

Data

HABM APCD; HC Inf
APCD; Medicare; GIS



Aim 2.1

Analyzing changes in geospatial provider distribution (Local changes)

Number of providers $N^{(c)}$
and number of pa-
tients treated $CAP^{(c)}$

Temporal mining,
spatio-temporal
scan statistics,
multi-task learning

Expert feed-
back; counter-
factual scenario
analysis

Aim 2.2

Network analysis and Cascading effects (Global changes)

Structural and dynam-
ical analysis of G_{HCI}

Graph mining,
spatial interaction
models, graph
neural networks



Dashboard

Public health and clinician team

General public