**Supplementary material 1**

Characteristics of the AMK reference pharmacy network.

**Table S1**

Characteristics of AMK reference pharmacies.

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| --- |
| **A) Community pharmacies** |
|  | **Total number** | **Respondents** |
| **Gender (person of contact)** | **n (%)** | **n (%)** |
| Female | 214 (31.6) | 126 (33.8) |
| Male | 264 (39.0) | 155 (41.6) |
| Unknown | 199 (29.4) | 92 (24.7) |
| **Degree of urbanization (inhabitants)** | **n (%)** | **n (%)** |
| > 100,000 | 208 (30.7) | 109 (29.2) |
| > 20,000 – 100,000 | 250 (36.9) | 134 (35.9) |
| 5,000 – 20,000 | 162 (23.9) | 97 (26.0) |
| < 5,000 | 57 (8.4) | 33 (8.9) |
| **Sum** | **677** | **373 (55.1%)** |
| **B) Hospital pharmacies** |
|  | **Total number**  | **Respondents**  |
| **Gender (person of contact1)** | **n (%)** | **n (%)** |
| Female | 20 (39.2) | 14 (43.8) |
| Male | 31 (60.8) | 18 (56.3) |
| **Degree of urbanization (inhabitants)** | **n (%)** | **n (%)** |
| > 100,000 | 38 (74.5) | 22 (68.8) |
| > 20,000 – 100,000 | 12 (23.5) | 9 (28.1) |
| 5,000 – 20,000 | 1 (2.0) | 1 (3.1) |
| **Sum** | **51** | **32 (62.8%)** |

Gender of (A) community and (B) hospital pharmacists was evaluated by the personal form of address (Mr./Mrs.), if provided by the reference pharmacy upon appointment. No further identifying information was collected. The number of inhabitants (population figures), representing the degree of urbanization of the geographical location of the reference pharmacy, were collected from respective regional state offices for statistics and as of December 2016.

**Table S2**Allocation of AMK reference pharmacies **(**as defined by the 17 State Chambers of Pharmacists).

|  |  |  |
| --- | --- | --- |
| **State Chamber** | **Community pharmacies** | **Hospital pharmacies** |
| **Total** | **Respondents** | **Total** | **Respondents** |
| **n** | **n, (% of total)** | **n** | **n** |
| Baden-Wuerttemberg | 58 | 35 (60.4) | 2 | 0 |
| Bavaria | 56 | 35 (62.5) | 5 | 3 |
| Berlin | 21 | 14 (66.7) | 3 | 2 |
| Brandenburg | 15 | 12 (80.0) | 3 | 2 |
| Bremen | 3 | 2 (66.7) | 2 | 1 |
| Hamburg | 9 | 5 (55.6) | 2 | 2 |
| Hesse | 24 | 17 (70.8) | 4 | 4 |
| Mecklenburg-Western Pomerania | 25 | 16 (64.0) | 1 | 1 |
| Lower Saxony | 36 | 19 (52.8) | 4 | 3 |
| North Rhine | 48 | 30 (62.5) | 4 | 0 |
| Rhineland-Palatinate | 33 | 16 (48.5) | 3 | 3 |
| Saarland | 10 | 5 (50.0) | 2 | 2 |
| Saxony | 28 | 15 (53.6) | 5 | 4 |
| Saxony-Anhalt | 18 | 8 (44.4) | 2 | 2 |
| Schleswig-Holstein | 14 | 9 (64.3) | 2 | 1 |
| Thuringia | 23 | 7 (30.4) | 3 | 1 |
| Westphalia-Lippe | 256 | 128 (50.0) | 4 | 1 |
| **Sum** | **677** | **373 (55.1 [30.4 – 80.0] %)** | **51** | **32 (62.8%)** |