Table 1. Descriptive statistics.

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| --- | --- | --- | --- | --- | --- |
|  | Total (N=4071) | Rotterdam (N=566) | Berlin (N=1343) | Warsaw (N=1179) | Amsterdam (N=983) |
| **SN status** |  |  |  |  |  |
| Negative | 3182 (78.2%) | 396 (70.0%) | 1084 (80.7%) | 955 (81.0%) | 747 (76.0%) |
| Positive | 889 (21.8%) | 170 (30.0%) | 259 (19.3%) | 224 (19.0%) | 236 (24.0%) |
| **Sex** |  |  |  |  |  |
| female | 2075 (51.0%) | 293 (51.8%) | 590 (43.9%) | 706 (59.9%) | 486 (49.4%) |
| male | 1996 (49.0%) | 273 (48.2%) | 753 (56.1%) | 473 (40.1%) | 497 (50.6%) |
| **Age** |  |  |  |  |  |
| Mean (SD) | 54.2 (15.1) | 51.0 (14.3) | 58.8 (15.2) | 51.0 (13.7) | 53.7 (15.2) |
| Median (Q1, Q3) | 55.0 (43.0, 66.0) | 52.0 (40.0, 62.0) | 62.0 (48.0, 71.0) | 51.0 (42.0, 62.0) | 55.0 (43.0, 65.0) |
| Min - Max | 13.0 - 94.0 | 13.0 - 88.0 | 13.0 - 94.0 | 15.0 - 83.0 | 15.0 - 89.0 |
| Missing | 0 | 0 | 0 | 0 | 0 |
| **includeNA(Ulceration)** |  |  |  |  |  |
| No | 2759 (67.8%) | 332 (58.7%) | 1049 (78.1%) | 690 (58.5%) | 688 (70.0%) |
| Yes | 1171 (28.8%) | 166 (29.3%) | 263 (19.6%) | 477 (40.5%) | 265 (27.0%) |
| (Missing) | 141 (3.5%) | 68 (12.0%) | 31 (2.3%) | 12 (1.0%) | 30 (3.1%) |
| **includeNA(Loc\_CAT)** |  |  |  |  |  |
| arm | 615 (15.1%) | 86 (15.2%) | 217 (16.2%) | 184 (15.6%) | 128 (13.0%) |
| leg | 1189 (29.2%) | 218 (38.5%) | 324 (24.1%) | 370 (31.4%) | 277 (28.2%) |
| trunk | 1815 (44.6%) | 242 (42.8%) | 654 (48.7%) | 512 (43.4%) | 407 (41.4%) |
| head & neck | 314 (7.7%) | 20 (3.5%) | 142 (10.6%) | 14 (1.2%) | 138 (14.0%) |
| (Missing) | 138 (3.4%) | 0 (0.0%) | 6 (0.4%) | 99 (8.4%) | 33 (3.4%) |
| **includeNA(Histology)** |  |  |  |  |  |
| SSM | 2164 (53.2%) | 285 (50.4%) | 910 (67.8%) | 371 (31.5%) | 598 (60.8%) |
| NM | 1226 (30.1%) | 195 (34.5%) | 290 (21.6%) | 465 (39.4%) | 276 (28.1%) |
| ALM | 126 (3.1%) | 16 (2.8%) | 54 (4.0%) | 27 (2.3%) | 29 (3.0%) |
| other | 202 (5.0%) | 14 (2.5%) | 46 (3.4%) | 89 (7.5%) | 53 (5.4%) |
| (Missing) | 353 (8.7%) | 56 (9.9%) | 43 (3.2%) | 227 (19.3%) | 27 (2.7%) |
| **Breslow** |  |  |  |  |  |
| Mean (SD) | 2.8 (3.3) | 2.8 (2.3) | 2.3 (2.5) | 3.6 (4.9) | 2.6 (2.0) |
| Median (Q1, Q3) | 2.0 (1.2, 3.5) | 2.1 (1.4, 3.5) | 1.5 (0.9, 3.0) | 2.5 (1.2, 4.0) | 1.9 (1.3, 3.0) |
| Min - Max | 0.1 - 90.0 | 0.3 - 20.0 | 0.1 - 30.0 | 0.1 - 90.0 | 0.5 - 22.0 |
| Missing | 59 | 6 | 16 | 28 | 9 |
| **Multiple fields** |  |  |  |  |  |
| Other | 3697 (90.8%) | 479 (84.6%) | 1302 (96.9%) | 1156 (98.0%) | 760 (77.3%) |
| Multiple SN fields | 374 (9.2%) | 87 (15.4%) | 41 (3.1%) | 23 (2.0%) | 223 (22.7%) |
| **Total number of negative SN** |  |  |  |  |  |
| Mean (SD) | 1.7 (1.4) | 1.6 (1.4) | 1.6 (1.3) | 1.2 (1.0) | 2.2 (1.6) |
| Median (Q1, Q3) | 1.0 (1.0, 2.0) | 1.0 (1.0, 2.0) | 1.0 (1.0, 2.0) | 1.0 (1.0, 1.0) | 2.0 (1.0, 3.0) |
