**Supplementary file**

Tables 1 and 2 present descriptive statistics of the study measures.

**Table 1.** Breast compression values displayed on the mammography unit; data presented by each radiographer, projection and time points T1 and T2.

| Projection | Radiographer A | Radiographer B |
|------------|----------------|----------------|
|            | Mean ± SD      | Mean ± SD      |
|            | T1             | T2             |
|            | T1             | T2             |
| Applied force (daN) |               |               |
| CC         | 10 ± 1         | 10 ± 1         |
| MLO        | 11 ± 1         | 10 ± 1         |
| CC         | 10 ± 1         | 10 ± 1         |
| MLO        | 11 ± 1         | 10 ± 1         |
| Compressed breast thickness (mm) |          |               |
| CC         | 54 ± 14        | 52 ± 13        |
| MLO        | 56 ± 15        | 56 ± 15        |
| CC         | 54 ± 16        | 51 ± 12        |
| MLO        | 58 ± 16        | 56 ± 14        |

Values are presented as mean ± SD.
CC, craniocaudal; MLO, mediolateral oblique; SD, standard deviation; T1, time point 1; T2, time point 2; daN, decanewton; mm, millimetre.

**Table 2.** Breast compression values extracted from the pressure sensor; data presented by each radiographer, projection and time points T1 and T2.

| Projection | Radiographer A | Radiographer B |
|------------|----------------|----------------|
|            | Mean ± SD      | Mean ± SD      |
|            | T1             | T2             |
|            | T1             | T2             |
| Force in field of view (daN) |               |               |
| CC         | 2.9 ± 1.5      | 3.1 ± 1.8      |
| MLO        | 2.7 ± 1.1      | 3.0 ± 1.3      |
| CC         | 2.9 ± 1.4      | 3.3 ± 1.1      |
| MLO        | 3.1 ± 1.5      | 3.5 ± 0.9      |
| Contact area (cm²) |            |               |
| CC         | 61.3 ± 31.5    | 68.0 ± 37.5    |
| MLO        | 84.8 ± 29.5    | 85.4 ± 36.9    |
| CC         | 66.9 ± 38.7    | 92.9 ± 31.0    |
| MLO        | 95.5 ± 32.3    |               |
| Mean pressure (kPa) |           |               |
| CC         | 5.2 ± 2.1      | 4.8 ± 1.9      |
| MLO        | 3.3 ± 1.2      | 3.7 ± 1.9      |
| CC         | 5.0 ± 2.5      | 3.7 ± 0.8      |
| MLO        | 3.9 ± 1.0      |               |
| Anterio-posterior center of mass (cm) |      |               |
| CC         | 36.6 ± 1.2     | 36.6 ± 1.5     |
| MLO        | 36.7 ± 1.1     | 36.3 ± 1.4     |
| CC         | 36.5 ± 1.4     | 36.2 ± 1.4     |
| MLO        | 36.6 ± 1.3     | 36.2 ± 1.5     |
| Medio-lateral center of mass (cm) |            |               |
| CC         | 16.8 ± 1.7     | 14.9 ± 0.8     |
| MLO        | 12.6 ± 3.5     | 14.1 ± 3.2     |
| CC         | 15.8 ± 1.2     | 13.2 ± 1.8     |
| MLO        | 16.2 ± 1.0     | 13.0 ± 2.3     |

Values are presented as mean ± SD.
CC, craniocaudal; MLO, mediolateral oblique; SD, standard deviation; T1, time point 1; T2, time point 2; daN, decanewton; cm, centimetre; kPa, kilopascal.