Supplemental material for “Labor-force participation and working patterns among women and men who have survived cancer: A descriptive 9-year longitudinal cohort study” by Birgit Brusletto, Roy A. Nielsen, Harald Engan, Line Oldervoll, Camilla M. Ihlebæk, Nina Helen Mjøsund and Steffen Torp in Scandinavian Journal of Public Health; Table 2-4.

### Table 2. Annual labor-force participation rate (%) among Norwegians aged 30-50, alive in 2015, who were employed when diagnosed with cancer in 2004/2005 (n = 2629) and a comparison with a control group matched on gender, employment, age, and education level (n = 5258).

| Year | Female PSC n = 1,675 | Female Controls n = 3,350 | Males PSC n = 954 | Males Controls n = 1,908 | Female PSC versus female controls | Male PSC versus male controls | Female PSC versus male PSC | Female controls versus male controls |
|------|----------------------|--------------------------|------------------|--------------------------|----------------------------------|-----------------------------|-----------------------------|----------------------------------|
| T0   | 100                  | 100                      | 100              | 100                      | 1                                | 1                           | 1                           | 1                                |
| T1   | 92.1                 | [90.8, 93.4)             | 94.4             | [93.6, 95.1)             | 94.5                             | 95.5                        | [94.6, 96.5)                 | 0.002                            |
|      | 90.8                 | [88.9, 92.6)             | 93.2             | [92.1, 94.4)             | **<0.001**                       | 0.019                       | 0.004                       | 0.119                            |
| T2   | 84.7                 | [84.1, 87.4)             | 90.8             | [89.8, 91.5)             | 90.3                             | **<0.001**                  | 0.098                       | 0.001                            |
|      | 84.4                 | [84.0, 88.1)             | 87.2             | [86.9, 91.6)             | **<0.001**                       | 0.039                       | 0.347                       | 0.105                            |
| T3   | 86.3                 | [84.7, 88.0)             | 89.6             | [88.5, 90.6)             | 89.4                             | **0.001**                   | 0.256                       | 0.237                            |
|      | 87.9                 | [86.2, 89.5)             | 87.9             | [86.8, 89.9)             | **<0.001**                       | 0.652                       | 0.250                       | 0.203                            |
| T4   | 85.2                 | [83.7, 87.0)             | 86.1             | [83.6, 88.3)             | 85.8                             | **<0.001**                  | 0.573                       | 0.571                            |
|      | 84.7                 | [82.9, 86.4)             | 84.0             | [82.5, 87.1)             | **<0.001**                       | 0.181                       | 0.409                       | 0.661                            |
| T5   | 83.9                 | [82.2, 85.7)             | 84.8             | [82.6, 88.4)             | **<0.001**                       | 0.053                       | 0.569                       | 0.252                            |

Change* Diff. | Diff. | Diff. | Diff. | Diff. |
|---------------|-------|-------|-------|-------|
| T0-10.1       | 11.0  | 11.0  | 11.0  | 11.0  |
| T1-12.3       | 12.0  | 12.0  | 12.0  | 12.0  |
| T2-15.2       | 15.1  | 15.1  | 15.1  | 15.1  |
| T3-12.7       | 12.6  | 12.6  | 12.6  | 12.6  |

*Comparison start/end of follow-up (T0-T5), paired t-test
**p<0.05,
***p<0.05,
****p<0.001

### Table 3. Annual labor-force participation rate (%) from 2004/2005 to 2013/2014 among persons who survived cancer and worked 30 hours or more per week (n=2629-2216) and a control group accordingly, matched on gender, employment, age, and education (n=5258-4604).

| Year | Female PSC n = 1,675 | Female Controls n = 3,350 | Male PSC n = 954 | Male Controls n = 1,908 | Female PSC versus female controls | Male PSC versus male controls | Female PSC versus male PSC | Female controls versus male controls |
|------|----------------------|--------------------------|------------------|--------------------------|----------------------------------|-----------------------------|-----------------------------|----------------------------------|
| T0   | 100                  | 100                      | 100              | 100                      | 1                                | 1                           | 1                           | 1                                |
| T1   | 88.3                 | [86.9, 89.7)             | 92.4             | [91.8, 93.1)             | 92.7                             | **<0.001**                  | 0.016                       | 0.001                            |
|      | 92.4                 | [91.9, 93.6)             | 92.9             | [92.2, 94.6)             | **<0.001**                       | 0.031                       | 0.002                       | 0.002                            |
| T2   | 93.7                 | [92.1, 95.3)             | 93.7             | [92.1, 95.4)             | **<0.001**                       | 0.001                       | 0.002                       | 0.002                            |
|      | 93.2                 | [92.5, 94.9)             | 93.5             | [92.1, 95.4)             | **<0.001**                       | 0.012                       | 0.002                       | 0.002                            |
| T3   | 95.1                 | [93.6, 96.7)             | 94.2             | [93.5, 95.4)             | **<0.001**                       | 0.013                       | 0.002                       | 0.002                            |
|      | 95.0                 | [94.2, 96.7)             | 95.0             | [93.9, 95.2)             | **<0.001**                       | 0.021                       | 0.002                       | 0.002                            |
| T4   | 96.8                 | [95.4, 98.1)             | 95.3             | [93.9, 95.2)             | **<0.001**                       | 0.010                       | 0.002                       | 0.002                            |
|      | 95.6                 | [95.0, 96.9)             | 95.6             | [95.0, 96.9)             | **<0.001**                       | 0.007                       | 0.002                       | 0.002                            |
| T5   | 96.8                 | [96.3, 97.2)             | 96.2             | [95.4, 96.7)             | **<0.001**                       | 0.008                       | 0.002                       | 0.002                            |
|      | 95.6                 | [95.0, 96.7)             | 95.6             | [95.0, 96.7)             | **<0.001**                       | 0.003                       | 0.002                       | 0.002                            |
| T6   | 96.1                 | [97.2, 96.0)             | 94.5             | [94.2, 96.2)             | **<0.001**                       | 0.009                       | 0.002                       | 0.002                            |

