

**Table 1.** Study sample of older breast cancer patients and matched controls

|                                |                         | All participants | Control      | Breast cancer patients (Case) | <i>p</i> -Value <sup>1</sup> |
|--------------------------------|-------------------------|------------------|--------------|-------------------------------|------------------------------|
| Number of participants         |                         | 741 (100%)       | 370 (50%)    | 371 (50%)                     |                              |
| Age group <sup>2</sup>         | 60–64                   | 262 (35.4)       | 147 (39.7)   | 115 (31.0)                    | .04                          |
|                                | 65–69                   | 234 (31.6)       | 112 (30.3)   | 122 (32.9)                    |                              |
|                                | 70+                     | 245 (33.1)       | 111 (30.0)   | 134 (36.1)                    |                              |
| Age <sup>2</sup>               | Mean ( <i>SD</i> )      | 68.0 (6.5)       | 67.9 (7.0)   | 68.0 (6.0)                    | .72                          |
|                                | Range                   | (60–98)          | (60–91)      | (60–98)                       |                              |
| Education (years) <sup>2</sup> | Mean ( <i>SD</i> )      | 15.7 (2.4)       | 15.7 (2.4)   | 15.6 (2.4)                    | .59                          |
|                                | Range                   | (6–20)           | (6–20)       | (9–20)                        |                              |
| Education <sup>2</sup>         | HS grad or Less         | 102 (13.8)       | 43 (11.6)    | 59 (15.9)                     | .09                          |
|                                | Some college+           | 639 (86.2)       | 327 (88.4)   | 312 (84.1)                    |                              |
| WRAT 4 Standardized Score      | Mean ( <i>SD</i> )      | 111.3 (15.8)     | 111.7 (16.1) | 111.0 (15.4)                  | .56                          |
|                                | Range                   | (64–145)         | (74–145)     | (64–145)                      |                              |
| MMSE <sup>3</sup>              | Mean ( <i>SD</i> )      | 29.3 (1.1)       | 29.4 (1.0)   | 29.2 (1.2)                    | N/A                          |
|                                | Range                   | (24–30)          | (24–30)      | (24–30)                       |                              |
| Race (white vs. non-white)     | Other                   | 144 (19.6)       | 74 (20.1)    | 70 (19.0)                     | .71                          |
|                                | White, non-Hispanic     | 592 (80.4)       | 294 (79.9)   | 298 (81.0)                    |                              |
| Hispanic or Latino             | No                      | 684 (92.6)       | 339 (92.1)   | 345 (93.0)                    | .65                          |
|                                | Yes                     | 55 (7.4)         | 29 (7.9)     | 26 (7.0)                      |                              |
| Surgery type                   | BCS                     |                  |              | 197 (55.2)                    |                              |
|                                | Mastectomy              |                  |              | 156 (43.7)                    |                              |
|                                | No surgery              |                  |              | 4 (1.1)                       |                              |
| Stage                          | 0 or 1                  |                  |              | 240 (67.4)                    |                              |
|                                | 2 or 3                  |                  |              | 116 (32.6)                    |                              |
| Treatment type                 | Chemo ( $\pm$ Hormonal) |                  |              | 97 (28.0)                     |                              |
|                                | Hormonal only           |                  |              | 249 (72.0)                    |                              |

<sup>1</sup>*p*-Values are from chi-square or *T*-tests.<sup>2</sup>Mean age and education are comparable. Age and education groups are presented since these were the strata used for age- and education-stratified reference values. Cases and controls vary somewhat when data are grouped into these categories.<sup>3</sup>The MMSE was used only as an eligibility screening tool. Participants with scores <24 were not eligible for the study, hence the score range is truncated.