### Supplementary Table 1. Occupation of working cancer survivors and cancer-free workers according to sex, JPHC-NEXT Study, 2011 – 2016, Japan

| Characteristic                             | Men (n = 28,311) | Women (n = 26,068) |
|-------------------------------------------|------------------|-------------------|
|                                           | Working cancer    | Cancer-free workers |
|                                           | survivors (n = 977) | workers (n = 27,334) | p-value | Working cancer survivors (n = 1,267) | Cancer-free workers (n = 24,801) | p-value |
| Professional/technical work               | 203 (20.8)*      | 6,619 (24.2)      | <0.001   | 316 (24.9)     | 6,117 (24.7)     | 0.481   |
| Administrative work                       | 145 (14.8)       | 3,762 (13.8)      |          | 43 (3.4)       | 699 (2.8)        |         |
| Clerk                                     | 69 (7.1)         | 2,057 (7.5)       |          | 206 (16.3)     | 4,590 (18.5)     |         |
| Sales                                     | 53 (5.4)         | 1,537 (5.6)       |          | 106 (8.4)      | 1,794 (7.2)      |         |
| Service                                   | 99 (10.1)        | 2,975 (10.9)      |          | 263 (20.8)     | 4,887 (19.7)     |         |
| Security                                  | 17 (1.7)         | 354 (1.3)         |          | 1 (0.1)        | 11 (0.0)         |         |
| Agriculture/fishery                       | 189 (19.3)***    | 3,685 (13.5)      |          | 130 (10.3)     | 2,490 (10.0)     |         |
| Transportation or telecommunications      | 56 (5.7)         | 1,594 (5.8)       |          | 6 (0.5)        | 153 (0.6)        |         |
| Industrial operation/management           | 109 (11.2)       | 3,611 (13.2)      |          | 143 (11.3)     | 2,956 (11.9)     |         |
| Others                                    | 32 (3.3)         | 882 (3.2)         |          | 47 (3.7)       | 934 (3.8)        |         |
| Dedicated to two or more occupations      | 5 (0.5)          | 258 (0.9)         |          | 6 (0.5)        | 170 (0.7)        |         |

Figures are presented as the number and proportion (%).

* and *** indicate p-values of less than 0.05 and 0.001, respectively, by residual analysis.