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Working Paper

Socio-economic differences in university outcomes in the UK: Drop-out, degree completion and degree class

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Online Appendix to accompany IFS Working Paper W14/31: socio-economic differences in university outcomes in the UK: drop-out, degree completion and degree class by Claire Crawford

Institutional classifications

Russell Group: Birmingham, Bristol, Cambridge, Cardiff, Edinburgh, Glasgow, Imperial College London, King's College London, Leeds, Liverpool, London School of Economics, Manchester, Newcastle, Nottingham, Oxford, Queen's University Belfast, Sheffield, Southampton, University College London and Warwick. A further four universities – Durham, Exeter, Queen Mary University of London and York – were added to the Russell Group in March 2012.

1994 Group: the Universities of Bath, Durham, East Anglia, Essex, Exeter, Lancaster, Leicester, Loughborough, Reading, St Andrews, Surrey, Sussex and York, plus Birkbeck College, Goldsmiths College, the Institute of Education, Queen Mary and Westfield College, Royal Holloway and Bedford New College, and School of Oriental and African Studies.

University Alliance: the Universities of Bradford, Glamorgan, Hertfordshire, Huddersfield, Lincoln, Northumbria (Newcastle), Plymouth, Portsmouth, Salford, Wales (Newport) and the West of England (Bristol), plus Bournemouth University, Cardiff Metropolitan University, De Montfort University, Glasgow Caledonian University, Kingston University, Liverpool John Moores University, Manchester Metropolitan University, Nottingham Trent University, the Open University, Oxford Brookes University and Sheffield Hallam University.

Million+: the Universities of Abertay Dundee, Bedfordshire, Bolton, Central Lancashire, Cumbria, Derby, East London, Gloucestershire, Greenwich, Northampton, Sunderland, West London, West of Scotland and Wolverhampton, plus Anglia Ruskin University, Bath Spa University, Birmingham City University, Buckinghamshire New University, Canterbury Christ Church University, Coventry University, Edinburgh Napier University, Leeds Metropolitan University, London Metropolitan University, Middlesex University and Staffordshire University. Kingston University is in Million+ as well as University Alliance, but has been classified as a University Alliance institution for the purposes of this exercise; it is highly unlikely that this will make any discernible difference to our results.

Guild HE: University College Birmingham, Bishop Grosseteste University College Lincoln, Arts University College at Bournemouth, University of Chichester, University for the Creative Arts, University College Falmouth, Glyndwr University, Harper Adams University College, Leeds Trinity University College, Liverpool Institute for Performing Arts, University of St Mark & St John Plymouth, Ravensbourne, Rose Bruford College, Royal Agricultural College, St Mary's University College, St Mary's University College Twickenham, University of Winchester, University of Worcester, Writtle College and York St John University.

Non-affiliated institutions: the Universities of Aberdeen, Arts (London), Brighton, Buckingham, Chester, Dundee, Highlands and Islands, Hull, Keele, Kent, London (Institutes), Stirling, Strathclyde, Ulster, Wales (central functions), Wales (Trinity St David) and Westminster, plus Aberystwyth University, Aston University, Bangor University, Bell College, Brunel University, Central School of Speech and Drama, City University, Conservatoire for Dance and Drama, Courtauld Institute of Art, Cranfield University, Cumbria Institute of the Arts, Dartington College of Arts, Edge Hill University,

Edinburgh College of Art, Glasgow School of Art, Guildhall School of Music and Drama, Heriot-Watt University, Heythrop College, Homerton College, Institute of Cancer Research, Kent Institute of Art and Design, Leeds College of Art, Leeds College of Music, Liverpool Hope University, London Business School, London School of Hygiene and Tropical Medicine, London South Bank University, Queen Margaret University (Edinburgh), Robert Gordon University, Roehampton University, Royal Academy of Music, Royal College of Art, Royal College of Music, Royal Northern College of Music, Royal Scottish Academy of Music and Drama, Royal Veterinary College, Royal Welsh College of Music and Drama, School of Pharmacy, Scottish Agricultural College, Southampton Solent University, St George's Hospital Medical School, Stranmillis University College, Surrey Institute of Art and Design, Swansea Metropolitan University, Swansea University, Trinity College (Carmarthen), Trinity Laban Conservatoire of Music, University Campus Suffolk and the Wimbledon School of Art.

Those included in our definition of high-status institutions in addition to the Russell Group: Aston, Bath, Birkbeck College, Courtauld Institute of Art, Durham, East Anglia, Essex, Exeter, Homerton College, Lancaster, Queen Mary and Westfield College, Reading, Royal Holloway and Bedford New College, Royal Veterinary College, School of Oriental and African Studies, School of Pharmacy, Surrey, Sussex, University of the Arts London, University of London and York.

Table A1 SES differences in drop-out within 2 years of starting university at age 18/19

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 2 nd SES quintile group | -0.023*** (0.002) | -0.009*** (0.002) | -0.009*** (0.002) | -0.009*** (0.002) | -0.009*** (0.002) | -0.008*** (0.002) | -0.009*** (0.002) |
| Middle SES quintile group | -0.044*** (0.002) | -0.019*** (0.002) | -0.019*** (0.002) | -0.019*** (0.002) | -0.019*** (0.002) | -0.018*** (0.002) | -0.019*** (0.002) |
| 4 th SES quintile group | -0.062*** (0.003) | -0.027*** (0.002) | -0.026*** (0.002) | -0.027*** (0.002) | -0.027*** (0.002) | -0.025*** (0.002) | -0.026*** (0.002) |
| Top SES quintile group | -0.084*** (0.003) | -0.037*** (0.002) | -0.037*** (0.002) | -0.037*** (0.002) | -0.037*** (0.002) | -0.035*** (0.002) | -0.034*** (0.002) |
| Sat GCSEs in 2003 | -0.014*** (0.001) | -0.008*** (0.001) | -0.008*** (0.001) | -0.008*** (0.001) | -0.009*** (0.001) | -0.008*** (0.001) | -0.008*** (0.002) |
| Sat GCSEs in 2004 | -0.016*** (0.002) | -0.008*** (0.001) | -0.008*** (0.001) | -0.007*** (0.002) | -0.008*** (0.001) | -0.008*** (0.001) | -0.008*** (0.002) |
| Sat GCSEs in 2005 | -0.018*** (0.002) | -0.007*** (0.002) | -0.007*** (0.002) | -0.006*** (0.002) | -0.008*** (0.002) | -0.007*** (0.002) | -0.006*** (0.001) |
| Sat GCSEs in 2006 | 0.002 (0.002) | 0.014*** (0.002) | 0.014*** (0.002) | 0.016*** (0.002) | 0.014*** (0.002) | 0.014*** (0.002) | 0.015*** (0.002) |
| Male | | 0.007*** (0.001) | 0.007*** (0.001) | 0.006*** (0.001) | 0.007*** (0.001) | 0.007*** (0.001) | 0.008*** (0.001) |
| Born in October | | -0.001 (0.002) | -0.001 (0.002) | -0.001 (0.002) | -0.001 (0.002) | -0.001 (0.002) | -0.001 (0.002) |
| Born in November | | -0.000 (0.002) | -0.000 (0.002) | -0.000 (0.002) | -0.000 (0.002) | -0.000 (0.002) | -0.000 (0.002) |
| Born in December | | -0.002 (0.002) | -0.002 (0.002) | -0.002 (0.002) | -0.002 (0.002) | -0.002 (0.002) | -0.002 (0.002) |
| Born in January | | 0.009*** (0.002) | 0.009*** (0.002) | 0.009*** (0.002) | 0.009*** (0.002) | 0.009*** (0.002) | 0.009*** (0.002) |
| Born in February | | 0.010*** (0.002) | 0.010*** (0.002) | 0.010*** (0.002) | 0.010*** (0.002) | 0.010*** (0.002) | 0.010*** (0.002) |
| Born in March | | 0.006*** (0.002) | 0.006*** (0.002) | 0.006*** (0.002) | 0.006*** (0.002) | 0.006*** (0.002) | 0.006*** (0.002) |

