**Inequality in Life and Death: Eichenbaum et al. (2022)**

The model incorporates the heterogeneous impacts of Covid-19 on high- and low-income people into a multi-sector macro model with micro-founded SIR model of infection dynamics. The model studies how Covid may disproportionately impact the welfare and the health status of both groups, as well as examines effects of a containment policy and low-income fiscal transfers/aids on income inequality and death rates of both groups.

SIR block: The model assumes distinct SIR pandemic transmission dynamics facing high and low-income agents.

Economic model: The model features two-sector economy with zero labor mobility between sectors. The high and the low-income work in the tradable sector and the non-tradeable sector, respectively. All markets are perfectly competitive. Wages are sticky. The model operates under a small and open-economic setting, and only high-income households can access the saving instrument (foreign-currency bond).