Length of hospital stay and influencing factors of NICU in the Western Hunan, underdeveloped area of China: A 9-year retrospective study

Figure S1. The proportion of comorbidities in different LOS.

Table S1. The proportion (%) of different characteristics of NICU newborns from 2012 to 2020.

| Characteristic         | 2012     | 2013     | 2014     | 2015     | 2016     | 2017     | 2018     | 2019     | 2020     | Total    |
|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Gender                 |          |          |          |          |          |          |          |          |          |          |
| Male                   | 64.54    | 60.20    | 60.24    | 58.45    | 56.67    | 57.58    | 56.96    | 57.75    | 56.72    | 58.92    |
| Female                 | 35.46    | 39.80    | 39.76    | 41.55    | 43.33    | 42.42    | 43.04    | 42.25    | 43.28    | 41.08    |
| Patient source         |          |          |          |          |          |          |          |          |          |          |
| Born in this hospital  | 40.23    | 60.81    | 57.35    | 57.96    | 57.64    | 64.14    | 64.50    | 69.77    | 68.59    | 59.74    |
| Transfer from outside hospital | 59.77 | 39.19    | 42.65    | 42.04    | 42.36    | 35.86    | 35.50    | 30.23    | 31.41    | 40.26    |
| Delivery method        |          |          |          |          |          |          |          |          |          |          |
| Vaginal delivery       | 42.20    | 48.56    | 39.60    | 46.49    | 52.38    | 42.14    | 40.55    | 40.87    | 35.12    | 43.28    |
| Cesarean delivery      | 56.74    | 51.39    | 60.40    | 53.46    | 47.62    | 57.52    | 59.45    | 59.08    | 64.68    | 56.52    |
| Induced labor          | 1.06     | 0.05     | 0.00     | 0.05     | 0.00     | 0.34     | 0.00     | 0.06     | 0.21     | 0.21     |
| Gestational age        |          |          |          |          |          |          |          |          |          |          |
| <37w                   | 33.39    | 46.28    | 38.54    | 56.64    | 37.26    | 45.06    | 38.23    | 35.20    | 37.38    | 41.02    |
| 37-41+6w               | 65.87    | 53.67    | 61.11    | 42.65    | 62.68    | 54.77    | 61.60    | 64.68    | 62.41    | 58.69    |
| ≥ 42w                  | 0.74     | 0.05     | 0.35     | 0.71     | 0.06     | 0.17     | 0.17     | 0.12     | 0.21     | 0.29     |
| Birth weight (g)       |          |          |          |          |          |          |          |          |          |          |
| <2500                  | 28.45    | 38.03    | 31.69    | 47.91    | 29.08    | 34.34    | 29.99    | 27.51    | 28.19    | 32.99    |
| 2500-3999              | 66.40    | 58.23    | 64.50    | 48.52    | 67.20    | 62.18    | 66.13    | 68.15    | 68.38    | 63.10    |
| ≥4000                  | 5.15     | 3.75     | 3.80     | 3.57     | 3.72     | 3.48     | 3.89     | 4.34     | 4.43     | 3.91     |