| | | | | | | | |
|--|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Born in April | | 0.007*** (0.002) | 0.007*** (0.002) | 0.007*** (0.002) | 0.008*** (0.002) | 0.007*** (0.002) | 0.008*** (0.002) |
| Born in May | | 0.007*** (0.002) | 0.007*** (0.002) | 0.007*** (0.002) | 0.007*** (0.002) | 0.007*** (0.002) | 0.008*** (0.002) |
| Born in June | | 0.003 (0.002) | 0.003 (0.002) | 0.003 (0.002) | 0.003* (0.002) | 0.003 (0.002) | 0.003* (0.002) |
| Born in July | | 0.006*** (0.002) | 0.006*** (0.002) | 0.006*** (0.002) | 0.007*** (0.002) | 0.006*** (0.002) | 0.007*** (0.002) |
| Born in August | | 0.005** (0.002) | 0.006*** (0.002) | 0.005** (0.002) | 0.006*** (0.002) | 0.006** (0.002) | 0.006*** (0.002) |
| Other White | | -0.016*** (0.002) | -0.016*** (0.002) | -0.016*** (0.002) | -0.015*** (0.002) | -0.016*** (0.002) | -0.015*** (0.002) |
| Black African | | -0.076*** (0.004) | -0.075*** (0.004) | -0.075*** (0.003) | -0.070*** (0.003) | -0.074*** (0.004) | -0.069*** (0.003) |
| Black Caribbean | | -0.055*** (0.004) | -0.056*** (0.004) | -0.055*** (0.004) | -0.052*** (0.004) | -0.056*** (0.004) | -0.054*** (0.003) |
| Other Black | | -0.044*** (0.005) | -0.044*** (0.005) | -0.044*** (0.005) | -0.041*** (0.005) | -0.043*** (0.005) | -0.042*** (0.005) |
| Indian | | -0.042*** (0.002) | -0.042*** (0.003) | -0.042*** (0.002) | -0.039*** (0.002) | -0.042*** (0.002) | -0.040*** (0.002) |
| Pakistani | | -0.048*** (0.003) | -0.047*** (0.003) | -0.048*** (0.003) | -0.044*** (0.003) | -0.049*** (0.003) | -0.046*** (0.003) |
| Bangladeshi | | -0.031*** (0.004) | -0.031*** (0.004) | -0.031*** (0.004) | -0.027*** (0.004) | -0.034*** (0.004) | -0.029*** (0.003) |
| Chinese | | -0.030*** (0.004) | -0.029*** (0.004) | -0.030*** (0.004) | -0.028*** (0.004) | -0.029*** (0.004) | -0.029*** (0.004) |
| Other Asian | | -0.040*** (0.003) | -0.040*** (0.003) | -0.040*** (0.003) | -0.037*** (0.003) | -0.041*** (0.003) | -0.040*** (0.003) |
| Mixed | | -0.016*** (0.002) | -0.016*** (0.002) | -0.016*** (0.002) | -0.015*** (0.002) | -0.016*** (0.002) | -0.016*** (0.002) |
| Other | | -0.034*** (0.003) | -0.033*** (0.003) | -0.034*** (0.003) | -0.031*** (0.003) | -0.034*** (0.003) | -0.035*** (0.003) |
| Speaks English as an additional language | | -0.019*** (0.002) | -0.019*** (0.002) | -0.019*** (0.002) | -0.018*** (0.002) | -0.020*** (0.002) | -0.018*** (0.002) |
| Statemented SEN | | -0.035*** (0.005) | -0.035*** (0.005) | -0.036*** (0.006) | -0.035*** (0.005) | -0.035*** (0.005) | -0.038*** (0.006) |
| Non-statemented SEN | | -0.009*** (0.002) | -0.009*** (0.002) | -0.009*** (0.002) | -0.009*** (0.002) | -0.009*** (0.002) | -0.009*** (0.002) |
| Lives in the North West | | 0.001 (0.005) | 0.002 (0.005) | 0.001 (0.004) | 0.003 (0.005) | 0.001 (0.004) | 0.004 (0.003) |
| Lives in Yorkshire and The Humber | | -0.002 (0.005) | -0.001 (0.005) | -0.003 (0.005) | -0.001 (0.005) | -0.001 (0.005) | 0.001 (0.003) |
| Lives in the East Midlands | | -0.008 (0.005) | -0.008 (0.005) | -0.011* (0.005) | -0.008 (0.005) | -0.006 (0.005) | -0.009** (0.003) |
| Lives in the West Midlands | | -0.014** (0.005) | -0.014** (0.005) | -0.014** (0.004) | -0.012* (0.005) | -0.011* (0.004) | -0.007* (0.003) |
| Lives in the East of England | | -0.011* (0.005) | -0.010* (0.005) | -0.011* (0.005) | -0.010* (0.005) | -0.006 (0.005) | -0.013*** (0.003) |
| Lives in London | | -0.007 (0.005) | -0.006 (0.005) | -0.007 (0.005) | -0.007 (0.005) | -0.005 (0.004) | -0.008** (0.003) |
| Lives in the South East | | -0.004 (0.005) | -0.003 (0.006) | -0.007 (0.005) | -0.005 (0.005) | -0.002 (0.005) | -0.008** (0.003) |
| Lives in the South West | | -0.010* (0.005) | -0.010* (0.005) | -0.011* (0.005) | -0.009 (0.005) | -0.008 (0.005) | -0.010*** (0.003) |

