

Supplemental Appendix 1:

Model Equation

Y_{ij} Represents observation on individual i in facility j

X_{cij} Represents the calendar year of treatment for individual i in facility j

X_{gij} Represents variable indicating if the treatment occurred after the GFR reporting period intervention for individual i in facility j

X_{tij} Represents time before (negative) or after (positive) GFR reporting period on individual i in facility j

$b_j^{(2)}$ Represents error term for facility j

e_{ij} Represents error term for individual i in facility j

$$Y_{ij} = \beta_0 + \beta_1 X_{1ij} + \beta_2 X_{2ij} + \dots + \beta_c X_{cij} + \beta_g X_{gij} + \beta_{tg} X_{tij} X_{gij} + b_j^{(2)} + e_{ij}$$

$$b_j^{(2)} \sim N(0, \sigma_2^2)$$

$$e_{ij} \sim N(0, \sigma_1^2)$$