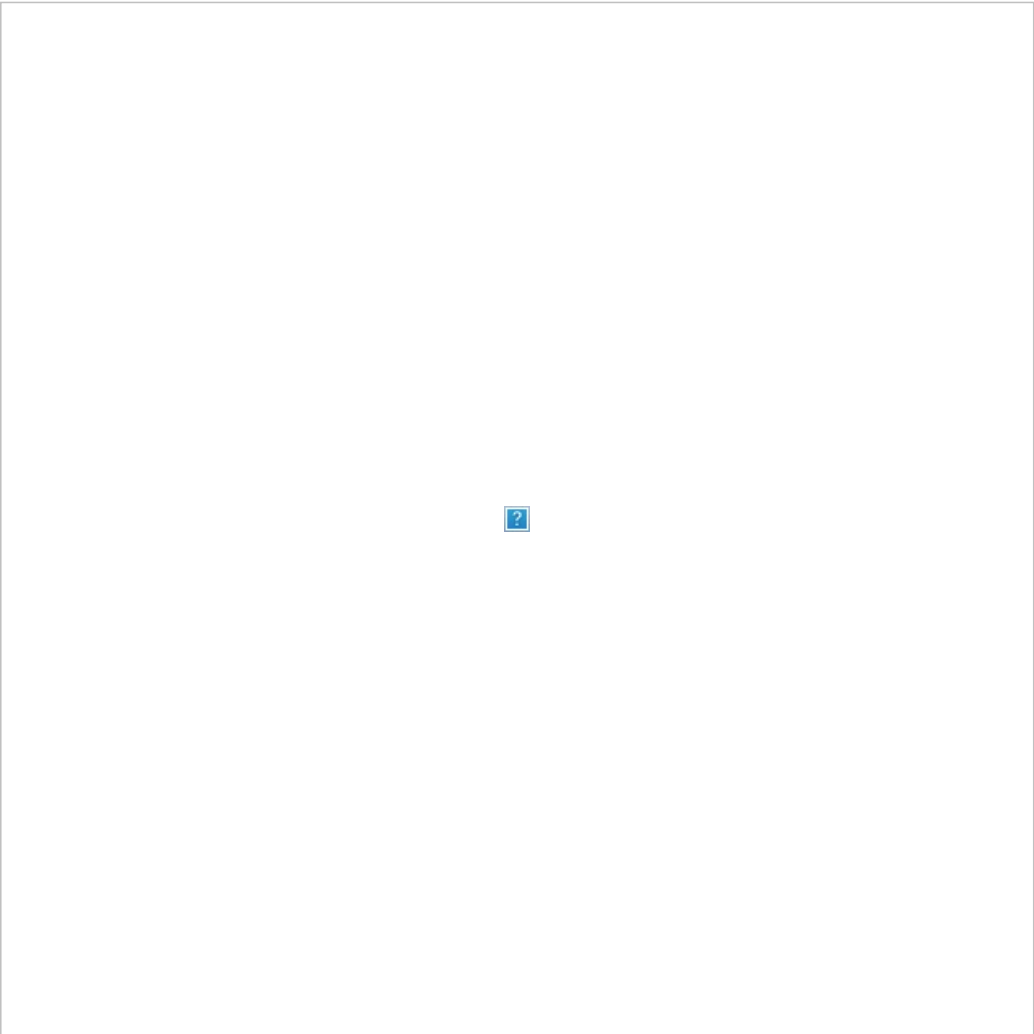


# hw2

Author

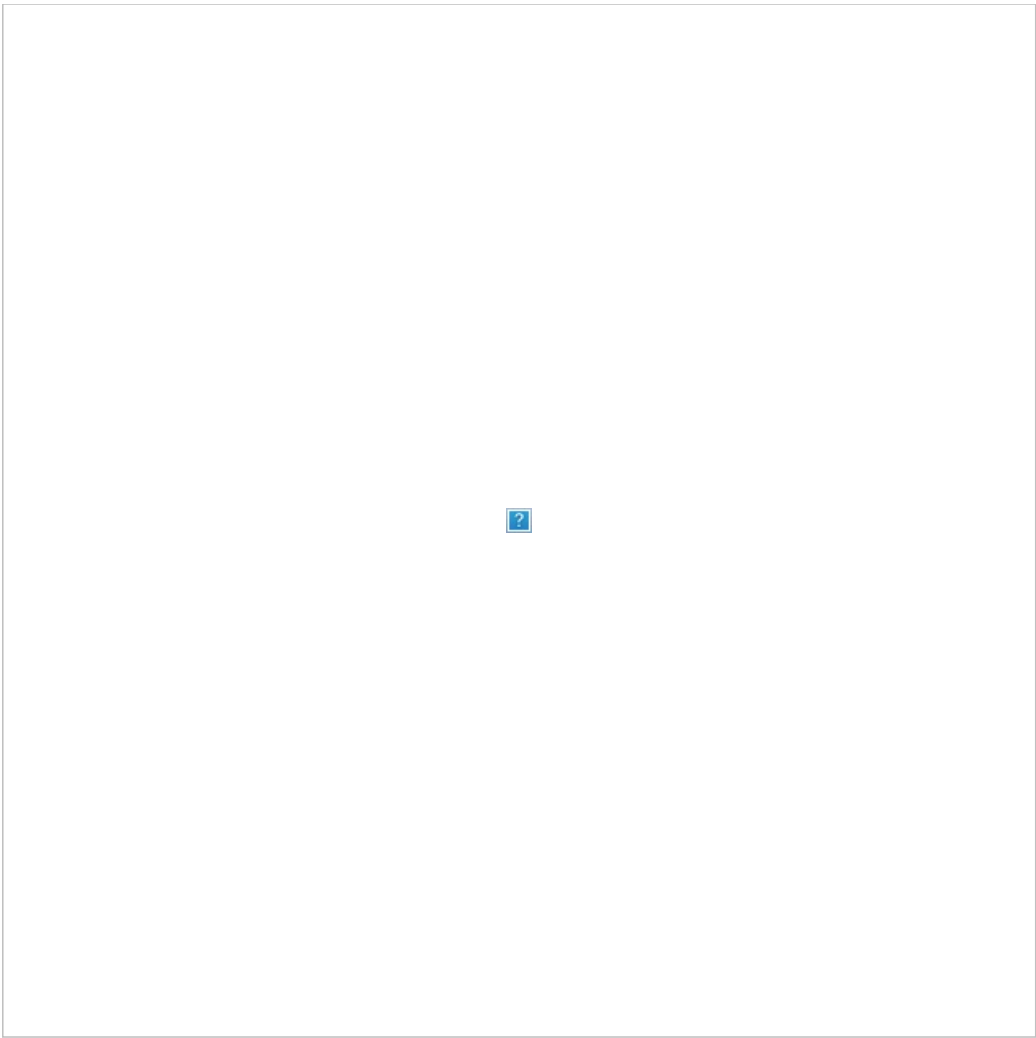
miracle ephraim

1. Hospital reports over time



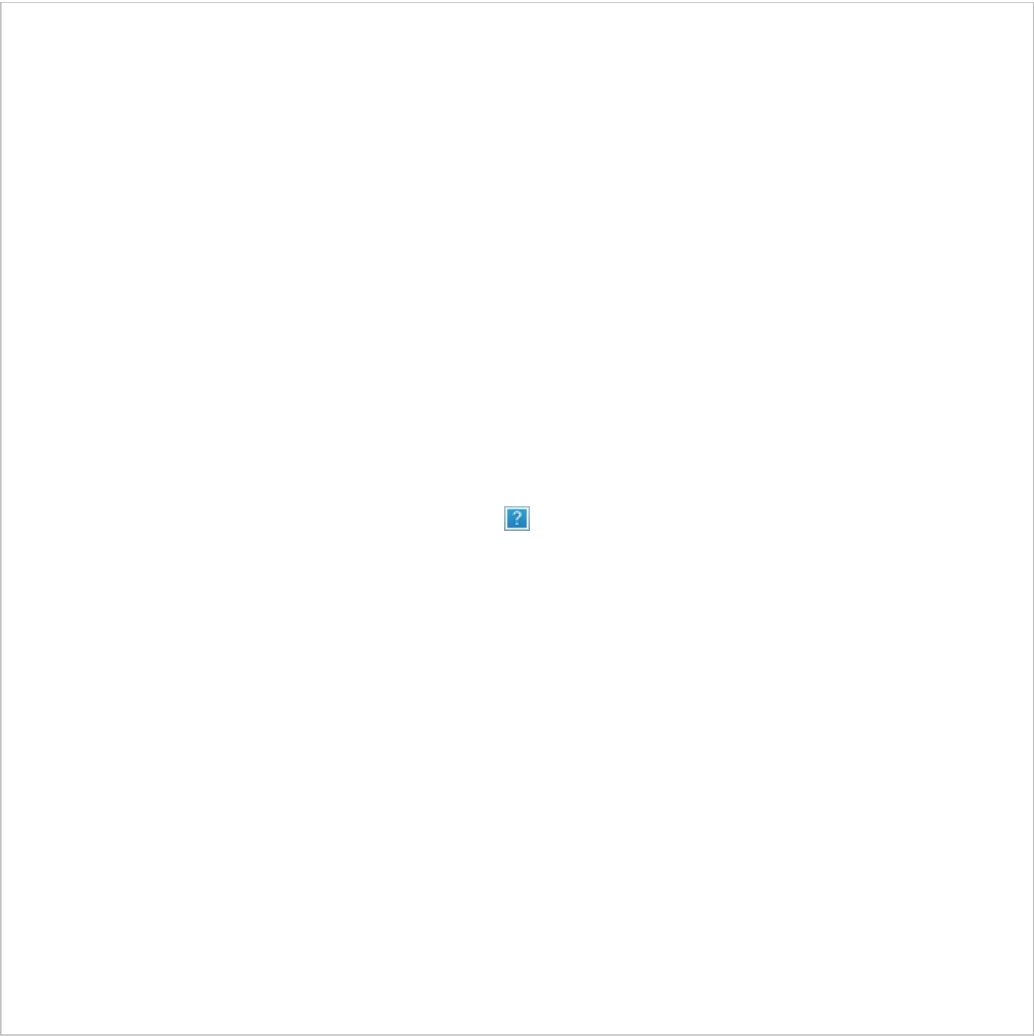
2. Number of unique hospital ids

3. Distribution of total charges



4. Distribution of price

Warning: Removed 55873 rows containing non-finite values (``stat_ydensity()``).



5. Average prices of penalized and non-penalized hospitals

```
# A tibble: 1 × 2
  year avg_price_nopen
<dbl> <dbl>
1  2012      11589.

# A tibble: 1 × 2
  year avg_price_pen
<dbl> <dbl>
1  2012      9825.
```

6. Bed size quantiles and their average prices

```
# A tibble: 2 × 2
  bed_1 avg_price
<dbl> <dbl>
1     0  10614.
2     1   7520.
```

7. Calculating different estimators

NULL  
NULL  
<NA>  
NA  
<NA>  
NA

- 8.
- 9.
- 10.