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| [1] RICH  $Aberdeen  Call:  lm(formula = xij2011 ~ xij1991 + w91q, data = x)  Residuals:  Min 1Q Median 3Q Max  -1.6035 -0.2592 -0.1550 0.1323 1.9290  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.3120 0.0511 6.105 8.74e-09 \*\*\*  xij1991 0.2416 0.0705 3.426 0.000794 \*\*\*  w91q 0.1498 0.1137 1.318 0.189681  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.4429 on 147 degrees of freedom  Multiple R-squared: 0.1196, Adjusted R-squared: 0.1076  F-statistic: 9.984 on 2 and 147 DF, p-value: 8.594e-05  $Dundee  Call:  lm(formula = xij2011 ~ xij1991 + w91q, data = x)  Residuals:  Min 1Q Median 3Q Max  -0.18960 -0.08572 -0.03785 0.03530 0.88215  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.08799 0.02467 3.566 0.00046 \*\*\*  xij1991 0.12003 0.08735 1.374 0.17106  w91q 0.33259 0.16344 2.035 0.04327 \*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.146 on 187 degrees of freedom  Multiple R-squared: 0.04985, Adjusted R-squared: 0.03969  F-statistic: 4.906 on 2 and 187 DF, p-value: 0.008386  $Edinburgh  Call:  lm(formula = xij2011 ~ xij1991 + w91q, data = x)  Residuals:  Min 1Q Median 3Q Max  -0.90435 -0.14109 -0.04090 0.07895 1.94021  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.02880 0.02086 1.381 0.168  xij1991 0.73479 0.06080 12.085 < 2e-16 \*\*\*  w91q 0.75421 0.09919 7.604 1.04e-13 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.2947 on 637 degrees of freedom  Multiple R-squared: 0.4578, Adjusted R-squared: 0.4561  F-statistic: 268.9 on 2 and 637 DF, p-value: < 2.2e-16  $Glasgow  Call:  lm(formula = xij2011 ~ xij1991 + w91q, data = x)  Residuals:  Min 1Q Median 3Q Max  -0.32507 -0.06179 -0.02881 0.02206 1.09871  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.047294 0.005454 8.671 < 2e-16 \*\*\*  xij1991 0.382608 0.029811 12.834 < 2e-16 \*\*\*  w91q 0.290029 0.044375 6.536 9.14e-11 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.1242 on 1267 degrees of freedom  Multiple R-squared: 0.3033, Adjusted R-squared: 0.3022  F-statistic: 275.8 on 2 and 1267 DF, p-value: < 2.2e-16 | [1] POOR  $Aberdeen  Call:  lm(formula = xij2011 ~ xij1991 + w91q, data = x)  Residuals:  Min 1Q Median 3Q Max  -1.0275 -0.3164 -0.1198 0.0769 3.7329  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.10056 0.07592 1.325 0.187031  xij1991 0.41281 0.10864 3.800 0.000199 \*\*\*  w91q 0.81747 0.16590 4.927 1.9e-06 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.6089 on 177 degrees of freedom  Multiple R-squared: 0.282, Adjusted R-squared: 0.2739  F-statistic: 34.75 on 2 and 177 DF, p-value: 1.856e-13  $Dundee  Call:  lm(formula = xij2011 ~ xij1991 + w91q, data = x)  Residuals:  Min 1Q Median 3Q Max  -0.49995 -0.10079 -0.05178 0.03868 1.05294  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.01742 0.02425 0.718 0.473  xij1991 0.26669 0.05998 4.446 1.37e-05 \*\*\*  w91q 0.70052 0.11101 6.310 1.46e-09 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.2002 on 225 degrees of freedom  Multiple R-squared: 0.3181, Adjusted R-squared: 0.312  F-statistic: 52.48 on 2 and 225 DF, p-value: < 2.2e-16  $Edinburgh  Call:  lm(formula = xij2011 ~ xij1991 + w91q, data = x)  Residuals:  Min 1Q Median 3Q Max  -1.3742 -0.1421 -0.0445 0.0750 3.7660  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.05502 0.01996 2.757 0.00598 \*\*  xij1991 0.48614 0.04681 10.386 < 2e-16 \*\*\*  w91q 0.48026 0.07415 6.477 1.68e-10 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.3248 on 765 degrees of freedom  Multiple R-squared: 0.3108, Adjusted R-squared: 0.309  F-statistic: 172.5 on 2 and 765 DF, p-value: < 2.2e-16  $Glasgow  Call:  lm(formula = xij2011 ~ xij1991 + w91q, data = x)  Residuals:  Min 1Q Median 3Q Max  -1.5506 -0.1021 -0.0515 0.0204 3.9058  Coefficients:  Estimate Std. Error t value Pr(>|t|)  (Intercept) 0.069344 0.009376 7.396 2.31e-13 \*\*\*  xij1991 0.399541 0.020101 19.877 < 2e-16 \*\*\*  w91q 0.412718 0.030229 13.653 < 2e-16 \*\*\*  ---  Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1  Residual standard error: 0.3061 on 1521 degrees of freedom  Multiple R-squared: 0.4449, Adjusted R-squared: 0.4442  F-statistic: 609.5 on 2 and 1521 DF, p-value: < 2.2e-16 |