## Appendix

### 1. Partial unconditional and conditional CVs ($CV_u$s and $CV_c$s) derivation

$CV_u$s and $CV_c$s are derived from respectively the between and within ANOVA variance decomposition components and bounded by the overall CV. $CV_u$s quantify univariate associations with propensity variation. Using the same notation as in the main text, the $CV_u$ for covariate $Z$ with $K$ categories is

$$\widehat{CV_u}(Z, p_{\boldsymbol{x}}) = \frac{\sqrt{\frac{1}{n}\sum_{k=1}^{K} n_k(\hat{\bar{p}}_k - \hat{\bar{p}})^2}}{\hat{\bar{p}}}, \quad (1)$$

where $n_k$ is covariate category $k$ size, and $\hat{\bar{p}}_k$ is the mean response propensity in $k$. Large values suggest substantial between category variability and non-representativeness associated with $Z$. Category CVs decompose and are bounded by covariate CVs. The $CV_u$ for category $k$ of $Z$ is

$$\widehat{CV_u}(Z_k, p_{\boldsymbol{x}}) = \frac{\sqrt{\frac{n_k}{n}}(\hat{\bar{p}}_k - \hat{\bar{p}})}{\hat{\bar{p}}}. \quad (2)$$

Values can be positive or negative, implying respectively over- or under-representation. $CV_c$s quantify associations conditional on the other auxiliary covariates. The $CV_c$ for covariate $Z$ is

$$\widehat{CV_c}(Z, p_{\boldsymbol{x}}) = \frac{\sqrt{\frac{1}{n}\sum_{l=1}^{L} \sum_{i \in l}(p_i - \hat{\bar{p}}_l)^2}}{\hat{\bar{p}}}, \quad (3)$$

where $\hat{\bar{p}}_l$ is the mean propensity of the $l$th of $L$ cells resulting from cross-classifying $\boldsymbol{x}$ excluding $Z$ and propensity modelling given this covariate subset. The $CV_c$ for category $k$ of $Z$ is

$$\widehat{CV_c}(Z_k, p_{\boldsymbol{x}}) = \frac{\sqrt{\frac{1}{n}\sum_{l=1}^{L} \sum_{i \in l} h_i(p_i - \hat{\bar{p}}_l)^2}}{\hat{\bar{p}}}, \quad (4)$$

where $h_i$ indicates whether subject $i$ is in $k$. Large $CV_c$s imply substantial solely attributed non-representativeness. In addition, adjustments to correct biases caused by estimating propensities exist, as do approximate standard errors that when converted into 95% confidence intervals

(CV ± 1.96 × SE) enable inference regarding (comparative) representativeness or otherwise (de Heij et al., 2015). Population level analysis is also possible by applying sample weights.

## 2. Evaluation Results

**Table A1**

*Response Rates (RRs) for the Longitudinal UKHLS Main Survey and COVID-19 Study Datasets*

| Wave | Main Survey | COVID-19 Study |
|---|---|---|
| 3 | 61 | 72 |
| 4 | 53 | 66 |
| 5 | 48 | 60 |
| 6 | 41 | 54 |
| 7 | 37 | 50 |
| 8 | 34 | 48 |
| 9 | 30 | 44 |

*Note.* Response rates are conditional on response to waves 1 and 2.

**Table A2**

*Overall CVs for the Longitudinal UKHLS Main Survey and COVID-19 Study Datasets*

| Wave | Main Survey | COVID-19 Study |
|---|---|---|
| 3 | *0.18 (0.18 - 0.19)* | *0.14 (0.13 - 0.15)* |
| 4 | *0.23 (0.22 - 0.24)* | *0.18 (0.17 - 0.19)* |
| 5 | *0.27 (0.26 - 0.27)* | *0.22 (0.21 - 0.24)* |
| 6 | *0.31 (0.30 - 0.32)* | *0.26 (0.25 - 0.28)* |
| 7 | *0.34 (0.33 - 0.35)* | *0.29 (0.28 - 0.31)* |
| 8 | *0.37 (0.36 - 0.38)* | *0.30 (0.28 - 0.32)* |
| 9 | *0.41 (0.39 - 0.42)* | *0.31 (0.29 - 0.33)* |

*Note.* 95% Confidence Intervals in brackets. Italics indicate statistical significance at the 5% level ($p<.05$). CVs are conditional on response to waves 1 and 2.

**Table A3**

*Covariate $CV_u$s for the Longitudinal UKHLS Main Survey and COVID-19 Study Datasets*

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Sex | Ethnicity | Age | Employment Status | Sex | Ethnicity | Age | Employment Status |
| 3 | *0.0299 (0.0226 - 0.0371)* | *0.0768 (0.0694 - 0.0842)* | *0.1374 (0.1301 - 0.1447)* | *0.0567 (0.0495 - 0.0640)* | *0.0251 (0.0148 - 0.0353)* | *0.0488 (0.0375 - 0.0600)* | *0.1075 (0.0968 - 0.1183)* | *0.0636 (0.0535 - 0.0737)* |
| 4 | *0.0351 (0.0266 - 0.0436)* | *0.0910 (0.0827 - 0.0994)* | *0.1701 (0.1618 - 0.1784)* | *0.0613 (0.0528 - 0.0698)* | *0.0177 (0.0058 - 0.0296)* | *0.0642 (0.0516 - 0.0768)* | *0.1440 (0.1319 - 0.1561)* | *0.0840 (0.0727 - 0.0953)* |
| 5 | *0.0372 (0.0278 - 0.0467)* | *0.1038 (0.0948 - 0.1127)* | *0.1982 (0.1892 - 0.2073)* | *0.0625 (0.0532 - 0.0719)* | *0.0239 (0.0105 - 0.0373)* | *0.0798 (0.0658 - 0.0937)* | *0.1770 (0.1636 - 0.1903)* | *0.0991 (0.0863 - 0.1118)* |
| 6 | *0.0381 (0.0273 - 0.0489)* | *0.1126 (0.1027 - 0.1224)* | *0.2284 (0.2183 - 0.2384)* | *0.0684 (0.0579 - 0.0789)* | *0.0221 (0.0069 - 0.0374)* | *0.0883 (0.0731 - 0.1034)* | *0.2132 (0.1985 - 0.2280)* | *0.1225 (0.1080 - 0.1370)* |
| 7 | *0.0391 (0.0272 - 0.0509)* | *0.1200 (0.1094 - 0.1305)* | *0.2484 (0.2374 - 0.2593)* | *0.0719 (0.0606 - 0.0832)* | *0.0255 (0.0091 - 0.0419)* | *0.0998 (0.0838 - 0.1158)* | *0.2350 (0.2192 - 0.2507)* | *0.1459 (0.1300 - 0.1618)* |
| 8 | *0.0389 (0.0262 - 0.0517)* | *0.1234 (0.1123 - 0.1346)* | *0.2699 (0.2581 - 0.2817)* | *0.0730 (0.0610 - 0.0850)* | *0.0243 (0.0071 - 0.0416)* | *0.1054 (0.0889 - 0.1219)* | *0.2373 (0.2209 - 0.2537)* | *0.1456 (0.1288 - 0.1624)* |
| 9 | *0.0432 (0.0294 - 0.0571)* | *0.1323 (0.1205 - 0.1441)* | *0.2946 (0.2817 - 0.3075)* | *0.0822 (0.0693 - 0.0950)* | *0.0326 (0.0142 - 0.0511)* | *0.1076 (0.0902 - 0.1250)* | *0.2364 (0.2189 - 0.2540)* | *0.1412 (0.1228 - 0.1595)* |

| Wave | Household Composition | Marital Status | Highest Qualification | Housing Tenure | Household Composition | Marital Status | Highest Qualification | Housing Tenure |
|---|---|---|---|---|---|---|---|---|
| 3 | *0.0821 (0.0748 - 0.0894)* | *0.1126 (0.1053 - 0.1199)* | *0.0498 (0.0426 - 0.0570)* | *0.0972 (0.0899 - 0.1045)* | *0.0877 (0.0778 - 0.0975)* | *0.0720 (0.0616 - 0.0824)* | *0.0384 (0.0279 - 0.0489)* | *0.0468 (0.0363 - 0.0573)* |
| 4 | *0.0993 (0.0908 - 0.1077)* | *0.1350 (0.1266 - 0.1435)* | *0.0783 (0.0698 - 0.0867)* | *0.1243 (0.1158 - 0.1327)* | *0.1142 (0.1029 - 0.1255)* | *0.0878 (0.0760 - 0.0996)* | *0.0442 (0.0323 - 0.0562)* | *0.0655 (0.0535 - 0.0774)* |
| 5 | *0.1133 (0.1039 - 0.1226)* | *0.1523 (0.1431 - 0.1616)* | *0.0962 (0.0868 - 0.1056)* | *0.1392 (0.1299 - 0.1485)* | *0.1440 (0.1312 - 0.1568)* | *0.1060 (0.0927 - 0.1194)* | *0.0569 (0.0435 - 0.0702)* | *0.0844 (0.0710 - 0.0979)* |
| 6 | *0.1244 (0.1138 - 0.1350)* | *0.1722 (0.1617 - 0.1827)* | *0.1264 (0.1156 - 0.1371)* | *0.1592 (0.1488 - 0.1696)* | *0.1753 (0.1608 - 0.1899)* | *0.1251 (0.1102 - 0.1400)* | *0.0567 (0.0416 - 0.0718)* | *0.1001 (0.0851 - 0.1151)* |
| 7 | *0.1343 (0.1227 - 0.1459)* | *0.1823 (0.1709 - 0.1937)* | *0.1499 (0.1381 - 0.1616)* | *0.1747 (0.1635 - 0.1860)* | *0.1979 (0.1821 - 0.2136)* | *0.1359 (0.1199 - 0.1519)* | *0.0615 (0.0451 - 0.0778)* | *0.1145 (0.0984 - 0.1305)* |
| 8 | *0.1445 (0.1320 - 0.1570)* | *0.1978 (0.1855 - 0.2101)* | *0.1684 (0.1557 - 0.1811)* | *0.1898 (0.1778 - 0.2018)* | *0.2030 (0.1865 - 0.2196)* | *0.1379 (0.1212 - 0.1545)* | *0.0668 (0.0497 - 0.0838)* | *0.1303 (0.1136 - 0.1471)* |
| 9 | *0.1510 (0.1374 - 0.1646)* | *0.2113 (0.1981 - 0.2246)* | *0.1839 (0.1702 - 0.1976)* | *0.2104 (0.1975 - 0.2232)* | *0.1966 (0.1786 - 0.2146)* | *0.1404 (0.1225 - 0.1584)* | *0.0835 (0.0652 - 0.1019)* | *0.1437 (0.1258 - 0.1616)* |

*Note.* 95% CIs in brackets. Italics indicate statistical significance at the 5% level ($p<.05$).

**Table A4**

*Covariate $CV_c$s for the Longitudinal UKHLS Main Survey and COVID-19 Study Datasets*

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Sex | Ethnicity | Age | Employment Status | Sex | Ethnicity | Age | Employment Status |
| 3 | *0.0226 (0.0153 - 0.0298)* | *0.0521 (0.0446 - 0.0595)* | *0.0653 (0.0580 - 0.0726)* | *0.0111 (0.0039 - 0.0183)* | *0.0313 (0.0211 - 0.0416)* | *0.0231 (0.0118 - 0.0344)* | *0.0524 (0.0416 - 0.0632)* | *0.0138 (0.0037 - 0.0239)* |
| 4 | *0.0297 (0.0212 - 0.0382)* | *0.0619 (0.0536 - 0.0703)* | *0.0836 (0.0753 - 0.0919)* | *0.0114 (0.0029 - 0.0199)* | *0.0274 (0.0155 - 0.0393)* | *0.0306 (0.0180 - 0.0433)* | *0.0703 (0.0583 - 0.0824)* | *0.0114 (0.0002 - 0.0227)* |
| 5 | *0.0339 (0.0244 - 0.0433)* | *0.0711 (0.0622 - 0.0801)* | *0.1002 (0.0912 - 0.1092)* | 0.0092 (-0.0001 - 0.0186) | *0.0343 (0.0209 - 0.0477)* | *0.0379 (0.0240 - 0.0518)* | *0.0841 (0.0708 - 0.0975)* | 0.0033 (-0.0094 - 0.0161) |
| 6 | *0.0383 (0.0275 - 0.0491)* | *0.0780 (0.0682 - 0.0879)* | *0.1174 (0.1073 - 0.1275)* | 0.0094 (-0.0011 - 0.0199) | *0.0342 (0.0189 - 0.0494)* | *0.0406 (0.0255 - 0.0558)* | *0.0976 (0.0829 - 0.1124)* | 0.0104 (-0.0041 - 0.0250) |
| 7 | *0.0419 (0.0300 - 0.0537)* | *0.0839 (0.0733 - 0.0944)* | *0.1301 (0.1192 - 0.1410)* | 0.0105 (-0.0008 - 0.0218) | *0.0396 (0.0231 - 0.0560)* | *0.0473 (0.0313 - 0.0633)* | *0.1031 (0.0874 - 0.1189)* | *0.0195 (0.0036 - 0.0353)* |
| 8 | *0.0452 (0.0324 - 0.0580)* | *0.0869 (0.0757 - 0.0980)* | *0.1421 (0.1302 - 0.1539)* | 0.0104 (-0.0016 - 0.0224) | *0.0387 (0.0215 - 0.0560)* | *0.0512 (0.0347 - 0.0677)* | *0.1034 (0.0870 - 0.1198)* | *0.0214 (0.0046 - 0.0381)* |
| 9 | *0.0528 (0.0390 - 0.0667)* | *0.0940 (0.0822 - 0.1058)* | *0.1588 (0.1458 - 0.1717)* | *0.0154 (0.0025 - 0.0282)* | *0.0472 (0.0287 - 0.0657)* | *0.0529 (0.0355 - 0.0703)* | *0.1071 (0.0896 - 0.1247)* | *0.0274 (0.0090 - 0.0458)* |
| Wave | Household Composition | Marital Status | Highest Qualification | Housing Tenure | Household Composition | Marital Status | Highest Qualification | Housing Tenure |
| 3 | *0.0438 (0.0365 - 0.0511)* | *0.0164 (0.0091 - 0.0237)* | *0.0514 (0.0441 - 0.0586)* | *0.0485 (0.0412 - 0.0559)* | *0.0320 (0.0222 - 0.0418)* | *0.0237 (0.0133 - 0.0341)* | *0.0390 (0.0285 - 0.0495)* | *0.0109 (0.0004 - 0.0214)* |
| 4 | *0.0489 (0.0404 - 0.0574)* | *0.0174 (0.0090 - 0.0259)* | *0.0718 (0.0633 - 0.0802)* | *0.0618 (0.0534 - 0.0703)* | *0.0376 (0.0263 - 0.0489)* | *0.0278 (0.0159 - 0.0396)* | *0.0478 (0.0359 - 0.0598)* | *0.0184 (0.0065 - 0.0303)* |
| 5 | *0.0528 (0.0434 - 0.0621)* | *0.0205 (0.0112 - 0.0298)* | *0.0850 (0.0756 - 0.0944)* | *0.0677 (0.0584 - 0.0770)* | *0.0531 (0.0403 - 0.0659)* | *0.0252 (0.0118 - 0.0385)* | *0.0644 (0.0510 - 0.0778)* | *0.0266 (0.0131 - 0.0400)* |
| 6 | *0.0530 (0.0424 - 0.0636)* | *0.0265 (0.0160 - 0.0370)* | *0.1087 (0.0979 - 0.1194)* | *0.0758 (0.0654 - 0.0862)* | *0.0693 (0.0547 - 0.0838)* | *0.0248 (0.0099 - 0.0397)* | *0.0695 (0.0544 - 0.0846)* | *0.0334 (0.0184 - 0.0484)* |
| 7 | *0.0562 (0.0446 - 0.0678)* | *0.0294 (0.0180 - 0.0408)* | *0.1267 (0.1149 - 0.1385)* | *0.0845 (0.0732 - 0.0958)* | *0.0807 (0.0649 - 0.0965)* | *0.0257 (0.0096 - 0.0417)* | *0.0771 (0.0608 - 0.0934)* | *0.0393 (0.0232 - 0.0553)* |
| 8 | *0.0642 (0.0517 - 0.0767)* | *0.0366 (0.0243 - 0.0489)* | *0.1378 (0.1251 - 0.1505)* | *0.0936 (0.0816 - 0.1057)* | *0.0862 (0.0697 - 0.1027)* | *0.0203 (0.0036 - 0.0369)* | *0.0756 (0.0586 - 0.0926)* | *0.0508 (0.0341 - 0.0676)* |
| 9 | *0.0686 (0.0550 - 0.0821)* | *0.0402 (0.0269 - 0.0534)* | *0.1474 (0.1337 - 0.1611)* | *0.1063 (0.0934 - 0.1191)* | *0.0837 (0.0656 - 0.1017)* | *0.0207 (0.0027 - 0.0386)* | *0.0810 (0.0627 - 0.0994)* | *0.0629 (0.0450 - 0.0808)* |

*Note.* 95% CIs in brackets. Italics indicate statistical significance at the 5% level ($p<.05$).

**Table A5**

*Covariate Category $CV_u$s for the Longitudinal UKHLS Main Survey and COVID-19 Study Datasets*

