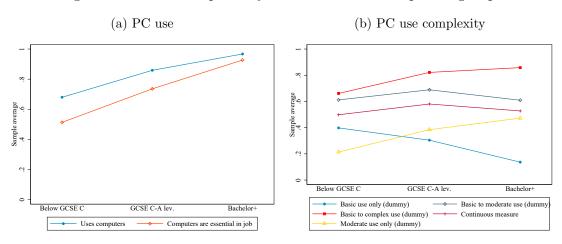
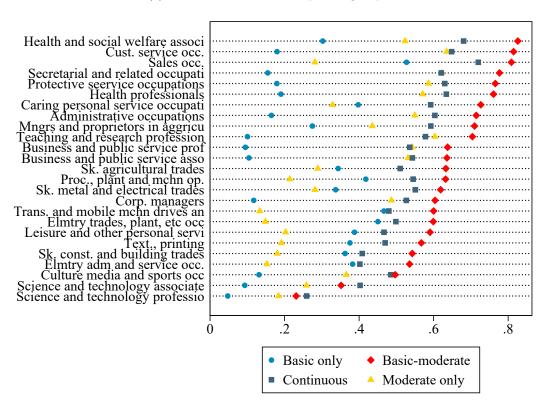
Figure 1: PC use complexitity across different occupation groups

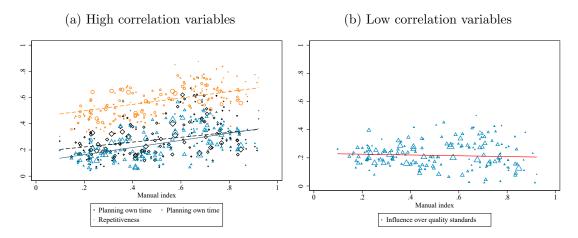


(c) PC use in different occupation groups



Note: basic use involves routine procedures such as printing and invoicing. Moderate use involves use of email and word processing and/or spreadsheets. Complex use involves use for statistical analysis. Table generated on 11 May 2020 at 10:34:54.

Figure 2: Correlation between manual skill index and variables in the old routine index

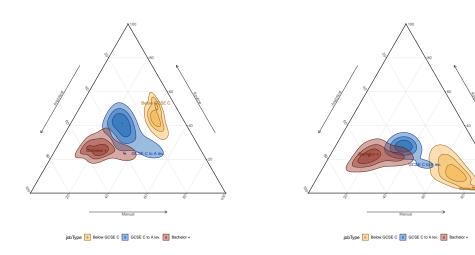


Note: correlation with simple average manual index. Occupation cells weighted by number of observations. Table generated on 11 May 2020 at 11:55:18.

Figure 3: Comparison of routine measures

(a) Original measure

(b) Routine PC dummy



(c) Routine PC continuous

(d) Moderate PC use dummy

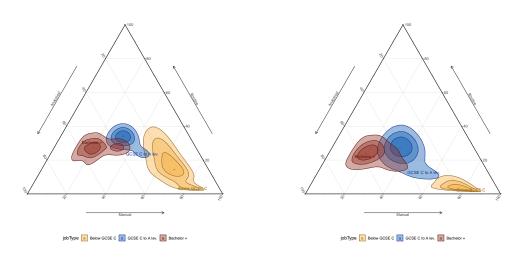
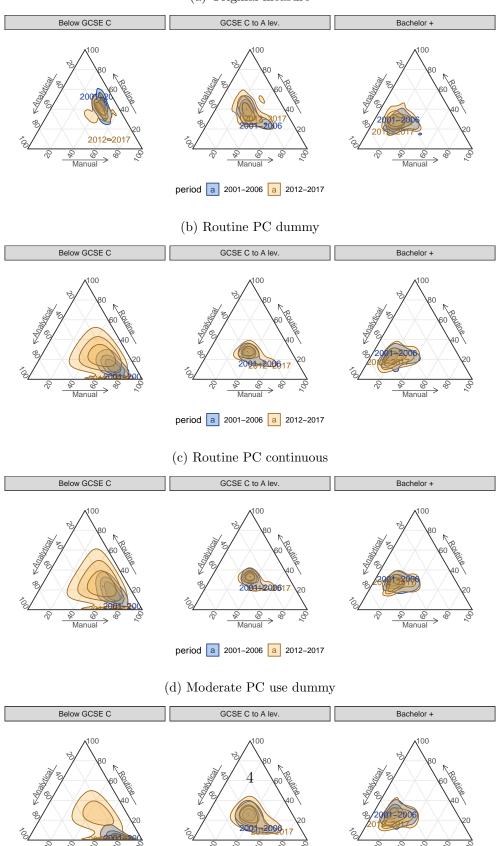


