# Hospital characteristics by mortality risk quadrant

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#### Thu Jan 25 12:08:52 2018

# Output table of summaries by O/E and absolute categories, based on plot

## SMR/death rate plot



## Summary tables

We construct summary tables for hospital characteristics based on the four quadrants defined in the above figure. In particular, High Rel and Low Rel refer to whether the O/E ratio is above or below 2. High Abs and Low Abs refer to whether the absolute mortality rate of the hospital is above or below the median (13%), respectively.

**Table 1:** Column-wise summaries (distribution of levels conditional on quadrant)

|  | **High Rel / High Abs** | **High Rel / Low Abs** | **Low Rel / High Abs** | **Low Rel / Low Abs** |
| --- | --- | --- | --- | --- |
| N | 38 | 39 | 173 | 173 |
| **Bedsize** | | | | |
| Large | 73.7% | 64.1% | 77.5% | 62.4% |
| Medium | 21.1% | 25.6% | 19.1% | 27.7% |
| Small | 5.3% | 10.3% | 3.5% | 9.8% |
| **High SLE Volume** | | | | |
| High | 76.3% | 51.3% | 85.5% | 70.5% |
| Low | 23.7% | 48.7% | 14.5% | 29.5% |
| **Teaching** | | | | |
| Rural | 2.6% | 17.9% | 1.2% | 8.1% |
| Urban Non-Teaching | 31.6% | 41.0% | 35.8% | 45.7% |
| Urban Teaching | 65.8% | 41.0% | 63.0% | 46.2% |
| **Region** | | | | |
| Midwest | 7.9% | 20.5% | 12.1% | 24.9% |
| Northeast | 31.6% | 7.7% | 16.2% | 11.6% |
| South | 34.2% | 46.2% | 46.2% | 41.0% |
| West | 26.3% | 25.6% | 25.4% | 22.5% |

**Table 2:** Row-wise summaries (distribution of quadrants by levels of each variable)

|  | **High Rel / High Abs** | **High Rel / Low Abs** | **Low Rel / High Abs** | **Low Rel / Low Abs** |
| --- | --- | --- | --- | --- |
| N | 38 | 39 | 173 | 173 |
| **Bedsize** | | | | |
| Large | 9.5% | 8.5% | 45.4% | 36.6% |
| Medium | 8.1% | 10.1% | 33.3% | 48.5% |
| Small | 6.9% | 13.8% | 20.7% | 58.6% |
| **High SLE Volume** | | | | |
| High | 9.1% | 6.3% | 46.4% | 38.2% |
| Low | 8.7% | 18.3% | 24.0% | 49.0% |
| **Teaching** | | | | |
| Rural | 4.2% | 29.2% | 8.3% | 58.3% |
| Urban Non-Teaching | 7.1% | 9.5% | 36.7% | 46.7% |
| Urban Teaching | 10.9% | 7.0% | 47.4% | 34.8% |
| **Region** | | | | |
| Midwest | 4.0% | 10.7% | 28.0% | 57.3% |
| Northeast | 19.0% | 4.8% | 44.4% | 31.7% |
| South | 7.1% | 9.9% | 44.0% | 39.0% |
| West | 9.7% | 9.7% | 42.7% | 37.9% |