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Sex: Male | Sex: Female | Ethnicity: No | Ethnicity: Yes | Sex: Male | Sex: Female | Ethnicity: No | Ethnicity: Yes |
| 3 | *-0.0215 (-0.0271 - -0.0159)* | *0.0210 (0.0155 - 0.0264)* | *0.0236 (0.0219 - 0.0253)* | *-0.0734 (-0.0788 - -0.0681)* | *-0.0185 (-0.0349 - -0.0021)* | *0.0175 (0.0020 - 0.0329)* | *0.0136 (0.0069 - 0.0204)* | *-0.0476 (-0.0709 - -0.0242)* |
| 4 | *-0.0252 (-0.0309 - -0.0196)* | *0.0246 (0.0191 - 0.0302)* | *0.0280 (0.0263 - 0.0296)* | *-0.0870 (-0.0921 - -0.0819)* | -0.0130 (-0.0293 - 0.0034) | 0.0123 (-0.0032 - 0.0277) | *0.0179 (0.0115 - 0.0243)* | *-0.0625 (-0.0847 - -0.0402)* |
| 5 | *-0.0267 (-0.0325 - -0.0210)* | *0.0261 (0.0205 - 0.0317)* | *0.0319 (0.0303 - 0.0335)* | *-0.0992 (-0.1041 - -0.0942)* | *-0.0176 (-0.0337 - -0.0014)* | *0.0166 (0.0013 - 0.0319)* | *0.0222 (0.0163 - 0.0281)* | *-0.0774 (-0.0979 - -0.0569)* |
| 6 | *-0.0273 (-0.0332 - -0.0215)* | *0.0267 (0.0210 - 0.0324)* | *0.0346 (0.0330 - 0.0362)* | *-0.1076 (-0.1124 - -0.1027)* | -0.0162 (-0.0325 - 0.0000) | 0.0153 (-0.0000 - 0.0307) | *0.0246 (0.0188 - 0.0304)* | *-0.0856 (-0.1058 - -0.0654)* |
| 7 | *-0.0280 (-0.0339 - -0.0222)* | *0.0274 (0.0216 - 0.0331)* | *0.0369 (0.0353 - 0.0384)* | *-0.1146 (-0.1194 - -0.1099)* | *-0.0187 (-0.0350 - -0.0024)* | *0.0177 (0.0023 - 0.0330)* | *0.0278 (0.0223 - 0.0332)* | *-0.0968 (-0.1158 - -0.0778)* |
| 8 | *-0.0280 (-0.0339 - -0.0220)* | *0.0273 (0.0215 - 0.0331)* | *0.0379 (0.0364 - 0.0395)* | *-0.1179 (-0.1227 - -0.1132)* | *-0.0179 (-0.0340 - -0.0018)* | *0.0169 (0.0017 - 0.0321)* | *0.0293 (0.0241 - 0.0346)* | *-0.1023 (-0.1206 - -0.0839)* |
| 9 | *-0.0310 (-0.0371 - -0.0250)* | *0.0303 (0.0244 - 0.0363)* | *0.0406 (0.0391 - 0.0422)* | *-0.1264 (-0.1311 - -0.1217)* | *-0.0240 (-0.0398 - -0.0081)* | *0.0226 (0.0077 - 0.0376)* | *0.0300 (0.0249 - 0.0351)* | *-0.1045 (-0.1223 - -0.0867)* |
| Wave | Age: 16-19 | Age: 20-24 | Age: 25-34 | Age: 35-44 | Age: 16-19 | Age: 20-24 | Age: 25-34 | Age: 35-44 |
| 3 | *-0.0657 (-0.0730 - -0.0583)* | *-0.0874 (-0.0949 - -0.0799)* | *-0.0342 (-0.0419 - -0.0265)* | *0.0130 (0.0050 - 0.0209)* | *-0.0614 (-0.0796 - -0.0432)* | *-0.0520 (-0.0752 - -0.0287)* | *-0.0321 (-0.0535 - -0.0107)* | -0.0108 (-0.0298 - 0.0083) |
| 4 | *-0.0882 (-0.0947 - -0.0817)* | *-0.1011 (-0.1082 - -0.0940)* | *-0.0400 (-0.0477 - -0.0323)* | *0.0211 (0.0129 - 0.0292)* | *-0.0837 (-0.0995 - -0.0679)* | *-0.0636 (-0.0855 - -0.0417)* | *-0.0457 (-0.0664 - -0.0251)* | *-0.0193 (-0.0379 - -0.0007)* |
| 5 | *-0.1044 (-0.1103 - -0.0984)* | *-0.1128 (-0.1196 - -0.1061)* | *-0.0474 (-0.0550 - -0.0398)* | *0.0285 (0.0202 - 0.0369)* | *-0.0965 (-0.1110 - -0.0821)* | *-0.0795 (-0.0995 - -0.0595)* | *-0.0545 (-0.0744 - -0.0346)* | *-0.0291 (-0.0472 - -0.0111)* |
| 6 | *-0.1248 (-0.1301 - -0.1196)* | *-0.1209 (-0.1274 - -0.1144)* | *-0.0545 (-0.0620 - -0.0470)* | *0.0330 (0.0245 - 0.0415)* | *-0.1082 (-0.1216 - -0.0949)* | *-0.0980 (-0.1161 - -0.0799)* | *-0.0691 (-0.0883 - -0.0499)* | *-0.0405 (-0.0582 - -0.0228)* |
| 7 | *-0.1361 (-0.1409 - -0.1313)* | *-0.1265 (-0.1329 - -0.1201)* | *-0.0527 (-0.0604 - -0.0451)* | *0.0320 (0.0235 - 0.0406)* | *-0.1126 (-0.1255 - -0.0996)* | *-0.1039 (-0.1214 - -0.0864)* | *-0.0825 (-0.1010 - -0.0641)* | *-0.0506 (-0.0678 - -0.0334)* |
| 8 | *-0.1445 (-0.1490 - -0.1400)* | *-0.1299 (-0.1361 - -0.1236)* | *-0.0524 (-0.0601 - -0.0448)* | *0.0313 (0.0227 - 0.0399)* | *-0.1146 (-0.1273 - -0.1019)* | *-0.1045 (-0.1218 - -0.0872)* | *-0.0803 (-0.0987 - -0.0618)* | *-0.0554 (-0.0723 - -0.0385)* |
| 9 | *-0.1556 (-0.1598 - -0.1515)* | *-0.1293 (-0.1357 - -0.1230)* | *-0.0572 (-0.0649 - -0.0496)* | *0.0285 (0.0199 - 0.0372)* | *-0.1195 (-0.1316 - -0.1073)* | *-0.1136 (-0.1299 - -0.0973)* | *-0.0743 (-0.0930 - -0.0556)* | *-0.0474 (-0.0643 - -0.0304)* |
| Wave | Age: 45-54 | Age: 55-64 | Age: 65+ | | Age: 45-54 | Age: 55-64 | Age: 65+ | |
| 3 | *0.0388 (0.0303 - 0.0473)* | *0.0598 (0.0508 - 0.0689)* | *0.0261 (0.0179 - 0.0343)* | | 0.0057 (-0.0138 - 0.0251) | *0.0510 (0.0295 - 0.0725)* | *0.0407 (0.0164 - 0.0651)* | |
| 4 | *0.0515 (0.0427 - 0.0603)* | *0.0787 (0.0692 - 0.0881)* | *0.0175 (0.0094 - 0.0256)* | | 0.0105 (-0.0091 - 0.0301) | *0.0635 (0.0418 - 0.0853)* | *0.0599 (0.0349 - 0.0848)* | |
| 5 | *0.0606 (0.0516 - 0.0696)* | *0.0955 (0.0857 - 0.1053)* | *0.0110 (0.0030 - 0.0191)* | | 0.0081 (-0.0112 - 0.0274) | *0.0831 (0.0609 - 0.1053)* | *0.0744 (0.0491 - 0.0996)* | |
| 6 | *0.0706 (0.0614 - 0.0799)* | *0.1152 (0.1050 - 0.1255)* | 0.0040 (-0.0041 - 0.0120) | | 0.0123 (-0.0072 - 0.0317) | *0.0994 (0.0767 - 0.1221)* | *0.0925 (0.0667 - 0.1183)* | |
| 7 | *0.0800 (0.0705 - 0.0895)* | *0.1316 (0.1210 - 0.1423)* | *-0.0094 (-0.0172 - -0.0015)* | | 0.0143 (-0.0052 - 0.0339) | *0.1067 (0.0839 - 0.1295)* | *0.1084 (0.0821 - 0.1347)* | |
| 8 | *0.0875 (0.0778 - 0.0971)* | *0.1533 (0.1422 - 0.1644)* | *-0.0275 (-0.0351 - -0.0198)* | | 0.0173 (-0.0022 - 0.0368) | *0.1144 (0.0916 - 0.1372)* | *0.1020 (0.0761 - 0.1278)* | |
| 9 | *0.1001 (0.0901 - 0.1100)* | *0.1743 (0.1627 - 0.1859)* | *-0.0443 (-0.0518 - -0.0368)* | | *0.0228 (0.0033 - 0.0423)* | *0.1128 (0.0904 - 0.1352)* | *0.0942 (0.0690 - 0.1193)* | |

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Emp Stat: Emp, In Educ or Training | Emp Stat: Unemployed | Emp Stat: Retired | Emp Stat: Other | Emp Stat: Emp, In Educ or Training | Emp Stat: Unemployed | Emp Stat: Retired | Emp Stat: Other |
| 3 | *-0.0121 (-0.0170 - -0.0072)* | *-0.0370 (-0.0451 - -0.0290)* | *0.0415 (0.0335 - 0.0496)* | -0.0027 (-0.0108 - 0.0054) | -0.0144 (-0.0289 - 0.0002) | *-0.0344 (-0.0620 - -0.0068)* | *0.0494 (0.0266 - 0.0722)* | -0.0183 (-0.0470 - 0.0104) |
| 4 | *-0.0056 (-0.0105 - -0.0007)* | *-0.0460 (-0.0537 - -0.0382)* | *0.0395 (0.0315 - 0.0476)* | *-0.0091 (-0.0172 - -0.0011)* | *-0.0239 (-0.0385 - -0.0093)* | *-0.0370 (-0.0641 - -0.0100)* | *0.0692 (0.0458 - 0.0926)* | -0.0222 (-0.0504 - 0.0060) |
| 5 | -0.0017 (-0.0066 - 0.0032) | *-0.0486 (-0.0563 - -0.0408)* | *0.0373 (0.0292 - 0.0453)* | *-0.0137 (-0.0217 - -0.0057)* | *-0.0330 (-0.0477 - -0.0184)* | *-0.0332 (-0.0608 - -0.0055)* | *0.0849 (0.0613 - 0.1086)* | -0.0248 (-0.0527 - 0.0031) |
| 6 | 0.0038 (-0.0012 - 0.0087) | *-0.0555 (-0.0631 - -0.0479)* | *0.0353 (0.0272 - 0.0434)* | *-0.0192 (-0.0272 - -0.0112)* | *-0.0480 (-0.0630 - -0.0331)* | *-0.0319 (-0.0600 - -0.0038)* | *0.1075 (0.0832 - 0.1318)* | -0.0203 (-0.0487 - 0.0081) |
| 7 | *0.0122 (0.0072 - 0.0172)* | *-0.0614 (-0.0688 - -0.0539)* | *0.0272 (0.0191 - 0.0353)* | *-0.0236 (-0.0316 - -0.0157)* | *-0.0575 (-0.0726 - -0.0424)* | -0.0278 (-0.0566 - 0.0010) | *0.1288 (0.1038 - 0.1538)* | *-0.0315 (-0.0586 - -0.0044)* |
| 8 | *0.0216 (0.0166 - 0.0266)* | *-0.0633 (-0.0707 - -0.0558)* | *0.0143 (0.0063 - 0.0223)* | *-0.0265 (-0.0345 - -0.0186)* | *-0.0542 (-0.0690 - -0.0393)* | *-0.0327 (-0.0604 - -0.0049)* | *0.1277 (0.1030 - 0.1524)* | *-0.0358 (-0.0624 - -0.0092)* |
| 9 | *0.0315 (0.0265 - 0.0365)* | *-0.0695 (-0.0769 - -0.0622)* | 0.0038 (-0.0042 - 0.0117) | *-0.0310 (-0.0390 - -0.0230)* | *-0.0498 (-0.0643 - -0.0352)* | -0.0264 (-0.0546 - 0.0019) | *0.1231 (0.0989 - 0.1473)* | *-0.0449 (-0.0702 - -0.0196)* |

| Wave | HH Comp: 1 adult, no children | HH Comp: 1 adult, children | HH Comp: couple, no children | HH Comp: couple, children | HH Comp: 1 adult, no children | HH Comp: 1 adult, children | HH Comp: couple, no children | HH Comp: couple, children |
|---|---|---|---|---|---|---|---|---|
| 3 | 0.0080 (-0.0001 - 0.0161) | -0.0029 (-0.0113 - 0.0056) | *0.0440 (0.0368 - 0.0512)* | *0.0194 (0.0118 - 0.0270)* | 0.0075 (-0.0181 - 0.0331) | -0.0210 (-0.0462 - 0.0042) | *0.0670 (0.0481 - 0.0859)* | -0.0177 (-0.0354 - 0.0001) |
| 4 | *0.0114 (0.0033 - 0.0196)* | *-0.0101 (-0.0184 - -0.0018)* | *0.0561 (0.0488 - 0.0635)* | *0.0198 (0.0121 - 0.0275)* | 0.0119 (-0.0139 - 0.0378) | *-0.0298 (-0.0534 - -0.0062)* | *0.0857 (0.0665 - 0.1050)* | *-0.0312 (-0.0485 - -0.0139)* |
| 5 | *0.0139 (0.0057 - 0.0222)* | *-0.0150 (-0.0232 - -0.0068)* | *0.0657 (0.0582 - 0.0732)* | *0.0200 (0.0122 - 0.0278)* | 0.0170 (-0.0091 - 0.0431) | *-0.0401 (-0.0618 - -0.0185)* | *0.1090 (0.0895 - 0.1284)* | *-0.0484 (-0.0650 - -0.0318)* |
| 6 | *0.0182 (0.0098 - 0.0266)* | *-0.0259 (-0.0339 - -0.0180)* | *0.0731 (0.0655 - 0.0808)* | *0.0188 (0.0109 - 0.0267)* | 0.0208 (-0.0056 - 0.0472) | *-0.0579 (-0.0769 - -0.0390)* | *0.1313 (0.1114 - 0.1512)* | *-0.0724 (-0.0883 - -0.0564)* |
| 7 | *0.0167 (0.0083 - 0.0252)* | *-0.0311 (-0.0390 - -0.0233)* | *0.0846 (0.0768 - 0.0924)* | *0.0124 (0.0045 - 0.0203)* | *0.0327 (0.0057 - 0.0598)* | *-0.0637 (-0.0815 - -0.0459)* | *0.1455 (0.1254 - 0.1657)* | *-0.0901 (-0.1055 - -0.0747)* |
| 8 | *0.0119 (0.0035 - 0.0204)* | *-0.0360 (-0.0438 - -0.0283)* | *0.0962 (0.0882 - 0.1043)* | *0.0085 (0.0006 - 0.0164)* | *0.0273 (0.0007 - 0.0539)* | *-0.0681 (-0.0852 - -0.0510)* | *0.1497 (0.1297 - 0.1697)* | *-0.0955 (-0.1107 - -0.0804)* |
| 9 | 0.0080 (-0.0004 - 0.0165) | *-0.0439 (-0.0515 - -0.0364)* | *0.1029 (0.0947 - 0.1111)* | 0.0058 (-0.0022 - 0.0138) | *0.0285 (0.0020 - 0.0549)* | *-0.0677 (-0.0848 - -0.0506)* | *0.1454 (0.1258 - 0.1650)* | *-0.0861 (-0.1015 - -0.0708)* |

| Wave | HH Comp: 2+ adults, no children | HH Comp: 2+ adults, children | HH Comp: 2+ adults, no children | HH Comp: 2+ adults, children |
|---|---|---|---|---|
| 3 | *-0.0536 (-0.0615 - -0.0457)* | *-0.0393 (-0.0476 - -0.0311)* | *-0.0306 (-0.0526 - -0.0086)* | *-0.0410 (-0.0619 - -0.0200)* |
| 4 | *-0.0628 (-0.0706 - -0.0551)* | *-0.0470 (-0.0551 - -0.0389)* | *-0.0286 (-0.0505 - -0.0067)* | *-0.0565 (-0.0762 - -0.0367)* |
| 5 | *-0.0666 (-0.0744 - -0.0588)* | *-0.0581 (-0.0660 - -0.0502)* | *-0.0358 (-0.0572 - -0.0143)* | *-0.0613 (-0.0807 - -0.0419)* |
| 6 | *-0.0659 (-0.0738 - -0.0580)* | *-0.0674 (-0.0751 - -0.0596)* | *-0.0337 (-0.0553 - -0.0122)* | *-0.0627 (-0.0819 - -0.0434)* |
| 7 | *-0.0642 (-0.0722 - -0.0563)* | *-0.0740 (-0.0816 - -0.0663)* | *-0.0428 (-0.0638 - -0.0218)* | *-0.0600 (-0.0794 - -0.0406)* |
| 8 | *-0.0647 (-0.0728 - -0.0567)* | *-0.0778 (-0.0855 - -0.0702)* | *-0.0344 (-0.0554 - -0.0133)* | *-0.0622 (-0.0813 - -0.0431)* |
| 9 | *-0.0585 (-0.0667 - -0.0502)* | *-0.0833 (-0.0909 - -0.0756)* | *-0.0392 (-0.0598 - -0.0187)* | *-0.0629 (-0.0819 - -0.0440)* |

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Mar Stat: Single | Mar Stat: Married | Mar Stat: Separated/Divorced | Mar Stat: Widowed | Mar Stat: Single | Mar Stat: Married | Mar Stat: Separated/Divorced | Mar Stat: Widowed |
| 3 | *-0.0917 (-0.0980 - -0.0855)* | *0.0575 (0.0519 - 0.0630)* | *0.0322 (0.0234 - 0.0411)* | 0.0067 (-0.0030 - 0.0165) | *-0.0550 (-0.0743 - -0.0357)* | *0.0420 (0.0264 - 0.0576)* | 0.0147 (-0.0105 - 0.0399) | -0.0181 (-0.0474 - 0.0112) |
| 4 | *-0.1091 (-0.1153 - -0.1029)* | *0.0713 (0.0657 - 0.0769)* | *0.0373 (0.0283 - 0.0463)* | 0.0013 (-0.0083 - 0.0109) | *-0.0687 (-0.0877 - -0.0497)* | *0.0517 (0.0361 - 0.0672)* | 0.0159 (-0.0092 - 0.0410) | -0.0160 (-0.0455 - 0.0135) |
| 5 | *-0.1219 (-0.1280 - -0.1157)* | *0.0805 (0.0748 - 0.0862)* | *0.0450 (0.0358 - 0.0543)* | -0.0047 (-0.0142 - 0.0047) | *-0.0856 (-0.1041 - -0.0671)* | *0.0587 (0.0433 - 0.0741)* | 0.0251 (-0.0005 - 0.0508) | -0.0084 (-0.0390 - 0.0221) |
| 6 | *-0.1358 (-0.1419 - -0.1297)* | *0.0932 (0.0875 - 0.0990)* | *0.0502 (0.0407 - 0.0597)* | *-0.0146 (-0.0238 - -0.0055)* | *-0.1021 (-0.1204 - -0.0838)* | *0.0694 (0.0540 - 0.0849)* | *0.0263 (0.0005 - 0.0521)* | -0.0027 (-0.0341 - 0.0288) |
| 7 | *-0.1413 (-0.1475 - -0.1352)* | *0.0994 (0.0936 - 0.1052)* | *0.0549 (0.0452 - 0.0645)* | *-0.0247 (-0.0335 - -0.0158)* | *-0.1114 (-0.1295 - -0.0932)* | *0.0758 (0.0603 - 0.0912)* | 0.0253 (-0.0005 - 0.0510) | 0.0023 (-0.0294 - 0.0340) |
| 8 | *-0.1494 (-0.1556 - -0.1432)* | *0.1111 (0.1052 - 0.1170)* | *0.0563 (0.0465 - 0.0661)* | *-0.0398 (-0.0481 - -0.0314)* | *-0.1130 (-0.1309 - -0.0951)* | *0.0782 (0.0629 - 0.0935)* | 0.0208 (-0.0045 - 0.0461) | 0.0053 (-0.0267 - 0.0373) |
| 9 | *-0.1575 (-0.1637 - -0.1512)* | *0.1212 (0.1152 - 0.1272)* | *0.0559 (0.0460 - 0.0658)* | *-0.0487 (-0.0568 - -0.0406)* | *-0.1151 (-0.1328 - -0.0974)* | *0.0799 (0.0649 - 0.0950)* | 0.0220 (-0.0030 - 0.0469) | 0.0031 (-0.0282 - 0.0344) |
| Wave | High Qual: Degree | High Qual: A-Level | High Qual: GCSE | High Qual: Other | High Qual: Degree | High Qual: A-Level | High Qual: GCSE | High Qual: Other |
| 3 | *0.0377 (0.0308 - 0.0447)* | *-0.0150 (-0.0228 - -0.0072)* | *-0.0113 (-0.0188 - -0.0038)* | 0.0040 (-0.0048 - 0.0128) | *0.0251 (0.0090 - 0.0412)* | -0.0048 (-0.0249 - 0.0153) | -0.0056 (-0.0273 - 0.0161) | -0.0178 (-0.0466 - 0.0110) |
| 4 | *0.0584 (0.0512 - 0.0656)* | *-0.0188 (-0.0265 - -0.0110)* | *-0.0157 (-0.0232 - -0.0082)* | 0.0041 (-0.0047 - 0.0130) | *0.0293 (0.0133 - 0.0454)* | -0.0066 (-0.0267 - 0.0135) | -0.0068 (-0.0284 - 0.0147) | -0.0191 (-0.0478 - 0.0096) |
| 5 | *0.0723 (0.0649 - 0.0796)* | *-0.0223 (-0.0301 - -0.0145)* | *-0.0194 (-0.0270 - -0.0119)* | 0.0032 (-0.0057 - 0.0121) | *0.0394 (0.0234 - 0.0555)* | -0.0067 (-0.0266 - 0.0133) | -0.0149 (-0.0360 - 0.0062) | *-0.0293 (-0.0568 - -0.0018)* |
| 6 | *0.0966 (0.0890 - 0.1042)* | *-0.0275 (-0.0353 - -0.0197)* | *-0.0269 (-0.0344 - -0.0194)* | -0.0015 (-0.0103 - 0.0073) | *0.0402 (0.0241 - 0.0563)* | -0.0155 (-0.0352 - 0.0043) | -0.0085 (-0.0298 - 0.0128) | *-0.0285 (-0.0560 - -0.0009)* |
| 7 | *0.1147 (0.1068 - 0.1225)* | *-0.0308 (-0.0386 - -0.0230)* | *-0.0272 (-0.0348 - -0.0196)* | *-0.0091 (-0.0178 - -0.0004)* | *0.0430 (0.0269 - 0.0592)* | -0.0172 (-0.0369 - 0.0025) | -0.0093 (-0.0305 - 0.0119) | *-0.0363 (-0.0628 - -0.0099)* |
| 8 | *0.1281 (0.1201 - 0.1361)* | *-0.0317 (-0.0396 - -0.0238)* | *-0.0286 (-0.0363 - -0.0209)* | *-0.0128 (-0.0214 - -0.0042)* | *0.0478 (0.0318 - 0.0638)* | *-0.0210 (-0.0404 - -0.0016)* | -0.0096 (-0.0306 - 0.0115) | *-0.0333 (-0.0598 - -0.0068)* |
| 9 | *0.1381 (0.1299 - 0.1463)* | *-0.0297 (-0.0377 - -0.0217)* | *-0.0286 (-0.0363 - -0.0208)* | *-0.0164 (-0.0250 - -0.0078)* | *0.0585 (0.0426 - 0.0744)* | *-0.0289 (-0.0478 - -0.0099)* | -0.0069 (-0.0279 - 0.0141) | *-0.0340 (-0.0602 - -0.0079)* |
| Wave | High Qual: None | Tenure: Owned | Tenure: Rented | Tenure: Other | High Qual: None | Tenure: Owned | Tenure: Rented | Tenure: Other |
| 3 | *-0.0266 (-0.0341 - -0.0191)* | *0.0540 (0.0499 - 0.0580)* | *-0.0808 (-0.0869 - -0.0747)* | *-0.0100 (-0.0184 - -0.0015)* | -0.0227 (-0.0569 - 0.0115) | *0.0258 (0.0114 - 0.0402)* | *-0.0397 (-0.0621 - -0.0174)* | -0.0030 (-0.0180 - 0.0119) |
| 4 | *-0.0464 (-0.0536 - -0.0391)* | *0.0689 (0.0650 - 0.0728)* | *-0.1040 (-0.1099 - -0.0980)* | -0.0054 (-0.0146 - 0.0039) | -0.0262 (-0.0603 - 0.0078) | *0.0360 (0.0218 - 0.0501)* | *-0.0556 (-0.0776 - -0.0336)* | -0.0020 (-0.0175 - 0.0135) |
| 5 | *-0.0568 (-0.0639 - -0.0497)* | *0.0772 (0.0733 - 0.0811)* | *-0.1162 (-0.1220 - -0.1103)* | *-0.0089 (-0.0176 - -0.0002)* | -0.0249 (-0.0596 - 0.0098) | *0.0462 (0.0324 - 0.0600)* | *-0.0717 (-0.0932 - -0.0502)* | 0.0012 (-0.0157 - 0.0181) |
| 6 | *-0.0727 (-0.0795 - -0.0658)* | *0.0883 (0.0844 - 0.0921)* | *-0.1327 (-0.1386 - -0.1269)* | *-0.0112 (-0.0196 - -0.0028)* | -0.0232 (-0.0585 - 0.0120) | *0.0547 (0.0409 - 0.0684)* | *-0.0849 (-0.1062 - -0.0636)* | 0.0024 (-0.0151 - 0.0199) |
| 7 | *-0.0878 (-0.0944 - -0.0812)* | *0.0969 (0.0930 - 0.1007)* | *-0.1452 (-0.1510 - -0.1394)* | *-0.0167 (-0.0242 - -0.0092)* | -0.0170 (-0.0533 - 0.0193) | *0.0625 (0.0490 - 0.0761)* | *-0.0971 (-0.1180 - -0.0761)* | 0.0019 (-0.0155 - 0.0194) |
| 8 | *-0.1009 (-0.1074 - -0.0944)* | *0.1052 (0.1014 - 0.1091)* | *-0.1577 (-0.1634 - -0.1519)* | *-0.0191 (-0.0263 - -0.0120)* | -0.0247 (-0.0599 - 0.0104) | *0.0712 (0.0581 - 0.0844)* | *-0.1106 (-0.1310 - -0.0901)* | 0.0021 (-0.0155 - 0.0196) |
| 9 | *-0.1141 (-0.1205 - -0.1078)* | *0.1166 (0.1128 - 0.1204)* | *-0.1752 (-0.1809 - -0.1695)* | *-0.0170 (-0.0246 - -0.0093)* | *-0.0407 (-0.0736 - -0.0078)* | *0.0788 (0.0661 - 0.0916)* | *-0.1217 (-0.1415 - -0.1019)* | -0.0064 (-0.0205 - 0.0077) |

*Abbrev.:* Employment Status – Emp Stat; Employed, In Education or Training – Emp, In Educ or Training; Household Composition – HH Comp; Marital Status – Mar Stat; Highest Qualification – High Qual; Housing Tenure – Tenure

*Note.* 95% CIs in brackets. Italics indicate statistical significance at the 5% level ($p<.05$).

