

Supplementary Table 1. First-stage regression of log raw charges on patient characteristics for uncomplicated vaginal deliveries (DRG 775)

| | Multiplicative increase for each unit change in predictor | 95% CI lower bound | 95% CI upper bound | p-value |
|---|--|-----------------------------------|-----------------------------------|----------------|
| PATIENT-LEVEL CHARACTERISTICS | | | | |
| Charlson Comorbidities | 0.013 | 0.003 | 0.024 | 0.012 |
| Log Length of Stay (days) | 0.869 | 0.830 | 0.908 | <0.001 |
| No. Conditions Present on Admission | 0.023 | 0.021 | 0.026 | <0.001 |
| Age | | | | |
| 18-34 years | 0.033 | 0.027 | 0.039 | <0.001 |
| 35-64 years | Reference | | | |
| Insurance Type | | | | |
| Managed Care – Knox-Keene/Medi-Cal County Organized Health System | Reference | | | |
| Managed Care – Other | 0.006 | 0.000 | 0.010 | 0.022 |
| Traditional Coverage | -0.000 | -0.009 | 0.008 | 0.927 |

Supplementary Table 2. First-stage regression of log raw charges on patient characteristics for uncomplicated cesarean sections (DRG 766)

| | Multiplicative increase for each unit change in predictor | 95% CI lower bound | 95% CI upper bound | p-value |
|---|--|-----------------------------------|-----------------------------------|----------------|
| PATIENT-LEVEL CHARACTERISTICS | | | | |
| Charlson Comorbidities | 0.011 | 0.001 | 0.022 | 0.026 |
| Log Length of Stay (days) | 0.740 | 0.709 | 0.771 | <0.001 |
| No. Conditions Present on Admission | 0.014 | 0.011 | 0.016 | <0.001 |
| Age | | | | |
| 18-34 years | 0.022 | 0.017 | 0.028 | <0.001 |
| 35-64 years | Reference | | | |
| Insurance Type | | | | |
| Managed Care – Knox-Keene/Medi-Cal County Organized Health System | Reference | | | |
| Managed Care – Other | -0.004 | -0.009 | 0.000 | 0.069 |
| Traditional Coverage | 0.002 | -0.007 | 0.011 | 0.686 |