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|---|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 2nd quintile of KS2 English | | 0.007** (0.002) | 0.007** (0.002) | 0.007** (0.002) | 0.006** (0.002) | 0.007** (0.002) | 0.006** (0.002) |
| 3rd quintile of KS2 English | | 0.016*** (0.002) | 0.016*** (0.002) | 0.016*** (0.002) | 0.016*** (0.002) | 0.016*** (0.002) | 0.015*** (0.002) |
| 4th quintile of KS2 English | | 0.024*** (0.002) | 0.024*** (0.002) | 0.024*** (0.002) | 0.024*** (0.002) | 0.024*** (0.002) | 0.022*** (0.002) |
| Top quintile of KS2 English | | 0.029*** (0.002) | 0.029*** (0.002) | 0.029*** (0.002) | 0.029*** (0.002) | 0.029*** (0.002) | 0.027*** (0.002) |
| 2nd quintile of KS2 Maths | | 0.009*** (0.002) | 0.009*** (0.002) | 0.009*** (0.002) | 0.008*** (0.002) | 0.009*** (0.002) | 0.009*** (0.002) |
| 3rd quintile of KS2 Maths | | 0.011*** (0.002) | 0.011*** (0.002) | 0.011*** (0.002) | 0.011*** (0.002) | 0.011*** (0.002) | 0.011*** (0.002) |
| 4th quintile of KS2 Maths | | 0.015*** (0.002) | 0.015*** (0.002) | 0.015*** (0.002) | 0.014*** (0.002) | 0.015*** (0.002) | 0.015*** (0.002) |
| Top quintile of KS2 Maths | | 0.020*** (0.002) | 0.020*** (0.002) | 0.020*** (0.002) | 0.020*** (0.002) | 0.020*** (0.002) | 0.020*** (0.002) |
| 2nd quintile of KS2 Science | | 0.011*** (0.002) | 0.011*** (0.002) | 0.010*** (0.002) | 0.010*** (0.002) | 0.011*** (0.002) | 0.009*** (0.002) |
| 3rd quintile of KS2 Science | | 0.011*** (0.002) | 0.011*** (0.002) | 0.011*** (0.002) | 0.010*** (0.002) | 0.011*** (0.002) | 0.009*** (0.002) |
| 4th quintile of KS2 Science | | 0.014*** (0.002) | 0.014*** (0.002) | 0.014*** (0.002) | 0.013*** (0.002) | 0.015*** (0.002) | 0.012*** (0.002) |
| Top quintile of KS2 Science | | 0.014*** (0.002) | 0.015*** (0.002) | 0.014*** (0.002) | 0.013*** (0.002) | 0.015*** (0.002) | 0.013*** (0.002) |
| Attends a selective community school | | 0.010*** (0.002) | 0.010*** (0.003) | 0.010*** (0.002) | 0.009*** (0.003) | 0.009*** (0.002) | 0.011*** (0.002) |
| Attends a non-selective other maintained school | | 0.001 (0.001) | 0.001 (0.001) | 0.001 (0.001) | 0.001 (0.001) | 0.001 (0.001) | 0.002* (0.001) |
| Attends a selective other maintained school | | 0.014*** (0.002) | 0.015*** (0.002) | 0.015*** (0.002) | 0.014*** (0.002) | 0.014*** (0.002) | 0.015*** (0.001) |
| Attends an (old-style) academy | | 0.000 (0.009) | 0.000 (0.009) | 0.001 (0.009) | 0.001 (0.009) | 0.000 (0.009) | -0.004 (0.009) |
| Attends a special school | | 0.036 (0.023) | 0.036 (0.023) | 0.034 (0.022) | 0.034 (0.022) | 0.038 (0.023) | 0.040 (0.021) |
| Attends a school with a sixth form | | -0.005*** (0.001) | -0.005*** (0.001) | -0.006*** (0.001) | -0.005*** (0.001) | -0.005*** (0.001) | -0.004*** (0.001) |
| Attends a school in the 2nd quintile of performance | | 0.009*** (0.002) | 0.009*** (0.002) | 0.009*** (0.002) | 0.008*** (0.002) | 0.009*** (0.002) | 0.008*** (0.002) |
| Attends a school in the 3rd quintile of performance | | 0.013*** (0.002) | 0.013*** (0.002) | 0.013*** (0.001) | 0.012*** (0.001) | 0.013*** (0.002) | 0.012*** (0.001) |
| Attends a school in the 4th quintile of performance | | 0.015*** (0.002) | 0.016*** (0.002) | 0.015*** (0.001) | 0.015*** (0.001) | 0.016*** (0.002) | 0.015*** (0.001) |
| Attends a school in the top quintile of performance | | 0.020*** (0.002) | 0.020*** (0.002) | 0.019*** (0.002) | 0.019*** (0.002) | 0.021*** (0.002) | 0.020*** (0.002) |
| Points awarded for English at Key Stage 4 | | 0.004*** (0.001) | 0.004*** (0.001) | 0.004*** (0.001) | 0.005*** (0.001) | 0.004*** (0.001) | 0.004*** (0.001) |
| Points awarded for Maths at Key Stage 4 | | -0.006*** (0.001) | -0.006*** (0.001) | -0.006*** (0.001) | -0.006*** (0.001) | -0.006*** (0.001) | -0.006*** (0.001) |
| Number of GNVQs at grade A or A* | | -0.003*** (0.001) | -0.003*** (0.001) | -0.003*** (0.001) | -0.003*** (0.001) | -0.003*** (0.001) | -0.004*** (0.001) |
| Number of GNVQs at grade B | | -0.002*** (0.000) | -0.002*** (0.000) | -0.002*** (0.000) | -0.002*** (0.000) | -0.002*** (0.000) | -0.002*** (0.000) |
| Number of GNVQs at grade C | | 0.002** (0.000) | 0.002** (0.000) | 0.002** (0.000) | 0.002** (0.000) | 0.001** (0.000) | 0.002*** (0.000) |