**Table A6**

*Covariate Category $CV_c$s for the Longitudinal UKHLS Main Survey and COVID-19 Study Datasets*

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Sex: Male | Sex: Female | Ethnicity: No | Ethnicity: Yes | Sex: Male | Sex: Female | Ethnicity: No | Ethnicity: Yes |
| 3 | *0.0158 (0.0112 - 0.0204)* | *0.0163 (0.0115 - 0.0210)* | *0.0222 (0.0194 - 0.0250)* | *0.0474 (0.0413 - 0.0534)* | *0.0224 (0.0162 - 0.0286)* | *0.0226 (0.0163 - 0.0288)* | *0.0106 (0.0065 - 0.0147)* | *0.0209 (0.0128 - 0.0290)* |
| 4 | *0.0208 (0.0154 - 0.0263)* | *0.0213 (0.0158 - 0.0269)* | *0.0260 (0.0229 - 0.0292)* | *0.0565 (0.0496 - 0.0634)* | *0.0195 (0.0124 - 0.0266)* | *0.0197 (0.0125 - 0.0268)* | *0.0138 (0.0093 - 0.0183)* | *0.0277 (0.0187 - 0.0368)* |
| 5 | *0.0238 (0.0177 - 0.0298)* | *0.0243 (0.0181 - 0.0305)* | *0.0296 (0.0262 - 0.0330)* | *0.0650 (0.0575 - 0.0725)* | *0.0244 (0.0163 - 0.0324)* | *0.0246 (0.0165 - 0.0327)* | *0.0168 (0.0120 - 0.0217)* | *0.0344 (0.0244 - 0.0443)* |
| 6 | *0.0269 (0.0199 - 0.0338)* | *0.0275 (0.0204 - 0.0346)* | *0.0321 (0.0283 - 0.0358)* | *0.0715 (0.0631 - 0.0799)* | *0.0243 (0.0152 - 0.0333)* | *0.0245 (0.0154 - 0.0337)* | *0.0178 (0.0126 - 0.0230)* | *0.0370 (0.0261 - 0.0478)* |
| 7 | *0.0293 (0.0217 - 0.0370)* | *0.0301 (0.0222 - 0.0379)* | *0.0341 (0.0301 - 0.0382)* | *0.0770 (0.0679 - 0.0861)* | *0.0281 (0.0183 - 0.0379)* | *0.0284 (0.0185 - 0.0383)* | *0.0205 (0.0151 - 0.0260)* | *0.0431 (0.0316 - 0.0546)* |
| 8 | *0.0317 (0.0234 - 0.0399)* | *0.0325 (0.0240 - 0.0410)* | *0.0351 (0.0308 - 0.0394)* | *0.0798 (0.0700 - 0.0896)* | *0.0275 (0.0171 - 0.0378)* | *0.0278 (0.0173 - 0.0382)* | *0.0221 (0.0165 - 0.0277)* | *0.0467 (0.0347 - 0.0587)* |
| 9 | *0.0369 (0.0279 - 0.0460)* | *0.0380 (0.0287 - 0.0474)* | *0.0375 (0.0329 - 0.0420)* | *0.0866 (0.0761 - 0.0971)* | *0.0335 (0.0222 - 0.0448)* | *0.0340 (0.0225 - 0.0454)* | *0.0225 (0.0166 - 0.0285)* | *0.0484 (0.0355 - 0.0614)* |

| Wave | Age: 16-19 | Age: 20-24 | Age: 25-34 | Age: 35-44 | Age: 16-19 | Age: 20-24 | Age: 25-34 | Age: 35-44 |
|---|---|---|---|---|---|---|---|---|
| 3 | *0.0183 (0.0138 - 0.0228)* | *0.0285 (0.0234 - 0.0336)* | *0.0274 (0.0242 - 0.0305)* | *0.0243 (0.0217 - 0.0269)* | *0.0168 (0.0103 - 0.0234)* | *0.0164 (0.0101 - 0.0226)* | *0.0234 (0.0175 - 0.0292)* | *0.0181 (0.0147 - 0.0215)* |
| 4 | *0.0265 (0.0213 - 0.0316)* | *0.0332 (0.0276 - 0.0388)* | *0.0348 (0.0310 - 0.0387)* | *0.0307 (0.0276 - 0.0338)* | *0.0244 (0.0170 - 0.0318)* | *0.0214 (0.0147 - 0.0282)* | *0.0328 (0.0260 - 0.0397)* | *0.0249 (0.0210 - 0.0288)* |
| 5 | *0.0316 (0.0261 - 0.0370)* | *0.0381 (0.0321 - 0.0440)* | *0.0428 (0.0383 - 0.0473)* | *0.0370 (0.0333 - 0.0406)* | *0.0263 (0.0185 - 0.0342)* | *0.0280 (0.0201 - 0.0359)* | *0.0376 (0.0303 - 0.0449)* | *0.0292 (0.0249 - 0.0335)* |
| 6 | *0.0381 (0.0322 - 0.0441)* | *0.0407 (0.0343 - 0.0471)* | *0.0509 (0.0454 - 0.0563)* | *0.0427 (0.0386 - 0.0469)* | *0.0274 (0.0193 - 0.0355)* | *0.0375 (0.0284 - 0.0467)* | *0.0446 (0.0366 - 0.0527)* | *0.0339 (0.0290 - 0.0388)* |
| 7 | *0.0418 (0.0355 - 0.0481)* | *0.0443 (0.0374 - 0.0512)* | *0.0542 (0.0483 - 0.0600)* | *0.0453 (0.0410 - 0.0496)* | *0.0271 (0.0187 - 0.0355)* | *0.0381 (0.0286 - 0.0477)* | *0.0491 (0.0401 - 0.0582)* | *0.0355 (0.0304 - 0.0407)* |
| 8 | *0.0434 (0.0369 - 0.0500)* | *0.0450 (0.0377 - 0.0522)* | *0.0558 (0.0495 - 0.0622)* | *0.0462 (0.0418 - 0.0507)* | *0.0274 (0.0187 - 0.0360)* | *0.0393 (0.0294 - 0.0493)* | *0.0470 (0.0380 - 0.0561)* | *0.0350 (0.0296 - 0.0403)* |
| 9 | *0.0480 (0.0411 - 0.0548)* | *0.0436 (0.0361 - 0.0510)* | *0.0601 (0.0529 - 0.0673)* | *0.0491 (0.0443 - 0.0538)* | *0.0300 (0.0210 - 0.0391)* | *0.0451 (0.0345 - 0.0558)* | *0.0474 (0.0383 - 0.0565)* | *0.0363 (0.0304 - 0.0421)* |

| Wave | Age: 45-54 | Age: 55-64 | Age: 65+ | Age: 45-54 | Age: 55-64 | Age: 65+ |
|---|---|---|---|---|---|---|
| 3 | *0.0284 (0.0242 - 0.0326)* | *0.0302 (0.0253 - 0.0351)* | *0.0099 (0.0063 - 0.0135)* | *0.0234 (0.0192 - 0.0277)* | *0.0285 (0.0226 - 0.0344)* | *0.0063 (0.0032 - 0.0094)* |
| 4 | *0.0345 (0.0295 - 0.0395)* | *0.0399 (0.0339 - 0.0459)* | *0.0173 (0.0124 - 0.0222)* | *0.0322 (0.0268 - 0.0375)* | *0.0346 (0.0279 - 0.0414)* | *0.0091 (0.0046 - 0.0136)* |
| 5 | *0.0397 (0.0341 - 0.0452)* | *0.0490 (0.0422 - 0.0559)* | *0.0224 (0.0169 - 0.0280)* | *0.0376 (0.0318 - 0.0434)* | *0.0440 (0.0361 - 0.0520)* | *0.0111 (0.0062 - 0.0161)* |
| 6 | *0.0452 (0.0388 - 0.0515)* | *0.0598 (0.0517 - 0.0678)* | *0.0275 (0.0210 - 0.0339)* | *0.0437 (0.0367 - 0.0507)* | *0.0488 (0.0395 - 0.0580)* | *0.0112 (0.0063 - 0.0161)* |
| 7 | *0.0492 (0.0420 - 0.0563)* | *0.0687 (0.0597 - 0.0777)* | *0.0348 (0.0274 - 0.0421)* | *0.0474 (0.0394 - 0.0553)* | *0.0509 (0.0406 - 0.0611)* | *0.0111 (0.0066 - 0.0156)* |
| 8 | *0.0507 (0.0431 - 0.0582)* | *0.0816 (0.0716 - 0.0916)* | *0.0440 (0.0359 - 0.0520)* | *0.0471 (0.0386 - 0.0556)* | *0.0527 (0.0418 - 0.0637)* | *0.0124 (0.0063 - 0.0186)* |
| 9 | *0.0562 (0.0476 - 0.0647)* | *0.0951 (0.0841 - 0.1062)* | *0.0545 (0.0456 - 0.0634)* | *0.0480 (0.0387 - 0.0574)* | *0.0520 (0.0398 - 0.0641)* | *0.0142 (0.0056 - 0.0227)* |

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Emp Stat: Emp, In Educ or Training | Emp Stat: Unemployed | Emp Stat: Retired | Emp Stat: Other | Emp Stat: Emp, In Educ or Training | Emp Stat: Unemployed | Emp Stat: Retired | Emp Stat: Other |
| 3 | *0.0070 (0.0026 - 0.0114)* | 0.0032 (-0.0035 - 0.0100) | *0.0066 (0.0022 - 0.0111)* | *0.0046 (0.0001 - 0.0091)* | *0.0068 (0.0023 - 0.0113)* | *0.0105 (0.0026 - 0.0183)* | 0.0031 (-0.0031 - 0.0092) | 0.0056 (-0.0012 - 0.0124) |
| 4 | *0.0067 (0.0016 - 0.0119)* | 0.0044 (-0.0034 - 0.0122) | *0.0072 (0.0018 - 0.0127)* | 0.0038 (-0.0013 - 0.0088) | *0.0056 (0.0000 - 0.0112)* | 0.0084 (-0.0005 - 0.0173) | 0.0036 (-0.0039 - 0.0110) | 0.0044 (-0.0041 - 0.0128) |
| 5 | 0.0052 (-0.0007 - 0.0110) | 0.0027 (-0.0078 - 0.0133) | 0.0060 (-0.0004 - 0.0124) | 0.0040 (-0.0036 - 0.0116) | 0.0017 (-0.0124 - 0.0159) | 0.0013 (-0.0246 - 0.0272) | 0.0015 (-0.0139 - 0.0169) | 0.0021 (-0.0134 - 0.0176) |
| 6 | 0.0046 (-0.0020 - 0.0112) | 0.0037 (-0.0075 - 0.0148) | 0.0054 (-0.0025 - 0.0132) | 0.0050 (-0.0044 - 0.0144) | 0.0070 (-0.0024 - 0.0165) | 0.0034 (-0.0116 - 0.0184) | 0.0055 (-0.0043 - 0.0153) | 0.0045 (-0.0075 - 0.0165) |
| 7 | 0.0046 (-0.0021 - 0.0113) | 0.0062 (-0.0045 - 0.0169) | 0.0040 (-0.0057 - 0.0138) | 0.0059 (-0.0046 - 0.0165) | *0.0125 (0.0028 - 0.0223)* | 0.0091 (-0.0029 - 0.0211) | *0.0115 (0.0016 - 0.0214)* | 0.0038 (-0.0079 - 0.0155) |
| 8 | 0.0053 (-0.0028 - 0.0135) | 0.0056 (-0.0064 - 0.0176) | 0.0011 (-0.0248 - 0.0270) | 0.0069 (-0.0047 - 0.0185) | *0.0145 (0.0039 - 0.0250)* | 0.0061 (-0.0076 - 0.0199) | *0.0141 (0.0037 - 0.0244)* | 0.0045 (-0.0072 - 0.0162) |
| 9 | 0.0085 (-0.0001 - 0.0172) | 0.0083 (-0.0038 - 0.0203) | 0.0032 (-0.0109 - 0.0173) | 0.0093 (-0.0028 - 0.0214) | *0.0168 (0.0056 - 0.0280)* | 0.0123 (-0.0011 - 0.0257) | *0.0160 (0.0045 - 0.0276)* | 0.0088 (-0.0034 - 0.0211) |

| Wave | HH Comp: 1 adult, no children | HH Comp: 1 adult, children | HH Comp: couple, no children | HH Comp: couple, children | HH Comp: 1 adult, no children | HH Comp: 1 adult, children | HH Comp: couple, no children | HH Comp: couple, children |
|---|---|---|---|---|---|---|---|---|
| 3 | *0.0069 (0.0051 - 0.0087)* | *0.0148 (0.0096 - 0.0200)* | *0.0111 (0.0088 - 0.0134)* | *0.0219 (0.0170 - 0.0267)* | *0.0059 (0.0009 - 0.0109)* | 0.0058 (-0.0014 - 0.0131) | *0.0234 (0.0166 - 0.0301)* | *0.0068 (0.0033 - 0.0103)* |
| 4 | *0.0097 (0.0055 - 0.0139)* | *0.0138 (0.0077 - 0.0199)* | *0.0135 (0.0096 - 0.0174)* | *0.0198 (0.0142 - 0.0254)* | *0.0066 (0.0011 - 0.0121)* | 0.0073 (-0.0008 - 0.0153) | *0.0284 (0.0206 - 0.0363)* | *0.0096 (0.0044 - 0.0149)* |
| 5 | *0.0120 (0.0067 - 0.0174)* | *0.0123 (0.0057 - 0.0190)* | *0.0163 (0.0112 - 0.0214)* | *0.0195 (0.0134 - 0.0257)* | *0.0082 (0.0031 - 0.0133)* | *0.0121 (0.0032 - 0.0211)* | *0.0412 (0.0323 - 0.0501)* | *0.0167 (0.0094 - 0.0241)* |
| 6 | *0.0180 (0.0110 - 0.0250)* | *0.0083 (0.0010 - 0.0157)* | *0.0156 (0.0098 - 0.0214)* | *0.0175 (0.0106 - 0.0243)* | *0.0110 (0.0057 - 0.0162)* | *0.0219 (0.0120 - 0.0318)* | *0.0513 (0.0412 - 0.0615)* | *0.0305 (0.0212 - 0.0398)* |
| 7 | *0.0208 (0.0129 - 0.0287)* | 0.0064 (-0.0013 - 0.0141) | *0.0223 (0.0146 - 0.0300)* | *0.0120 (0.0059 - 0.0182)* | *0.0174 (0.0090 - 0.0258)* | *0.0228 (0.0124 - 0.0333)* | *0.0560 (0.0451 - 0.0670)* | *0.0401 (0.0297 - 0.0505)* |
| 8 | *0.0262 (0.0175 - 0.0349)* | 0.0061 (-0.0013 - 0.0134) | *0.0296 (0.0208 - 0.0383)* | *0.0104 (0.0068 - 0.0139)* | *0.0159 (0.0081 - 0.0238)* | *0.0246 (0.0137 - 0.0354)* | *0.0601 (0.0486 - 0.0716)* | *0.0459 (0.0349 - 0.0568)* |
| 9 | *0.0299 (0.0203 - 0.0395)* | 0.0055 (-0.0010 - 0.0120) | *0.0333 (0.0237 - 0.0430)* | *0.0121 (0.0070 - 0.0171)* | *0.0165 (0.0075 - 0.0255)* | *0.0254 (0.0137 - 0.0370)* | *0.0577 (0.0451 - 0.0703)* | *0.0434 (0.0316 - 0.0552)* |

| Wave | HH Comp: 2+ adults, no children | HH Comp: 2+ adults, children | HH Comp: 2+ adults, no children | HH Comp: 2+ adults, children |
|---|---|---|---|---|
| 3 | *0.0300 (0.0243 - 0.0358)* | *0.0130 (0.0087 - 0.0174)* | | *0.0083 (0.0013 - 0.0154)* |
| 4 | *0.0370 (0.0303 - 0.0437)* | *0.0135 (0.0082 - 0.0188)* | *0.0170 (0.0101 - 0.0240)* | *0.0127 (0.0041 - 0.0214)* |
| 5 | *0.0394 (0.0320 - 0.0468)* | *0.0176 (0.0108 - 0.0245)* | *0.0235 (0.0156 - 0.0314)* | *0.0117 (0.0033 - 0.0202)* |
| 6 | *0.0385 (0.0301 - 0.0469)* | *0.0201 (0.0118 - 0.0285)* | *0.0242 (0.0168 - 0.0315)* | *0.0119 (0.0062 - 0.0176)* |
| 7 | *0.0391 (0.0299 - 0.0483)* | *0.0234 (0.0139 - 0.0328)* | *0.0293 (0.0206 - 0.0381)* | *0.0139 (0.0085 - 0.0194)* |
| 8 | *0.0420 (0.0322 - 0.0518)* | *0.0261 (0.0159 - 0.0363)* | *0.0276 (0.0199 - 0.0353)* | *0.0152 (0.0101 - 0.0203)* |
| 9 | *0.0400 (0.0295 - 0.0504)* | *0.0309 (0.0197 - 0.0421)* | *0.0284 (0.0191 - 0.0377)* | *0.0147 (0.0084 - 0.0210)* |

