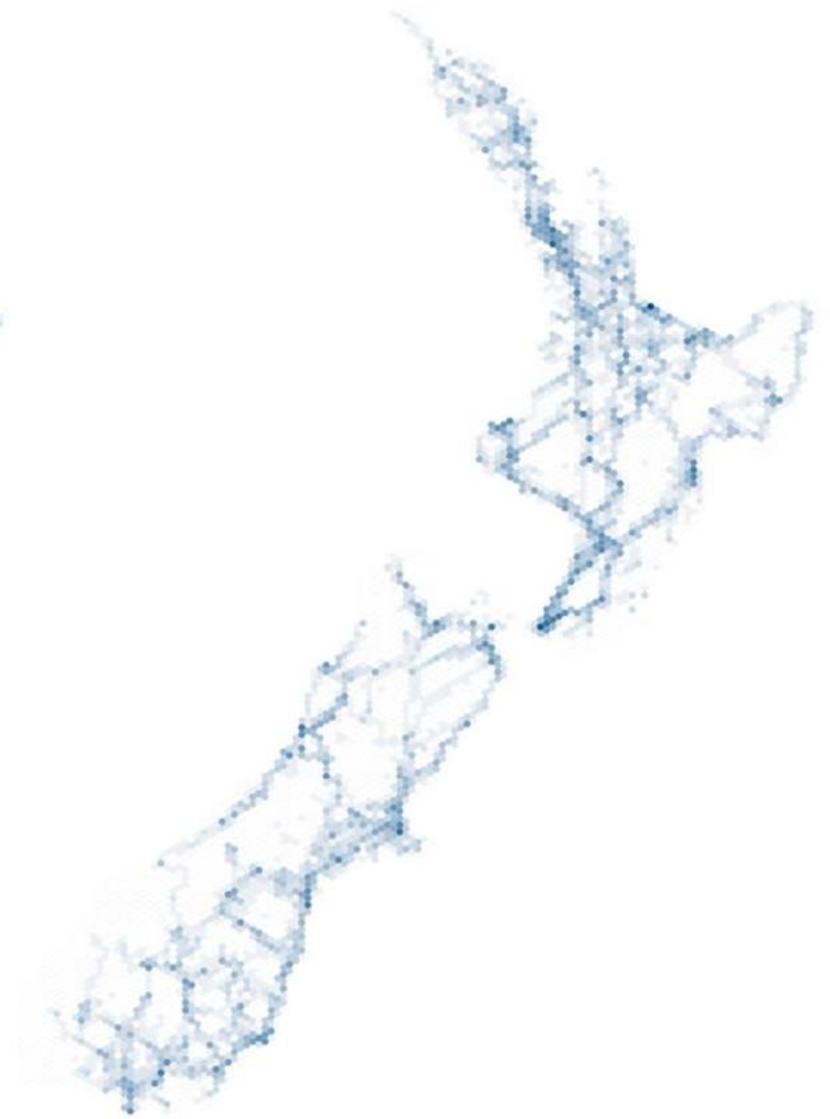
czor847@aucklanduni.ac.nz

- national networks
- multi-scale
- user demand
- system-of-systems





population



co-located infrastructure



