

## Model

To investigate the full model, including the localized spillover effects of observers, we estimate the following:

$$\begin{aligned} Y_{ij} = & \beta_0 + \beta_1 T_{ij} + \beta_2 T_i^c + \sum_d (\beta_{3d} \cdot t_{dij}) \\ & + \sum_d (\beta_{4d} \cdot T_{ij} t_{dij}) + \sum_d (\beta_{5d} \cdot n_{dij}) \\ & + \sum_d (\beta_{6d} \cdot T_{ij} n_{dij}) + \mu_b + \epsilon_{ij} \end{aligned} \quad (1)$$