| | | | | | | | |
|---|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Number of GNVQs at grades D-G | | -0.009** (0.003) | -0.009** (0.003) | -0.009** (0.003) | -0.009** (0.003) | -0.010** (0.003) | -0.009** (0.003) |
| Number of GCSEs in ebacc subjects at grade A* | | -0.010*** (0.001) | -0.010*** (0.001) | -0.010*** (0.001) | -0.010*** (0.001) | -0.010*** (0.001) | -0.009*** (0.001) |
| Number of GCSEs in ebacc subjects at grade A | | -0.010*** (0.001) | -0.010*** (0.001) | -0.010*** (0.001) | -0.010*** (0.001) | -0.010*** (0.001) | -0.009*** (0.001) |
| Number of GCSEs in ebacc subjects at grade B | | -0.009*** (0.001) | -0.009*** (0.001) | -0.009*** (0.001) | -0.008*** (0.001) | -0.009*** (0.001) | -0.008*** (0.001) |
| Number of GCSEs in ebacc subjects at grade C | | -0.005*** (0.001) | -0.005*** (0.001) | -0.005*** (0.001) | -0.005*** (0.001) | -0.005*** (0.001) | -0.005*** (0.001) |
| Number of GCSEs in ebacc subjects at grades D-G | | -0.003*** (0.001) | -0.003*** (0.001) | -0.002*** (0.001) | -0.002** (0.001) | -0.003*** (0.001) | -0.002** (0.001) |
| Number of GCSEs in non-ebacc subjects at grade A* | | -0.008*** (0.001) | -0.008*** (0.001) | -0.008*** (0.001) | -0.008*** (0.001) | -0.008*** (0.001) | -0.007*** (0.001) |
| Number of GCSEs in non-ebacc subjects at grade A | | -0.008*** (0.001) | -0.008*** (0.001) | -0.008*** (0.001) | -0.008*** (0.001) | -0.008*** (0.001) | -0.007*** (0.000) |
| Number of GCSEs in non-ebacc subjects at grade B | | -0.008*** (0.001) | -0.008*** (0.001) | -0.007*** (0.000) | -0.007*** (0.001) | -0.008*** (0.001) | -0.007*** (0.000) |
| Number of GCSEs in non-ebacc subjects at grade C | | -0.002*** (0.001) | -0.002*** (0.001) | -0.002*** (0.001) | -0.002*** (0.001) | -0.002*** (0.001) | -0.002*** (0.000) |
| No. of GCSEs in non-ebacc subjects at grades D-G | | 0.003*** (0.001) | 0.003*** (0.001) | 0.004*** (0.001) | 0.004*** (0.001) | 0.003*** (0.001) | 0.004*** (0.001) |
| Achieved Level 2 by age 18 | | -0.058*** (0.011) | -0.058*** (0.011) | -0.050*** (0.008) | -0.046*** (0.009) | -0.059*** (0.011) | -0.033*** (0.006) |
| Achieved Level 2 via a non-academic route | | 0.552*** (0.150) | 0.549*** (0.152) | 0.528*** (0.151) | 0.515*** (0.152) | 0.548*** (0.150) | (dropped) |
| 2nd quintile of performance at Level 2 | | -0.035*** (0.005) | -0.035*** (0.005) | -0.034*** (0.004) | -0.034*** (0.004) | -0.035*** (0.005) | -0.032*** (0.004) |
| 3rd quintile of performance at Level 2 | | -0.070*** (0.005) | -0.070*** (0.005) | -0.068*** (0.005) | -0.068*** (0.005) | -0.070*** (0.005) | -0.062*** (0.005) |
| 4th quintile of performance at Level 2 | | -0.079*** (0.006) | -0.079*** (0.006) | -0.077*** (0.006) | -0.076*** (0.006) | -0.079*** (0.006) | -0.070*** (0.006) |
| Top quintile of performance at Level 2 | | -0.074*** (0.007) | -0.074*** (0.007) | -0.072*** (0.006) | -0.071*** (0.006) | -0.074*** (0.007) | -0.065*** (0.006) |
| No. of L2 qualifications achieved via FE route | | -0.005 (0.006) | -0.005 (0.006) | -0.007 (0.006) | -0.011 (0.006) | -0.005 (0.006) | -0.013** (0.005) |
| No. of L2 quals achieved via vocational route | | -0.024*** (0.005) | -0.024*** (0.005) | -0.020*** (0.005) | -0.017*** (0.005) | -0.024*** (0.005) | -0.013** (0.005) |
| 2nd quintile of performance at KS5 | | -0.033*** (0.002) | -0.033*** (0.002) | -0.032*** (0.002) | -0.028*** (0.002) | -0.033*** (0.002) | -0.028*** (0.002) |
| 3rd quintile of performance at KS5 | | -0.056*** (0.002) | -0.055*** (0.002) | -0.055*** (0.002) | -0.049*** (0.002) | -0.056*** (0.002) | -0.049*** (0.002) |
| 4th quintile of performance at KS5 | | -0.069*** (0.003) | -0.067*** (0.003) | -0.067*** (0.003) | -0.061*** (0.003) | -0.068*** (0.003) | -0.060*** (0.003) |
| Top quintile of performance at KS5 | | -0.074*** (0.003) | -0.072*** (0.003) | -0.072*** (0.003) | -0.065*** (0.003) | -0.073*** (0.003) | -0.064*** (0.003) |
| Achieved Level 3 by age 18 | | -0.017*** (0.004) | -0.016*** (0.004) | -0.015*** (0.003) | -0.011*** (0.003) | -0.017*** (0.004) | -0.008** (0.003) |
| No. of A-levels in facilitating subjects at grade A or A* | | -0.016*** (0.001) | -0.014*** (0.001) | -0.017*** (0.001) | -0.016*** (0.001) | -0.016*** (0.001) | -0.016*** (0.001) |
| No. of A-levels in facilitating subjects at grade B | | -0.015*** (0.001) | -0.013*** (0.001) | -0.015*** (0.001) | -0.015*** (0.001) | -0.014*** (0.001) | -0.014*** (0.001) |
| No. of A-levels in facilitating subjects at grade C | | -0.013*** (0.001) | -0.012*** (0.001) | -0.013*** (0.001) | -0.012*** (0.001) | -0.012*** (0.001) | -0.013*** (0.001) |

