

Table 11. Hospital Costs

The data were from the Nationwide Inpatient Sample of the Healthcare Cost and Utilization Project (NIS-HCUP), a nationwide survey of hospital costs conducted by the US Agency for Healthcare Research and Quality (AHRQ). We restrict consideration to Wisconsin hospitals and analyze a random sample of $n = 500$ claims from 2003 data. Although the data comes from hospital records, it is organized by individual discharge and so we have information about the age and gender of the patient discharged. Specifically, we consider patients aged 0-17 years. We will use these data to consider the frequency of hospitalization. The data will also be used to model the severity of hospital charges, by age and gender.

| File Name: HospitalCosts | Number of obs: 500 | Number of variables: 6 |
|-----------------------------|--------------------------|---|
| Variable | Number of Obs Missing | Description |
| AGE | 1 | Age of the patient discharged |
| FEMALE | | Binary variable that indicates if the patient is female |
| LOS | | Length of stay, in days |
| RACE | | Race |
| TOTCHG | | Hospital discharge costs |
| APRDRG | | All patients refined diagnosis related group |

Source: Nationwide Inpatient Sample of the Healthcare Cost and Utilization Project (NIS-HCUP), conducted by the US Agency for Healthcare Research and Quality (AHRQ).

| Table 11 | | | | | | |
|---|-----|--------|-----|------|--------|--------|
| Example of the first five observations: | | | | | | |
| | AGE | FEMALE | LOS | RACE | TOTCHG | APRDRG |
| 1 | 17 | 1 | 2 | 1 | 2660 | 560 |
| 2 | 17 | 0 | 2 | 1 | 1689 | 753 |
| 3 | 17 | 1 | 7 | 1 | 20060 | 930 |
| 4 | 17 | 1 | 1 | 1 | 736 | 758 |
| 5 | 17 | 1 | 1 | 1 | 1194 | 754 |