**Table supplementary:** Extended analysis of Table 2 of the article

**Title:** Prevalence of serum antibodies to SARS-CoV-2 in the general population at different altitudes in Cusco, Peru, according to individual/family characteristics

|  |  |  |  |
| --- | --- | --- | --- |
|  | Seropositive to SARS-CoV-2 antibodies | Crude PR  | Adjusted PR  |
|  | N  | % |  |  |
| *Global prevalence* |  | 33·1% (30·1 - 36·4%) |  |  |
| *Gender* |  |  |  |  |
| MaleFemale | 256380 | 31·1% (27·3 -35·2%)34·6% (31·2 -38·3%) | 11.12 (0.99-1.26) | 11.09 (0.97-1.24) |
| *Study setting* |  |  |  |  |
| Cusco cityPeriphery of Cusco Quillabamba  | 24830683 | 38·8% (33·4 -44·9%)34·9% (30·4 -40·1%)20·3% (16·2 -25·6%) | 1.90 (1.44-2.50)1.72 (1.31-2.25)1 | 1.85 (1.41-2.43)1.71 (1.31-2.22)1 |
| *Age group (years)* |  |  |  |  |
| >=18, <40 40-59 > 60  | 30525176 | 34·8% (31·0 -39·1%)35·8% (31·8 -40·2%)24·7% (19·7 -30·9%) | 11.02 (0.89-1.17)0.71 (0.57-0.89) | 10.99 (0.86-1.14)0.65 (0.51-0.83) |
| *Education level (years)* |  |  |  |  |
| <7 7 -11 > 12  | 69213340 | 34·2% (26·9-43·3%)39·2% (34·4-44·7%)30·3% (26·9-34·0%) | 11.15 (0.89-1.48)0.89 (0.69-1.14) | 11.09 (0.86-1.40)0.79 (0.61-1.03) |
| *BMI* |  |  |  |  |
| NormalOverweightObese | 253227118 | 34·1% (30·0-38·6%)31·1% (27·1-35·7%)35·5% (30·2-41·8%) | 10.91 (0.78-1.07)1.04 (0.86-1.26) | 10.95 (0.81-1.13)1.17 (0.95-1.44) |
| *Number of people living together* |  |  |  |  |
| 1 - 2 3 - 5 6 -10> 11 | 3426922777 | 20·5% (14·4-29·1%)31·8% (27·6-36·7%)37·5% (31·9-44·0%)38·7% (28·1-53·2%) | 11.55 (1.07-2.27)1.83 (1.25-2.69)1.89 (1.18-3.02) | 11.47 (1.01-2.15)1.68 (1.14-2.46)1.71 (1.07-2.73) |
| *Self-report of COVID-19 case at home* |  |  |  |  |
| NoYes | 348272 | 26·2% (22·9-29·9%)50·2% (44·4-56·7%) | 11.91 (1.60-2.29) | 11.90 (1.60-2.27) |
| *Death at home (any cause)* |  |  |  |  |
| NoYes | 55165 | 31·9% (28·7-35·3%)50·8% (38·4-67·2%) | 11.59 (1.18-2.14) | 11.50 (1.11-2.04) |
| *Previous SARS-COV-2 test (rapid test or molecular)* |  |  |  |  |
| NoYes | 330303 | 28·7% (25·3-32·6%)39·9% (35·7-44·7%) | 11·39 (1·20-1.62) | 11·46 (1·26-1.69) |

Models adjusted for age, gender, and study setting.