**Cost-effectiveness analysis of the tislelizumab versus docetaxel for advanced or metastatic non-small-cell lung cancer in China**

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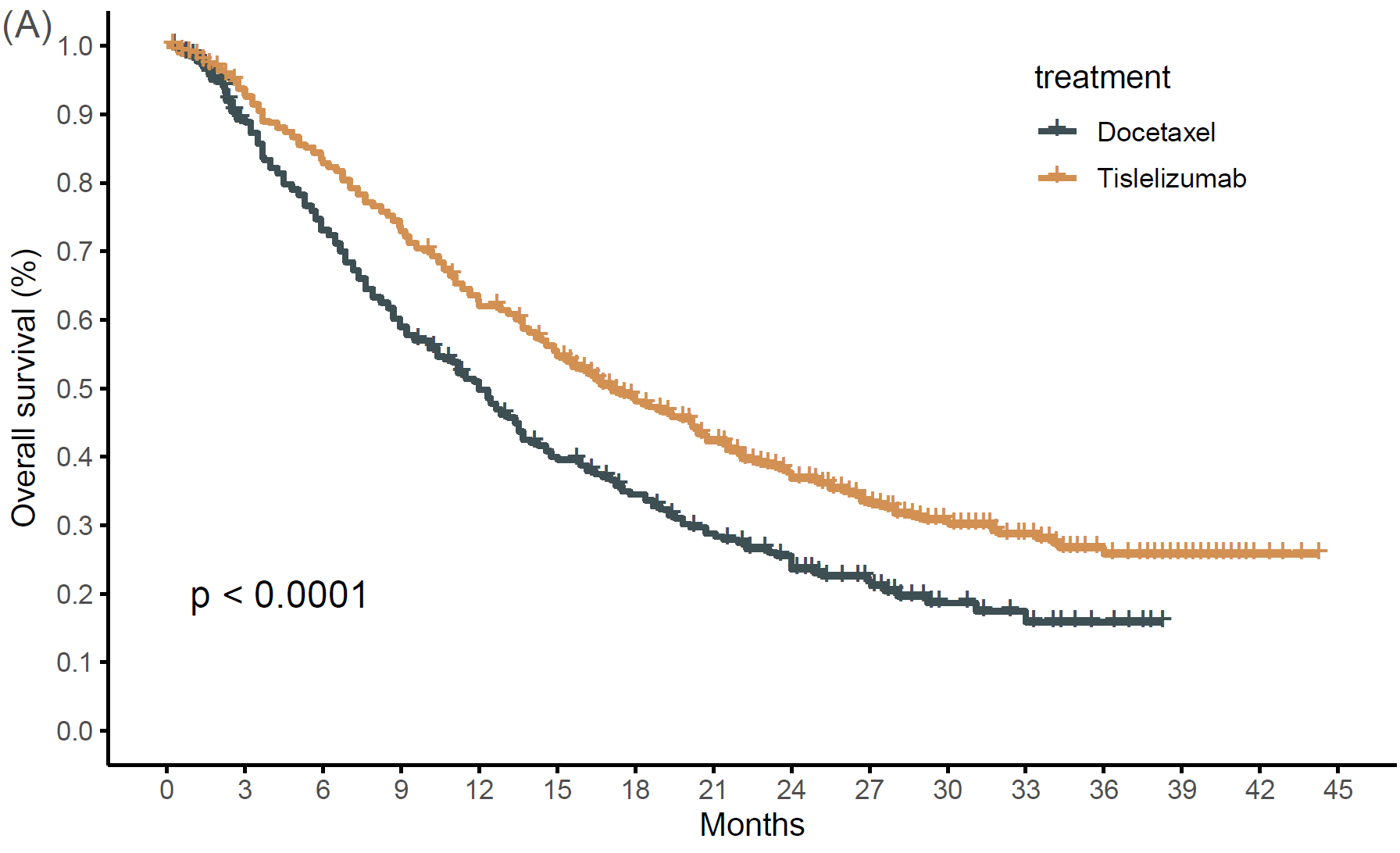
**Table S1. Comparison of parameters of K-M curves after reconstruction.