Supplemental Online Content

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eTable 1. Robustness checks (excluding HH facilities and removing procedure count)
eTable 2. Additional covariate checks in the primary specification (adding distance to hospital and presence of major operation)

This supplemental material has been provided by the authors to give readers additional information about their work.
### eTable 1. Robustness checks (excluding HH facilities and removing procedure count)

#### Panel A: Change in diagnosis count for each pct point increase in share privately-insured

|                       | Excluding HH | Removing Procedure Count Covariate |
|-----------------------|--------------|------------------------------------|
|                       | Individual FE\(^a\) | All admissions                     |
|                       | All admissions              | Individual FE\(^a\) | All admissions |
| Share privately-insured | 0.033***      | (0.004)                           | 0.043***      | (0.003)       |
| N (admissions)         | 1,312,346     | 1,614,630                          |

#### Panel B: Change in diagnosis count when switching quartiles for sequential admissions

|                       | Switchers\(^c\) | All admissions | Switchers | All admissions |
|-----------------------|----------------|---------------|-----------|---------------|
|                       | Individual FE\(^a\) |               | Individual FE\(^a\) |               |
| Q1 to Q4 (vs. Q1 to Q1)| 1.34***      | (0.13)         | 1.61***   | (0.08)        |
| Q4 to Q1 (vs. Q1 to Q1)| -1.63***     | (0.13)         | -1.62***  | (0.09)        |
| N (pairs of admissions)| 438,200       | 675,216        |

* HH, NYC Health + Hospitals (public hospital system)

\(^a\) “Individual FE” indicates the individual fixed effects model, which are adjusted for the ID of each patient to isolate the within-patient association between payer mix and diagnosis count.

\(^b\) “Switchers” indicates the switchers model, in which pairs of subsequent admissions for the same patient are used to flexibly model the change in diagnosis counts between each quartile of hospital, as measured by share of privately-insured patients.

\(^c\) “Switchers” indicates the switchers model, in which pairs of subsequent admissions for the same patient are used to flexibly model the change in diagnosis counts between each quartile of hospital, as measured by share of privately-insured patients.

*** p<0.0001
### eTable 2: Additional covariate checks in the primary specification (adding distance to hospital and presence of major operation)

|                              | Controlling for distance to hospital | Controlling for presence of major operation |
|------------------------------|--------------------------------------|-------------------------------------------|
|                              | Individual FEsa                      | Individual FEb                            |
|                              | All admissions                       | All admissions                            |
| Share privately-insured      | 0.035*** (0.006)                     | 0.035*** (0.006)                          |
|                              |                                     |                                           |
| N (admissions)               | 1,420,560                            | 1,614,630                                 |

* a HH, NYC Health + Hospitals (public hospital system)

**b "Individual FE" indicates the individual fixed effects model, which are adjusted for the ID of each patient to isolate the within-patient association between payer mix and diagnosis count.

***p<0.0001