Supplementary Figure 1. Kaplan-Meier curves calculated with the log-rank test to compare survival superiority between the two groups, <40 (blue) and >60 (green).
Supplementary Figure 2: Kaplan-Meier curves calculated with the log-rank test to compare survival superiority between the groups: age <40 (blue), and 40-60 (red).
Supple Table 1. Events included in Invasive disease-free survival, distant disease-free survival, and overall survival16

| End point          | Invasive ipsilateral breast tumor recurrence | Local/regional invasive recurrence | Distant recurrence | Death from breast cancer | Death from nonbreast cancer cause | Death from unknown cause | Invasive contralateral breast cancer | Second primary invasive cancer (nonbreast) |
|--------------------|--------------------------------------------|------------------------------------|-------------------|--------------------------|-----------------------------------|-------------------------|--------------------------------------|------------------------------------------|
| OS                 | O                                          | O                                  | O                 | O                        | O                                 | O                       | O                                    | O                                        |
| DDFS               | O                                          | O                                  | O                 | O                        | O                                 | O                       | O                                    | O                                        |
| IDFS               | O                                          | O                                  | O                 | O                        | O                                 | O                       | O                                    | O                                        |
| RFI                | O                                          | O                                  | O                 | O                        | O                                 | O                       | O                                    | O                                        |
| DRFI               | O                                          | O                                  | O                 | O                        | O                                 | O                       | O                                    | O                                        |

OS, overall survival
DDFS, distant disease free survival
IDFS, invasive disease free survival
RFI, recurrence-free interval
DRFI, distant recurrence-free interval