**

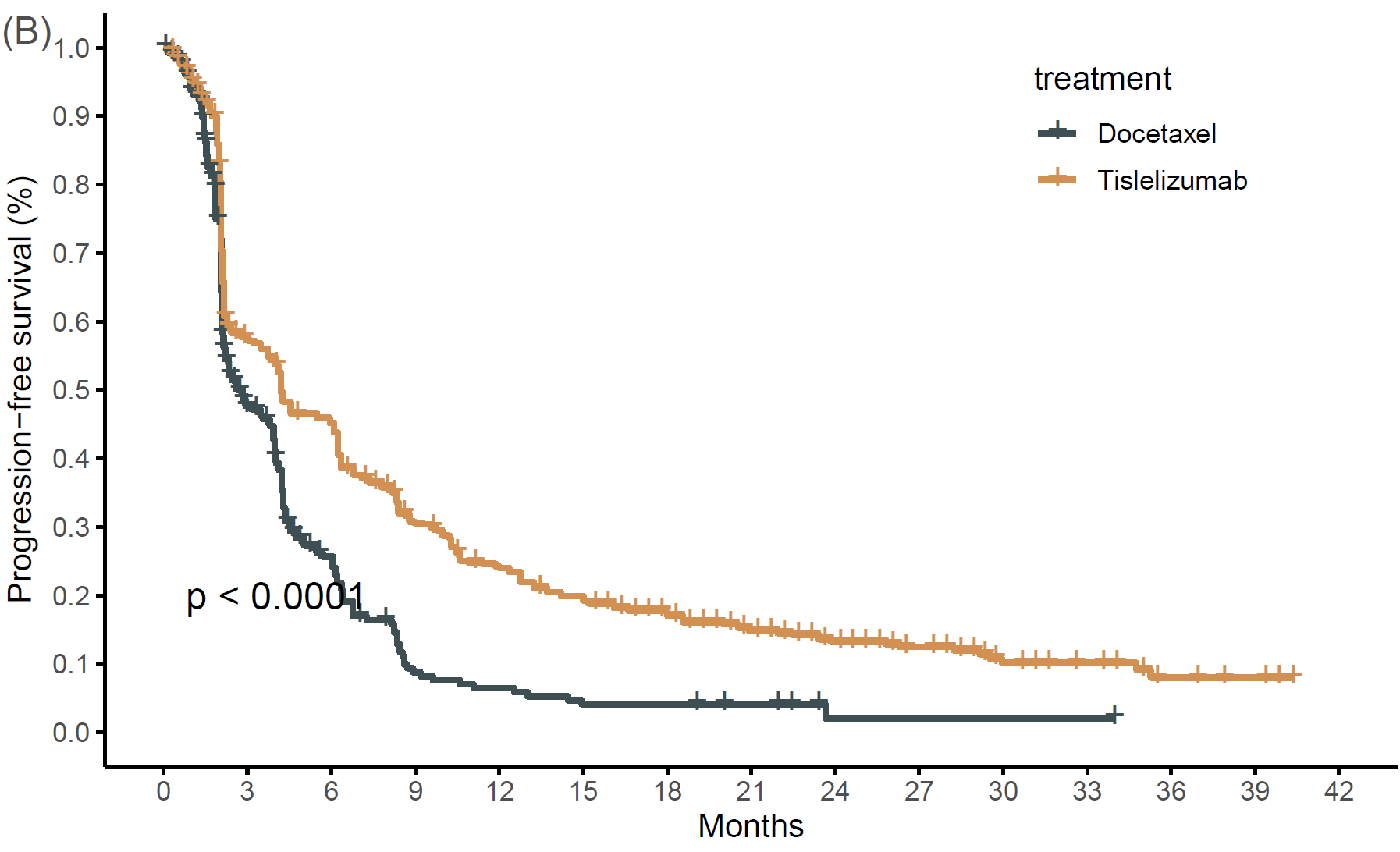
|  |  |  |
| --- | --- | --- |
| **Parameter** | **RATIONALE-303** | **Reconstructed curve** |
| HR | 0.63 | 0.6154 |
| L95% | 0.53 | 0.5194 |
| U95% | 0.75 | 0.7292 |

L95%: 95% lower limit; U95%: 95% upper limit.

