



GovHack
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RoFleTaxEn 2030

Robust and Flexible Tax Environment in 2030

GovHack 2017, Perth

Team: The Next 100 Years

Socio-economic factors of tax



Population



Road Density/
Road Accessibility



Number of
Near Hospitals



Income



Expense for
Medicare Levy

Expense for
Gifts or Donations

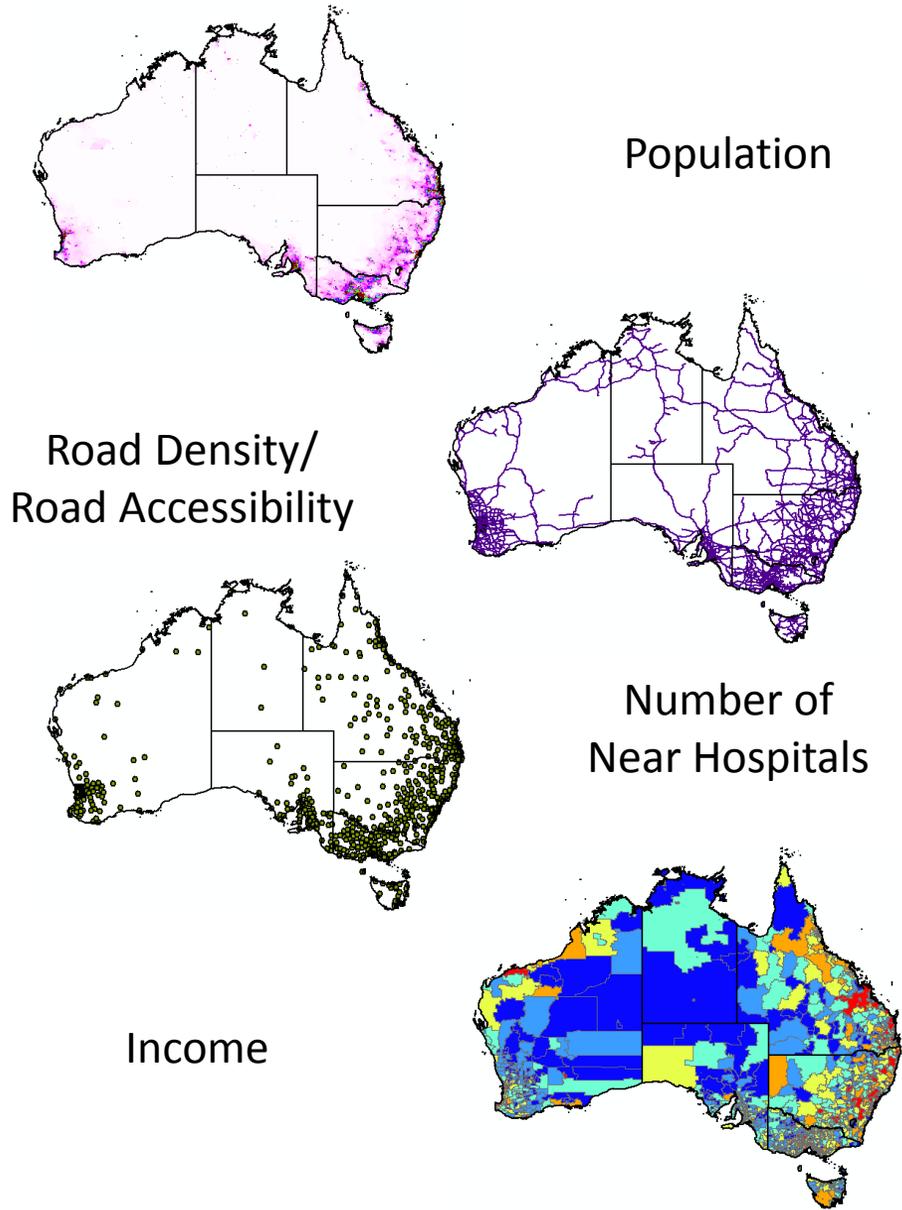


Low-Income
Population

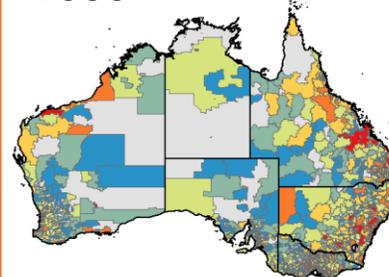
High-Income
Population



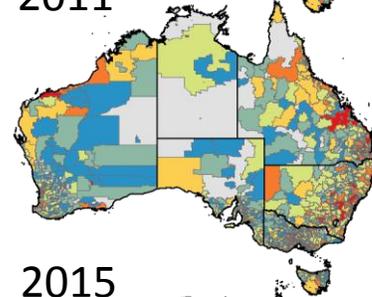
Socio-economic factors of tax – corresponding geospatial data



