

Table 2 Distribution of *Neisseria meningitidis* serogroups in 674 Iranian hajj pilgrims after returning from Saudi Arabia by use of antibiotics while on hajj

| Serogroup | No antibiotic (n = 222) | | Received antibiotic (n = 392) | | Unknown (n = 60) | |
|-------------------|----------------------------|------|----------------------------------|------|---------------------|----|
| | No. | % | No. | % | No. | % |
| A | 1 | 0.45 | 0 | 0.0 | 0 | 0. |
| B | 2 | 0.9 | 0 | 0.0 | 0 | 0. |
| C | 0 | 0.0 | 1 | 0.25 | 0 | 0. |
| D | 0 | 0.0 | 0 | 0.0 | 0 | 0. |
| Y | 1 | 0.45 | 1 | 0.25 | 0 | 0. |
| W135 | 0 | 0.0 | 1 | 0.25 | 0 | 0. |
| Non-serogroupable | 8 | 3.6 | 12 | 3.0 | 1 | 1. |
| Z | 1 | 0.45 | 0 | 0.0 | 0 | 0. |
| Z' | 2 | 0.9 | 0 | 0.0 | 0 | 0. |
| Total | 15 | 6.8 | 15 | 3. | 1 | 1. |