| | | | | | | | |
|---|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| No. of A-levels in facilitating subjects at grade D | | -0.011*** (0.001) | -0.011*** (0.001) | -0.011*** (0.001) | -0.010*** (0.001) | -0.010*** (0.001) | -0.011*** (0.001) |
| No. of A-levels in facilitating subjects at grade E | | -0.007*** (0.001) | -0.008*** (0.001) | -0.008*** (0.001) | -0.007*** (0.001) | -0.007*** (0.001) | -0.008*** (0.001) |
| No. of A or A* grades in non-facilitating subjects | | -0.016*** (0.001) | -0.015*** (0.001) | -0.017*** (0.001) | -0.016*** (0.001) | -0.016*** (0.001) | -0.015*** (0.001) |
| No. of B grades in non-facilitating subjects | | -0.014*** (0.001) | -0.014*** (0.001) | -0.014*** (0.001) | -0.014*** (0.001) | -0.014*** (0.001) | -0.013*** (0.001) |
| No. of C grades in non-facilitating subjects | | -0.010*** (0.001) | -0.011*** (0.001) | -0.010*** (0.001) | -0.010*** (0.001) | -0.010*** (0.001) | -0.010*** (0.001) |
| No. of D grades in non-facilitating subjects | | -0.002** (0.001) | -0.003*** (0.001) | -0.002** (0.001) | -0.002* (0.001) | -0.002** (0.001) | -0.003*** (0.001) |
| No. of E grades in non-facilitating subjects | | 0.008*** (0.001) | 0.007*** (0.001) | 0.008*** (0.001) | 0.008*** (0.001) | 0.008*** (0.001) | 0.007*** (0.001) |
| Achieved Level 3 via a non-academic route | | 0.008** (0.003) | 0.009** (0.003) | 0.008** (0.003) | 0.005 (0.003) | 0.008** (0.003) | 0.466** (0.152) |
| 2nd quintile of performance at Level 3 | | -0.007* (0.003) | -0.007* (0.003) | -0.007* (0.003) | -0.006* (0.003) | -0.007* (0.003) | -0.005 (0.003) |
| 3rd quintile of performance at Level 3 | | -0.003 (0.003) | -0.002 (0.003) | -0.003 (0.003) | -0.002 (0.003) | -0.002 (0.003) | -0.001 (0.003) |
| 4th quintile of performance at Level 3 | | 0.001 (0.004) | 0.001 (0.004) | 0.001 (0.004) | 0.001 (0.004) | 0.001 (0.004) | 0.003 (0.004) |
| Top quintile of performance at Level 3 | | 0.002 (0.004) | 0.003 (0.004) | 0.002 (0.004) | 0.002 (0.004) | 0.002 (0.004) | 0.004 (0.004) |
| No. of L3 qualifications achieved via FE route | | 0.002 (0.004) | 0.001 (0.004) | 0.003 (0.004) | 0.006 (0.005) | 0.002 (0.004) | 0.005 (0.004) |
| No. of L3 quals achieved via vocational route | | 0.011* (0.005) | 0.011* (0.005) | 0.013** (0.005) | 0.006 (0.005) | 0.010* (0.005) | 0.011* (0.005) |
| Russell Group | | | -0.009*** (0.003) | | | | |
| 1994 Group | | | -0.010*** (0.002) | | | | |
| University Alliance | | | 0.001 (0.005) | | | | |
| Million Plus | | | 0.006 (0.004) | | | | |
| Guild HE | | | 0.002 (0.006) | | | | |
| Biological Sciences | | | | -0.001 (0.004) | | | |
| Veterinary Sciences and Agriculture | | | | 0.034* (0.015) | | | |
| Physical Sciences | | | | -0.001 (0.004) | | | |
| Mathematical Sciences | | | | 0.014*** (0.004) | | | |
| Computer Sciences | | | | 0.001 (0.006) | | | |
| Engineering | | | | 0.007 (0.004) | | | |
| Technologies | | | | -0.005 (0.006) | | | |
| Architecture, Building and Planning | | | | -0.003 (0.005) | | | |

| | | | | | | | |
|---------------------------------------|--|--|--|----------------------|----------------------|---------------------|----------------------|
| Social Studies | | | | 0.003 (0.004) | | | |
| Law | | | | 0.007 (0.004) | | | |
| Business and Administrative Studies | | | | 0.002 (0.005) | | | |
| Mass Communications and Documentation | | | | 0.004 (0.006) | | | |
| Linguistics and Classics | | | | -0.001 (0.004) | | | |
| European Languages and Literature | | | | 0.003 (0.004) | | | |
| Non-European Languages and Literature | | | | 0.003 (0.006) | | | |
| Historical and Philosophical Studies | | | | 0.002 (0.004) | | | |
| Creative Arts and Design | | | | -0.005 (0.004) | | | |
| Education | | | | -0.021*** (0.005) | | | |
| First degree | | | | | -0.026*** (0.004) | | -0.025*** (0.003) |
| Part-time | | | | | 0.092*** (0.018) | | 0.051*** (0.011) |
| Live/study in same region | | | | | | 0.015*** (0.003) | 0.015*** (0.001) |

Notes: *** indicates significance at the 1% level; ** at the 5% level; * at the 10% level. Standard errors are clustered at the university level and reported in brackets. Omitted categories are: lowest SES quintile group; those who sat their GCSEs in 2002; White British individuals; those born in September; those with no special educational needs; those living in the North East; those scoring in the bottom quintile in KS2 English, maths and science; those attending a non-selective community school; those scoring in the bottom quintile of performance at Level 2; those scoring in the bottom quintile of performance at Key Stage 5 and Level 3; non-affiliated institutions; medicine and dentistry and subjects allied to medicine.

Table A2 Socio-economic differences in drop-out within 2 years of starting university at age 18/19, including private school students in the top SES quintile group

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 2 nd SES quintile group | -0.023*** (0.002) | -0.009*** (0.002) | -0.009*** (0.002) | -0.009*** (0.002) | -0.009*** (0.002) | -0.008*** (0.002) | -0.010*** (0.002) |
| Middle SES quintile group | -0.044*** (0.002) | -0.019*** (0.002) | -0.019*** (0.002) | -0.019*** (0.002) | -0.019*** (0.002) | -0.018*** (0.002) | -0.019*** (0.002) |
| 4 th SES quintile group | -0.061*** (0.003) | -0.027*** (0.002) | -0.026*** (0.002) | -0.027*** (0.002) | -0.027*** (0.002) | -0.025*** (0.002) | -0.026*** (0.002) |
| Top SES quintile group | -0.082*** (0.003) | -0.037*** (0.002) | -0.037*** (0.002) | -0.037*** (0.002) | -0.037*** (0.002) | -0.035*** (0.002) | -0.035*** (0.002) |
| | Controls | | | | | | |
| Cohort | √ | √ | √ | √ | √ | √ | √ |
| Social and human capital | | √ | √ | √ | √ | √ | √ |
| Institution grouping | | | √ | | | | |
| Subject dummies | | | | √ | | | |
| Qualification/study mode | | | | | √ | | √ |
| Live/study in same region | | | | | | √ | √ |
| Course fixed effects | | | | | | | √ |

Notes: *** indicates significance at the 1% level; ** at the 5% level; * at the 10% level. Standard errors are clustered at the university level and reported in brackets. All other coefficient estimates are available from the author on request.

Table A3 Socio-economic differences in drop-out within 2 years of starting university at age 18/19, by gender

