**Supplementary Table 1. Differences in participants characteristics between PIM users and non-PIM users**

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| --- | --- | --- | --- | --- |
| Participants characteristics | PIM users(N=313) | non-PIM users(N=1069) | Overall(N=1382) | P-value |
|  |  |  |  |  |
| Age [years] | median 69IQR 67-71  | median 69IQR 67-71 | median 69IQR 67-71 | n. s. |
|  | (N=313) | (N=1069) | (N=1382) |  |
| Women | 57.8%(N=313) | 49.4%(N=1069) | 51.3%(N=1382) | 0.009\* |
| Number of regular medications | median 4IQR 2-6 (N=313) | median 2IQR 0-4 (N=1069) | median 2IQR 1-4 (N=1382) | <0.001\* |
| Morbidity index | median 1IQR 0-2(N=295) | median 1IQR 0-2(N=963) | median 1IQR 0-2(N=1258) | <0.001\* |
| BMI [kg/m²] | mean 27.5 ± 4.5(N=306) | mean 26.5 ± 4.0(N=1050) | mean 26.8 ± 4.1(N=1356) | n. s. |
| Current smoking | 7.4% (N=312) | 9.2% (N=1069) | 8.8% (N=1373) | n. s. |
| Alcohol consumption  | 89.1% (N=313) | 89.7% (N=1066) | 89.6% (N=1379) | n. s. |
| Years of education | median 13IQR 11.5 – 16 (N=229) | median 14IQR 11.5 – 18(N=818) | median 13.5 IQR 11.5 – 18(N=1047) | 0.037\* |
| Living alone | 38.9% (N=270) | 39.2% (N=988) | 39.1% (N=1258) | n. s. |
|  |  |  |  |  |

Notes and abbreviations; Differences in participants characteristics between PIM users and non-PIM users. The proportion of women, the number of regular medications and the morbidity index was significantly higher among PIM users [1].

In non-PIM users time of education was significantly longer (Mann-Whitney U test, p = 0.037). PIM, potentially inappropriate medication; BMI, body mass index; IQR, interquartile range; n. s., not significant

**References**

1. Toepfer S, Bolbrinker J, Konig M, Steinhagen-Thiessen E, Kreutz R, Demuth I. Potentially inappropriate medication in older participants of the Berlin Aging Study II (BASE-II) - Sex differences and associations with morbidity and medication use. PLoS One. 2019;14(12):e0226511. Epub 2019/12/31. doi: 10.1371/journal.pone.0226511. PubMed PMID: 31887163.