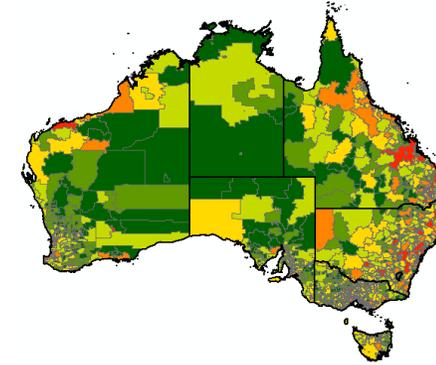
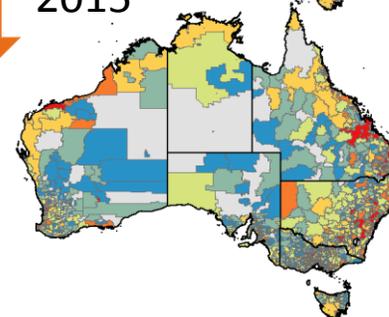
2006



2011

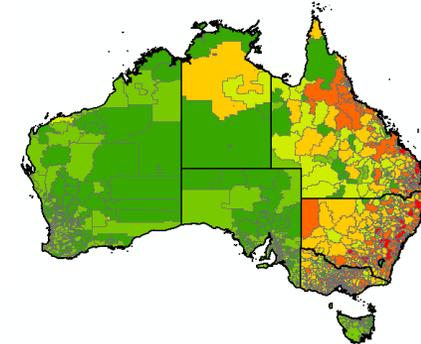


2015

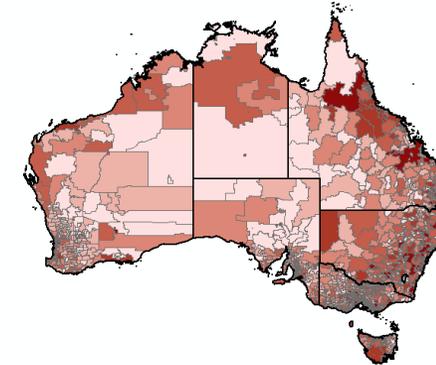


Expense for
Medicare Levy

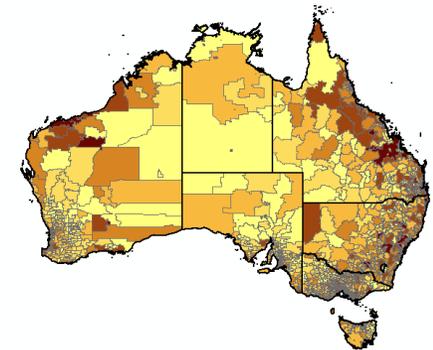
Expense for
Gifts or Donations



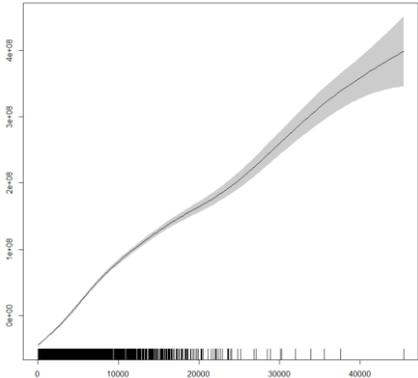
Low-Income
Population



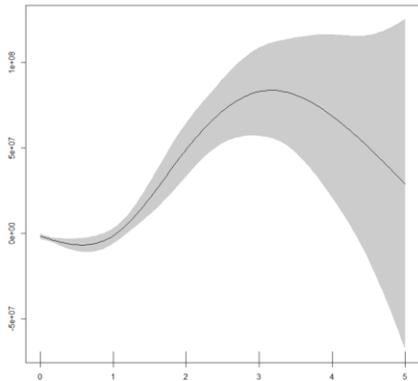
High-Income
Population



Socio-economic factors of tax – Nonlinear relationships

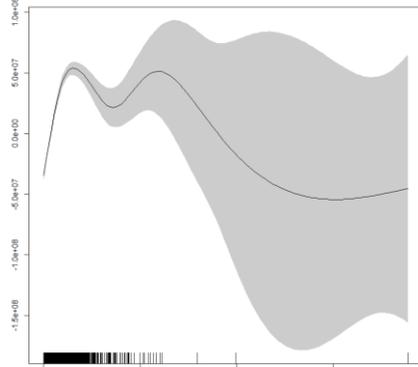


Road Density/
Road Accessibility

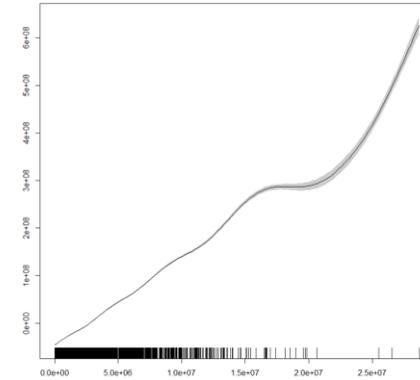
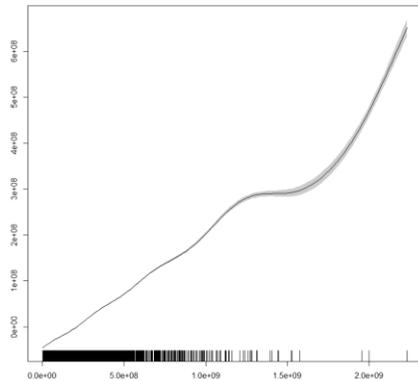