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Males | | | | | | | |
| 2 nd SES quintile group | -0.026*** (0.003) | -0.010*** (0.003) | -0.010*** (0.003) | -0.010*** (0.003) | -0.011*** (0.003) | -0.009*** (0.003) | -0.010*** (0.003) |
| Middle SES quintile group | -0.050*** (0.003) | -0.021*** (0.003) | -0.021*** (0.003) | -0.021*** (0.003) | -0.022*** (0.003) | -0.020*** (0.003) | -0.021*** (0.002) |
| 4 th SES quintile group | -0.068*** (0.003) | -0.027*** (0.003) | -0.027*** (0.003) | -0.027*** (0.003) | -0.028*** (0.003) | -0.025*** (0.003) | -0.026*** (0.002) |
| Top SES quintile group | -0.092*** (0.003) | -0.038*** (0.003) | -0.037*** (0.003) | -0.038*** (0.003) | -0.038*** (0.003) | -0.036*** (0.003) | -0.035*** (0.003) |
| Females | | | | | | | |
| 2 nd SES quintile group | -0.021*** (0.002) | -0.008*** (0.002) | -0.008*** (0.002) | -0.008*** (0.002) | -0.009*** (0.002) | -0.008*** (0.002) | -0.009*** (0.002) |
| Middle SES quintile group | -0.041*** (0.003) | -0.018*** (0.002) | -0.018*** (0.002) | -0.018*** (0.002) | -0.018*** (0.002) | -0.017*** (0.002) | -0.018*** (0.002) |
| 4 th SES quintile group | -0.058*** (0.003) | -0.027*** (0.002) | -0.027*** (0.002) | -0.027*** (0.002) | -0.027*** (0.002) | -0.026*** (0.002) | -0.026*** (0.002) |
| Top SES quintile group | -0.080*** (0.004) | -0.037*** (0.002) | -0.037*** (0.002) | -0.037*** (0.002) | -0.036*** (0.002) | -0.035*** (0.002) | -0.034*** (0.002) |
| Controls | | | | | | | |
| Cohort | √ | √ | √ | √ | √ | √ | √ |
| Social and human capital | | √ | √ | √ | √ | √ | √ |
| Institution grouping | | | √ | | | | |
| Subject dummies | | | | √ | | | |
| Qualification/study mode | | | | | √ | | √ |
| Live/study in same region | | | | | | √ | √ |
| Course fixed effects | | | | | | | √ |

See notes to Table A2.

Table A4 Socio-economic differences in drop-out within 2 years of starting university at age 18/19, "high status" institutions only

| | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 2 nd SES quintile group | -0.014*** (0.003) | -0.004 (0.003) | -0.004 (0.003) | -0.004 (0.003) | -0.004 (0.003) | -0.003 (0.003) | -0.003 (0.003) |
| Middle SES quintile group | -0.030*** (0.004) | -0.013*** (0.003) | -0.013*** (0.003) | -0.013*** (0.003) | -0.013*** (0.003) | -0.012*** (0.003) | -0.012*** (0.003) |
| 4 th SES quintile group | -0.041*** (0.004) | -0.020*** (0.003) | -0.020*** (0.003) | -0.020*** (0.003) | -0.020*** (0.003) | -0.018*** (0.003) | -0.018*** (0.003) |
| Top SES quintile group | -0.053*** (0.005) | -0.026*** (0.003) | -0.025*** (0.003) | -0.025*** (0.003) | -0.026*** (0.003) | -0.023*** (0.003) | -0.023*** (0.003) |
| Controls | | | | | | | |
| Cohort | √ | √ | √ | √ | √ | √ | √ |
| Social and human capital | | √ | √ | √ | √ | √ | √ |
| Institution grouping | | | √ | | | | |
| Subject dummies | | | | √ | | | |
| Qualification/study mode | | | | | √ | | √ |
| Live/study in same region | | | | | | √ | √ |
| Course fixed effects | | | | | | | √ |

See notes to Table A2.

Table A5 SES differences in degree completion within 5 years of starting university at age 18/19, amongst those studying full-time for a first degree

| | (1) | (2) | (3) | (4) | (5) | (6) |
|------------------------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 2 nd SES quintile group | 0.041*** (0.004) | 0.014*** (0.003) | 0.014*** (0.003) | 0.015*** (0.003) | 0.013*** (0.003) | 0.016*** (0.003) |
| Middle SES quintile group | 0.074*** (0.004) | 0.029*** (0.003) | 0.028*** (0.003) | 0.029*** (0.003) | 0.027*** (0.003) | 0.030*** (0.003) |
| 4 th SES quintile group | 0.102*** (0.004) | 0.040*** (0.003) | 0.039*** (0.003) | 0.041*** (0.003) | 0.038*** (0.003) | 0.039*** (0.003) |
| Top SES quintile group | 0.133*** (0.005) | 0.055*** (0.003) | 0.054*** (0.003) | 0.056*** (0.003) | 0.052*** (0.003) | 0.053*** (0.003) |
| Sat GCSEs in 2003 | 0.021*** (0.002) | 0.017*** (0.002) | 0.017*** (0.002) | 0.016*** (0.002) | 0.017*** (0.002) | 0.017*** (0.002) |
| Sat GCSEs in 2004 | 0.028*** (0.003) | 0.018*** (0.003) | 0.018*** (0.003) | 0.016*** (0.003) | 0.018*** (0.003) | 0.016*** (0.002) |
| Male | | -0.041*** (0.003) | -0.041*** (0.003) | -0.022*** (0.002) | -0.042*** (0.003) | -0.025*** (0.002) |
| Born in October | | 0.001 (0.003) | 0.001 (0.003) | 0.000 (0.003) | 0.001 (0.003) | 0.000 (0.003) |
| Born in November | | -0.000 (0.003) | -0.000 (0.003) | -0.000 (0.003) | -0.000 (0.003) | -0.000 (0.003) |
| Born in December | | 0.001 (0.003) | 0.002 (0.003) | 0.001 (0.003) | 0.001 (0.003) | 0.001 (0.003) |
| Born in January | | 0.009** (0.003) | 0.009** (0.003) | 0.009** (0.003) | 0.009** (0.003) | 0.008** (0.003) |
| Born in February | | 0.007* (0.003) | 0.007* (0.003) | 0.007* (0.003) | 0.007* (0.003) | 0.006* (0.003) |
| Born in March | | 0.010*** (0.003) | 0.010*** (0.003) | 0.010*** (0.003) | 0.010*** (0.003) | 0.010*** (0.003) |
| Born in April | | 0.010*** (0.003) | 0.010** (0.003) | 0.010*** (0.003) | 0.010** (0.003) | 0.009** (0.003) |
| Born in May | | 0.009*** (0.003) | 0.009*** (0.003) | 0.009*** (0.003) | 0.009*** (0.003) | 0.008** (0.003) |
| Born in June | | 0.011*** (0.003) | 0.011*** (0.003) | 0.011*** (0.003) | 0.011*** (0.003) | 0.010*** (0.003) |
| Born in July | | 0.008** (0.003) | 0.008** (0.003) | 0.008** (0.003) | 0.008** (0.003) | 0.008** (0.003) |
| Born in August | | 0.010*** (0.003) | 0.010*** (0.003) | 0.011*** (0.003) | 0.010*** (0.003) | 0.010*** (0.003) |
| Other White | | -0.002 (0.004) | -0.002 (0.004) | -0.002 (0.004) | -0.002 (0.004) | 0.002 (0.004) |
| Black African | | 0.023*** (0.006) | 0.025*** (0.006) | 0.029*** (0.006) | 0.022*** (0.006) | 0.035*** (0.006) |
| Black Caribbean | | 0.020** (0.007) | 0.022** (0.007) | 0.025*** (0.007) | 0.022** (0.007) | 0.030*** (0.007) |
| Other Black | | -0.011 (0.010) | -0.009 (0.010) | -0.007 (0.010) | -0.011 (0.010) | -0.003 (0.010) |
| Indian | | 0.016** (0.006) | 0.019*** (0.006) | 0.023*** (0.005) | 0.016** (0.006) | 0.027*** (0.004) |
| Pakistani | | 0.004 (0.007) | 0.007 (0.007) | 0.011 (0.007) | 0.006 (0.007) | 0.021*** (0.006) |
| Bangladeshi | | -0.010 (0.009) | -0.011 (0.009) | -0.004 (0.009) | -0.005 (0.009) | 0.009 (0.008) |