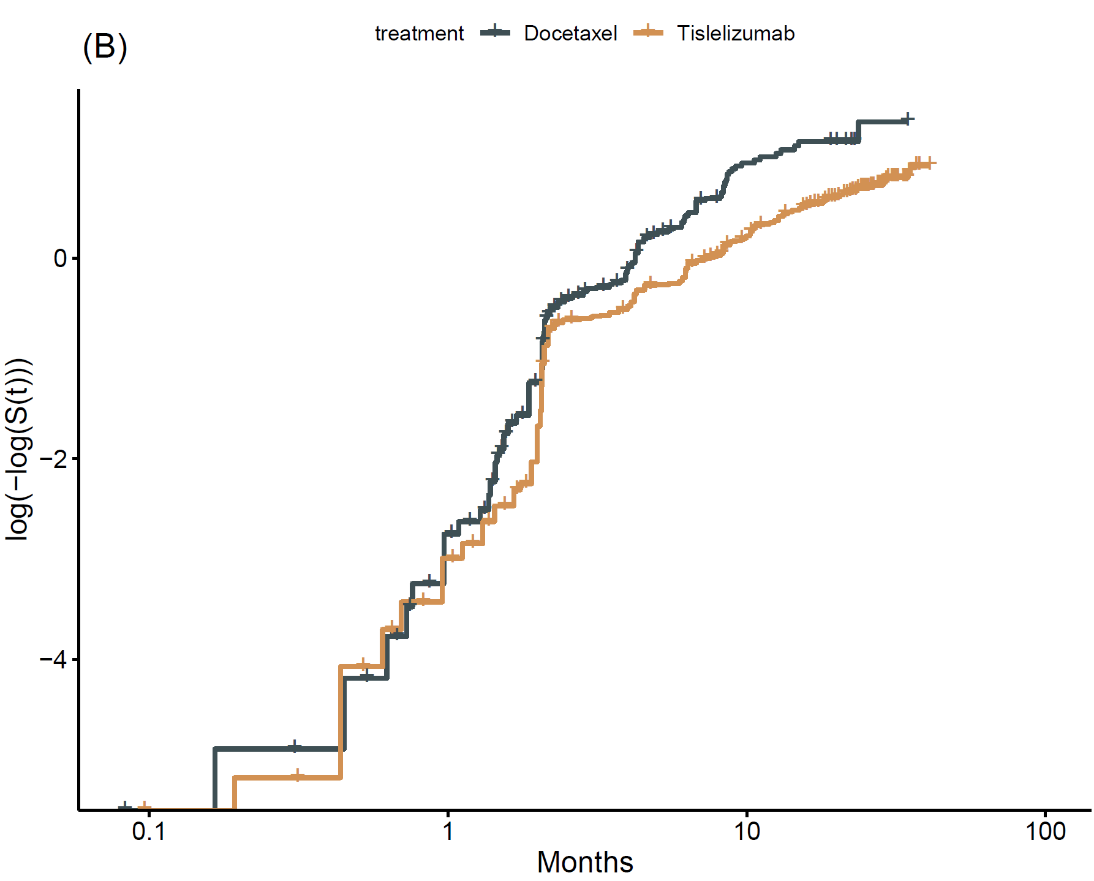
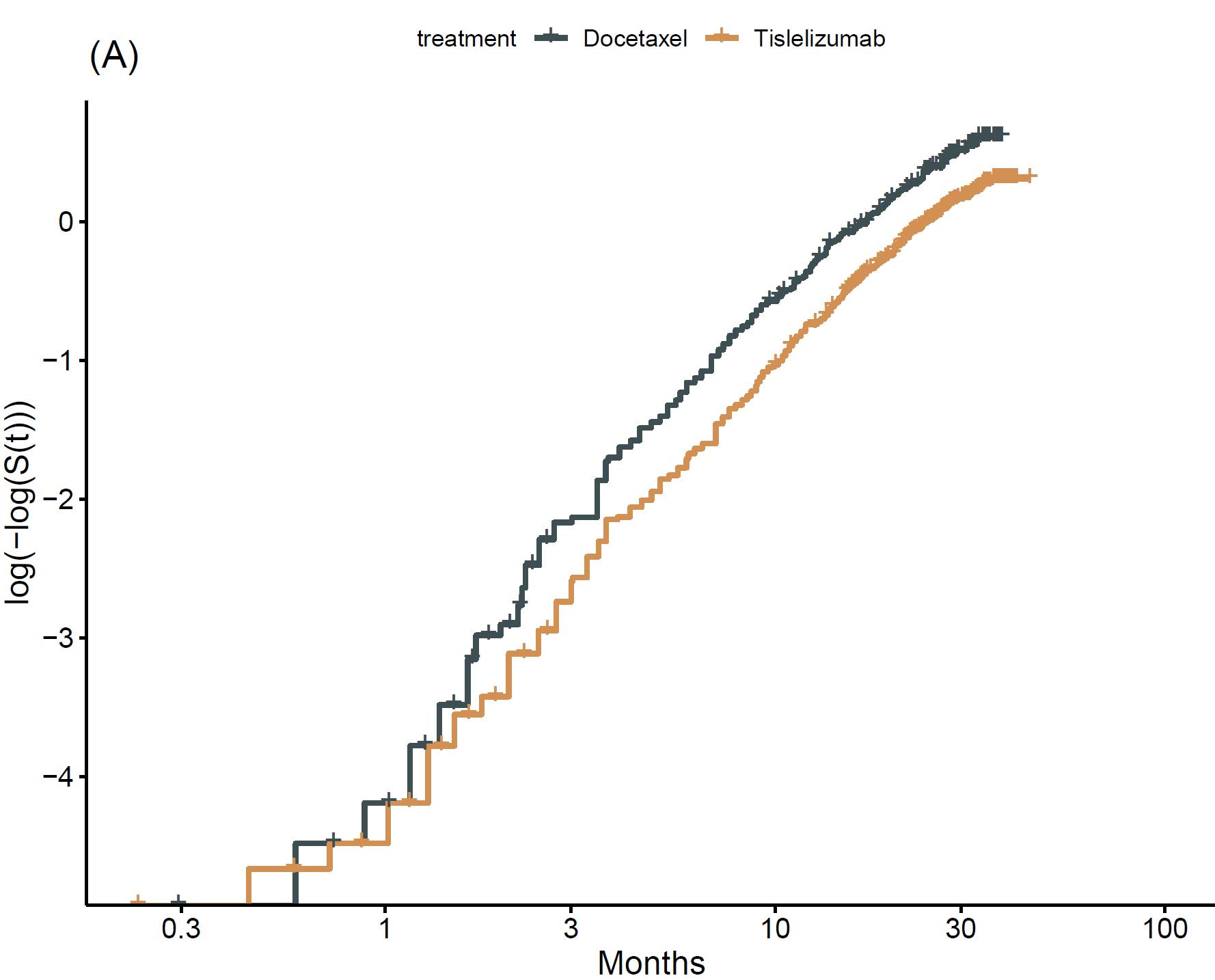
**Table S2. AIC and BIC statistics for alternate parametric distributions.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **AIC** | | **BIC** | |
| **Tislelizumab** | **Docetaxel** | **Tislelizumab** | **Docetaxel** |
| OS |  |  |  |  |
| Weibull (AFT) | 3017.35 | 1536.78 | 3025.92 | 1543.97 |
| log−Normal | 3007.19 | 1522.88 | 3015.76 | 1530.07 |
| log−Logistic | 3001.65 | 1524.55 | 3010.21 | 1531.75 |
| Gompertz | 3025.62 | 1541.66 | 3034.18 | 1548.85 |
| Gen. Gamma | 3005.65 | 1524.73 | 3018.50 | 1535.53 |
| Gamma | 3013.75 | 1533.83 | 3022.32 | 1541.02 |
| Exponential | 3023.88 | 1539.70 | 3028.16 | 1543.30 |
| PFS |  |  |  |  |
| Weibull (AFT) | 2896.63 | 1067.67 | 2905.19 | 1074.86 |
| log−Normal | 2785.19 | 1008.19 | 2793.75 | 1015.38 |
| log−Logistic | 2794.00 | 999.89 | 2802.57 | 1007.09 |
| Gompertz | 2838.56 | 1074.13 | 2847.13 | 1081.33 |
| Gen. Gamma | 2759.20 | 1008.55 | 2772.05 | 1019.34 |
| Gamma | 2907.09 | 1052.76 | 2915.65 | 1059.95 |
| Exponential | 2907.25 | 1075.15 | 2911.53 | 1078.75 |





**Figure S1.** (A) Reconstructed OS curve; (B) Reconstructed PFS curve.



**Figure S2.** (A) Proportional Hazard Model of OS data; (B) Proportional Hazard Model of PFS data.