**S1 Table.** Comparison of clinical characteristics between cataract patients with and without breast cancer in the sensitivity analysis

|                  | Before matching       | After matching       |
|------------------|-----------------------|----------------------|
|                  | Patients with breast  | Patients without breast cancer, n=7,020 (%) | p-value | Patients with breast cancer, n=271 (%) | Patients without breast cancer, n=271 (%) | p-value |
|                  | cancer, n=271 (%)     |                      |         |                                        |                                        |         |
| Dementia         |                        |                      | < 0.001 |                                        |                                        |         |
| No               | 247 (91.1)            | 3,113 (44.3)         |         | 247 (91.1)                             | 161 (59.4)                            |         |
| Yes              | 24 (8.9)              | 3,907 (55.7)         | 0.070   | 24 (8.9)                               | 110 (40.6)                            | 0.789   |
| Diabetes         |                        |                      | 0.058   |                                        |                                        | 0.862   |
| No               | 171 (63.1)            | 4,797 (68.3)         |         | 171 (63.1)                             | 174 (64.2)                            |         |
| Yes              | 100 (36.9)            | 2,223 (31.7)         |         | 100 (36.9)                             | 97 (35.8)                             |         |
| Hypertension     |                        |                      | 0.131   |                                        |                                        | 0.855   |
| No               | 112 (41.3)            | 2,506 (35.7)         |         | 112 (41.3)                             | 114 (42.1)                            |         |
| Yes              | 159 (58.7)            | 4,514 (64.3)         |         | 159 (58.7)                             | 157 (57.9)                            |         |
| Hyperlipidemia   |                        |                      | 0.679   |                                        |                                        | > 0.999 |
| No               | 182 (67.2)            | 5,012 (71.4)         |         | 182 (67.2)                             | 180 (66.4)                            |         |
| Yes              | 89 (32.8)             | 2,008 (28.6)         |         | 89 (32.8)                              | 91 (33.6)                             |         |
| COPD             |                        |                      | 0.119   |                                        |                                        | > 0.999 |
| No               | 254 (93.7)            | 6,534 (93.1)         |         | 254 (93.7)                             | 254 (93.7)                            |         |
| Yes              | 17 (6.3)              | 486 (6.9)            |         | 17 (6.3)                               | 17 (6.3)                              |         |
| CKD              |                        |                      | 0.407   |                                        |                                        | > 0.999 |
| No               | 271 (100)             | 6,943 (98.9)         |         | 271 (100)                              | 271 (100)                             |         |
| Yes              | 0                    | 77 (1.1)             |         | 0                                      | 0                                     |         |
| LC               |                        |                      | 0.720   |                                        |                                        | 0.857   |
| No               | 271 (100)             | 6,978 (99.4)         |         | 271 (100)                              | 271 (100)                             |         |
| Yes              | 0                    | 42 (0.6)             |         | 0                                      | 0                                     |         |
| Heart failure    |                        |                      | < 0.001 |                                        |                                        |         |
| No               | 254 (93.7)            | 6,616 (94.3)         |         | 254 (93.7)                             | 255 (94.1)                            |         |
| Yes              | 17 (6.3)              | 404 (5.7)            |         | 17 (6.3)                               | 16 (5.9)                              |         |
| Age (mean±SD)    | 67.78±9.01            | 73.26±7.80           | < 0.001 | 67.78±9.00                             | 67.74±8.97                            | 0.962   |

CKD, chronic kidney disease; COPD, chronic obstruction pulmonary disease; LC, liver cirrhosis; SD, standard deviation.