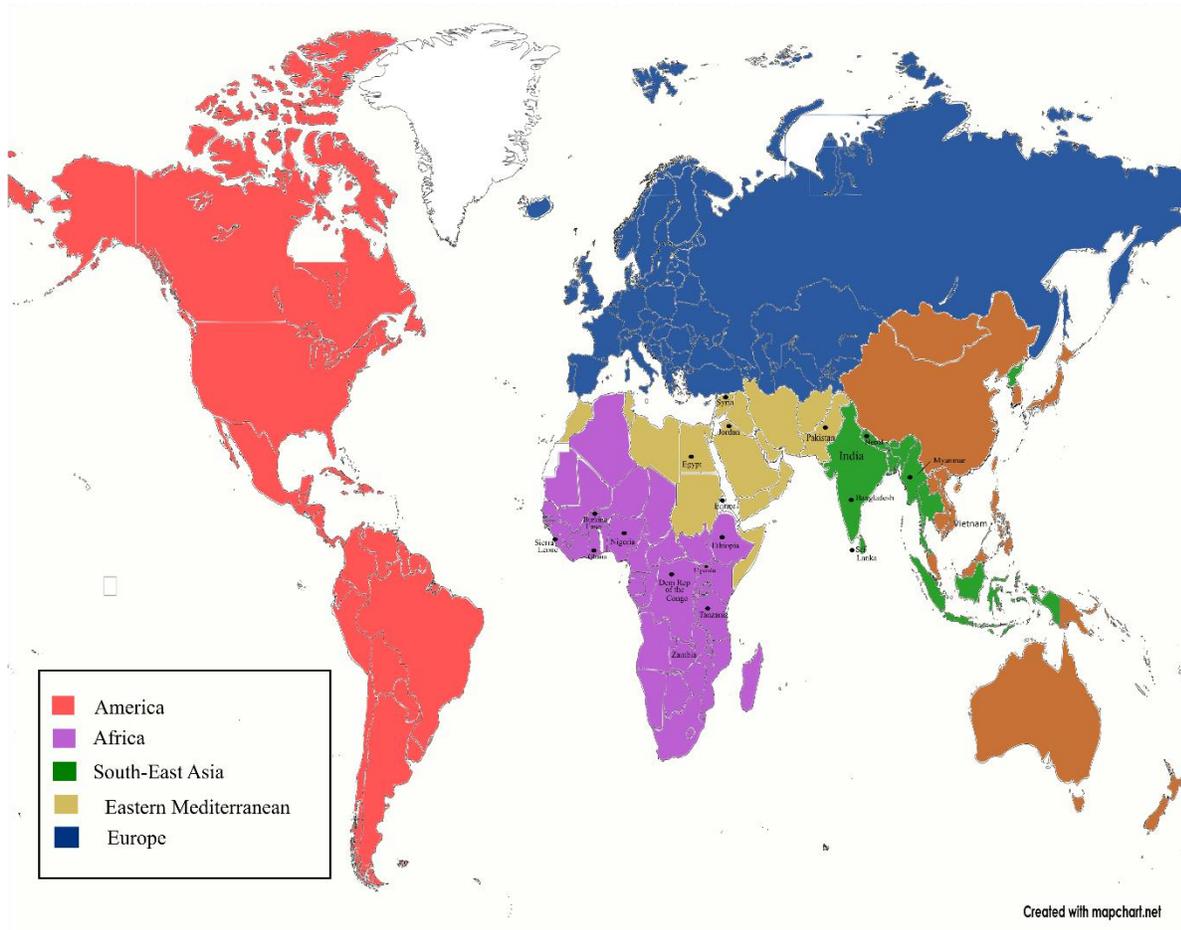


## Supplementary Data

Figure S1 - Geographical regions where the included studies were conducted.



NB: Colors refer to different WHO Regions of the World

**Table S1: Percentage Use of AWaRe group antibiotics in studies reporting ASPs in LMIC.**

|                          | N (%)     | References  |
|--------------------------|-----------|---|
| <b>Access group</b>      |           |   |
| <50%                     | 47 (55.2) | [1-47]  |
| 50-60%                   | 14 (16.4) | [48-61]   |
| >60%                     | 22 (25.8) | [62-83]   |
| <b>Data not reported</b> | 2 (2.3)   | [84, 85]  |
| <b>Watch group</b>       |           |   |
| ≤40%                     | 27 (31.7) | [17, 42, 46, 49, 51, 56, 62, 63, 65, 67-69, 71-77, 79, 81, 86-90]   |
| >40%                     | 58 (68.2) | [1-12, 14-16, 18-20, 22-37, 39-41, 43, 45, 47, 48, 50, 53-55, 57-61, 82-85, 91-94]  |
| <b>Reserve group</b>     |           |   |
| ≤10%                     | 32 (37.6) | [2, 4, 6, 8, 10, 11, 19, 24, 25, 27, 29-34, 37, 39-41, 45, 49-51, 58, 77, 79, 81, 86, 87, 90, 92, 93]                         |
| >10%                     | 6 (7.0)   | [24, 26, 28, 35, 43, 84]  |
| <b>Data not reported</b> | 47 (55.2) | [1-3, 5, 7, 9, 12, 14, 15, 17, 18, 20, 22, 23, 36, 42, 46-48, 53-57, 59-63, 65, 67-69, 71-76, 78, 82, 83, 85, 88, 89, 91, 94] |

NB: The range or the threshold values under each AWaRe category (Access, Watch and Reserve) are adopted from literature and the online portal of WHO AWaRe [8, 95-101]

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