Table 1. Descriptive statistics.

|  | Australie (N=4822) | Europe (N=4071) |
| --- | --- | --- |
| **SN status** |  |  |
| Negative | 3931 (81.5%) | 3182 (78.2%) |
| Positive | 891 (18.5%) | 889 (21.8%) |
| **Sex** |  |  |
| female | 1965 (40.8%) | 2075 (51.0%) |
| male | 2857 (59.2%) | 1996 (49.0%) |
| **Age** |  |  |
| Mean (SD) | 56.6 (15.5) | 54.2 (15.1) |
| Median (Q1, Q3) | 58.0 (46.0, 68.0) | 55.0 (43.0, 66.0) |
| Min - Max | 5.0 - 94.0 | 13.0 - 94.0 |
| Missing | 0 | 0 |
| **arsenal::includeNA(Ulceration)** |  |  |
| No | 3245 (67.3%) | 2759 (67.8%) |
| Yes | 1298 (26.9%) | 1171 (28.8%) |
| (Missing) | 279 (5.8%) | 141 (3.5%) |
| **arsenal::includeNA(Loc\_CAT)** |  |  |
| arm | 893 (18.5%) | 615 (15.1%) |
| leg | 1238 (25.7%) | 1189 (29.2%) |
| trunk | 1855 (38.5%) | 1815 (44.6%) |
| head & neck | 836 (17.3%) | 314 (7.7%) |
| (Missing) | 0 (0.0%) | 138 (3.4%) |
| **arsenal::includeNA(Histology)** |  |  |
| SSM | 1982 (41.1%) | 2164 (53.2%) |
| NM | 1562 (32.4%) | 1226 (30.1%) |
| ALM | 89 (1.8%) | 126 (3.1%) |
| other | 561 (11.6%) | 202 (5.0%) |
| (Missing) | 628 (13.0%) | 353 (8.7%) |
| **Breslow** |  |  |
| Mean (SD) | 2.7 (2.4) | 2.8 (3.3) |
| Median (Q1, Q3) | 2.0 (1.3, 3.2) | 2.0 (1.2, 3.5) |
| Min - Max | 0.6 - 47.0 | 0.1 - 90.0 |
| Missing | 0 | 59 |
| **Multiple fields** |  |  |
| Other | 3609 (74.8%) | 3697 (90.8%) |
| Multiple SN fields | 1213 (25.2%) | 374 (9.2%) |
| **arsenal::includeNA(Mitosis)** |  |  |
| No | 375 (7.8%) | 41 (1.0%) |
| Yes | 4241 (88.0%) | 135 (3.3%) |
| (Missing) | 206 (4.3%) | 3895 (95.7%) |
| **Recurrence** |  |  |
| no recurrence | 3528 (73.2%) | 3209 (78.8%) |
| recurred | 1294 (26.8%) | 862 (21.2%) |
| **Deaths** |  |  |
| No | 3657 (75.8%) | 3465 (85.1%) |
| Yes | 1165 (24.2%) | 606 (14.9%) |
| **Melanoma specific mortality** |  |  |
| Other | 4057 (84.1%) | 3567 (87.6%) |
| Death by melanoma | 765 (15.9%) | 504 (12.4%) |
| **logRec.time** |  |  |
| Mean (SD) | 1.0 (1.1) | 0.9 (1.4) |
| Median (Q1, Q3) | 1.2 (0.3, 1.8) | 1.2 (0.3, 1.9) |
| Min - Max | -4.0 - 3.1 | -5.9 - 2.9 |
| Missing | 0 | 45 |
| **logFU.time** |  |  |
| Mean (SD) | 1.2 (1.1) | 1.1 (1.3) |
| Median (Q1, Q3) | 1.4 (0.7, 2.0) | 1.4 (0.6, 1.9) |
| Min - Max | -2.5 - 3.1 | -5.9 - 2.9 |
| Missing | 0 | 0 |

|  | Total (N=7113) | Australie (N=3931) | Europe (N=3182) |
| --- | --- | --- | --- |
| **Total number of negative SN** |  |  |  |
| Mean (SD) | 2.3 (1.6) | 2.7 (1.6) | 1.9 (1.3) |
| Median (Q1, Q3) | 2.0 (1.0, 3.0) | 2.0 (1.0, 3.0) | 1.0 (1.0, 2.0) |
| Min - Max | 1.0 - 17.0 | 1.0 - 17.0 | 1.0 - 15.0 |
| Missing | 141 | 0 | 141 |

|  | Total (N=1780) | Australie (N=891) | Europe (N=889) |
| --- | --- | --- | --- |
| **Total number of positive SN** |  |  |  |
| Mean (SD) | 1.3 (0.6) | 1.3 (0.6) | 1.3 (0.6) |
| Median (Q1, Q3) | 1.0 (1.0, 1.0) | 1.0 (1.0, 1.0) | 1.0 (1.0, 1.0) |
| Min - Max | 0.0 - 8.0 | 1.0 - 8.0 | 0.0 - 5.0 |
| Missing | 1 | 0 | 1 |
| **SN tumour burden** |  |  |  |
| Mean (SD) | 2.3 (3.2) | 2.4 (3.2) | 2.2 (3.2) |
| Median (Q1, Q3) | 1.1 (0.4, 3.0) | 1.1 (0.5, 3.0) | 1.1 (0.4, 3.0) |
| Min - Max | 0.0 - 38.0 | 0.0 - 23.0 | 0.0 - 38.0 |
| Missing | 454 | 153 | 301 |
| **arsenal::includeNA(Dewar)** |  |  |  |
| subcap | 476 (26.7%) | 339 (38.0%) | 137 (15.4%) |
| combined | 213 (12.0%) | 0 (0.0%) | 213 (24.0%) |
| parenchymal | 86 (4.8%) | 0 (0.0%) | 86 (9.7%) |
| multifocal | 45 (2.5%) | 0 (0.0%) | 45 (5.1%) |
| extensive | 105 (5.9%) | 0 (0.0%) | 105 (11.8%) |
| not subcap | 379 (21.3%) | 379 (42.5%) | 0 (0.0%) |
| (Missing) | 476 (26.7%) | 173 (19.4%) | 303 (34.1%) |