Income

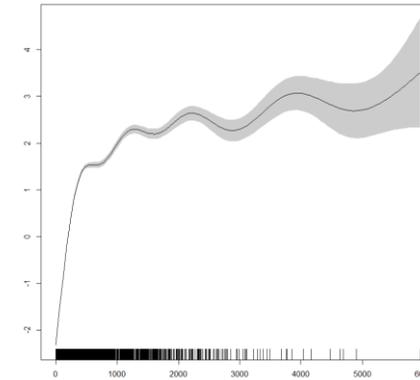
Population



Number of
Near Hospitals

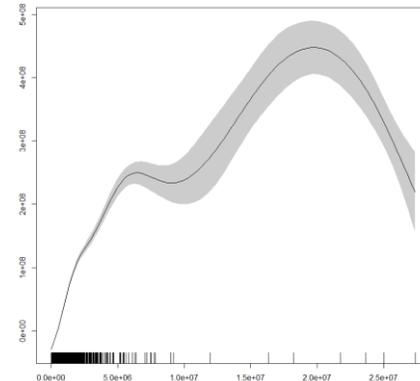


Expense for
Gifts or Donations

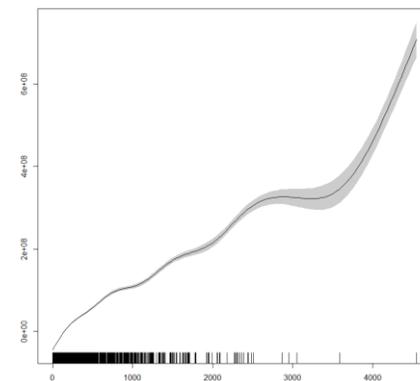


High-Income
Population

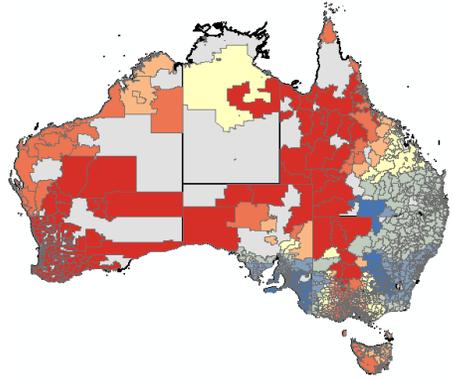
Expense for
Medicare Levy



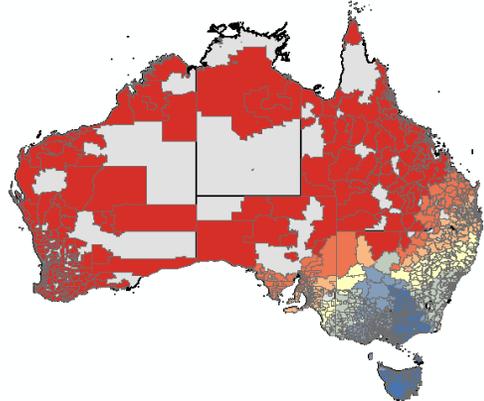
Low-Income
Population



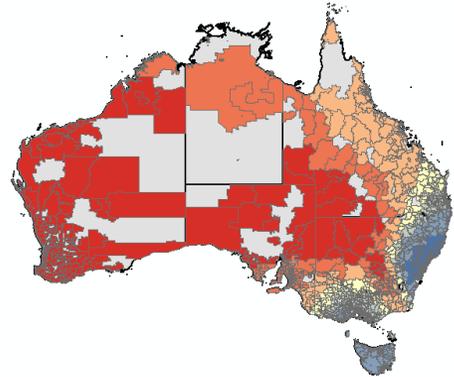
Varied geospatial local impacts of variables on **tax**



Population

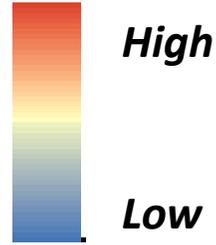
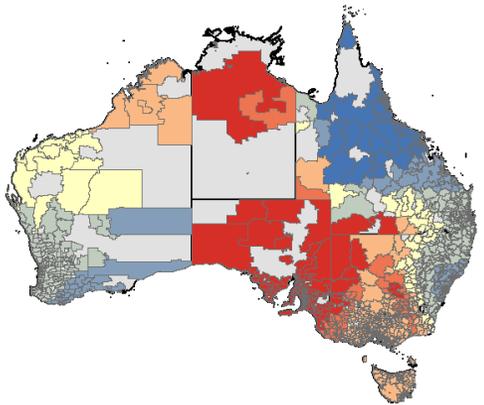


