### Effect of postmastectomy radiotherapy on triple-negative breast cancer with T1-2 and 1-3 positive axillary lymph nodes: a population-based study using the SEER 18 database

#### SUPPLEMENTARY MATERIALS

**Supplementary Table 1: Univariate Cox proportional hazard model for the outcome-related factors**

| Variable                  | OS          | BCSS         |
|---------------------------|-------------|--------------|
|                           | HR  | 95%CI         | P   | HR  | 95%CI         | P   |
| **Age (years)**           |     |               |     |     |               |     |
| ≥50                       | 1   |               |     | 1   |               |     |
| <50                       | 0.822 | 0.585-1.155  | 0.259 | 0.818 | 0.567-1.182  | 0.285 |
| **Race**                  |     |               |     |     |               |     |
| White                     | 1   |               |     | 1   |               |     |
| Black                     | 1.226 | 0.823-1.824  | 0.316 | 1.216 | 0.789-1.874  | 0.376 |
| Other*                    | 0.578 | 0.253-1.316  | 0.191 | 0.681 | 0.297-1.557  | 0.362 |
| **Marital status**        |     |               |     |     |               |     |
| Married                   | 1   |               |     | 1   |               |     |
| Not marriedb              | 1.559 | 1.117-2.174  | **0.009** | 1.484 | 1.035-2.127  | **0.032** |
| **Grade**                 |     |               |     |     |               |     |
| III                       | 1   |               |     | 1   |               |     |
| I/II                      | 1.077 | 0.640-1.814  | 0.779 | 1.108 | 0.634-1.936  | 0.718 |
| **Stage T**               |     |               |     |     |               |     |
| T2                        | 1   |               |     | 1   |               |     |
| T1                        | 0.617 | 0.416-0.917  | **0.017** | 0.548 | 0.353-0.852  | **0.008** |
| **Number of lymph node**  |     |               |     |     |               |     |
| 1                         | 1   |               |     | 1   |               |     |
| 2                         | 1.095 | 0.750-1.598  | 0.639 | 1.040 | 0.691-1.565  | 0.851 |
| 3                         | 1.138 | 0.725-1.787  | 0.575 | 1.037 | 0.632-1.704  | 0.884 |
| **Chemotherapy**          |     |               |     |     |               |     |
| Yes                       | 1   |               |     | 1   |               |     |
| No                        | 1.136 | 0.707-1.825  | 0.597 | 0.902 | 0.516-1.575  | 0.717 |
| **Radiotherapy**          |     |               |     |     |               |     |
| No                        | 1   |               |     | 1   |               |     |
| Yes                       | 0.692 | 0.491-0.974  | **0.035** | 0.707 | 0.489-1.022  | 0.066 |

**Abbreviation:** CI, confidence interval.

* Other includes American Indian/Alaskan native, and Asian/Pacific Islander.

b Not married includes divorced, separated, single (never married), unmarried or domestic partner and widowed.

c P value was calculated by a univariate Cox proportional hazard regression model including all factors, and a bold type indicates significance.