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Mar Stat: Single | Mar Stat: Married | Mar Stat: Separated/Divorced | Mar Stat: Widowed | Mar Stat: Single | Mar Stat: Married | Mar Stat: Separated/Divorced | Mar Stat: Widowed |
| 3 | *0.0088 (0.0038 - 0.0137)* | *0.0039 (0.0011 - 0.0067)* | *0.0126 (0.0071 - 0.0181)* | *0.0045 (0.0002 - 0.0089)* | *0.0085 (0.0037 - 0.0133)* | *0.0066 (0.0038 - 0.0094)* | *0.0101 (0.0060 - 0.0143)* | *0.0190 (0.0124 - 0.0256)* |
| 4 | *0.0098 (0.0038 - 0.0157)* | *0.0046 (0.0009 - 0.0083)* | *0.0126 (0.0061 - 0.0191)* | *0.0056 (0.0003 - 0.0108)* | *0.0122 (0.0059 - 0.0185)* | *0.0079 (0.0047 - 0.0112)* | *0.0113 (0.0070 - 0.0156)* | *0.0212 (0.0138 - 0.0287)* |
| 5 | *0.0102 (0.0038 - 0.0167)* | *0.0048 (0.0011 - 0.0086)* | *0.0152 (0.0080 - 0.0224)* | *0.0080 (0.0022 - 0.0138)* | *0.0106 (0.0030 - 0.0182)* | *0.0072 (0.0028 - 0.0115)* | *0.0112 (0.0047 - 0.0177)* | *0.0189 (0.0106 - 0.0272)* |
| 6 | *0.0123 (0.0051 - 0.0194)* | *0.0073 (0.0026 - 0.0121)* | *0.0173 (0.0094 - 0.0252)* | *0.0143 (0.0076 - 0.0209)* | *0.0107 (0.0019 - 0.0195)* | *0.0068 (0.0020 - 0.0116)* | *0.0106 (0.0034 - 0.0178)* | *0.0188 (0.0094 - 0.0282)* |
| 7 | *0.0131 (0.0053 - 0.0209)* | *0.0077 (0.0026 - 0.0128)* | *0.0193 (0.0106 - 0.0280)* | *0.0164 (0.0091 - 0.0237)* | *0.0105 (0.0018 - 0.0191)* | *0.0071 (0.0022 - 0.0120)* | *0.0106 (0.0039 - 0.0174)* | *0.0199 (0.0097 - 0.0301)* |
| 8 | *0.0186 (0.0101 - 0.0272)* | *0.0123 (0.0062 - 0.0184)* | *0.0205 (0.0118 - 0.0292)* | *0.0207 (0.0128 - 0.0286)* | 0.0091 (-0.0008 - 0.0189) | 0.0057 (-0.0001 - 0.0116) | *0.0085 (0.0001 - 0.0170)* | *0.0152 (0.0044 - 0.0260)* |
| 9 | *0.0220 (0.0125 - 0.0315)* | *0.0154 (0.0086 - 0.0223)* | *0.0199 (0.0113 - 0.0286)* | *0.0225 (0.0139 - 0.0312)* | 0.0098 (-0.0017 - 0.0213) | 0.0055 (-0.0010 - 0.0120) | 0.0083 (-0.0013 - 0.0179) | *0.0155 (0.0036 - 0.0275)* |
| Wave | High Qual: Degree | High Qual: A-Level | High Qual: GCSE | High Qual: Other | High Qual: Degree | High Qual: A-Level | High Qual: GCSE | High Qual: Other |
| 3 | *0.0292 (0.0242 - 0.0342)* | *0.0129 (0.0095 - 0.0162)* | *0.0121 (0.0101 - 0.0140)* | *0.0153 (0.0104 - 0.0202)* | *0.0145 (0.0094 - 0.0196)* | *0.0162 (0.0095 - 0.0230)* | *0.0102 (0.0058 - 0.0145)* | *0.0242 (0.0162 - 0.0323)* |
| 4 | *0.0426 (0.0367 - 0.0486)* | *0.0166 (0.0133 - 0.0199)* | *0.0165 (0.0143 - 0.0188)* | *0.0191 (0.0138 - 0.0244)* | *0.0173 (0.0116 - 0.0231)* | *0.0199 (0.0121 - 0.0277)* | *0.0119 (0.0075 - 0.0164)* | *0.0299 (0.0207 - 0.0391)* |
| 5 | *0.0522 (0.0455 - 0.0589)* | *0.0189 (0.0156 - 0.0221)* | *0.0195 (0.0169 - 0.0222)* | *0.0228 (0.0168 - 0.0288)* | *0.0259 (0.0188 - 0.0330)* | *0.0257 (0.0169 - 0.0345)* | *0.0179 (0.0113 - 0.0246)* | *0.0430 (0.0325 - 0.0535)* |
| 6 | *0.0705 (0.0626 - 0.0784)* | *0.0227 (0.0198 - 0.0256)* | *0.0252 (0.0215 - 0.0288)* | *0.0302 (0.0228 - 0.0375)* | *0.0279 (0.0198 - 0.0360)* | *0.0243 (0.0147 - 0.0340)* | *0.0161 (0.0112 - 0.0211)* | *0.0485 (0.0367 - 0.0603)* |
| 7 | *0.0834 (0.0746 - 0.0922)* | *0.0258 (0.0231 - 0.0286)* | *0.0285 (0.0249 - 0.0321)* | *0.0377 (0.0291 - 0.0462)* | *0.0308 (0.0219 - 0.0397)* | *0.0262 (0.0157 - 0.0368)* | *0.0172 (0.0119 - 0.0224)* | *0.0579 (0.0450 - 0.0707)* |
| 8 | *0.0913 (0.0816 - 0.1009)* | *0.0276 (0.0247 - 0.0306)* | *0.0308 (0.0267 - 0.0349)* | *0.0414 (0.0320 - 0.0507)* | *0.0323 (0.0226 - 0.0421)* | *0.0232 (0.0126 - 0.0337)* | *0.0168 (0.0115 - 0.0221)* | *0.0543 (0.0408 - 0.0677)* |
| 9 | *0.0963 (0.0858 - 0.1068)* | *0.0291 (0.0259 - 0.0324)* | *0.0325 (0.0283 - 0.0368)* | *0.0454 (0.0351 - 0.0557)* | *0.0376 (0.0265 - 0.0487)* | *0.0201 (0.0103 - 0.0298)* | *0.0178 (0.0124 - 0.0231)* | *0.0531 (0.0385 - 0.0676)* |
| Wave | High Qual: None | Tenure: Owned | Tenure: Rented | Tenure: Other | High Qual: None | Tenure: Owned | Tenure: Rented | Tenure: Other |
| 3 | *0.0356 (0.0299 - 0.0413)* | *0.0287 (0.0247 - 0.0327)* | *0.0381 (0.0326 - 0.0435)* | *0.0103 (0.0033 - 0.0174)* | *0.0201 (0.0124 - 0.0279)* | *0.0060 (0.0006 - 0.0113)* | *0.0077 (0.0004 - 0.0150)* | 0.0051 (-0.0063 - 0.0165) |
| 4 | *0.0496 (0.0430 - 0.0563)* | *0.0365 (0.0319 - 0.0411)* | *0.0499 (0.0435 - 0.0562)* | 0.0062 (-0.0021 - 0.0145) | *0.0247 (0.0159 - 0.0334)* | *0.0108 (0.0048 - 0.0167)* | *0.0144 (0.0062 - 0.0225)* | 0.0049 (-0.0084 - 0.0182) |
| 5 | *0.0575 (0.0501 - 0.0648)* | *0.0396 (0.0346 - 0.0446)* | *0.0545 (0.0475 - 0.0614)* | *0.0095 (0.0006 - 0.0184)* | *0.0271 (0.0173 - 0.0368)* | *0.0157 (0.0091 - 0.0223)* | *0.0216 (0.0124 - 0.0307)* | 0.0029 (-0.0171 - 0.0229) |
| 6 | *0.0698 (0.0615 - 0.0781)* | *0.0437 (0.0381 - 0.0493)* | *0.0611 (0.0532 - 0.0690)* | *0.0117 (0.0017 - 0.0217)* | *0.0307 (0.0196 - 0.0417)* | *0.0196 (0.0123 - 0.0269)* | *0.0273 (0.0171 - 0.0376)* | 0.0025 (-0.0251 - 0.0301) |
| 7 | *0.0795 (0.0704 - 0.0885)* | *0.0482 (0.0421 - 0.0543)* | *0.0677 (0.0591 - 0.0764)* | *0.0168 (0.0063 - 0.0273)* | *0.0278 (0.0160 - 0.0395)* | *0.0229 (0.0151 - 0.0306)* | *0.0321 (0.0211 - 0.0431)* | 0.0039 (-0.0198 - 0.0276) |
| 8 | *0.0858 (0.0761 - 0.0956)* | *0.0531 (0.0466 - 0.0595)* | *0.0752 (0.0659 - 0.0845)* | *0.0190 (0.0079 - 0.0301)* | *0.0318 (0.0192 - 0.0444)* | *0.0295 (0.0214 - 0.0376)* | *0.0418 (0.0302 - 0.0533)* | 0.0038 (-0.0224 - 0.0300) |
| 9 | *0.0930 (0.0825 - 0.1035)* | *0.0601 (0.0531 - 0.0670)* | *0.0865 (0.0765 - 0.0966)* | *0.0168 (0.0046 - 0.0290)* | *0.0419 (0.0278 - 0.0560)* | *0.0360 (0.0273 - 0.0447)* | *0.0509 (0.0384 - 0.0635)* | 0.0120 (-0.0065 - 0.0305) |

*Abbrev.:* Employment Status – Emp Stat; Employed, In Education or Training – Emp, In Educ or Training; Household Composition – HH Comp; Marital Status – Mar Stat; Highest Qualification – High Qual; Housing Tenure – Tenure

*Note.* 95% CIs in brackets. Italics indicate statistical significance at the 5% level ($p<.05$).

**Table A7**

*Response Rates (RRs) for the Cross-Sectional UKHLS Main Survey and COVID-19 Study Datasets*

| Wave | Main Survey | COVID-19 Study |
|---|---|---|
| 2 | 75 | 79 |
| 3 | 65 | 76 |
| 4 | 59 | 74 |
| 5 | 55 | 70 |
| 6 | 49 | 65 |
| 7 | 46 | 66 |
| 8 | 44 | 70 |
| 9 | 40 | 67 |

*Note.* Response rates are conditional on response to wave 1.

**Table A8**

*Overall CVs for the Cross-Sectional UKHLS Main Survey and COVID-19 Study Datasets*

| Wave | Main Survey | COVID-19 Study |
|---|---|---|
| 2 | *0.11 (0.11 - 0.12)* | *0.11 (0.10 - 0.12)* |
| 3 | *0.16 (0.15 - 0.17)* | *0.12 (0.11 - 0.13)* |
| 4 | *0.19 (0.18 - 0.20)* | *0.14 (0.13 - 0.15)* |
| 5 | *0.21 (0.20 - 0.22)* | *0.16 (0.15 - 0.17)* |
| 6 | *0.24 (0.23 - 0.25)* | *0.20 (0.18 - 0.21)* |
| 7 | *0.26 (0.25 - 0.27)* | *0.20 (0.19 - 0.21)* |
| 8 | *0.28 (0.27 - 0.29)* | *0.15 (0.14 - 0.16)* |
| 9 | *0.31 (0.30 - 0.32)* | *0.13 (0.12 - 0.15)* |

*Note.* 95% Confidence Intervals in brackets. Italics indicate statistical significance at the 5% level ($p<.05$). CVs are conditional on response to wave 1.

**Table A9**

*Covariate $CV_u$s for the Cross-Sectional UKHLS Main Survey and COVID-19 Study Datasets*

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Sex | Ethnicity | Age | Employment Status | Sex | Ethnicity | Age | Employment Status |
| 2 | *0.0197 (0.0145 - 0.0249)* | *0.0486 (0.0429 - 0.0544)* | *0.0863 (0.0808 - 0.0918)* | *0.0395 (0.0342 - 0.0447)* | *0.0197 (0.0112 - 0.0281)* | *0.0386 (0.0289 - 0.0483)* | *0.0776 (0.0684 - 0.0868)* | *0.0388 (0.0299 - 0.0478)* |
| 3 | *0.0259 (0.0192 - 0.0325)* | *0.0625 (0.0556 - 0.0695)* | *0.1142 (0.1075 - 0.1210)* | *0.0420 (0.0353 - 0.0488)* | *0.0270 (0.0179 - 0.0360)* | *0.0338 (0.0238 - 0.0439)* | *0.1064 (0.0967 - 0.1161)* | *0.0641 (0.0556 - 0.0726)* |
| 4 | *0.0246 (0.0171 - 0.0321)* | *0.0663 (0.0586 - 0.0739)* | *0.1324 (0.1249 - 0.1398)* | *0.0456 (0.0379 - 0.0532)* | *0.0074 (-0.0031 - 0.0178)* | *0.0397 (0.0290 - 0.0503)* | *0.1270 (0.1167 - 0.1373)* | *0.0704 (0.0615 - 0.0793)* |
| 5 | *0.0238 (0.0156 - 0.0320)* | *0.0727 (0.0646 - 0.0809)* | *0.1504 (0.1424 - 0.1585)* | *0.0439 (0.0357 - 0.0522)* | *0.0227 (0.0121 - 0.0333)* | *0.0425 (0.0311 - 0.0540)* | *0.1416 (0.1307 - 0.1526)* | *0.0709 (0.0610 - 0.0807)* |
| 6 | *0.0258 (0.0165 - 0.0350)* | *0.0765 (0.0676 - 0.0855)* | *0.1708 (0.1618 - 0.1797)* | *0.0529 (0.0438 - 0.0621)* | *0.0286 (0.0166 - 0.0406)* | *0.0550 (0.0422 - 0.0677)* | *0.1625 (0.1502 - 0.1747)* | *0.0786 (0.0671 - 0.0900)* |
| 7 | *0.0231 (0.0133 - 0.0329)* | *0.0778 (0.0685 - 0.0872)* | *0.1781 (0.1686 - 0.1876)* | *0.0664 (0.0568 - 0.0761)* | *0.0351 (0.0234 - 0.0469)* | *0.0581 (0.0455 - 0.0707)* | *0.1688 (0.1570 - 0.1807)* | *0.1056 (0.0948 - 0.1165)* |
| 8 | *0.0234 (0.0129 - 0.0338)* | *0.0773 (0.0674 - 0.0871)* | *0.1964 (0.1863 - 0.2064)* | *0.0827 (0.0726 - 0.0929)* | *0.0302 (0.0194 - 0.0409)* | *0.0510 (0.0393 - 0.0628)* | *0.1191 (0.1082 - 0.1300)* | *0.0669 (0.0564 - 0.0774)* |
| 9 | *0.0256 (0.0144 - 0.0368)* | *0.0897 (0.0793 - 0.1000)* | *0.2169 (0.2061 - 0.2277)* | *0.1042 (0.0933 - 0.1150)* | *0.0353 (0.0239 - 0.0468)* | *0.0360 (0.0239 - 0.0481)* | *0.0983 (0.0864 - 0.1103)* | *0.0494 (0.0381 - 0.0608)* |

| Wave | Household Composition | Marital Status | Highest Qualification | Housing Tenure | Household Composition | Marital Status | Highest Qualification | Housing Tenure |
|---|---|---|---|---|---|---|---|---|
| 2 | *0.0527 (0.0474 - 0.0580)* | *0.0714 (0.0661 - 0.0768)* | *0.0181 (0.0128 - 0.0234)* | *0.0629 (0.0575 - 0.0683)* | *0.0602 (0.0520 - 0.0685)* | *0.0574 (0.0487 - 0.0661)* | *0.0399 (0.0309 - 0.0489)* | *0.0405 (0.0317 - 0.0493)* |
| 3 | *0.0690 (0.0623 - 0.0758)* | *0.0947 (0.0880 - 0.1014)* | *0.0481 (0.0415 - 0.0548)* | *0.0915 (0.0848 - 0.0983)* | *0.0747 (0.0659 - 0.0835)* | *0.0668 (0.0574 - 0.0762)* | *0.0285 (0.0193 - 0.0377)* | *0.0416 (0.0322 - 0.0510)* |
| 4 | *0.0733 (0.0658 - 0.0808)* | *0.1042 (0.0967 - 0.1117)* | *0.0745 (0.0671 - 0.0820)* | *0.1139 (0.1063 - 0.1214)* | *0.0819 (0.0724 - 0.0913)* | *0.0765 (0.0666 - 0.0864)* | *0.0202 (0.0102 - 0.0303)* | *0.0436 (0.0337 - 0.0535)* |
| 5 | *0.0767 (0.0685 - 0.0849)* | *0.1159 (0.1078 - 0.1241)* | *0.0902 (0.0821 - 0.0983)* | *0.1254 (0.1173 - 0.1336)* | *0.0958 (0.0856 - 0.1059)* | *0.0845 (0.0736 - 0.0953)* | *0.0425 (0.0318 - 0.0531)* | *0.0560 (0.0451 - 0.0668)* |
| 6 | *0.0774 (0.0682 - 0.0866)* | *0.1299 (0.1207 - 0.1390)* | *0.1124 (0.1033 - 0.1216)* | *0.1428 (0.1338 - 0.1519)* | *0.1225 (0.1108 - 0.1342)* | *0.1020 (0.0898 - 0.1143)* | *0.0465 (0.0341 - 0.0589)* | *0.0705 (0.0583 - 0.0827)* |
| 7 | *0.0792 (0.0694 - 0.0889)* | *0.1294 (0.1198 - 0.1390)* | *0.1332 (0.1237 - 0.1428)* | *0.1508 (0.1413 - 0.1603)* | *0.1280 (0.1165 - 0.1395)* | *0.1019 (0.0899 - 0.1138)* | *0.0276 (0.0155 - 0.0398)* | *0.0761 (0.0641 - 0.0881)* |
| 8 | *0.0863 (0.0760 - 0.0966)* | *0.1428 (0.1327 - 0.1529)* | *0.1521 (0.1420 - 0.1622)* | *0.1626 (0.1526 - 0.1726)* | *0.0812 (0.0706 - 0.0919)* | *0.0765 (0.0655 - 0.0876)* | *0.0365 (0.0257 - 0.0473)* | *0.0671 (0.0560 - 0.0782)* |
| 9 | *0.0909 (0.0799 - 0.1020)* | *0.1503 (0.1395 - 0.1611)* | *0.1671 (0.1564 - 0.1779)* | *0.1794 (0.1688 - 0.1899)* | *0.0721 (0.0609 - 0.0833)* | *0.0813 (0.0697 - 0.0929)* | *0.0425 (0.0309 - 0.0541)* | *0.0585 (0.0468 - 0.0702)* |

*Note.* 95% CIs in brackets. Italics indicate statistical significance at the 5% level ($p<.05$).

**Table A10**

*Covariate $CV_c$s for the Cross-Sectional UKHLS Main Survey and COVID-19 Study Datasets*

| | Main Study | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Sex | Ethnicity | Age | Employment Status | Sex | Ethnicity | Age | Employment Status |
| 2 | *0.0149 (0.0097 - 0.0201)* | *0.0320 (0.0262 - 0.0377)* | *0.0413 (0.0358 - 0.0468)* | *0.0073 (0.0020 - 0.0125)* | *0.0247 (0.0162 - 0.0331)* | *0.0186 (0.0089 - 0.0283)* | *0.0386 (0.0295 - 0.0478)* | *0.0132 (0.0042 - 0.0222)* |
| 3 | *0.0214 (0.0147 - 0.0280)* | *0.0422 (0.0352 - 0.0491)* | *0.0566 (0.0498 - 0.0634)* | 0.0066 (-0.0002 - 0.0134) | *0.0303 (0.0212 - 0.0393)* | *0.0131 (0.0030 - 0.0231)* | *0.0481 (0.0384 - 0.0578)* | *0.0089 (0.0004 - 0.0174)* |
| 4 | *0.0233 (0.0158 - 0.0308)* | *0.0448 (0.0372 - 0.0525)* | *0.0691 (0.0616 - 0.0765)* | *0.0091 (0.0014 - 0.0168)* | *0.0154 (0.0050 - 0.0259)* | *0.0157 (0.0051 - 0.0263)* | *0.0640 (0.0537 - 0.0743)* | *0.0102 (0.0013 - 0.0191)* |
| 5 | *0.0250 (0.0168 - 0.0332)* | *0.0509 (0.0427 - 0.0590)* | *0.0788 (0.0707 - 0.0868)* | 0.0053 (-0.0029 - 0.0136) | *0.0280 (0.0174 - 0.0386)* | *0.0152 (0.0038 - 0.0267)* | *0.0720 (0.0611 - 0.0830)* | 0.0076 (-0.0023 - 0.0175) |
| 6 | *0.0294 (0.0201 - 0.0387)* | *0.0542 (0.0452 - 0.0632)* | *0.0902 (0.0813 - 0.0992)* | 0.0078 (-0.0014 - 0.0170) | *0.0341 (0.0221 - 0.0462)* | *0.0211 (0.0083 - 0.0338)* | *0.0751 (0.0629 - 0.0874)* | 0.0095 (-0.0020 - 0.0210) |
| 7 | *0.0295 (0.0196 - 0.0393)* | *0.0565 (0.0471 - 0.0659)* | *0.0961 (0.0866 - 0.1056)* | *0.0121 (0.0025 - 0.0218)* | *0.0409 (0.0292 - 0.0526)* | *0.0249 (0.0123 - 0.0375)* | *0.0687 (0.0568 - 0.0806)* | *0.0137 (0.0029 - 0.0245)* |
| 8 | *0.0333 (0.0229 - 0.0437)* | *0.0572 (0.0473 - 0.0671)* | *0.1041 (0.0940 - 0.1141)* | *0.0177 (0.0075 - 0.0279)* | *0.0333 (0.0226 - 0.0441)* | *0.0244 (0.0126 - 0.0361)* | *0.0566 (0.0458 - 0.0675)* | *0.0143 (0.0038 - 0.0248)* |
| 9 | *0.0389 (0.0277 - 0.0501)* | *0.0688 (0.0585 - 0.0792)* | *0.1175 (0.1067 - 0.1283)* | *0.0240 (0.0131 - 0.0348)* | *0.0391 (0.0277 - 0.0506)* | *0.0145 (0.0024 - 0.0266)* | *0.0410 (0.0290 - 0.0529)* | 0.0108 (-0.0005 - 0.0222) |

| Wave | Household Composition | Marital Status | Highest Qualification | Housing Tenure | Household Composition | Marital Status | Highest Qualification | Housing Tenure |
|---|---|---|---|---|---|---|---|---|
| 2 | *0.0294 (0.0241 - 0.0347)* | *0.0075 (0.0021 - 0.0128)* | *0.0227 (0.0174 - 0.0280)* | *0.0315 (0.0261 - 0.0370)* | *0.0244 (0.0161 - 0.0326)* | *0.0208 (0.0121 - 0.0295)* | *0.0335 (0.0245 - 0.0425)* | *0.0135 (0.0047 - 0.0223)* |
| 3 | *0.0402 (0.0335 - 0.0469)* | *0.0148 (0.0081 - 0.0215)* | *0.0467 (0.0401 - 0.0533)* | *0.0489 (0.0421 - 0.0556)* | *0.0191 (0.0103 - 0.0279)* | *0.0130 (0.0036 - 0.0224)* | *0.0224 (0.0132 - 0.0316)* | *0.0116 (0.0022 - 0.0210)* |
| 4 | *0.0406 (0.0331 - 0.0482)* | *0.0133 (0.0058 - 0.0208)* | *0.0623 (0.0549 - 0.0698)* | *0.0614 (0.0538 - 0.0689)* | *0.0148 (0.0054 - 0.0242)* | *0.0257 (0.0158 - 0.0356)* | *0.0209 (0.0109 - 0.0309)* | *0.0103 (0.0005 - 0.0202)* |
| 5 | *0.0364 (0.0283 - 0.0446)* | *0.0162 (0.0080 - 0.0243)* | *0.0715 (0.0634 - 0.0796)* | *0.0673 (0.0591 - 0.0754)* | *0.0287 (0.0185 - 0.0388)* | *0.0149 (0.0040 - 0.0258)* | *0.0438 (0.0331 - 0.0544)* | *0.0164 (0.0055 - 0.0272)* |
| 6 | *0.0307 (0.0215 - 0.0399)* | *0.0220 (0.0128 - 0.0311)* | *0.0868 (0.0776 - 0.0959)* | *0.0761 (0.0670 - 0.0852)* | *0.0512 (0.0395 - 0.0629)* | 0.0118 (-0.0004 - 0.0240) | *0.0564 (0.0440 - 0.0688)* | *0.0230 (0.0108 - 0.0352)* |
| 7 | *0.0313 (0.0215 - 0.0410)* | *0.0219 (0.0122 - 0.0315)* | *0.0981 (0.0885 - 0.1077)* | *0.0830 (0.0735 - 0.0925)* | *0.0453 (0.0337 - 0.0568)* | *0.0246 (0.0126 - 0.0365)* | *0.0323 (0.0202 - 0.0444)* | *0.0284 (0.0164 - 0.0404)* |
| 8 | *0.0338 (0.0235 - 0.0441)* | *0.0262 (0.0161 - 0.0363)* | *0.1063 (0.0962 - 0.1164)* | *0.0904 (0.0804 - 0.1004)* | *0.0260 (0.0154 - 0.0367)* | 0.0083 (-0.0027 - 0.0194*)* | *0.0336 (0.0228 - 0.0444)* | *0.0246 (0.0135 - 0.0357)* |
| 9 | *0.0334 (0.0224 - 0.0445)* | *0.0249 (0.0141 - 0.0357)* | *0.1114 (0.1007 - 0.1222)* | *0.1006 (0.0900 - 0.1112)* | *0.0275 (0.0163 - 0.0387)* | *0.0245 (0.0129 - 0.0361)* | *0.0360 (0.0244 - 0.0475)* | *0.0225 (0.0108 - 0.0342)* |

*Note.* 95% CIs in brackets. Italics indicate statistical significance at the 5% level ($p<.05$).

