Article title: Unbalanced Treatment Costs of Breast Cancer in China: Implications from the Direct Costs of Inpatient and Outpatient Care in Liaoning Province

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Supplementary file 1.
Table S1. Average expenditure (CNY) per visit for inpatient and outpatient care

| Age group | Inpatient cost | | | Outpatient cost | | |
|-----------|---------------|---|---|-----------------|---|---|
|           | Mean          | Median | P value | Mean | Median | P value |
| <40       | 13305         | 10799  | <0.001  | 641  | 362    | <0.001  |
| 40-54     | 12973         | 9810   | 641  | 362    | <0.001  |
| 55-69     | 11122         | 8863   | 641  | 362    | <0.001  |
| ≥70       | 10899         | 8134   | 641  | 362    | <0.001  |
| Surgery   | <0.001        | 0.442  | 641  | 362    | <0.001  |
| NO        | 7775          | 5817   | 641  | 362    | <0.001  |
| YES       | 19659         | 17614  | 641  | 362    | <0.001  |
| Insurance status | <0.001 | <0.001 | 641  | 362    | <0.001  |
| UEBMI     | 13265         | 9903   | 948  | 1213   | <0.001  |
| URBMI     | 11853         | 8353   | 856  | 739    | <0.001  |
| NCMs      | 11350         | 8267   | 687  | 495    | <0.001  |
| Self-paid | 10162         | 7220   | 643  | 401    | <0.001  |
| Hospital type | <0.001 | <0.001 | 641  | 362    | <0.001  |
| TCM hospital | 12306     | 9704   | 814  | 674    | <0.001  |
| Specialized hospital | 15263 | 15159 | 914  | 1213   | <0.001  |
| General hospital | 11339     | 7575   | 665  | 412    | <0.001  |
| TOTAL     | 12108         | 8699   | 829  | 824    | <0.001  |

Abbreviation: UEBMI, Urban Employee Basic Medical Insurance; URBMI, Urban Resident Basic Medical Insurance; NCMs, New Rural Cooperative Medical Scheme; TCM hospital, Traditional Chinese Medicine hospital.
| Table S2. Regression results for generalized linear model of inpatient and outpatient costs per visits |
|---------------------------------------------------------------|
| **Analysis 1: Inpatient cost** | **Analysis 2: Outpatient cost** |
| coefficient | 95% CI | coefficient | 95% CI |
| Age group   |        |            |        |
| <40         | 0.1    | 0.033      | 0.167  |
| 40-54       | 0.047  | 0.006      | 0.101  |
| 55-69       | 0.02   | -0.033     | 0.074  |
| ≥70         | Reference |         | Reference |
| LOS         | 0.05   | 0.049      | 0.052  |
| Surgery     | 0.76   | 0.79       | 0.73   |
| Payment type |        |            |        |
| UEBMI       | 0.362  | 0.308      | 0.416  |
| URBMI       | 0.306  | 0.252      | 0.36   |
| NCMs        | 0.24   | 0.185      | 0.295  |
| Self-paid   | Reference |         | Reference |
| Hospital type |        |            |        |
| TCM hospital | 0.382  | 0.339      | 0.426  |
| Specialized hospital | 0.03   | -0.009     | 0.068  |
| General hospital | Reference | | Reference |
| Abbreviation: UEBMI, Urban Employee Basic Medical Insurance; URBMI, Urban Resident Basic Medical Insurance; NCMs, New Rural Cooperative Medical Scheme; TCM hospital, Traditional Chinese Medicine hospital. |