Passenger Ferries



Passenger Rail



Airports



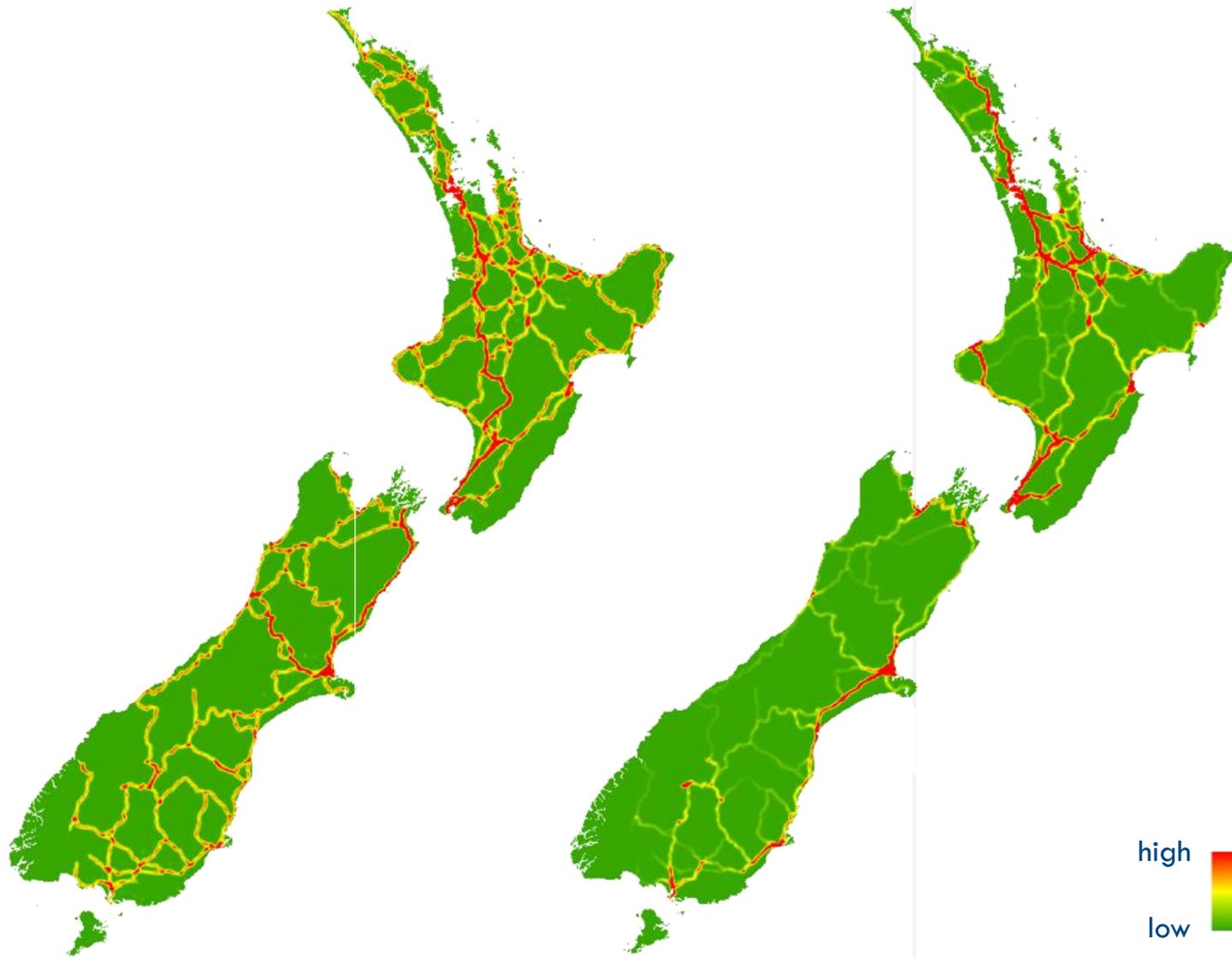
Road



Fuel Supply^{#,R}



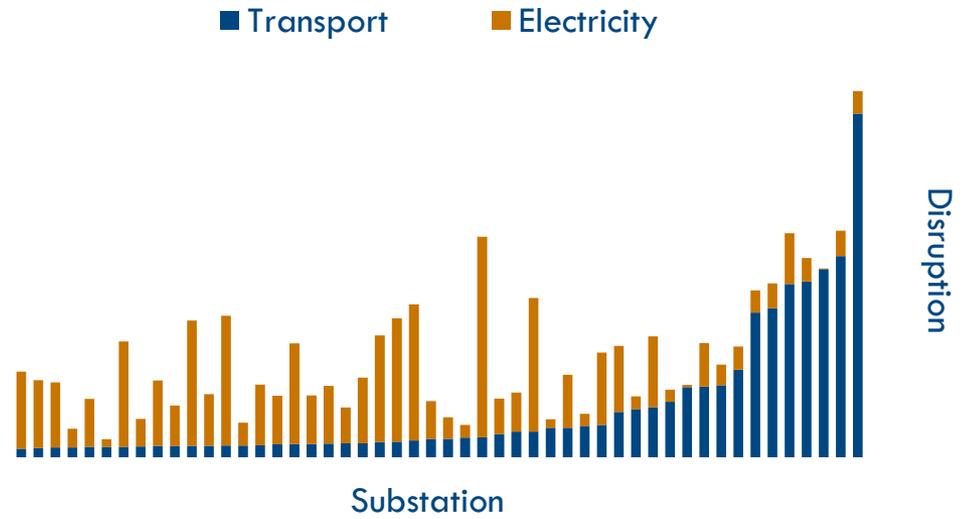
Electricity[#]