**Table A11**

*Covariate Category $CV_u$s for the Cross-Sectional UKHLS Main Survey and COVID-19 Study Datasets*

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Sex: Male | Sex: Female | Ethnicity: No | Ethnicity: Yes | Sex: Male | Sex: Female | Ethnicity: No | Ethnicity: Yes |
| 2 | *-0.0142 (-0.0198 - -0.0087)* | *0.0139 (0.0085 - 0.0193)* | *0.0150 (0.0131 - 0.0169)* | *-0.0466 (-0.0524 - -0.0408)* | -0.0145 (-0.0309 - 0.0019) | 0.0137 (-0.0017 - 0.0292) | *0.0108 (0.0040 - 0.0176)* | *-0.0377 (-0.0615 - -0.0139)* |
| 3 | *-0.0186 (-0.0242 - -0.0130)* | *0.0182 (0.0127 - 0.0236)* | *0.0192 (0.0174 - 0.0210)* | *-0.0598 (-0.0654 - -0.0542)* | *-0.0199 (-0.0367 - -0.0032)* | *0.0188 (0.0030 - 0.0346)* | *0.0095 (0.0021 - 0.0168)* | *-0.0330 (-0.0587 - -0.0073)* |
| 4 | *-0.0177 (-0.0233 - -0.0121)* | *0.0173 (0.0118 - 0.0228)* | *0.0204 (0.0186 - 0.0222)* | *-0.0634 (-0.0690 - -0.0578)* | -0.0054 (-0.0223 - 0.0114) | 0.0051 (-0.0108 - 0.0211) | *0.0111 (0.0038 - 0.0183)* | *-0.0386 (-0.0639 - -0.0133)* |
| 5 | *-0.0171 (-0.0227 - -0.0114)* | *0.0167 (0.0112 - 0.0222)* | *0.0224 (0.0206 - 0.0241)* | *-0.0696 (-0.0751 - -0.0641)* | *-0.0167 (-0.0333 - -0.0001)* | *0.0158 (0.0001 - 0.0315)* | *0.0119 (0.0048 - 0.0189)* | *-0.0414 (-0.0659 - -0.0168)* |
| 6 | *-0.0185 (-0.0242 - -0.0128)* | *0.0181 (0.0125 - 0.0237)* | *0.0235 (0.0218 - 0.0253)* | *-0.0732 (-0.0787 - -0.0677)* | *-0.0210 (-0.0374 - -0.0046)* | *0.0198 (0.0044 - 0.0353)* | *0.0153 (0.0086 - 0.0220)* | *-0.0534 (-0.0767 - -0.0301)* |
| 7 | *-0.0166 (-0.0223 - -0.0108)* | *0.0162 (0.0106 - 0.0218)* | *0.0239 (0.0222 - 0.0257)* | *-0.0744 (-0.0799 - -0.0689)* | *-0.0258 (-0.0425 - -0.0091)* | *0.0244 (0.0086 - 0.0401)* | *0.0162 (0.0093 - 0.0231)* | *-0.0564 (-0.0805 - -0.0324)* |
| 8 | *-0.0168 (-0.0226 - -0.0110)* | *0.0164 (0.0107 - 0.0221)* | *0.0238 (0.0220 - 0.0255)* | *-0.0739 (-0.0794 - -0.0683)* | *-0.0223 (-0.0387 - -0.0058)* | *0.0210 (0.0055 - 0.0365)* | *0.0143 (0.0076 - 0.0210)* | *-0.0498 (-0.0732 - -0.0264)* |
| 9 | *-0.0184 (-0.0243 - -0.0125)* | *0.0180 (0.0122 - 0.0237)* | *0.0276 (0.0258 - 0.0293)* | *-0.0857 (-0.0910 - -0.0803)* | *-0.0262 (-0.0425 - -0.0100)* | *0.0248 (0.0094 - 0.0401)* | *0.0101 (0.0032 - 0.0170)* | *-0.0353 (-0.0594 - -0.0112)* |
| Wave | Age: 16-19 | Age: 20-24 | Age: 25-34 | Age: 35-44 | Age: 16-19 | Age: 20-24 | Age: 25-34 | Age: 35-44 |
| 2 | *-0.0323 (-0.0408 - -0.0238)* | *-0.0583 (-0.0668 - -0.0499)* | *-0.0261 (-0.0339 - -0.0183)* | 0.0065 (-0.0013 - 0.0143) | *-0.0456 (-0.0655 - -0.0258)* | *-0.0407 (-0.0653 - -0.0162)* | -0.0192 (-0.0415 - 0.0031) | -0.0046 (-0.0238 - 0.0147) |
| 3 | *-0.0516 (-0.0594 - -0.0438)* | *-0.0739 (-0.0819 - -0.0659)* | *-0.0276 (-0.0354 - -0.0198)* | *0.0127 (0.0047 - 0.0206)* | *-0.0607 (-0.0792 - -0.0422)* | *-0.0481 (-0.0720 - -0.0242)* | *-0.0331 (-0.0546 - -0.0116)* | -0.0125 (-0.0318 - 0.0068) |
| 4 | *-0.0611 (-0.0687 - -0.0536)* | *-0.0780 (-0.0859 - -0.0701)* | *-0.0318 (-0.0396 - -0.0240)* | *0.0224 (0.0142 - 0.0305)* | *-0.0738 (-0.0910 - -0.0566)* | *-0.0571 (-0.0803 - -0.0340)* | *-0.0378 (-0.0593 - -0.0163)* | -0.0140 (-0.0333 - 0.0053) |
| 5 | *-0.0679 (-0.0752 - -0.0606)* | *-0.0878 (-0.0954 - -0.0802)* | *-0.0305 (-0.0384 - -0.0227)* | *0.0300 (0.0217 - 0.0383)* | *-0.0754 (-0.0924 - -0.0585)* | *-0.0654 (-0.0872 - -0.0435)* | *-0.0407 (-0.0617 - -0.0196)* | *-0.0247 (-0.0433 - -0.0061)* |
| 6 | *-0.0794 (-0.0863 - -0.0725)* | *-0.0903 (-0.0978 - -0.0827)* | *-0.0354 (-0.0432 - -0.0276)* | *0.0312 (0.0229 - 0.0396)* | *-0.0888 (-0.1042 - -0.0735)* | *-0.0686 (-0.0900 - -0.0473)* | *-0.0556 (-0.0756 - -0.0355)* | *-0.0299 (-0.0481 - -0.0116)* |
| 7 | *-0.0790 (-0.0860 - -0.0721)* | *-0.0870 (-0.0947 - -0.0793)* | *-0.0250 (-0.0330 - -0.0169)* | *0.0324 (0.0240 - 0.0408)* | *-0.0859 (-0.1017 - -0.0702)* | *-0.0619 (-0.0842 - -0.0397)* | *-0.0649 (-0.0844 - -0.0454)* | *-0.0391 (-0.0573 - -0.0210)* |
| 8 | *-0.0806 (-0.0875 - -0.0737)* | *-0.0850 (-0.0928 - -0.0772)* | *-0.0243 (-0.0324 - -0.0162)* | *0.0369 (0.0284 - 0.0455)* | *-0.0584 (-0.0771 - -0.0398)* | *-0.0512 (-0.0746 - -0.0279)* | *-0.0380 (-0.0589 - -0.0171)* | *-0.0282 (-0.0464 - -0.0099)* |
| 9 | *-0.0862 (-0.0930 - -0.0795)* | *-0.0819 (-0.0900 - -0.0739)* | *-0.0260 (-0.0342 - -0.0179)* | *0.0399 (0.0313 - 0.0486)* | *-0.0623 (-0.0807 - -0.0440)* | *-0.0484 (-0.0720 - -0.0247)* | -0.0185 (-0.0404 - 0.0034) | -0.0153 (-0.0340 - 0.0034) |
| Wave | Age: 45-54 | Age: 55-64 | Age: 65+ | | Age: 45-54 | Age: 55-64 | Age: 65+ | |
| 2 | *0.0239 (0.0156 - 0.0321)* | *0.0378 (0.0293 - 0.0464)* | *0.0195 (0.0115 - 0.0276)* | | 0.0091 (-0.0105 - 0.0288) | *0.0415 (0.0201 - 0.0629)* | 0.0167 (-0.0067 - 0.0401) | |
| 3 | *0.0363 (0.0279 - 0.0448)* | *0.0517 (0.0428 - 0.0605)* | *0.0128 (0.0048 - 0.0208)* | | 0.0028 (-0.0169 - 0.0225) | *0.0436 (0.0220 - 0.0653)* | *0.0500 (0.0245 - 0.0755)* | |
| 4 | *0.0477 (0.0390 - 0.0564)* | *0.0637 (0.0546 - 0.0728)* | -0.0054 (-0.0131 - 0.0024) | | 0.0025 (-0.0173 - 0.0223) | *0.0575 (0.0352 - 0.0799)* | *0.0538 (0.0283 - 0.0793)* | |
| 5 | *0.0537 (0.0448 - 0.0625)* | *0.0741 (0.0647 - 0.0834)* | *-0.0180 (-0.0255 - -0.0104)* | | 0.0027 (-0.0167 - 0.0222) | *0.0685 (0.0460 - 0.0910)* | *0.0601 (0.0345 - 0.0857)* | |
| 6 | *0.0626 (0.0535 - 0.0716)* | *0.0896 (0.0799 - 0.0993)* | *-0.0282 (-0.0357 - -0.0207)* | | 0.0153 (-0.0044 - 0.0350) | *0.0780 (0.0556 - 0.1005)* | *0.0638 (0.0386 - 0.0890)* | |
| 7 | *0.0708 (0.0616 - 0.0800)* | *0.0937 (0.0838 - 0.1035)* | *-0.0522 (-0.0593 - -0.0450)* | | 0.0123 (-0.0077 - 0.0322) | *0.0737 (0.0511 - 0.0963)* | *0.0808 (0.0545 - 0.1072)* | |
| 8 | *0.0766 (0.0672 - 0.0859)* | *0.1080 (0.0979 - 0.1182)* | *-0.0753 (-0.0821 - -0.0685)* | | 0.0078 (-0.0118 - 0.0273) | *0.0683 (0.0461 - 0.0905)* | *0.0402 (0.0155 - 0.0648)* | |
| 9 | *0.0906 (0.0810 - 0.1003)* | *0.1166 (0.1062 - 0.1270)* | *-0.0958 (-0.1024 - -0.0892)* | | 0.0136 (-0.0060 - 0.0333) | *0.0490 (0.0276 - 0.0704)* | *0.0264 (0.0026 - 0.0502)* | |

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Emp Stat: Emp, In Educ or Training | Emp Stat: Unemployed | Emp Stat: Retired | Emp Stat: Other | Emp Stat: Emp, In Educ or Training | Emp Stat: Unemployed | Emp Stat: Retired | Emp Stat: Other |
| 2 | *-0.0081 (-0.0129 - -0.0033)* | *-0.0265 (-0.0348 - -0.0182)* | *0.0284 (0.0206 - 0.0363)* | -0.0015 (-0.0096 - 0.0065) | -0.0009 (-0.0152 - 0.0134) | -0.0243 (-0.0539 - 0.0052) | *0.0235 (0.0015 - 0.0454)* | -0.0204 (-0.0489 - 0.0081) |
| 3 | -0.0034 (-0.0082 - 0.0014) | *-0.0326 (-0.0407 - -0.0244)* | *0.0262 (0.0184 - 0.0340)* | -0.0051 (-0.0132 - 0.0029) | *-0.0219 (-0.0370 - -0.0068)* | -0.0287 (-0.0577 - 0.0003) | *0.0536 (0.0300 - 0.0772)* | -0.0076 (-0.0384 - 0.0232) |
| 4 | *0.0097 (0.0049 - 0.0145)* | *-0.0417 (-0.0495 - -0.0338)* | *0.0124 (0.0047 - 0.0201)* | *-0.0105 (-0.0185 - -0.0026)* | *-0.0236 (-0.0388 - -0.0085)* | -0.0271 (-0.0572 - 0.0029) | *0.0599 (0.0362 - 0.0837)* | -0.0142 (-0.0441 - 0.0157) |
| 5 | *0.0159 (0.0112 - 0.0207)* | *-0.0391 (-0.0471 - -0.0311)* | 0.0020 (-0.0055 - 0.0096) | *-0.0127 (-0.0207 - -0.0048)* | *-0.0276 (-0.0427 - -0.0126)* | -0.0225 (-0.0527 - 0.0078) | *0.0616 (0.0381 - 0.0852)* | -0.0086 (-0.0392 - 0.0221) |
| 6 | *0.0223 (0.0175 - 0.0271)* | *-0.0461 (-0.0539 - -0.0383)* | -0.0045 (-0.0120 - 0.0030) | *-0.0136 (-0.0216 - -0.0056)* | *-0.0303 (-0.0451 - -0.0154)* | -0.0274 (-0.0562 - 0.0014) | *0.0677 (0.0444 - 0.0909)* | -0.0078 (-0.0383 - 0.0226) |
| 7 | *0.0364 (0.0317 - 0.0412)* | *-0.0466 (-0.0544 - -0.0388)* | *-0.0256 (-0.0329 - -0.0184)* | *-0.0172 (-0.0251 - -0.0093)* | *-0.0445 (-0.0600 - -0.0291)* | *-0.0297 (-0.0591 - -0.0003)* | *0.0921 (0.0674 - 0.1167)* | -0.0060 (-0.0368 - 0.0247) |
| 8 | *0.0489 (0.0441 - 0.0536)* | *-0.0455 (-0.0534 - -0.0376)* | *-0.0451 (-0.0522 - -0.0380)* | *-0.0204 (-0.0283 - -0.0125)* | *-0.0178 (-0.0325 - -0.0030)* | *-0.0323 (-0.0612 - -0.0034)* | *0.0541 (0.0310 - 0.0773)* | -0.0179 (-0.0474 - 0.0116) |
| 9 | *0.0625 (0.0578 - 0.0672)* | *-0.0508 (-0.0586 - -0.0430)* | *-0.0611 (-0.0680 - -0.0541)* | *-0.0268 (-0.0346 - -0.0190)* | -0.0113 (-0.0259 - 0.0032) | -0.0220 (-0.0528 - 0.0088) | *0.0397 (0.0171 - 0.0622)* | -0.0190 (-0.0477 - 0.0097) |

| Wave | HH Comp: 1 adult, no children | HH Comp: 1 adult, children | HH Comp: couple, no children | HH Comp: couple, children | HH Comp: 1 adult, no children | HH Comp: 1 adult, children | HH Comp: couple, no children | HH Comp: couple, children |
|---|---|---|---|---|---|---|---|---|
| 2 | -0.0007 (-0.0085 - 0.0072) | -0.0032 (-0.0115 - 0.0051) | *0.0303 (0.0233 - 0.0373)* | *0.0136 (0.0061 - 0.0211)* | 0.0090 (-0.0166 - 0.0346) | -0.0122 (-0.0388 - 0.0144) | *0.0434 (0.0250 - 0.0617)* | -0.0066 (-0.0247 - 0.0116) |
| 3 | 0.0003 (-0.0076 - 0.0082) | -0.0018 (-0.0102 - 0.0067) | *0.0361 (0.0290 - 0.0432)* | *0.0213 (0.0137 - 0.0289)* | 0.0087 (-0.0172 - 0.0346) | -0.0195 (-0.0452 - 0.0063) | *0.0553 (0.0362 - 0.0745)* | *-0.0209 (-0.0386 - -0.0031)* |
| 4 | -0.0024 (-0.0102 - 0.0055) | *-0.0089 (-0.0171 - -0.0007)* | *0.0397 (0.0325 - 0.0468)* | *0.0237 (0.0160 - 0.0314)* | 0.0154 (-0.0111 - 0.0418) | -0.0239 (-0.0488 - 0.0010) | *0.0582 (0.0390 - 0.0775)* | *-0.0244 (-0.0423 - -0.0066)* |
| 5 | -0.0075 (-0.0153 - 0.0003) | *-0.0128 (-0.0210 - -0.0047)* | *0.0419 (0.0347 - 0.0492)* | *0.0274 (0.0196 - 0.0352)* | 0.0129 (-0.0132 - 0.0390) | *-0.0261 (-0.0504 - -0.0019)* | *0.0724 (0.0532 - 0.0917)* | *-0.0387 (-0.0558 - -0.0217)* |
| 6 | *-0.0093 (-0.0171 - -0.0015)* | *-0.0208 (-0.0287 - -0.0128)* | *0.0446 (0.0373 - 0.0519)* | *0.0261 (0.0183 - 0.0340)* | 0.0157 (-0.0104 - 0.0417) | *-0.0431 (-0.0646 - -0.0217)* | *0.0897 (0.0705 - 0.1089)* | *-0.0557 (-0.0722 - -0.0392)* |
| 7 | *-0.0207 (-0.0283 - -0.0131)* | *-0.0197 (-0.0277 - -0.0117)* | *0.0487 (0.0413 - 0.0561)* | *0.0259 (0.0180 - 0.0338)* | 0.0226 (-0.0041 - 0.0494) | *-0.0456 (-0.0667 - -0.0246)* | *0.0880 (0.0684 - 0.1077)* | *-0.0659 (-0.0822 - -0.0497)* |
| 8 | *-0.0300 (-0.0376 - -0.0225)* | *-0.0244 (-0.0323 - -0.0165)* | *0.0525 (0.0450 - 0.0600)* | *0.0301 (0.0221 - 0.0380)* | 0.0032 (-0.0221 - 0.0284) | *-0.0320 (-0.0551 - -0.0090)* | *0.0588 (0.0401 - 0.0776)* | *-0.0356 (-0.0526 - -0.0185)* |
| 9 | *-0.0376 (-0.0450 - -0.0301)* | *-0.0302 (-0.0380 - -0.0225)* | *0.0510 (0.0434 - 0.0585)* | *0.0367 (0.0286 - 0.0449)* | 0.0016 (-0.0234 - 0.0266) | *-0.0266 (-0.0506 - -0.0025)* | *0.0564 (0.0379 - 0.0750)* | *-0.0210 (-0.0385 - -0.0036)* |

| Wave | HH Comp: 2+ adults, no children | HH Comp: 2+ adults, children | HH Comp: 2+ adults, no children | HH Comp: 2+ adults, children |
|---|---|---|---|---|
| 2 | *-0.0353 (-0.0435 - -0.0272)* | *-0.0213 (-0.0299 - -0.0126)* | *-0.0259 (-0.0480 - -0.0037)* | *-0.0304 (-0.0521 - -0.0087)* |
| 3 | *-0.0472 (-0.0552 - -0.0393)* | *-0.0288 (-0.0373 - -0.0203)* | -0.0167 (-0.0401 - 0.0066) | *-0.0389 (-0.0601 - -0.0177)* |
| 4 | *-0.0501 (-0.0580 - -0.0421)* | *-0.0265 (-0.0351 - -0.0179)* | -0.0186 (-0.0418 - 0.0047) | *-0.0417 (-0.0628 - -0.0205)* |
| 5 | *-0.0480 (-0.0560 - -0.0399)* | *-0.0301 (-0.0386 - -0.0216)* | -0.0224 (-0.0454 - 0.0006) | *-0.0359 (-0.0572 - -0.0146)* |
| 6 | *-0.0425 (-0.0507 - -0.0343)* | *-0.0324 (-0.0409 - -0.0239)* | -0.0171 (-0.0398 - 0.0057) | *-0.0423 (-0.0629 - -0.0217)* |
| 7 | *-0.0400 (-0.0483 - -0.0318)* | *-0.0294 (-0.0380 - -0.0207)* | -0.0088 (-0.0321 - 0.0146) | *-0.0440 (-0.0646 - -0.0234)* |
| 8 | *-0.0391 (-0.0475 - -0.0308)* | *-0.0288 (-0.0375 - -0.0201)* | -0.0015 (-0.0249 - 0.0219) | *-0.0322 (-0.0535 - -0.0108)* |
| 9 | *-0.0354 (-0.0439 - -0.0269)* | *-0.0284 (-0.0372 - -0.0196)* | -0.0164 (-0.0390 - 0.0062) | *-0.0286 (-0.0503 - -0.0069)* |