| | | | | | | |
|--|--|----------------------|----------------------|----------------------|----------------------|----------------------|
| Chinese | | 0.014 (0.008) | 0.015 (0.008) | 0.022** (0.008) | 0.014 (0.008) | 0.022** (0.007) |
| Other Asian | | 0.013 (0.008) | 0.014 (0.008) | 0.018* (0.008) | 0.014 (0.008) | 0.022** (0.008) |
| Mixed | | -0.004 (0.005) | -0.003 (0.005) | -0.003 (0.005) | -0.004 (0.005) | -0.001 (0.004) |
| Other | | -0.008 (0.006) | -0.006 (0.006) | -0.003 (0.006) | -0.006 (0.006) | 0.005 (0.006) |
| Speaks English as an additional language | | 0.008* (0.004) | 0.009* (0.004) | 0.012*** (0.004) | 0.010* (0.004) | 0.016*** (0.003) |
| Statemented SEN | | 0.018 (0.010) | 0.017 (0.010) | 0.015 (0.010) | 0.018 (0.010) | 0.014 (0.010) |
| Non-statemented SEN | | -0.002 (0.004) | -0.003 (0.004) | -0.002 (0.004) | -0.003 (0.004) | -0.003 (0.004) |
| Lives in the North West | | -0.012 (0.010) | -0.010 (0.009) | -0.012 (0.008) | -0.012 (0.009) | -0.016*** (0.004) |
| Lives in Yorkshire and The Humber | | -0.008 (0.010) | -0.008 (0.009) | -0.009 (0.008) | -0.009 (0.009) | -0.011** (0.004) |
| Lives in the East Midlands | | 0.023* (0.009) | 0.022* (0.009) | 0.021** (0.007) | 0.019* (0.009) | 0.005 (0.004) |
| Lives in the West Midlands | | 0.015 (0.010) | 0.010 (0.009) | 0.012 (0.008) | 0.011 (0.010) | 0.001 (0.004) |
| Lives in the East of England | | 0.028** (0.009) | 0.025** (0.009) | 0.024** (0.008) | 0.021* (0.009) | 0.015*** (0.004) |
| Lives in London | | 0.011 (0.010) | 0.009 (0.009) | 0.007 (0.008) | 0.009 (0.010) | 0.008 (0.004) |
| Lives in the South East | | 0.020* (0.009) | 0.018* (0.009) | 0.017* (0.008) | 0.017 (0.009) | 0.011** (0.004) |
| Lives in the South West | | -0.006 (0.013) | -0.006 (0.012) | -0.008 (0.011) | -0.009 (0.012) | 0.008 (0.004) |
| 2nd quintile of KS2 English | | -0.003 (0.004) | -0.003 (0.004) | -0.005 (0.004) | -0.003 (0.004) | -0.005 (0.004) |
| 3rd quintile of KS2 English | | -0.017*** (0.004) | -0.017*** (0.004) | -0.021*** (0.004) | -0.017*** (0.004) | -0.020*** (0.004) |
| 4th quintile of KS2 English | | -0.024*** (0.004) | -0.025*** (0.004) | -0.030*** (0.004) | -0.024*** (0.004) | -0.029*** (0.004) |
| Top quintile of KS2 English | | -0.027*** (0.005) | -0.027*** (0.004) | -0.037*** (0.004) | -0.027*** (0.005) | -0.035*** (0.004) |
| 2nd quintile of KS2 Maths | | -0.014*** (0.004) | -0.013** (0.004) | -0.014*** (0.004) | -0.014*** (0.004) | -0.014*** (0.004) |
| 3rd quintile of KS2 Maths | | -0.024*** (0.004) | -0.023*** (0.004) | -0.024*** (0.004) | -0.024*** (0.004) | -0.022*** (0.004) |
| 4th quintile of KS2 Maths | | -0.028*** (0.005) | -0.027*** (0.005) | -0.027*** (0.005) | -0.028*** (0.005) | -0.025*** (0.004) |
| Top quintile of KS2 Maths | | -0.038*** (0.005) | -0.037*** (0.005) | -0.033*** (0.005) | -0.038*** (0.005) | -0.033*** (0.004) |
| 2nd quintile of KS2 Science | | -0.007 (0.004) | -0.007 (0.004) | -0.007 (0.004) | -0.007 (0.004) | -0.008 (0.004) |
| 3rd quintile of KS2 Science | | -0.011* (0.004) | -0.011* (0.004) | -0.010* (0.004) | -0.011** (0.004) | -0.010** (0.004) |
| 4th quintile of KS2 Science | | -0.020*** (0.004) | -0.020*** (0.004) | -0.018*** (0.004) | -0.020*** (0.004) | -0.019*** (0.004) |
| Top quintile of KS2 Science | | -0.032*** (0.004) | -0.032*** (0.004) | -0.028*** (0.004) | -0.033*** (0.004) | -0.028*** (0.004) |