Road Density/
Road Accessibility



Number of
Near Hospitals

Income



**Spatio-temporal
modeling (GWR)**

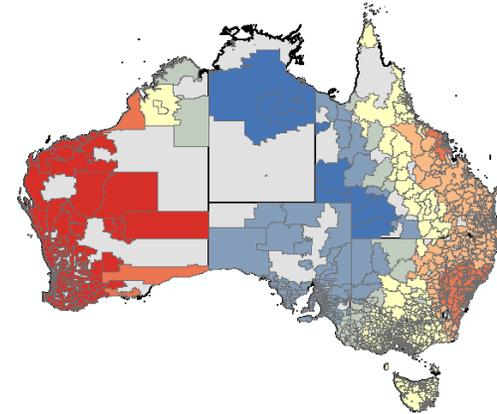
Not significant

Expense for
Gifts or Donations

Not significant

High-Income
Population

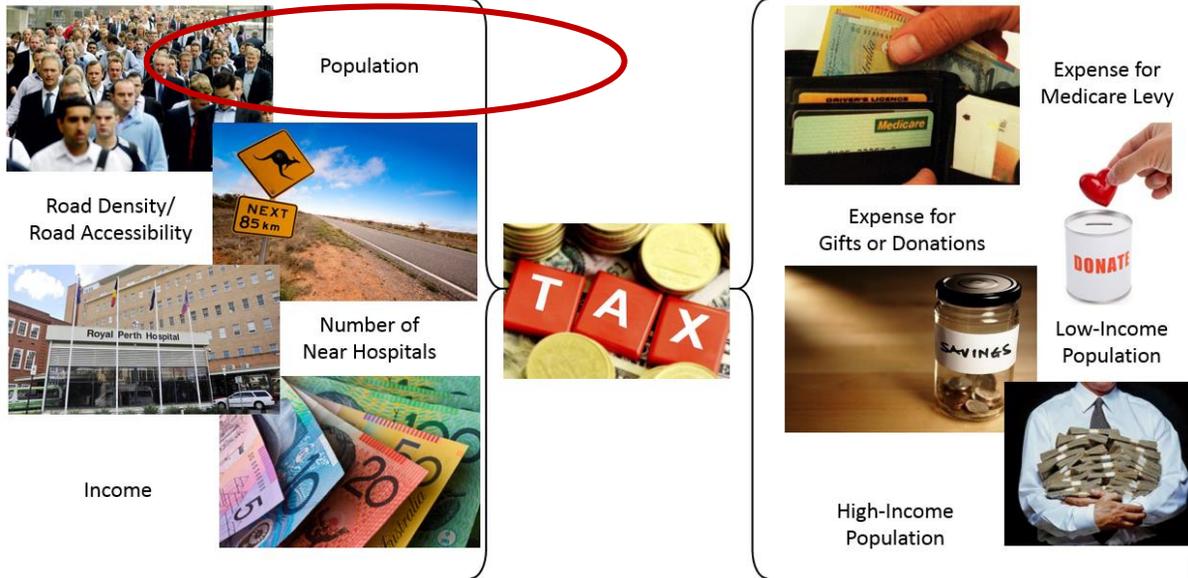
Expense for
Medicare Levy



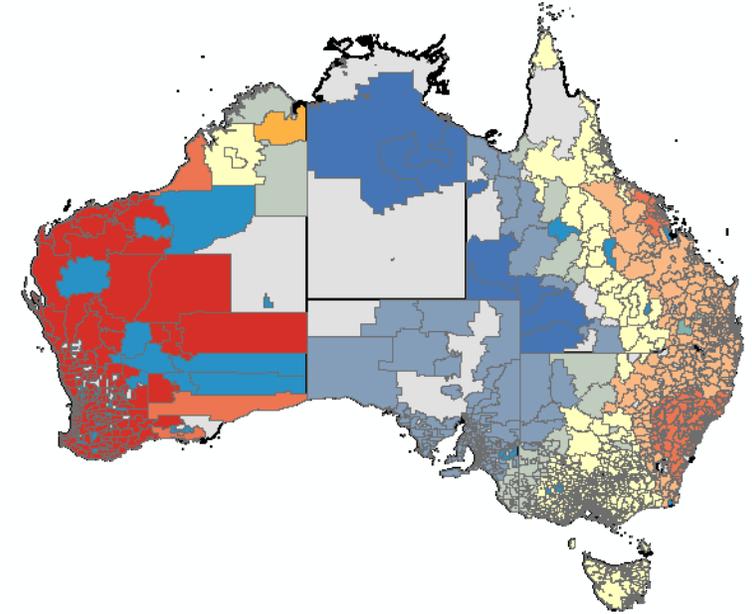
Low-Income
