

Table 2 Mean measles antibody titres and seropositive rates before and after the mass vaccination campaign by age group

| Age group (years) | IgG titre vaccination history | Before mass vaccination (n = 625)<br>Mean (SD)<br>IgG titre (IU/mL) | After mass vaccination (n = 625)<br>Mean (SD)<br>IgG titre (IU/mL) | Mean antibody response (IU/mL) | P-value |
|-------------------|-------------------------------|---|--|--------------------------------|---------|
| 5-10              | 1 dose                        | 47.1 (20.5)   | 51.5 (16.5)  | 4.4                            | 0.97    |
|                   | 2 doses                       | 35.3 (4.7)  | 38.3 (3.6)   | 3.0                            |         |
| 11-15             | 1 dose                        | 41.7 (12.4)   | 41.3 (22.7)  | -0.4                           | 0.87    |
|                   | 2 doses                       | 27.0 (2.9)  | 28.0 (4.7)   | 1.0                            |         |
| 16-20             | 1 dose                        | 36.1 (8.5)  | 35.4 (4.8)   | -0.6                           | 0.041   |
|                   | 2 doses                       | 23.5 (4.2)  | 37.0 (4.9)   | 13.5                           |         |
| 21-25             | 1 dose                        | 110.3 (13.4)  | 92.9 (8.5)   | -17.4                          | < 0.001 |
|                   | 2 doses                       | 83.4 (30.6)   | 69.5 (19.5)  | -13.9                          |         |

n = total number of subjects; SD = standard deviation.