# Supplementary Information

# Use of sentinel lymph node biopsy in elderly patients with breast cancer – 10-year experience from a Swiss university hospital

Martin Heidinger†\* 1,2, Nadia Maggi\* 1,2, Gilles Dutilh 3, Madleina Mueller 1, Ruth S. Eller 1, Julie M. Loesch 1, Fabienne D. Schwab 1,2, Christian Kurzeder 1, Walter P. Weber 1,2

1 Breast Center, University Hospital Basel, Basel, Switzerland

2 University of Basel, Basel, Switzerland

3 Department of Clinical Research, University Hospital Basel, Basel, Switzerland

\* shared first co-authorship – contributed equally

† corresponding author

 Dr. Martin Heidinger

 martin.heidinger@usb.ch

 Brustchirurgie, Universitätsspital Basel

 Spitalstrasse 21, 4031 Basel

**Supplement Table 1**. Comparison of potential influence factors on axillary surgery in patients ≥70 years, with cT1, cN0, hormone receptor positive, human epidermal growth factor receptor 2 negative breast cancer before and after publication of *Choosing Wisely* recommendations

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Until August 2016(n=24) | As of August 2016(n=55) | p-value | % missing data |
| **Neoadjuvant therapy** | 0.0% | 1.8% | 1.0 | 4.8% |
| **Tumor grade** | 9.6% |
| Grade 1 | 26.1% | 23.1% | 0.39 |  |
| Grade 2 | 56.5% | 69.2% |  |  |
| Grade 3 | 17.4% | 7.7% |  |  |
| **Type of breast surgery** | 4.8% |
| Breast conserving surgery | 87.5% | 70.9% | 0.19 |  |
| Mastectomy | 12.5% | 29.1% |  |  |