| Min - Max | 0.0 - 15.0 | 0.0 - 10.0 | 0.0 - 13.0 | 0.0 - 9.0 | 0.0 - 15.0 |
| Missing | 162 | 1 | 27 | 134 | 0 |
| **Total number of positive SN** |  |  |  |  |  |
| Mean (SD) | 0.3 (0.6) | 0.4 (0.7) | 0.2 (0.4) | 0.3 (0.6) | 0.3 (0.6) |
| Median (Q1, Q3) | 0.0 (0.0, 0.0) | 0.0 (0.0, 1.0) | 0.0 (0.0, 0.0) | 0.0 (0.0, 0.0) | 0.0 (0.0, 0.0) |
| Min - Max | 0.0 - 5.0 | 0.0 - 4.0 | 0.0 - 2.0 | 0.0 - 5.0 | 0.0 - 4.0 |
| Missing | 1 | 0 | 1 | 0 | 0 |
| **SN tumour burden** |  |  |  |  |  |
| Mean (SD) | 1.2 (1.3) | 1.1 (1.3) | 1.0 (0.5) | 1.4 (2.0) | 1.1 (0.8) |
| Median (Q1, Q3) | 1.0 (1.0, 1.0) | 1.0 (1.0, 1.0) | 1.0 (1.0, 1.0) | 1.0 (1.0, 1.0) | 1.0 (1.0, 1.0) |
| Min - Max | 0.0 - 38.0 | 0.0 - 15.0 | 0.0 - 8.0 | 0.0 - 38.0 | 0.0 - 8.0 |
| Missing | 301 | 18 | 163 | 0 | 120 |
| **includeNA(Dewar)** |  |  |  |  |  |
| subcap | 3319 (81.5%) | 440 (77.7%) | 1123 (83.6%) | 963 (81.7%) | 793 (80.7%) |
| combined | 213 (5.2%) | 43 (7.6%) | 27 (2.0%) | 104 (8.8%) | 39 (4.0%) |
| parenchymal | 86 (2.1%) | 19 (3.4%) | 11 (0.8%) | 51 (4.3%) | 5 (0.5%) |
| multifocal | 45 (1.1%) | 21 (3.7%) | 9 (0.7%) | 9 (0.8%) | 6 (0.6%) |
| extensive | 105 (2.6%) | 25 (4.4%) | 10 (0.7%) | 52 (4.4%) | 18 (1.8%) |
| (Missing) | 303 (7.4%) | 18 (3.2%) | 163 (12.1%) | 0 (0.0%) | 122 (12.4%) |
| **includeNA(Mitosis)** |  |  |  |  |  |
| No | 41 (1.0%) | 14 (2.5%) | 0 (0.0%) | 0 (0.0%) | 27 (2.7%) |
| Yes | 135 (3.3%) | 85 (15.0%) | 0 (0.0%) | 0 (0.0%) | 50 (5.1%) |
| (Missing) | 3895 (95.7%) | 467 (82.5%) | 1343 (100.0%) | 1179 (100.0%) | 906 (92.2%) |
| **Recurrence** |  |  |  |  |  |
| no recurrence | 3209 (78.8%) | 406 (71.7%) | 1168 (87.0%) | 860 (72.9%) | 775 (78.8%) |
| recurred | 862 (21.2%) | 160 (28.3%) | 175 (13.0%) | 319 (27.1%) | 208 (21.2%) |
| **Deaths** |  |  |  |  |  |
| No | 3465 (85.1%) | 451 (79.7%) | 1195 (89.0%) | 963 (81.7%) | 856 (87.1%) |
| Yes | 606 (14.9%) | 115 (20.3%) | 148 (11.0%) | 216 (18.3%) | 127 (12.9%) |
| **Melanoma specific mortality** |  |  |  |  |  |
| Other | 3567 (87.6%) | 464 (82.0%) | 1242 (92.5%) | 976 (82.8%) | 885 (90.0%) |
| Death by melanoma | 504 (12.4%) | 102 (18.0%) | 101 (7.5%) | 203 (17.2%) | 98 (10.0%) |
| **logRec.time** |  |  |  |  |  |
| Mean (SD) | 0.9 (1.4) | 1.3 (1.1) | 0.3 (1.6) | 1.2 (1.4) | 1.1 (1.1) |
| Median (Q1, Q3) | 1.2 (0.3, 1.9) | 1.5 (0.6, 2.1) | 0.7 (-0.3, 1.6) | 1.5 (0.5, 2.2) | 1.3 (0.8, 1.8) |
| Min - Max | -5.9 - 2.9 | -3.3 - 2.8 | -5.9 - 2.3 | -5.9 - 2.9 | -5.9 - 2.6 |
| Missing | 45 | 0 | 2 | 42 | 1 |
| **logFU.time** |  |  |  |  |  |
| Mean (SD) | 1.1 (1.3) | 1.5 (0.9) | 0.5 (1.6) | 1.4 (1.2) | 1.3 (0.9) |
| Median (Q1, Q3) | 1.4 (0.6, 1.9) | 1.7 (1.0, 2.2) | 0.9 (-0.1, 1.6) | 1.6 (0.9, 2.2) | 1.5 (1.0, 1.9) |
| Min - Max | -5.9 - 2.9 | -3.3 - 2.8 | -5.9 - 2.3 | -5.2 - 2.9 | -5.9 - 2.6 |
| Missing | 0 | 0 | 0 | 0 | 0 |