**Supplementary Material 7. Sample definition, USoc**

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| **Sample description** | **Number** |
| Number of people with at least one response to a COVID wave (April to November) | 20,468 |
| Number of people with at least one response to outcome questions (Primary care, NHS111 or prescription medication) | 16,427 |
| Number of people with at least one response to outcome questions and with recorded multimorbidity | 16,363 |
| Number of people as in row above, but additionally with complete age and sex | 16,363 |
| Number of people as in row above, but additionally with complete ethnicity and income | 15,775 |