|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Men** | **Women** |  |  | **Men** | **Women** |  |
|  |  | **N** | **(%)** | **N** | **(%)** | **p-value** |  | **N** | **(%)** | **N** | **(%)** | **p-value** |
|  | **Hours partially sun-exposed from May to August on workdays** | **Hours partially sun-exposed from May to August on weekends** |
| 10-19 years | < 4 | 18  | (48.6) | 29  | (46.0) | 0.828 | < 4 | 12 | (32.4) | 20  | (31.7) | 0.820 |
|  | ≥ 4 | 15  | (40.5) | 29  | (46.0) | ≥ 4 | 20  | (54.1) | 38  | (60.3) |
| 20-39 years | < 4 | 17  | (45.9) | 40  | (63.5) | 0.172 | < 4 | 13  | (35.1) | 24  | (38.1) | 1.000 |
|  | ≥ 4 | 15 | (40.5) | 18  | (28.6) | ≥ 4 | 19  | (51.4) | 34  | (54.0) |
|  40-59 years | < 4 | 22  | (59.5) | 44  | (69.8) | 0.626 | < 4 | 15  | (40.5) | 30  | (47.6) | 0.668 |
|  | ≥ 4 | 10  | (27.0) | 15  | (23.8) | ≥ 4 | 18  | (48.6) | 29  | (46.0) |
| Last year | < 4 | 23  | (62.2) | 45  | (71.4) | 0.502 | < 4 | 17  | (51.4) | 34  | (54.0) | 0.538 |
|  | ≥ 4 | 13  | (35.1) | 18  | (28.6) | ≥ 4 | 19  | (52.8) | 29  | (46.0) |
| ≥ 60 years  | < 4 | 15  | (40.5) | 27  | (42.9) | 0.804 | < 4 | 10  | (27.0) | 21  | (33.3) | 0.799 |
|  | ≥ 4 | 11  | (29.7) | 17  | (27.0) | ≥ 4 | 14  | (37.8) | 23  | (36.5) |
|  | **Days under high solar radiation in central European latitudes** | **Vacation days under high solar radiation in Southern regions** |
| 10-19 years | < 15 | 15  | (40.5) | 34  | (54.0) | 0.380 | < 15 | 26  | (70.3) | 51  | (81.0) | 0.337 |
|  | ≥ 15 | 16  | (43.2) | 24  | (38.1) | ≥ 15 | 6  | (16.2) | 6  | (9.5) |
| 20-39 years | < 15 | 18  | (48.6) | 36  | (57.1) | 1.000 | < 15 | 23  | (62.2) | 40  | (63.5) | 1.000 |
|  | ≥ 15 | 12  | (32.4) | 22  | (34.9) | ≥ 15 | 9  | (24.3) | 16  | (25.4) |
|  40-59 years | < 15 | 18  | (48.6) | 40  | (63.5) | 0.501 | < 15 | 25  | (67.6) | 46  | (73.0) | 1.000 |
|  | ≥ 15 | 13  | (35.1) | 21  | (33.3) | ≥ 15 | 7  | (18.9) | 13  | (20.6) |
| Last year | < 15 | 23  | (62.1) | 43  | (68.3) | 0.509 | < 15 | 28  | (75.7) | 53  | (84.1) | 0.409 |
|  | ≥ 15 | 13  | (35.1) | 18  | (28.6) | ≥ 15 | 8  | (21.6) | 9  | (14.3) |
| ≥ 60 years  | < 15 | 12  | (32.4) | 29  | (46.0) | 0.306 | < 15 | 15  | (35.1) | 37  | (58.7) | 0.201 |
|  | ≥ 15 | 12  | (32.4) | 16  | (25.4) | ≥ 15 | 7  | (18.9) | 7  | (11.1) |
|  | **Proportion of time under direct sun exposure when sunscreen with SPF was applied** | **Proportion of time under direct sun exposure when head covering was used** |
| 10-19 years | < 50% | 25  | (67.6) | 43  | (68.3) | 0.790 | < 20% | 27  | (73.0) | 49  | (77.8) | 0.718 |
|  | ≥ 50% | 6  | (16.2) | 13  | (20.6) | ≥ 20% | 4  | (10.8) | 5  | (7.9) |
| 20-39 years | < 50% | 22  | (59.5) | 31  | (49.2) | 0.175 | < 20% | 24  | (64.9) | 46  | (73.0) | 0.587 |
|  | ≥ 50% | 9  | (24.3) | 25  | (39.7) | ≥ 20% | 7  | (18.9) | 10  | (15.9) |
|  40-59 years | < 50% | 19  | (51.4) | 21  | (33.3) | 0.044 | < 20% | 15  | (40.5) | 40  | (63.5) | 0.101 |
|  | ≥ 50% | 12  | (32.4) | 35  | (55.6) | ≥ 20% | 15  | (40.5) | 17  | (27.0) |
| Last year | < 50% | 16  | (43.2) | 21  | (33.3) | 0.275 | < 20% | 20  | (54.1) | 40  | (63.5) | 0.398 |
|  | ≥ 50% | 18  | (48.6) | 40  | (63.5) | ≥ 20% | 16  | (43.2) | 22  | (34.9) |
| ≥ 60 years  | < 50% | 11  | (29.7) | 12  | (19.0) | 0.175 | < 20% | 14  | (37.8) | 25  | (39.7) | 0.797 |
|  | ≥ 50% | 12  | (32.4) | 30  | (47.6) | ≥ 20% | 9  | (24.3) | 20  | (31.7) |
|  | **Sunburns ≥ 2 days with skin scaling**  | **Sunburns with blistering** |
| 10-19 years | no | 8  | (21.6) | 17  | (27.0) | 0.632 | no | 24  | (64.9) | 41  | (65.1) | 0.790 |
|  | yes | 24  | (64.9) | 39  | (61.9) | yes | 6  | (16.2) | 14  | (22.2) |
| 20-39 years | no | 10  | (27.0) | 20  | (31.7) | 0.819 | no | 25  | (67.6) | 43  | (68.3) | 1.000 |
|  | yes | 23  | (62.2) | 39  | (61.9) | yes | 8  | (21.6) | 13  | (20.6) |
|  40-59 years | no | 20  | (54.1) | 32  | (50.8) | 0.664 | no | 29  | (78.4) | 50  | (79.4) | 0.484 |
|  | yes | 13  | (35.1) | 26  | (41.3) | yes | 2  | (5.4) | 7  | (11.1) |
| Last year | no | 30  | (81.1) | 50  | (79.4) | 1.000 | no | 32  | (86.5) | 59  | (93.7) | 0.664 |
|  | yes | 6  | (16.2) | 10  | (15.9) | yes | 3  | (8.1) | 3  | (4.8) |
| ≥ 60 years  | no | 17  | (45.9) | 34  | (54.0) | 0.760 | no | 21  | (56.8) | 39  | (61.9) | 0.350 |
|  | yes | 6  | (16.2) | 9  | (14.3) | yes | 3  | (8.1) | 2  | (3.2) |

Supplementary Tab. 1: Gender-specific data on sun exposure, use of photoprotective measures, and history of sunburns with respect to different periods of life. Absolute numbers, percentages in brackets, p-value (Fisher’s exact).