**Supplementary File 1. Participants who completed the study compared to non-completers**

|  |  |  |
| --- | --- | --- |
|  | **COMPLETE** | **NON COMPLETE** |
| **Characteristic** | **n** | **%** | **n** | **%** |
| **Total** | **98** |  | **18** |  |
| Age mean (range) | 41.8  | (19-73) | 42.6 (19-69) |
| Gender |  |  |  |  |
|  Male  | 31  | (31.6) | 5 | (27.8) |
|  Female | 67  | (68.4) | 13 |  (72.2) |
| Educational attainment |  |  |  |  |
|  Completed junior high school | 0 |  | 1 | (5.6) |
|  Completed senior high school | 9  | (9.2) | 3 | (16.7) |
|  Trade or technical certificate | 16  | (16.3) | 4 | (22.2) |
|  University degree/ diploma | 73  | (74.5) | 10 | (55.6) |
| Work |  |  |  |  |
|  Full-time (including self-employed)  | 61  | (62.2) | 10 | (55.6) |
|  Part-time or casual  | 20  | (20.4) | 4 | (22.2) |
|  Student | 9  | (9.2) | 2 | (11.1) |
|  Retired, full-time home duties/home carer or unemployed | 8  | (8.2) | 1 | (5.6) |
| Marital status |  |  |  |  |
|  Married or living together  | 76  | (77.6) | 13 | (72.2) |
|  Divorced or separated | 7  | (7.1) | 1 | (5.6) |
|  Single/never married | 15 | (15.3) | 4 | (22.2) |
| Previous skin cancer excised |  |  |  |  |
|  Yes | 60  | (61.2) | 11 | (61.1) |
|  No or unsure | 38  | (38.8) | 7 | (38.9) |
| Skin type |  |  |  |  |
|  Very fair | 34  | (34.7) | 5 | (27.8) |
|  Fair | 53  | (54.1) | 10 | (55.6) |
|  Medium | 10  | (10.2) | 2 | (11.1) |
|  Dark | 1  | (1.0) | 1 | (5.6) |
| Number moles |  |  |  |  |
|  None or a few (0-20) | 31  | (31.6) | 8 | (44.4) |
|  Some (20-50) | 39  | (39.8) | 6 | (33.3) |
|  Many (more than 50) | 28  | (28.6) | 4 | (22.2) |
| Eye colour |  |  |  |  |
|  Blue/Grey | 52  | (53.1) | 12  | (66.7) |
|  Green | 28  | (28.6) | 2 | (11.1) |
|  Hazel/ Brown | 18  | (18.4) | 4 | (22.2) |

**Supplementary File 2. Consumer acceptance of mobile teledermoscopy-enhanced SSE**

Abbreviations: MTD=mobile teledermoscopy; SSE=skin self-examination

**Supplementary File 3. Linear Regression TAM change score**

|  |  |  |  |
| --- | --- | --- | --- |
| **Characteristic** | **Mean change score (SE)** | **β (95% CI)** | **P value** |
| **Total** |  |  |  |
| Gender |  |  |  |
|  Males | -0.28 (0.08) | ref |  |
|  Females | -0.17 (0.05) | -0.11 (-0.30 – 0.08) | .24 |
| Educational attainment |  |  |  |
|  University degree/ diploma  | -0.21 (0.05) | ref |  |
|  Trade or technical certificate | -0.22 (0.11) | 0.08 (-0.29 – 0.45) | .68 |
|  Completed senior high school | -0.14 (0.12) | 0.07 (-0.25 – 0.38) | .67 |
| Work |  |  |  |
|  Full-time (including self-employed)  | -0.19 (0.45) | ref |  |
|  Part-time or casual  | -0.22 (0.11) | -0.14 (-0.49 – 0.22) | .45 |
|  Student | -0.11 (0.13) | 0.01 (-0.25 – 0.25) | .97 |
| Retired, full-time home duties/home carer or unemployed | -0.37 (0.13) | 0.21 (-0.13 – 0.54) | .22 |
| Marital status |  |  |  |
|  Married or living together  | -0.21 (0.05) | ref |  |
|  Divorced or separated | -0.12 (0.17) | -0.09 (-0.44 – 0.25) | .59 |
|  Single/never married | -0.20 (0.09) | -0.01 (-0.26 – 0.24) | .92 |
| Previous skin spot, mole, or other spot/s removed or treated? |  |  |  |
|  Yes | -0.16 (0.06) | ref |  |
|  No  | -0.28 (0.07) | 0.12 (-0.06 – 0.31) | .19 |
| Skin type |  |  |  |
|  Very fair | -0.25 (0.07) | ref |  |
|  Fair | -0.18 (0.06) | -0.07 (-0.26 – 0.13) | .50 |
|  Medium or Dark Skin | -0.18 (0.15) | -0.07 (-0.37 – 0.24) | .66 |
| Number moles |  |  |  |
|  Many (more than 50)  | -0.27 (0.10) | ref |  |
|  Some (20-50) | -0.14 (0.06) | -0.12 (-0.34 – 0.10) | .27 |
|  None or a few (0-20) | -0.25 (0.08) | -0.03 (-0.27 – 0.19) | .76 |
| Eye colour |  |  |  |
|  Blue/Grey | -0.23 (0.06) | ref |  |
|  Green/Hazel | -0.15 (0.08) | -0.09 (-0.29 – 0.12) | .40 |
|  Brown/Black | -0.22 (0.13) | -0.02 (-0.26 – 0.23) | .90 |