Change* Diff. | Diff. | Diff. | Diff. | Diff. |
|---------------|-------|-------|-------|-------|
| T0-10.2       | 10.1  | 10.1  | 10.1  | 10.1  |
| T1-15.5       | 15.4  | 15.4  | 15.4  | 15.4  |
| T2-10.6       | 10.5  | 10.5  | 10.5  | 10.5  |

*Comparison start/end of follow-up (T0-T6), paired t-test, n=T0
**p<0.05,
***p<0.05,
****p<0.001
Table 4. Annual labor-force participation rate (%) from 2004/2005 to 2013/2014 among persons who survived cancer and worked less than 20 hours a week (n=2629-2216) and a control group accordingly, matched on gender, employment, age, and education level (n=5258-4604).

| Year | Female PSC n=1,675-1,405 | Female Controls n=3,350-2,938 | Male PSC n=954-809 | Male Controls n=1,908-1,666 | Female PSC versus female controls | Male PSC versus male controls | Female PSC versus male PSC | Female controls versus male controls |
|------|--------------------------|-------------------------------|---------------------|-----------------------------|----------------------------------|-------------------------------|------------------------------|-------------------------------------|
|      | N | 95% Confidence intervals | N | 95% Confidence intervals | N | 95% Confidence intervals | P-value | P-value | P-value | P-value |
| T0   | 14.1 | [12.4, 15.8] | 13.0 | [11.8, 14.1] | 3.7 | [2.5, 4.9] | 3.6 | [2.8, 4.5] | 0.278 | 0.944 | <0.001 | <0.001 |
| T1   | 14.5 | [12.7, 16.2] | 12.0 | [10.9, 13.1] | 9.8 | [2.6, 5.1] | 3.4 | [2.3, 3.9] | 0.016 | 0.269 | <0.001 | <0.001 |
| T2   | 13.8 | [11.9, 15.7] | 10.5 | [9.5, 11.6] | 4.8 | [3.4, 6.3] | 2.3 | [1.6, 3.1] | 0.003 | <0.001 | <0.001 | <0.001 |
| T3   | 12.4 | [10.7, 14.1] | 10.0 | [9.0, 11.1] | 4.5 | [3.1, 5.9] | 2.3 | [1.6, 3.1] | 0.017 | 0.002 | <0.001 | <0.001 |
| T4   | 13.5 | [11.8, 15.3] | 9.6 | [8.5, 10.6] | 4.5 | [3.1, 6.0] | 1.7 | [1.1, 2.4] | <0.001 | <0.001 | <0.001 | <0.001 |
| T5   | 13.9 | [12.1, 15.7] | 9.4 | [8.4, 10.4] | 4.6 | [3.2, 6.1] | 2.6 | [1.8, 3.3] | <0.002 | 0.006 | <0.001 | <0.001 |
| T6   | 14.6 | [12.8, 16.4] | 8.7 | [7.7, 9.7] | 4.4 | [3.0, 5.8] | 2.3 | [1.6, 3.1] | <0.002 | 0.004 | <0.001 | <0.001 |
| T7   | 14.9 | [13.1, 16.8] | 9.6 | [8.0, 10.1] | 4.3 | [2.9, 5.6] | 2.0 | [1.3, 2.7] | <0.001 | 0.001 | <0.001 | <0.001 |
| T8   | 15.5 | [13.6, 17.4] | 8.5 | [7.5, 9.5] | 4.4 | [3.0, 5.8] | 2.4 | [1.7, 3.1] | <0.001 | 0.006 | <0.001 | <0.001 |
| T9   | 16.1 | [14.2, 18.1] | 8.6 | [7.6, 9.6] | 4.7 | [3.2, 6.2] | 2.3 | [1.7, 3.1] | <0.002 | 0.003 | <0.002 | <0.002 |

Change* | DIFF | DIFF | DIFF | DIFF |
|---------|------|------|------|------|
| T0=T1   | 0.5  | [1.6, 2.6] | **   | **   |

*Comparison start/end of follow-up (T0-T1), paired t-test, n=T0.
**p<0.05,
***p<0.005
****p<0.001