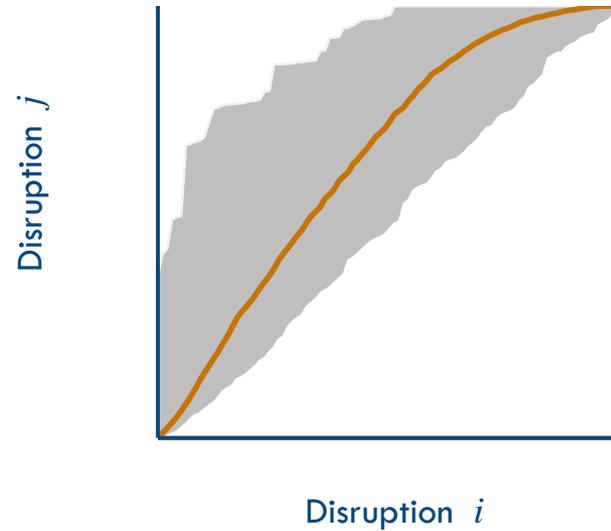
co-located

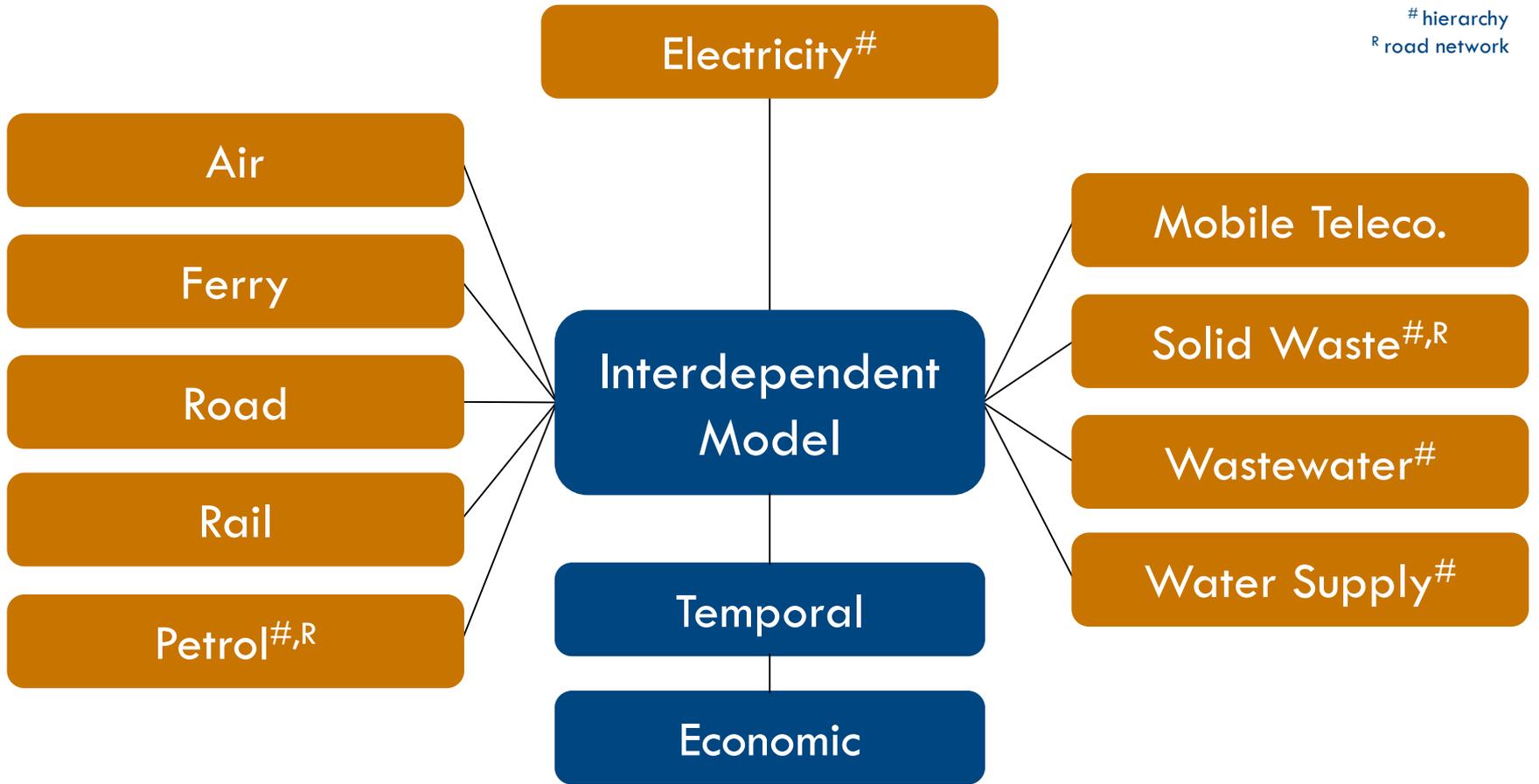
demand driven dependencies

1.
Targeted removals



2.
Random ordered





Ongoing:

- demand + flow
- sector models