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Mar Stat: Single | Mar Stat: Married | Mar Stat: Separated/Divorced | Mar Stat: Widowed | Mar Stat: Single | Mar Stat: Married | Mar Stat: Separated/Divorced | Mar Stat: Widowed |
| 2 | *-0.0585 (-0.0650 - -0.0521)* | *0.0385 (0.0330 - 0.0440)* | *0.0153 (0.0069 - 0.0237)* | 0.0057 (-0.0040 - 0.0154) | *-0.0413 (-0.0609 - -0.0217)* | *0.0310 (0.0154 - 0.0466)* | 0.0171 (-0.0083 - 0.0425) | -0.0210 (-0.0495 - 0.0074) |
| 3 | *-0.0758 (-0.0822 - -0.0695)* | *0.0510 (0.0455 - 0.0566)* | *0.0264 (0.0177 - 0.0351)* | -0.0034 (-0.0128 - 0.0060) | *-0.0553 (-0.0748 - -0.0357)* | *0.0370 (0.0210 - 0.0530)* | 0.0130 (-0.0126 - 0.0387) | 0.0023 (-0.0310 - 0.0357) |
| 4 | *-0.0811 (-0.0875 - -0.0747)* | *0.0591 (0.0535 - 0.0647)* | *0.0265 (0.0178 - 0.0353)* | *-0.0136 (-0.0226 - -0.0045)* | *-0.0609 (-0.0806 - -0.0413)* | *0.0421 (0.0260 - 0.0581)* | 0.0201 (-0.0061 - 0.0464) | -0.0106 (-0.0414 - 0.0202) |
| 5 | *-0.0878 (-0.0942 - -0.0815)* | *0.0671 (0.0615 - 0.0727)* | *0.0287 (0.0199 - 0.0376)* | *-0.0229 (-0.0316 - -0.0141)* | *-0.0698 (-0.0890 - -0.0505)* | *0.0431 (0.0272 - 0.0590)* | 0.0236 (-0.0026 - 0.0498) | 0.0045 (-0.0291 - 0.0380) |
| 6 | *-0.0953 (-0.1016 - -0.0890)* | *0.0768 (0.0711 - 0.0824)* | *0.0300 (0.0211 - 0.0389)* | *-0.0339 (-0.0423 - -0.0254)* | *-0.0844 (-0.1031 - -0.0656)* | *0.0498 (0.0342 - 0.0655)* | *0.0304 (0.0042 - 0.0565)* | 0.0106 (-0.0237 - 0.0448) |
| 7 | *-0.0877 (-0.0941 - -0.0812)* | *0.0755 (0.0698 - 0.0812)* | *0.0322 (0.0232 - 0.0412)* | *-0.0497 (-0.0576 - -0.0418)* | *-0.0836 (-0.1026 - -0.0646)* | *0.0509 (0.0350 - 0.0668)* | *0.0316 (0.0046 - 0.0585)* | 0.0030 (-0.0302 - 0.0362) |
| 8 | *-0.0909 (-0.0973 - -0.0844)* | *0.0850 (0.0793 - 0.0908)* | *0.0297 (0.0206 - 0.0387)* | *-0.0647 (-0.0722 - -0.0573)* | *-0.0637 (-0.0827 - -0.0446)* | *0.0391 (0.0234 - 0.0548)* | 0.0200 (-0.0058 - 0.0459) | 0.0072 (-0.0264 - 0.0408) |
| 9 | *-0.0916 (-0.0981 - -0.0850)* | *0.0906 (0.0848 - 0.0964)* | *0.0263 (0.0173 - 0.0354)* | *-0.0740 (-0.0812 - -0.0668)* | *-0.0647 (-0.0836 - -0.0458)* | *0.0465 (0.0310 - 0.0620)* | 0.0190 (-0.0067 - 0.0447) | -0.0136 (-0.0436 - 0.0164) |
| Wave | High Qual: Degree | High Qual: A-Level | High Qual: GCSE | High Qual: Other | High Qual: Degree | High Qual: A-Level | High Qual: GCSE | High Qual: Other |
| 2 | *0.0131 (0.0064 - 0.0198)* | *-0.0091 (-0.0169 - -0.0013)* | -0.0019 (-0.0095 - 0.0057) | 0.0025 (-0.0062 - 0.0113) | *0.0225 (0.0064 - 0.0386)* | -0.0042 (-0.0243 - 0.0160) | 0.0012 (-0.0209 - 0.0233) | -0.0208 (-0.0492 - 0.0077) |
| 3 | *0.0355 (0.0285 - 0.0424)* | *-0.0091 (-0.0170 - -0.0013)* | *-0.0085 (-0.0160 - -0.0009)* | 0.0010 (-0.0078 - 0.0097) | *0.0190 (0.0026 - 0.0354)* | -0.0109 (-0.0311 - 0.0092) | -0.0161 (-0.0376 - 0.0055) | 0.0073 (-0.0246 - 0.0393) |
| 4 | *0.0528 (0.0457 - 0.0599)* | -0.0059 (-0.0138 - 0.0020) | *-0.0133 (-0.0208 - -0.0058)* | -0.0009 (-0.0096 - 0.0078) | 0.0150 (-0.0014 - 0.0314) | -0.0112 (-0.0314 - 0.0091) | -0.0073 (-0.0293 - 0.0147) | 0.0004 (-0.0307 - 0.0316) |
| 5 | *0.0635 (0.0563 - 0.0707)* | *-0.0091 (-0.0170 - -0.0012)* | *-0.0120 (-0.0196 - -0.0045)* | -0.0023 (-0.0109 - 0.0064) | *0.0297 (0.0134 - 0.0461)* | -0.0073 (-0.0275 - 0.0129) | *-0.0274 (-0.0484 - -0.0063)* | 0.0012 (-0.0301 - 0.0325) |
| 6 | *0.0821 (0.0747 - 0.0895)* | *-0.0109 (-0.0188 - -0.0030)* | *-0.0202 (-0.0277 - -0.0127)* | -0.0069 (-0.0155 - 0.0017) | *0.0284 (0.0123 - 0.0446)* | -0.0112 (-0.0311 - 0.0087) | -0.0012 (-0.0231 - 0.0206) | -0.0120 (-0.0419 - 0.0178) |
| 7 | *0.0945 (0.0870 - 0.1021)* | *-0.0085 (-0.0165 - -0.0006)* | *-0.0140 (-0.0216 - -0.0064)* | *-0.0183 (-0.0266 - -0.0100)* | *0.0199 (0.0035 - 0.0362)* | -0.0145 (-0.0344 - 0.0054) | -0.0128 (-0.0342 - 0.0087) | -0.0023 (-0.0329 - 0.0283) |
| 8 | *0.1064 (0.0987 - 0.1140)* | -0.0077 (-0.0157 - 0.0003) | *-0.0146 (-0.0222 - -0.0070)* | *-0.0206 (-0.0289 - -0.0122)* | *0.0281 (0.0120 - 0.0443)* | -0.0103 (-0.0301 - 0.0095) | -0.0174 (-0.0386 - 0.0038) | -0.0108 (-0.0403 - 0.0187) |
| 9 | *0.1142 (0.1064 - 0.1220)* | -0.0003 (-0.0085 - 0.0079) | *-0.0181 (-0.0257 - -0.0104)* | *-0.0230 (-0.0313 - -0.0146)* | *0.0309 (0.0149 - 0.0470)* | -0.0065 (-0.0263 - 0.0134) | -0.0177 (-0.0388 - 0.0034) | -0.0229 (-0.0508 - 0.0051) |
| Wave | High Qual: None | Tenure: Owned | Tenure: Rented | Tenure: Other | High Qual: None | Tenure: Owned | Tenure: Rented | Tenure: Other |
| 2 | *-0.0082 (-0.0160 - -0.0004)* | *0.0350 (0.0309 - 0.0391)* | *-0.0527 (-0.0589 - -0.0465)* | -0.0037 (-0.0131 - 0.0057) | -0.0262 (-0.0597 - 0.0074) | *0.0224 (0.0079 - 0.0369)* | *-0.0346 (-0.0571 - -0.0121)* | -0.0010 (-0.0166 - 0.0146) |
| 3 | *-0.0305 (-0.0379 - -0.0231)* | *0.0508 (0.0468 - 0.0548)* | *-0.0760 (-0.0820 - -0.0699)* | *-0.0109 (-0.0191 - -0.0027)* | -0.0066 (-0.0432 - 0.0300) | *0.0230 (0.0081 - 0.0378)* | *-0.0354 (-0.0584 - -0.0124)* | -0.0023 (-0.0175 - 0.0129) |
| 4 | *-0.0511 (-0.0582 - -0.0440)* | *0.0632 (0.0592 - 0.0671)* | *-0.0952 (-0.1011 - -0.0892)* | -0.0064 (-0.0154 - 0.0026) | -0.0042 (-0.0413 - 0.0329) | *0.0236 (0.0087 - 0.0384)* | *-0.0369 (-0.0600 - -0.0138)* | 0.0055 (-0.0127 - 0.0237) |
| 5 | *-0.0628 (-0.0697 - -0.0559)* | *0.0696 (0.0657 - 0.0735)* | *-0.1044 (-0.1103 - -0.0985)* | *-0.0118 (-0.0200 - -0.0037)* | -0.0126 (-0.0489 - 0.0237) | *0.0302 (0.0156 - 0.0447)* | *-0.0473 (-0.0699 - -0.0247)* | 0.0077 (-0.0114 - 0.0268) |
| 6 | *-0.0738 (-0.0806 - -0.0671)* | *0.0792 (0.0754 - 0.0831)* | *-0.1192 (-0.1251 - -0.1134)* | *-0.0095 (-0.0180 - -0.0009)* | -0.0336 (-0.0674 - 0.0002) | *0.0378 (0.0236 - 0.0521)* | *-0.0594 (-0.0815 - -0.0373)* | 0.0106 (-0.0097 - 0.0309) |
| 7 | *-0.0915 (-0.0979 - -0.0850)* | *0.0837 (0.0798 - 0.0875)* | *-0.1256 (-0.1314 - -0.1198)* | *-0.0130 (-0.0210 - -0.0050)* | 0.0026 (-0.0360 - 0.0412) | *0.0412 (0.0268 - 0.0556)* | *-0.0644 (-0.0867 - -0.0421)* | 0.0075 (-0.0117 - 0.0266) |
| 8 | *-0.1063 (-0.1126 - -0.1001)* | *0.0901 (0.0863 - 0.0940)* | *-0.1347 (-0.1405 - -0.1289)* | *-0.0195 (-0.0265 - -0.0125)* | -0.0073 (-0.0439 - 0.0294) | *0.0368 (0.0225 - 0.0510)* | *-0.0572 (-0.0793 - -0.0352)* | 0.0033 (-0.0141 - 0.0207) |
| 9 | *-0.1194 (-0.1255 - -0.1133)* | *0.0995 (0.0957 - 0.1033)* | *-0.1493 (-0.1551 - -0.1436)* | *-0.0149 (-0.0228 - -0.0071)* | -0.0069 (-0.0434 - 0.0297) | *0.0323 (0.0181 - 0.0465)* | *-0.0502 (-0.0722 - -0.0282)* | 0.0021 (-0.0147 - 0.0188) |

*Abbrev.:* Employment Status – Emp Stat; Employed, In Education or Training – Emp, In Educ or Training; Household Composition – HH Comp; Marital Status – Mar Stat; Highest Qualification – High Qual; Housing Tenure – Tenure

*Note.* 95% CIs in brackets. Italics indicate statistical significance at the 5% level ($p<.05$).

**Table A12**

*Covariate Category $CV_c$s for the Cross-Sectional UKHLS Main Survey and COVID-19 Study Datasets*

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Sex: Male | Sex: Female | Ethnicity: No | Ethnicity: Yes | Sex: Male | Sex: Female | Ethnicity: No | Ethnicity: Yes |
| 2 | *0.0104 (0.0070 - 0.0137)* | *0.0108 (0.0073 - 0.0143)* | *0.0140 (0.0118 - 0.0163)* | *0.0290 (0.0243 - 0.0337)* | *0.0176 (0.0125 - 0.0228)* | *0.0178 (0.0126 - 0.0230)* | *0.0088 (0.0052 - 0.0124)* | *0.0167 (0.0099 - 0.0236)* |
| 3 | *0.0150 (0.0107 - 0.0192)* | *0.0154 (0.0110 - 0.0198)* | *0.0181 (0.0155 - 0.0208)* | *0.0383 (0.0327 - 0.0440)* | *0.0216 (0.0161 - 0.0272)* | *0.0219 (0.0162 - 0.0275)* | *0.0060 (0.0023 - 0.0097)* | *0.0118 (0.0045 - 0.0192)* |
| 4 | *0.0164 (0.0116 - 0.0212)* | *0.0168 (0.0119 - 0.0217)* | *0.0191 (0.0162 - 0.0220)* | *0.0408 (0.0346 - 0.0470)* | *0.0110 (0.0050 - 0.0170)* | *0.0111 (0.0051 - 0.0171)* | *0.0072 (0.0033 - 0.0110)* | *0.0142 (0.0064 - 0.0219)* |
| 5 | *0.0175 (0.0123 - 0.0227)* | *0.0180 (0.0126 - 0.0233)* | *0.0216 (0.0185 - 0.0246)* | *0.0464 (0.0397 - 0.0530)* | *0.0199 (0.0134 - 0.0264)* | *0.0201 (0.0136 - 0.0266)* | *0.0069 (0.0027 - 0.0111)* | *0.0138 (0.0054 - 0.0221)* |
| 6 | *0.0206 (0.0147 - 0.0265)* | *0.0212 (0.0151 - 0.0272)* | *0.0227 (0.0193 - 0.0262)* | *0.0494 (0.0420 - 0.0569)* | *0.0242 (0.0169 - 0.0315)* | *0.0245 (0.0172 - 0.0319)* | *0.0095 (0.0049 - 0.0140)* | *0.0191 (0.0099 - 0.0283)* |
| 7 | *0.0206 (0.0144 - 0.0269)* | *0.0212 (0.0148 - 0.0276)* | *0.0236 (0.0201 - 0.0272)* | *0.0516 (0.0438 - 0.0594)* | *0.0290 (0.0219 - 0.0361)* | *0.0294 (0.0222 - 0.0366)* | *0.0111 (0.0067 - 0.0156)* | *0.0225 (0.0135 - 0.0316)* |
| 8 | *0.0233 (0.0167 - 0.0298)* | *0.0240 (0.0172 - 0.0308)* | *0.0239 (0.0201 - 0.0276)* | *0.0522 (0.0440 - 0.0605)* | *0.0237 (0.0172 - 0.0303)* | *0.0241 (0.0175 - 0.0308)* | *0.0111 (0.0069 - 0.0153)* | *0.0221 (0.0136 - 0.0305)* |
| 9 | *0.0271 (0.0201 - 0.0342)* | *0.0281 (0.0208 - 0.0354)* | *0.0285 (0.0245 - 0.0324)* | *0.0630 (0.0542 - 0.0717)* | *0.0281 (0.0211 - 0.0350)* | *0.0284 (0.0214 - 0.0355)* | *0.0067 (0.0022 - 0.0111)* | *0.0132 (0.0044 - 0.0221)* |
| Wave | Age: 16-19 | Age: 20-24 | Age: 25-34 | Age: 35-44 | Age: 16-19 | Age: 20-24 | Age: 25-34 | Age: 35-44 |
| 2 | *0.0079 (0.0049 - 0.0110)* | *0.0193 (0.0151 - 0.0234)* | *0.0175 (0.0150 - 0.0200)* | *0.0152 (0.0133 - 0.0170)* | *0.0125 (0.0069 - 0.0182)* | *0.0127 (0.0073 - 0.0181)* | *0.0156 (0.0112 - 0.0200)* | *0.0131 (0.0104 - 0.0159)* |
| 3 | *0.0148 (0.0106 - 0.0190)* | *0.0244 (0.0196 - 0.0293)* | *0.0232 (0.0203 - 0.0261)* | *0.0208 (0.0185 - 0.0232)* | *0.0170 (0.0108 - 0.0232)* | *0.0148 (0.0093 - 0.0204)* | *0.0211 (0.0159 - 0.0263)* | *0.0169 (0.0138 - 0.0200)* |
| 4 | *0.0189 (0.0142 - 0.0236)* | *0.0264 (0.0213 - 0.0316)* | *0.0286 (0.0249 - 0.0322)* | *0.0248 (0.0220 - 0.0276)* | *0.0239 (0.0173 - 0.0306)* | *0.0206 (0.0147 - 0.0265)* | *0.0270 (0.0218 - 0.0322)* | *0.0222 (0.0188 - 0.0256)* |
| 5 | *0.0204 (0.0156 - 0.0253)* | *0.0325 (0.0269 - 0.0382)* | *0.0320 (0.0282 - 0.0357)* | *0.0279 (0.0247 - 0.0311)* | *0.0211 (0.0144 - 0.0278)* | *0.0247 (0.0178 - 0.0316)* | *0.0287 (0.0233 - 0.0342)* | *0.0245 (0.0209 - 0.0282)* |
| 6 | *0.0235 (0.0181 - 0.0289)* | *0.0328 (0.0268 - 0.0388)* | *0.0366 (0.0320 - 0.0411)* | *0.0310 (0.0276 - 0.0345)* | *0.0231 (0.0158 - 0.0304)* | *0.0249 (0.0175 - 0.0322)* | *0.0346 (0.0277 - 0.0416)* | *0.0262 (0.0223 - 0.0301)* |
| 7 | *0.0254 (0.0197 - 0.0311)* | *0.0345 (0.0281 - 0.0408)* | *0.0358 (0.0314 - 0.0403)* | *0.0311 (0.0276 - 0.0345)* | *0.0220 (0.0147 - 0.0293)* | *0.0193 (0.0126 - 0.0260)* | *0.0332 (0.0259 - 0.0405)* | *0.0240 (0.0202 - 0.0279)* |
| 8 | *0.0245 (0.0185 - 0.0305)* | *0.0322 (0.0256 - 0.0388)* | *0.0359 (0.0310 - 0.0409)* | *0.0307 (0.0271 - 0.0343)* | *0.0138 (0.0073 - 0.0203)* | *0.0180 (0.0111 - 0.0250)* | *0.0214 (0.0157 - 0.0270)* | *0.0189 (0.0148 - 0.0231)* |
| 9 | *0.0286 (0.0222 - 0.0351)* | *0.0307 (0.0241 - 0.0374)* | *0.0391 (0.0335 - 0.0447)* | *0.0332 (0.0293 - 0.0370)* | *0.0169 (0.0097 - 0.0240)* | *0.0159 (0.0090 - 0.0228)* | *0.0142 (0.0100 - 0.0185)* | *0.0140 (0.0096 - 0.0184)* |
| Wave | Age: 45-54 | Age: 55-64 | Age: 65+ | | Age: 45-54 | Age: 55-64 | Age: 65+ | |
| 2 | *0.0186 (0.0156 - 0.0216)* | *0.0195 (0.0161 - 0.0228)* | *0.0059 (0.0035 - 0.0083)* | | *0.0173 (0.0138 - 0.0207)* | *0.0221 (0.0174 - 0.0268)* | *0.0047 (0.0026 - 0.0067)* | |
| 3 | *0.0251 (0.0212 - 0.0289)* | *0.0271 (0.0226 - 0.0316)* | *0.0094 (0.0060 - 0.0128)* | | *0.0213 (0.0175 - 0.0250)* | *0.0248 (0.0197 - 0.0298)* | *0.0085 (0.0044 - 0.0126)* | |
| 4 | *0.0291 (0.0247 - 0.0336)* | *0.0347 (0.0295 - 0.0400)* | *0.0166 (0.0123 - 0.0210)* | | *0.0277 (0.0238 - 0.0316)* | *0.0334 (0.0281 - 0.0388)* | *0.0097 (0.0058 - 0.0136)* | |
| 5 | *0.0302 (0.0256 - 0.0349)* | *0.0407 (0.0349 - 0.0465)* | *0.0205 (0.0156 - 0.0253)* | | *0.0321 (0.0279 - 0.0364)* | *0.0401 (0.0341 - 0.0460)* | *0.0137 (0.0091 - 0.0183)* | |
| 6 | *0.0343 (0.0290 - 0.0396)* | *0.0498 (0.0430 - 0.0565)* | *0.0252 (0.0197 - 0.0308)* | | *0.0343 (0.0287 - 0.0398)* | *0.0378 (0.0309 - 0.0448)* | *0.0109 (0.0060 - 0.0158)* | |
| 7 | *0.0362 (0.0303 - 0.0421)* | *0.0540 (0.0468 - 0.0612)* | *0.0318 (0.0258 - 0.0378)* | | *0.0325 (0.0265 - 0.0384)* | *0.0339 (0.0270 - 0.0408)* | *0.0087 (0.0042 - 0.0133)* | |
| 8 | *0.0356 (0.0295 - 0.0417)* | *0.0645 (0.0568 - 0.0723)* | *0.0402 (0.0337 - 0.0467)* | | *0.0242 (0.0196 - 0.0288)* | *0.0361 (0.0296 - 0.0427)* | *0.0092 (0.0050 - 0.0135)* | |
| 9 | *0.0416 (0.0345 - 0.0486)* | *0.0730 (0.0647 - 0.0814)* | *0.0496 (0.0426 - 0.0566)* | | *0.0170 (0.0115 - 0.0225)* | *0.0214 (0.0141 - 0.0286)* | *0.0084 (0.0020 - 0.0148)* | |