Population

Not significant

Socio-economic factors of tax

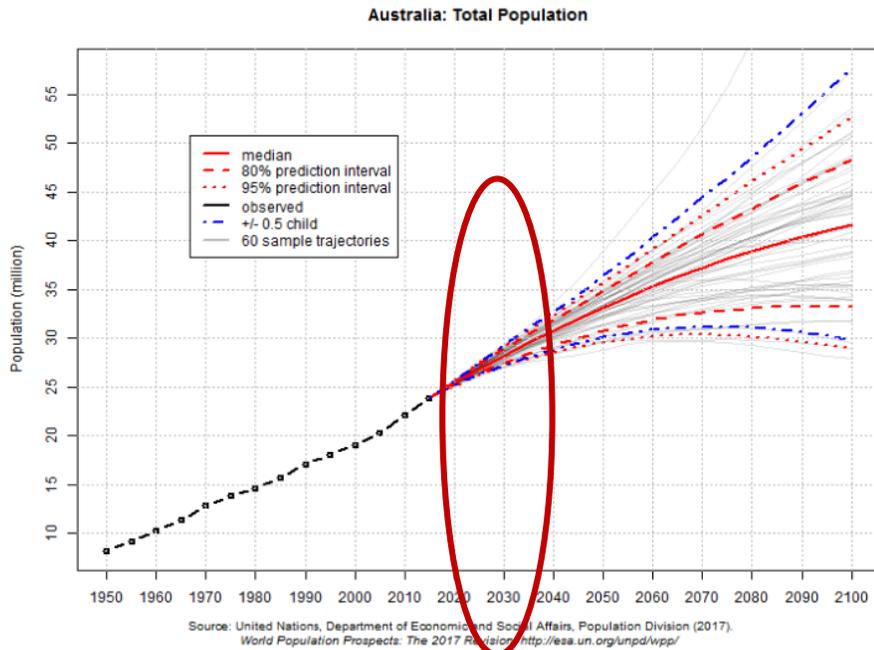


Tax distributions in 2030



Spatio-temporal modeling (GWR)

Future Population Scenarios



RoFleTaxEn 2030

Robust and Flexible Tax Environment in 2030



Scan the QR code to enter the online tax mapping system

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