Figure 4: Change across time - comparison of routine measures

(a) Original measure



period a 2001-2006 a 2012-2017

Table 1: Comparison of pc use measures

| | | PC use complexity | | | |
|----------------------------------|------------|-------------------|--------------------------------------|----------|----------|
| | PC use | Basic | Mod- | Comp- | Cont |
| Base level: Below GCSE C | (1) | (2) | (3) | (4) | (5) |
| Mid-High jobs | | | | | |
| GCSE C-A levels | 0.06 | -0.15** | * -0.10* | 0.04 | -0.05 |
| | (0.03) | (0.05) | (0.05) | (0.04) | (0.04) |
| Bachelor+ | 0.10** | -0.22** | **-0.12* | 0.07^* | -0.06 |
| | (0.03) | (0.05) | (0.05) | (0.03) | (0.03) |
| $t	ext{-}statistic \ difference$ | 3.43 | -3.53 | -0.76 | 1.39 | -1.00 |
| Low-Mid jobs | | | | | |
| GCSE C-A levels | 0.09*** | 0.00 | 0.07*** | 0.09*** | 0.08*** |
| | (0.02) | (0.02) | (0.02) | (0.02) | (0.02) |
| Bachelor+ | 0.13*** | -0.11** | ** 0.03 | 0.10*** | 0.05* |
| | (0.02) | (0.03) | (0.02) | (0.02) | (0.02) |
| $t	ext{-}statistic \ difference$ | 2.38 | -4.58 | -1.74 | 0.64 | -1.58 |
| Low jobs | | | | | |
| GCSE C-A levels | 0.08** | 0.04 | 0.08** | 0.08** | 0.09** |
| | (0.03) | (0.03) | (0.03) | (0.03) | (0.03) |
| Bachelor+ | 0.19*** | -0.04 | 0.12 | 0.19** | 0.11 |
| | (0.06) | (0.06) | (0.06) | (0.06) | (0.06) |
| $t	ext{-}statistic \ difference$ | 1.88 | -1.14 | 0.61 | 1.83 | 0.35 |
| Mid jobs | | | | | |
| GCSE C-A levels | 0.05*** | -0.12** | **-0.01 | 0.04* | -0.01 |
| | (0.01) | (0.02) | (0.02) | (0.02) | (0.02) |
| Bachelor+ | 0.07*** | -0.21** | ** ⁻ 0.11 [*] ** | (0.03) | -0.08*** |
| | (0.02) | (0.03) | (0.03) | (0.02) | (0.02) |
| $t	ext{-}statistic \ difference$ | 2.64 | -5.75 | -5.67 | -1.47 | -5.69 |
| High jobs | | | | | |
| GCSE C-A levels | 0.03 | -0.12** | **-0.08* | 0.03 | -0.05* |
| | (0.02) | (0.03) | (0.03) | (0.03) | (0.02) |
| Bachelor+ | 0.04* | -0.19** | **-0.17*** | `-0.00 | -0.11*** |
| | (0.02) | (0.03) | (0.03) | (0.03) | (0.02) |
| t-statistic difference | $2.27^{'}$ | -5.58 | -5.49 | -2.94 | -6.35 |

Note: robust standard errors in parenthesis. The regression includes data from occupations. I pool data from all years. Regressions include occupation and year fixed-effects. Table generated on 5 May 2020 at 15:09:36.