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Emp Stat: Emp, In Educ or Training | Emp Stat: Unemployed | Emp Stat: Retired | Emp Stat: Other | Emp Stat: Emp, In Educ or Training | Emp Stat: Unemployed | Emp Stat: Retired | Emp Stat: Other |
| 2 | *0.0037 (0.0009 - 0.0066)* | 0.0045 (-0.0004 - 0.0093) | *0.0036 (0.0005 - 0.0066)* | 0.0026 (-0.0007 - 0.0058) | *0.0075 (0.0033 - 0.0116)* | *0.0072 (0.0006 - 0.0137)* | 0.0021 (-0.0021 - 0.0063) | *0.0082 (0.0025 - 0.0139)* |
| 3 | 0.0038 (-0.0002 - 0.0079) | 0.0029 (-0.0038 - 0.0096) | 0.0040 (-0.0002 - 0.0081) | 0.0023 (-0.0025 - 0.0070) | 0.0042 (-0.0001 - 0.0085) | *0.0076 (0.0003 - 0.0148)* | 0.0018 (-0.0048 - 0.0083) | 0.0021 (-0.0052 - 0.0093) |
| 4 | *0.0039 (0.0002 - 0.0077)* | *0.0075 (0.0010 - 0.0140)* | 0.0023 (-0.0032 - 0.0078) | 0.0026 (-0.0038 - 0.0090) | *0.0052 (0.0007 - 0.0097)* | 0.0067 (-0.0010 - 0.0143) | 0.0030 (-0.0026 - 0.0085) | 0.0052 (-0.0016 - 0.0121) |
| 5 | 0.0030 (-0.0025 - 0.0086) | 0.0031 (-0.0053 - 0.0115) | 0.0008 (-0.0118 - 0.0134) | 0.0030 (-0.0049 - 0.0109) | 0.0050 (-0.0008 - 0.0108) | 0.0006 (-0.0356 - 0.0368) | 0.0055 (-0.0008 - 0.0117) | 0.0020 (-0.0078 - 0.0118) |
| 6 | 0.0043 (-0.0017 - 0.0104) | 0.0058 (-0.0025 - 0.0140) | 0.0023 (-0.0056 - 0.0102) | 0.0020 (-0.0087 - 0.0127) | 0.0054 (-0.0010 - 0.0118) | 0.0009 (-0.0269 - 0.0287) | 0.0057 (-0.0016 - 0.0129) | 0.0055 (-0.0030 - 0.0140) |
| 7 | *0.0075 (0.0014 - 0.0137)* | 0.0071 (-0.0013 - 0.0155) | 0.0051 (-0.0018 - 0.0119) | 0.0040 (-0.0039 - 0.0120) | *0.0092 (0.0025 - 0.0158)* | 0.0024 (-0.0104 - 0.0151) | *0.0081 (0.0018 - 0.0145)* | 0.0060 (-0.0019 - 0.0138) |
| 8 | *0.0119 (0.0053 - 0.0184)* | 0.0053 (-0.0037 - 0.0142) | *0.0099 (0.0029 - 0.0168)* | 0.0071 (-0.0002 - 0.0143) | *0.0078 (0.0025 - 0.0131)* | *0.0091 (0.0009 - 0.0173)* | *0.0059 (0.0002 - 0.0116)* | 0.0058 (-0.0014 - 0.0130) |
| 9 | *0.0156 (0.0088 - 0.0225)* | 0.0082 (-0.0008 - 0.0172) | *0.0116 (0.0041 - 0.0191)* | *0.0115 (0.0033 - 0.0197)* | 0.0059 (-0.0002 - 0.0120) | 0.0027 (-0.0090 - 0.0143) | 0.0052 (-0.0017 - 0.0120) | 0.0073 (-0.0007 - 0.0153) |

| Wave | HH Comp: 1 adult, no children | HH Comp: 1 adult, children | HH Comp: couple, no children | HH Comp: couple, children | HH Comp: 1 adult, no children | HH Comp: 1 adult, children | HH Comp: couple, no children | HH Comp: couple, children |
|---|---|---|---|---|---|---|---|---|
| 2 | *0.0058 (0.0031 - 0.0084)* | *0.0087 (0.0049 - 0.0125)* | *0.0085 (0.0063 - 0.0107)* | *0.0153 (0.0117 - 0.0189)* | *0.0079 (0.0030 - 0.0128)* | 0.0028 (-0.0031 - 0.0087) | *0.0152 (0.0099 - 0.0205)* | *0.0049 (0.0019 - 0.0079)* |
| 3 | *0.0064 (0.0048 - 0.0081)* | *0.0136 (0.0088 - 0.0184)* | *0.0101 (0.0081 - 0.0122)* | *0.0200 (0.0155 - 0.0245)* | 0.0028 (-0.0019 - 0.0076) | 0.0045 (-0.0025 - 0.0115) | *0.0148 (0.0086 - 0.0210)* | *0.0048 (0.0008 - 0.0089)* |
| 4 | *0.0075 (0.0042 - 0.0107)* | *0.0112 (0.0058 - 0.0166)* | *0.0106 (0.0076 - 0.0136)* | *0.0169 (0.0119 - 0.0218)* | 0.0051 (-0.0012 - 0.0114) | 0.0048 (-0.0026 - 0.0122) | *0.0097 (0.0029 - 0.0165)* | 0.0037 (-0.0017 - 0.0091) |
| 5 | *0.0070 (0.0030 - 0.0110)* | *0.0092 (0.0033 - 0.0151)* | *0.0099 (0.0063 - 0.0135)* | *0.0151 (0.0097 - 0.0206)* | 0.0041 (-0.0011 - 0.0093) | 0.0063 (-0.0015 - 0.0141) | *0.0220 (0.0148 - 0.0292)* | *0.0102 (0.0037 - 0.0167)* |
| 6 | *0.0092 (0.0033 - 0.0150)* | 0.0064 (-0.0004 - 0.0132) | *0.0074 (0.0038 - 0.0110)* | *0.0120 (0.0058 - 0.0182)* | *0.0076 (0.0042 - 0.0110)* | *0.0174 (0.0091 - 0.0257)* | *0.0373 (0.0294 - 0.0453)* | *0.0245 (0.0169 - 0.0320)* |
| 7 | *0.0068 (0.0009 - 0.0126)* | 0.0059 (-0.0015 - 0.0132) | *0.0127 (0.0064 - 0.0191)* | *0.0076 (0.0015 - 0.0137)* | *0.0104 (0.0042 - 0.0165)* | *0.0171 (0.0089 - 0.0252)* | *0.0276 (0.0199 - 0.0353)* | *0.0261 (0.0183 - 0.0339)* |
| 8 | *0.0091 (0.0024 - 0.0158)* | 0.0041 (-0.0041 - 0.0122) | *0.0163 (0.0092 - 0.0234)* | *0.0057 (0.0005 - 0.0110)* | *0.0064 (0.0004 - 0.0123)* | *0.0103 (0.0026 - 0.0180)* | *0.0168 (0.0096 - 0.0240)* | *0.0127 (0.0058 - 0.0195)* |
| 9 | *0.0090 (0.0016 - 0.0164)* | 0.0024 (-0.0081 - 0.0128) | *0.0162 (0.0085 - 0.0239)* | *0.0065 (0.0001 - 0.0128)* | 0.0063 (-0.0001 - 0.0128) | *0.0093 (0.0012 - 0.0174)* | *0.0189 (0.0113 - 0.0265)* | *0.0137 (0.0062 - 0.0211)* |

| Wave | HH Comp: 2+ adults, no children | HH Comp: 2+ adults, children | HH Comp: 2+ adults, no children | HH Comp: 2+ adults, children |
|---|---|---|---|---|
| 2 | *0.0197 (0.0155 - 0.0239)* | *0.0083 (0.0057 - 0.0110)* | *0.0156 (0.0099 - 0.0214)* | *0.0066 (0.0009 - 0.0124)* |
| 3 | *0.0281 (0.0228 - 0.0334)* | *0.0108 (0.0076 - 0.0140)* | *0.0079 (0.0026 - 0.0132)* | 0.0065 (-0.0007 - 0.0136) |
| 4 | *0.0317 (0.0258 - 0.0377)* | *0.0091 (0.0063 - 0.0118)* | *0.0072 (0.0010 - 0.0135)* | 0.0039 (-0.0041 - 0.0119) |
| 5 | *0.0284 (0.0220 - 0.0349)* | *0.0085 (0.0045 - 0.0125)* | *0.0126 (0.0059 - 0.0192)* | 0.0061 (-0.0012 - 0.0134) |
| 6 | *0.0240 (0.0168 - 0.0313)* | *0.0070 (0.0016 - 0.0125)* | *0.0155 (0.0110 - 0.0200)* | *0.0091 (0.0049 - 0.0134)* |
| 7 | *0.0254 (0.0177 - 0.0331)* | *0.0062 (0.0002 - 0.0122)* | *0.0126 (0.0086 - 0.0167)* | *0.0095 (0.0055 - 0.0135)* |
| 8 | *0.0265 (0.0184 - 0.0346)* | 0.0069 (-0.0003 - 0.0141) | *0.0090 (0.0036 - 0.0144)* | *0.0053 (0.0001 - 0.0105)* |
| 9 | *0.0261 (0.0174 - 0.0348)* | 0.0075 (-0.0007 - 0.0156) | *0.0096 (0.0038 - 0.0153)* | 0.0052 (-0.0005 - 0.0110) |

| | Main Survey | | | | COVID-19 Study | | | |
|---|---|---|---|---|---|---|---|---|
| Wave | Mar Stat: Single | Mar Stat: Married | Mar Stat: Separated/Divorced | Mar Stat: Widowed | Mar Stat: Single | Mar Stat: Married | Mar Stat: Separated/Divorced | Mar Stat: Widowed |
| 2 | *0.0046 (0.0009 - 0.0082)* | 0.0023 (-0.0004 - 0.0050) | *0.0053 (0.0013 - 0.0092)* | 0.0016 (-0.0019 - 0.0051) | *0.0056 (0.0027 - 0.0085)* | *0.0060 (0.0034 - 0.0086)* | *0.0101 (0.0059 - 0.0143)* | *0.0166 (0.0110 - 0.0222)* |
| 3 | *0.0067 (0.0024 - 0.0110)* | *0.0034 (0.0008 - 0.0061)* | *0.0112 (0.0063 - 0.0162)* | *0.0062 (0.0022 - 0.0102)* | *0.0049 (0.0003 - 0.0095)* | *0.0035 (0.0007 - 0.0064)* | *0.0054 (0.0017 - 0.0091)* | *0.0104 (0.0048 - 0.0161)* |
| 4 | *0.0058 (0.0009 - 0.0107)* | 0.0033 (-0.0000 - 0.0066) | *0.0096 (0.0040 - 0.0152)* | *0.0065 (0.0019 - 0.0111)* | *0.0091 (0.0047 - 0.0136)* | *0.0071 (0.0045 - 0.0097)* | *0.0107 (0.0071 - 0.0144)* | *0.0207 (0.0145 - 0.0269)* |
| 5 | *0.0079 (0.0025 - 0.0133)* | *0.0050 (0.0011 - 0.0089)* | *0.0105 (0.0046 - 0.0164)* | *0.0081 (0.0031 - 0.0131)* | 0.0059 (-0.0004 - 0.0122) | *0.0045 (0.0002 - 0.0087)* | *0.0074 (0.0015 - 0.0133)* | *0.0109 (0.0044 - 0.0173)* |
| 6 | *0.0097 (0.0042 - 0.0153)* | *0.0078 (0.0034 - 0.0123)* | *0.0120 (0.0061 - 0.0179)* | *0.0137 (0.0081 - 0.0194)* | 0.0032 (-0.0045 - 0.0109) | 0.0029 (-0.0026 - 0.0083) | *0.0092 (0.0011 - 0.0173)* | 0.0062 (-0.0012 - 0.0137) |
| 7 | *0.0080 (0.0025 - 0.0134)* | *0.0057 (0.0017 - 0.0097)* | *0.0137 (0.0069 - 0.0205)* | *0.0140 (0.0081 - 0.0200)* | *0.0067 (0.0023 - 0.0111)* | *0.0065 (0.0027 - 0.0103)* | *0.0121 (0.0063 - 0.0179)* | *0.0196 (0.0123 - 0.0268)* |
| 8 | *0.0127 (0.0061 - 0.0192)* | *0.0099 (0.0049 - 0.0149)* | *0.0134 (0.0070 - 0.0197)* | *0.0159 (0.0097 - 0.0222)* | 0.0025 (-0.0058 - 0.0109) | 0.0018 (-0.0042 - 0.0077) | 0.0061 (-0.0013 - 0.0134) | 0.0050 (-0.0018 - 0.0118) |
| 9 | *0.0119 (0.0050 - 0.0188)* | *0.0102 (0.0046 - 0.0157)* | *0.0113 (0.0054 - 0.0172)* | *0.0159 (0.0092 - 0.0226)* | *0.0134 (0.0062 - 0.0205)* | *0.0104 (0.0052 - 0.0156)* | *0.0117 (0.0056 - 0.0179)* | *0.0143 (0.0070 - 0.0215)* |

| Wave | High Qual: Degree | High Qual: A-Level | High Qual: GCSE | High Qual: Other | High Qual: Degree | High Qual: A-Level | High Qual: GCSE | High Qual: Other |
|---|---|---|---|---|---|---|---|---|
| 2 | *0.0103 (0.0069 - 0.0136)* | *0.0063 (0.0034 - 0.0093)* | *0.0066 (0.0038 - 0.0093)* | *0.0090 (0.0049 - 0.0130)* | *0.0120 (0.0079 - 0.0161)* | *0.0119 (0.0067 - 0.0171)* | *0.0083 (0.0055 - 0.0112)* | *0.0218 (0.0149 - 0.0287)* |
| 3 | *0.0261 (0.0216 - 0.0306)* | *0.0125 (0.0091 - 0.0159)* | *0.0111 (0.0093 - 0.0130)* | *0.0138 (0.0094 - 0.0183)* | *0.0094 (0.0040 - 0.0147)* | *0.0103 (0.0041 - 0.0166)* | *0.0132 (0.0063 - 0.0201)* | 0.0058 (-0.0009 - 0.0125) |
| 4 | *0.0364 (0.0312 - 0.0416)* | *0.0165 (0.0126 - 0.0204)* | *0.0154 (0.0127 - 0.0181)* | *0.0163 (0.0117 - 0.0209)* | *0.0063 (0.0022 - 0.0105)* | *0.0116 (0.0045 - 0.0186)* | *0.0065 (0.0004 - 0.0126)* | *0.0128 (0.0054 - 0.0203)* |
| 5 | *0.0430 (0.0373 - 0.0487)* | *0.0169 (0.0135 - 0.0203)* | *0.0169 (0.0143 - 0.0194)* | *0.0183 (0.0133 - 0.0233)* | *0.0196 (0.0134 - 0.0257)* | *0.0192 (0.0122 - 0.0263)* | *0.0247 (0.0168 - 0.0325)* | *0.0162 (0.0083 - 0.0242)* |
| 6 | *0.0562 (0.0496 - 0.0629)* | *0.0191 (0.0159 - 0.0223)* | *0.0222 (0.0180 - 0.0263)* | *0.0233 (0.0171 - 0.0295)* | *0.0203 (0.0145 - 0.0262)* | *0.0199 (0.0125 - 0.0274)* | *0.0134 (0.0100 - 0.0168)* | *0.0308 (0.0215 - 0.0401)* |
| 7 | *0.0634 (0.0563 - 0.0704)* | *0.0210 (0.0181 - 0.0239)* | *0.0231 (0.0197 - 0.0265)* | *0.0302 (0.0231 - 0.0373)* | *0.0117 (0.0057 - 0.0177)* | *0.0149 (0.0066 - 0.0231)* | *0.0106 (0.0032 - 0.0180)* | *0.0222 (0.0131 - 0.0312)* |
| 8 | *0.0694 (0.0619 - 0.0769)* | *0.0221 (0.0194 - 0.0247)* | *0.0253 (0.0213 - 0.0293)* | *0.0310 (0.0236 - 0.0383)* | *0.0172 (0.0106 - 0.0237)* | *0.0114 (0.0047 - 0.0180)* | *0.0147 (0.0071 - 0.0223)* | *0.0204 (0.0119 - 0.0289)* |
| 9 | *0.0716 (0.0635 - 0.0797)* | *0.0238 (0.0198 - 0.0278)* | *0.0285 (0.0232 - 0.0337)* | *0.0318 (0.0239 - 0.0396)* | *0.0159 (0.0091 - 0.0227)* | *0.0136 (0.0058 - 0.0215)* | *0.0143 (0.0063 - 0.0223)* | *0.0259 (0.0167 - 0.0352)* |

| Wave | High Qual: None | Tenure: Owned | Tenure: Rented | Tenure: Other | High Qual: None | Tenure: Owned | Tenure: Rented | Tenure: Other |
|---|---|---|---|---|---|---|---|---|
| 2 | *0.0159 (0.0117 - 0.0201)* | *0.0193 (0.0163 - 0.0223)* | *0.0249 (0.0209 - 0.0289)* | 0.0040 (-0.0013 - 0.0094) | *0.0182 (0.0115 - 0.0249)* | *0.0081 (0.0037 - 0.0125)* | *0.0108 (0.0048 - 0.0168)* | 0.0024 (-0.0096 - 0.0145) |
| 3 | *0.0325 (0.0272 - 0.0377)* | *0.0291 (0.0254 - 0.0328)* | *0.0382 (0.0331 - 0.0432)* | *0.0107 (0.0041 - 0.0172)* | *0.0107 (0.0039 - 0.0175)* | *0.0067 (0.0019 - 0.0115)* | *0.0087 (0.0022 - 0.0152)* | 0.0044 (-0.0061 - 0.0148) |
| 4 | *0.0428 (0.0368 - 0.0487)* | *0.0366 (0.0325 - 0.0408)* | *0.0492 (0.0436 - 0.0549)* | 0.0062 (-0.0010 - 0.0135) | *0.0081 (0.0012 - 0.0151)* | *0.0059 (0.0008 - 0.0111)* | *0.0081 (0.0012 - 0.0150)* | 0.0030 (-0.0071 - 0.0130) |
| 5 | *0.0490 (0.0426 - 0.0554)* | *0.0398 (0.0353 - 0.0442)* | *0.0536 (0.0475 - 0.0597)* | *0.0109 (0.0032 - 0.0185)* | *0.0184 (0.0105 - 0.0263)* | *0.0094 (0.0040 - 0.0149)* | *0.0129 (0.0055 - 0.0204)* | 0.0043 (-0.0053 - 0.0139) |
| 6 | *0.0551 (0.0480 - 0.0623)* | *0.0447 (0.0398 - 0.0497)* | *0.0614 (0.0545 - 0.0682)* | 0.0086 (-0.0001 - 0.0172) | *0.0363 (0.0270 - 0.0456)* | *0.0130 (0.0070 - 0.0190)* | *0.0181 (0.0097 - 0.0264)* | 0.0068 (-0.0033 - 0.0169) |
| 7 | *0.0617 (0.0541 - 0.0692)* | *0.0486 (0.0435 - 0.0538)* | *0.0668 (0.0597 - 0.0740)* | *0.0110 (0.0022 - 0.0199)* | *0.0099 (0.0017 - 0.0182)* | *0.0167 (0.0108 - 0.0226)* | *0.0230 (0.0149 - 0.0312)* | 0.0036 (-0.0090 - 0.0162) |
| 8 | *0.0671 (0.0591 - 0.0750)* | *0.0525 (0.0471 - 0.0579)* | *0.0722 (0.0646 - 0.0797)* | *0.0165 (0.0075 - 0.0255)* | *0.0103 (0.0024 - 0.0183)* | *0.0148 (0.0092 - 0.0203)* | *0.0201 (0.0125 - 0.0277)* | 0.0011 (-0.0267 - 0.0289) |
| 9 | *0.0707 (0.0623 - 0.0792)* | *0.0585 (0.0527 - 0.0642)* | *0.0815 (0.0735 - 0.0896)* | *0.0117 (0.0019 - 0.0215)* | 0.0057 (-0.0020 - 0.0134) | *0.0135 (0.0077 - 0.0193)* | *0.0186 (0.0105 - 0.0266)* | 0.0005 (-0.0669 - 0.0680) |

*Abbrev.:* Employment Status – Emp Stat; Employed, In Education or Training – Emp, In Educ or Training; Household Composition – HH Comp; Marital Status – Mar Stat; Highest Qualification – High Qual; Housing Tenure – Tenure

*Note.* 95% CIs in brackets. Italics indicate statistical significance at the 5% level ($p<.05$).

**Figure A1**

*Covariate CV$_c$s for the: (a) UKHLS Main Survey; and (b) COVID-19 Study Longitudinal Datasets*

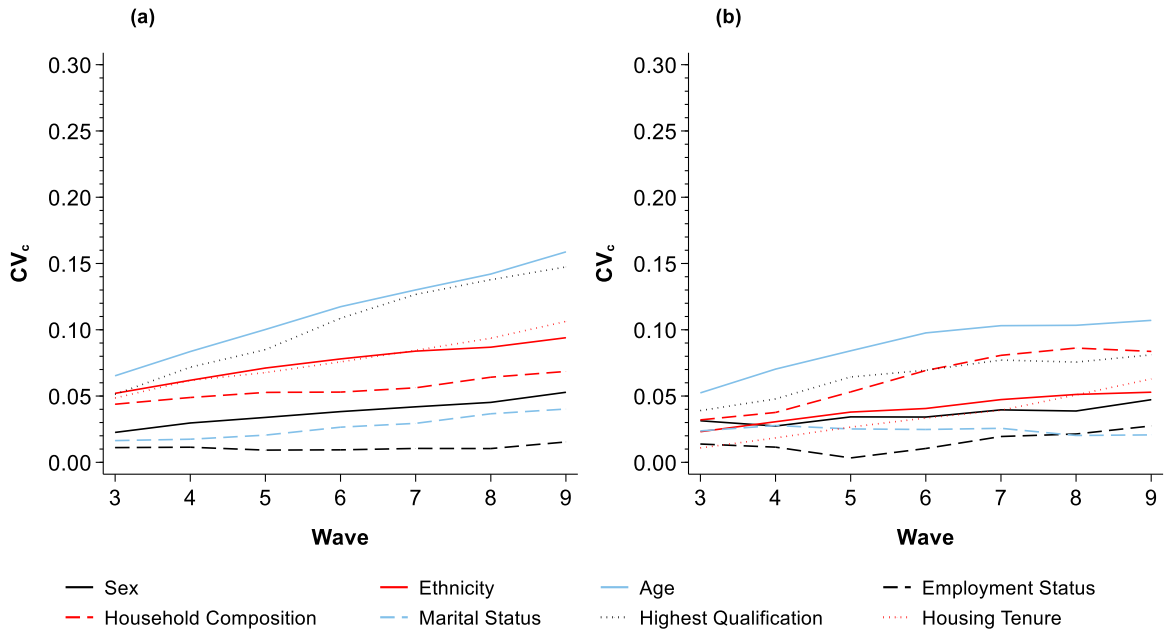



**Figure A2**

*Covariate Category CV$_c$s for the Covariate Age for the (a) UKHLS Main Survey; and (b) COVID-19 Study Longitudinal Datasets*

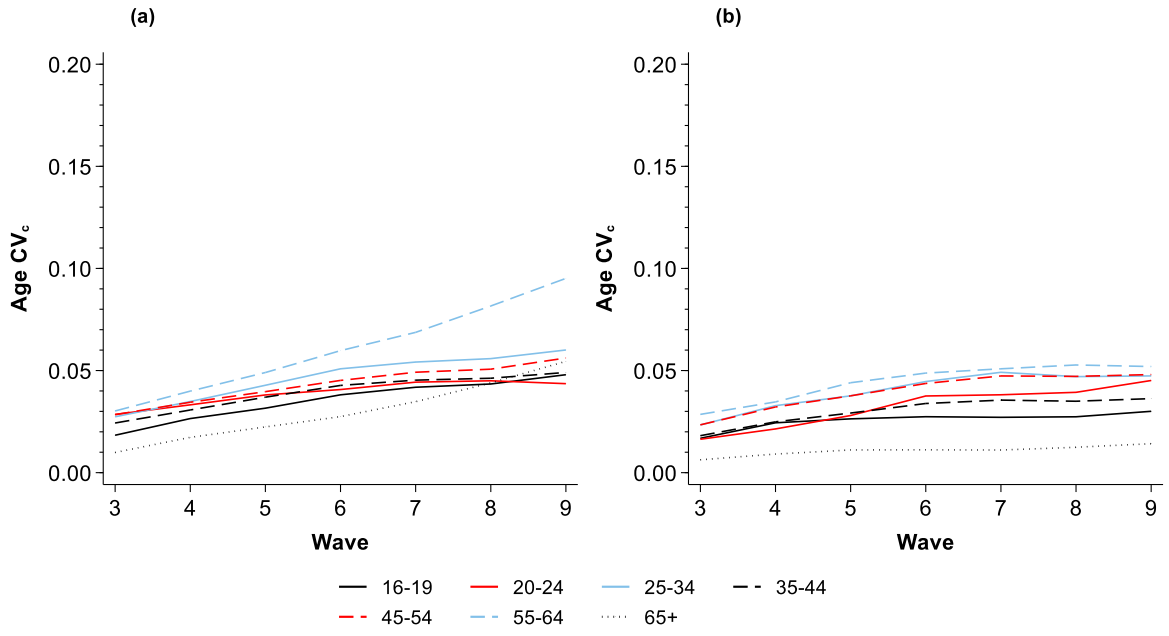


**Figure A3**

*Covariate Category $CV_c$s for the Covariate Highest Qualification for the (a) UKHLS Main Survey; and (b) COVID-19 Study Longitudinal Datasets*

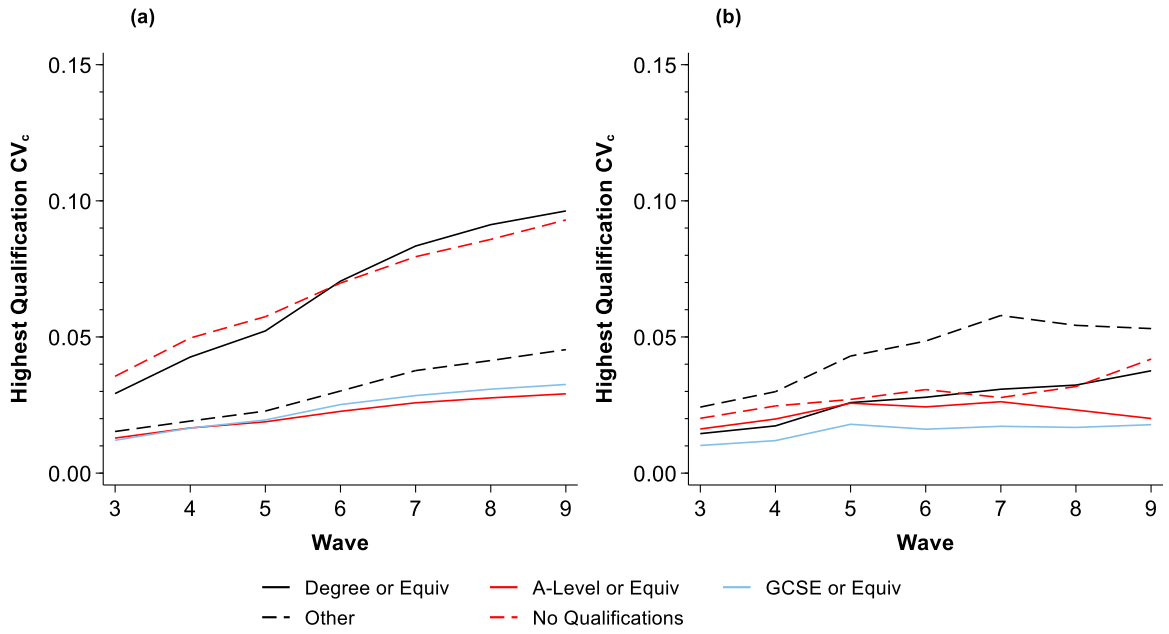


**Figure A4**

*Covariate Category $CV_c$s for the Covariate Tenure for the (a) UKHLS Main Survey; and (b) COVID-19 Study Longitudinal Datasets*

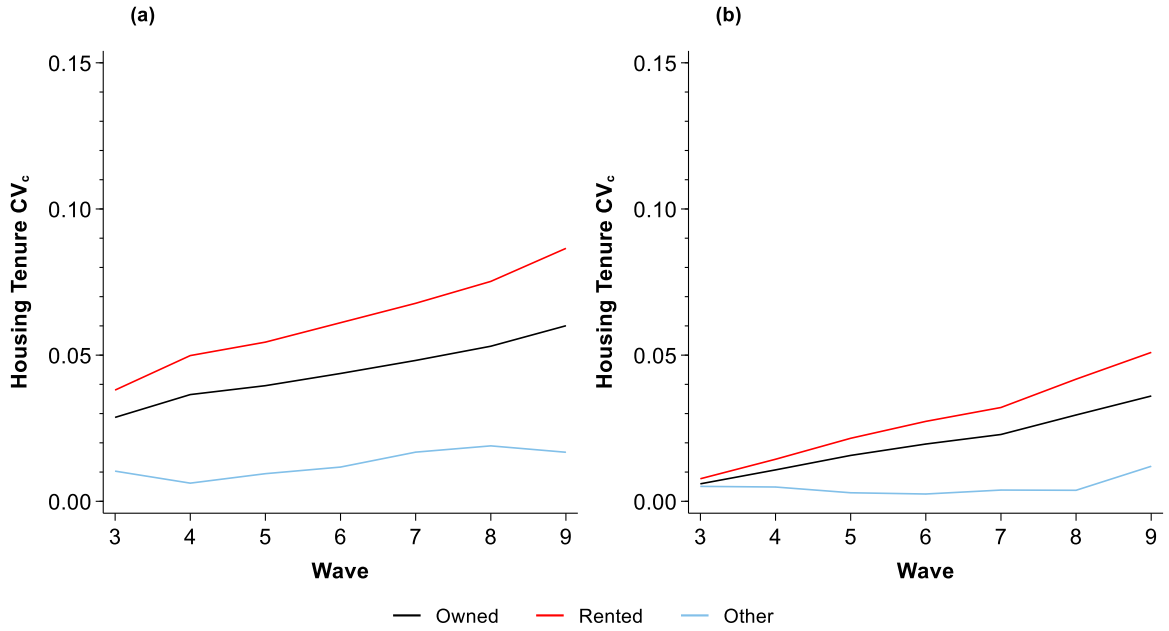


**Figure A5**

*Covariate $CV_c$s for the (a) UKHLS Main Survey; and (b) COVID-19 Study Cross-Sectional Datasets*

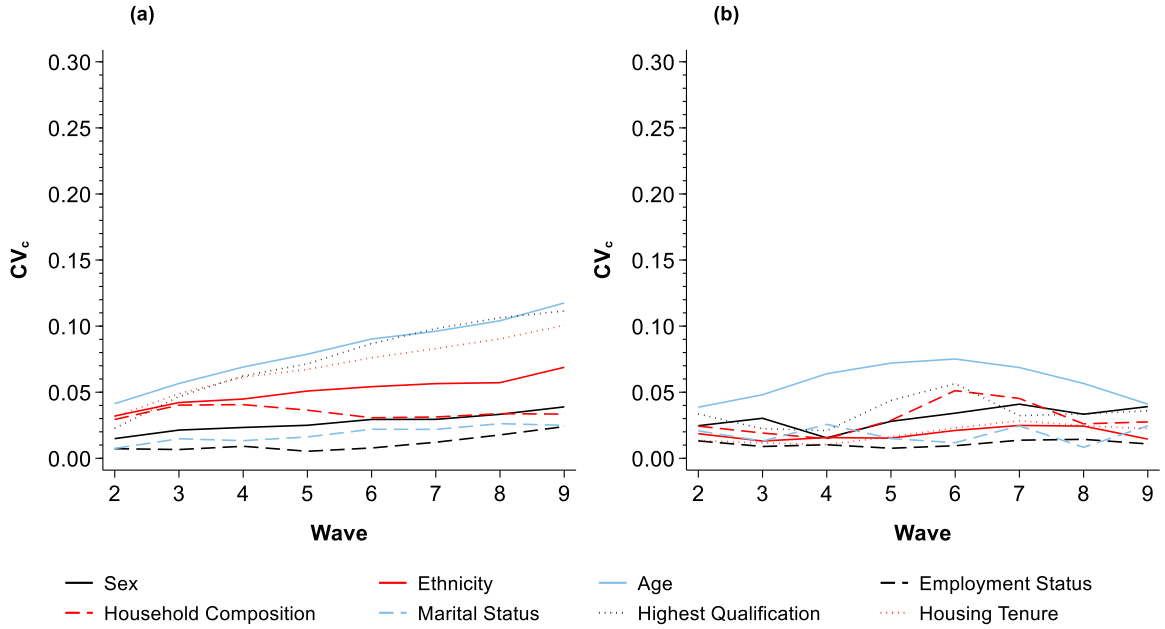


**Figure A6**

*Covariate Category $CV_c$s for the Covariate Age for the (a) UKHLS Main survey; and (b) COVID-19 Study Cross-Sectional Datasets*

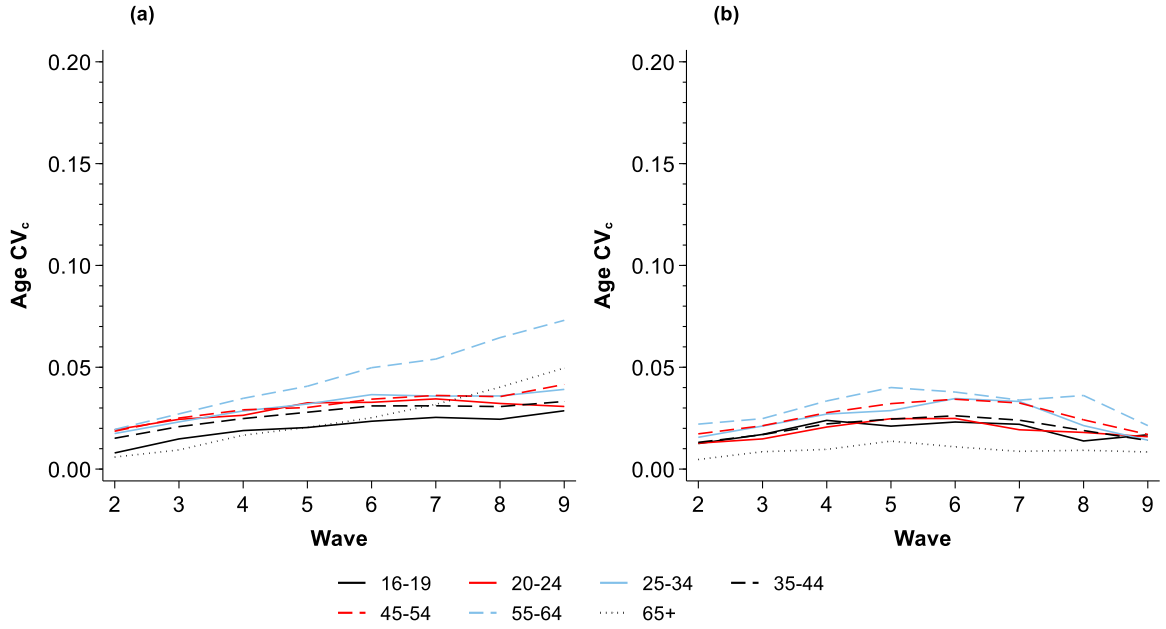


**Figure A7**

*Covariate Category $CV_c$s for the Covariate Highest Qualification for the (a) UKHLS Main Survey; and (b) COVID-19 Study Cross-Sectional Datasets*

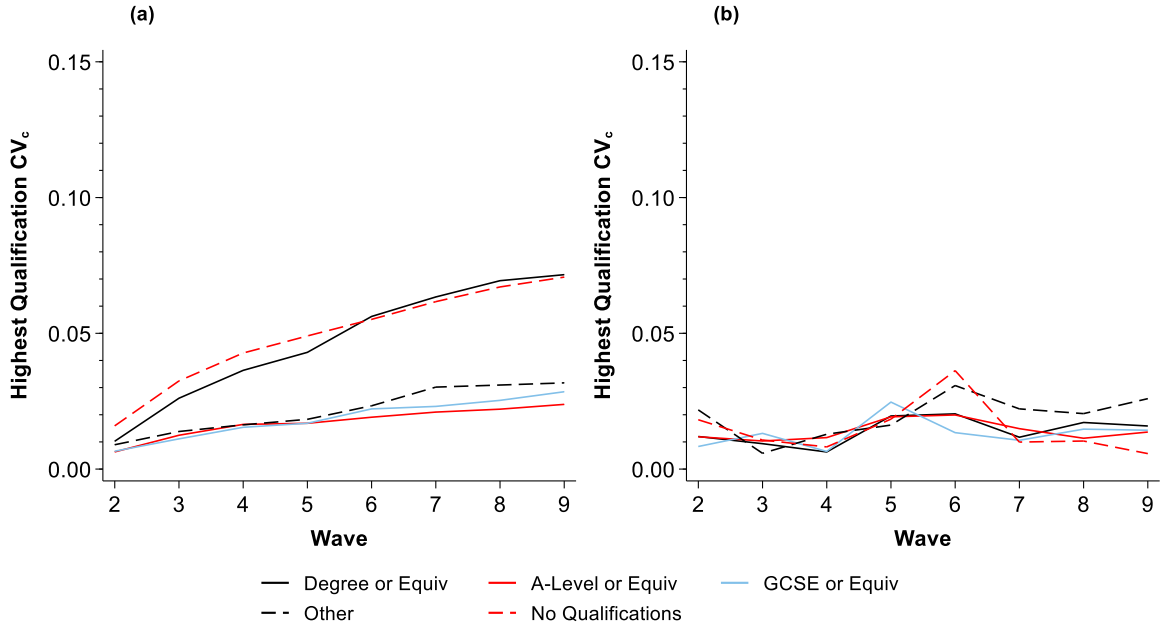
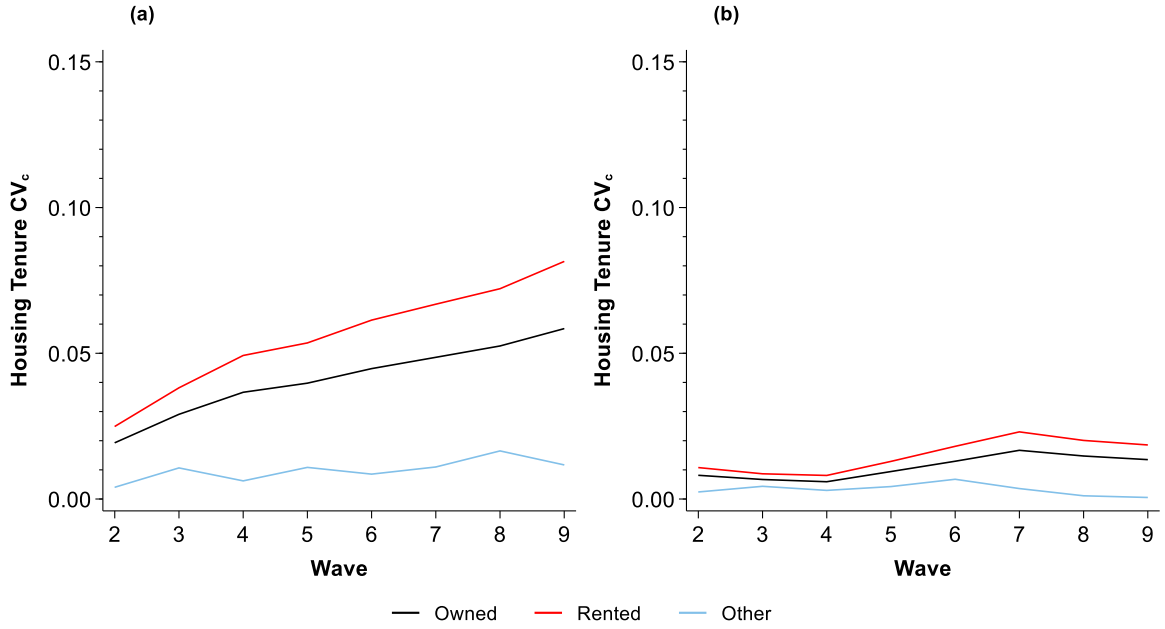


**Figure A8**

*Covariate Category $CV_c$s for the Covariate Tenure for the (a) UKHLS Main Survey; and (b) COVID-19 Study Cross-Sectional Datasets*




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