| | | | | | | |
|---|--|----------------------|----------------------|----------------------|----------------------|----------------------|
| Attends a selective community school | | -0.020*** (0.004) | -0.020*** (0.004) | -0.021*** (0.004) | -0.020*** (0.004) | -0.023*** (0.004) |
| Attends a non-selective other maintained school | | -0.005** (0.002) | -0.006*** (0.002) | -0.005*** (0.002) | -0.005** (0.002) | -0.007*** (0.001) |
| Attends a selective other maintained school | | -0.022*** (0.003) | -0.022*** (0.003) | -0.025*** (0.003) | -0.022*** (0.003) | -0.029*** (0.003) |
| Attends an (old-style) academy | | -0.031 (0.029) | -0.027 (0.029) | -0.028 (0.029) | -0.030 (0.029) | -0.012 (0.026) |
| Attends a special school | | 0.006 (0.042) | 0.001 (0.042) | 0.006 (0.042) | 0.004 (0.042) | -0.007 (0.040) |
| Attends a school with a sixth form | | 0.009*** (0.002) | 0.009*** (0.002) | 0.009*** (0.002) | 0.009*** (0.002) | 0.007*** (0.002) |
| Attends a school in the 2nd quintile of performance | | -0.006* (0.003) | -0.007* (0.003) | -0.007* (0.003) | -0.007* (0.003) | -0.005* (0.003) |
| Attends a school in the 3rd quintile of performance | | -0.009** (0.003) | -0.009** (0.003) | -0.009*** (0.003) | -0.010*** (0.003) | -0.008** (0.003) |
| Attends a school in the 4th quintile of performance | | -0.019*** (0.003) | -0.019*** (0.003) | -0.019*** (0.003) | -0.020*** (0.003) | -0.017*** (0.003) |
| Attends a school in the top quintile of performance | | -0.020*** (0.003) | -0.020*** (0.003) | -0.021*** (0.003) | -0.022*** (0.003) | -0.020*** (0.003) |
| Points awarded for English at Key Stage 4 | | 0.000 (0.001) | -0.000 (0.001) | -0.007*** (0.001) | -0.000 (0.001) | -0.008*** (0.001) |
| Points awarded for Maths at Key Stage 4 | | -0.004** (0.001) | -0.004** (0.001) | 0.005*** (0.001) | -0.004** (0.001) | 0.005*** (0.001) |
| Number of GNVQs at grade A or A* | | 0.006*** (0.002) | 0.006*** (0.001) | 0.008*** (0.001) | 0.006*** (0.002) | 0.007*** (0.001) |
| Number of GNVQs at grade B | | 0.002* (0.001) | 0.003* (0.001) | 0.004*** (0.001) | 0.003** (0.001) | 0.004*** (0.001) |
| Number of GNVQs at grade C | | -0.003** (0.001) | -0.003** (0.001) | -0.002* (0.001) | -0.003** (0.001) | -0.002* (0.001) |
| Number of GNVQs at grades D-G | | 0.007 (0.007) | 0.007 (0.007) | 0.009 (0.007) | 0.007 (0.007) | 0.008 (0.006) |
| Number of GCSEs in ebacc subjects at grade A* | | 0.014*** (0.001) | 0.013*** (0.001) | 0.015*** (0.001) | 0.014*** (0.001) | 0.013*** (0.001) |
| Number of GCSEs in ebacc subjects at grade A | | 0.013*** (0.001) | 0.012*** (0.001) | 0.014*** (0.001) | 0.013*** (0.001) | 0.013*** (0.001) |
| Number of GCSEs in ebacc subjects at grade B | | 0.010*** (0.001) | 0.010*** (0.001) | 0.010*** (0.001) | 0.010*** (0.001) | 0.010*** (0.001) |
| Number of GCSEs in ebacc subjects at grade C | | 0.006*** (0.001) | 0.007*** (0.001) | 0.006*** (0.001) | 0.006*** (0.001) | 0.006*** (0.001) |
| Number of GCSEs in ebacc subjects at grades D-G | | 0.000 (0.001) | 0.000 (0.001) | -0.000 (0.001) | 0.000 (0.001) | 0.000 (0.001) |
| Number of GCSEs in non-ebacc subjects at grade A* | | 0.011*** (0.002) | 0.011*** (0.002) | 0.010*** (0.001) | 0.010*** (0.002) | 0.009*** (0.001) |
| Number of GCSEs in non-ebacc subjects at grade A | | 0.012*** (0.001) | 0.012*** (0.001) | 0.012*** (0.001) | 0.012*** (0.001) | 0.012*** (0.001) |
| Number of GCSEs in non-ebacc subjects at grade B | | 0.011*** (0.001) | 0.011*** (0.001) | 0.011*** (0.001) | 0.011*** (0.001) | 0.011*** (0.001) |
| Number of GCSEs in non-ebacc subjects at grade C | | 0.003** (0.001) | 0.003** (0.001) | 0.002** (0.001) | 0.003** (0.001) | 0.003*** (0.001) |
| No. of GCSEs in non-ebacc subjects at grades D-G | | -0.012*** (0.001) | -0.011*** (0.001) | -0.011*** (0.001) | -0.012*** (0.001) | -0.011*** (0.001) |
| Achieved Level 2 by age 18 | | 0.038*** (0.011) | 0.039*** (0.011) | 0.034** (0.011) | 0.038*** (0.011) | 0.034** (0.011) |

| | | | | | | |
|---|--|----------------------|----------------------|----------------------|----------------------|----------------------|
| Achieved Level 2 via a non-academic route | | 0.000 (0.000) | 0.000 (0.000) | 0.000 (0.000) | 0.000 (0.000) | -0.411 (0.255) |
| 2nd quintile of performance at Level 2 | | 0.049*** (0.009) | 0.050*** (0.009) | 0.053*** (0.009) | 0.049*** (0.009) | 0.054*** (0.009) |
| 3rd quintile of performance at Level 2 | | 0.091*** (0.011) | 0.091*** (0.011) | 0.094*** (0.010) | 0.091*** (0.011) | 0.092*** (0.010) |
| 4th quintile of performance at Level 2 | | 0.095*** (0.012) | 0.095*** (0.012) | 0.101*** (0.012) | 0.095*** (0.012) | 0.098*** (0.011) |
| Top quintile of performance at Level 2 | | 0.088*** (0.013) | 0.087*** (0.013) | 0.095*** (0.012) | 0.088*** (0.013) | 0.092*** (0.012) |
| No. of L2 qualifications achieved via FE route | | 0.011 (0.012) | 0.012 (0.012) | 0.018 (0.012) | 0.011 (0.012) | 0.013 (0.011) |
| No. of L2 quals achieved via vocational route | | 0.023 (0.013) | 0.022 (0.013) | 0.019 (0.012) | 0.023 (0.013) | 0.020 (0.012) |
| 2nd quintile of performance at KS5 | | 0.044*** (0.004) | 0.046*** (0.004) | 0.043*** (0.004) | 0.044*** (0.004) | 0.044*** (0.004) |
| 3rd quintile of performance at KS5 | | 0.079*** (0.005) | 0.081*** (0.005) | 0.076*** (0.005) | 0.078*** (0.005) | 0.075*** (0.004) |
| 4th quintile of performance at KS5 | | 0.105*** (0.005) | 0.105*** (0.005) | 0.101*** (0.005) | 0.105*** (0.005) | 0.095*** (0.005) |
| Top quintile of performance at KS5 | | 0.114*** (0.006) | 0.112*** (0.006) | 0.109*** (0.006) | 0.113*** (0.006) | 0.102*** (0.006) |
| Achieved Level 3 by age 18 | | 0.003 (0.006) | 0.001 (0.006) | 0.002 (0.005) | 0.003 (0.006) | -0.002 (0.005) |
| No. of A-levels in facilitating subjects at grade A or A* | | 0.027*** (0.004) | 0.021*** (0.004) | 0.030*** (0.003) | 0.026*** (0.004) | 0.026*** (0.002) |
| No. of A-levels in facilitating subjects at grade B | | 0.023*** (0.003) | 0.019*** (0.003) | 0.023*** (0.002) | 0.023*** (0.003) | 0.020*** (0.002) |
| No. of A-levels in facilitating subjects at grade C | | 0.017*** (0.003) | 0.016*** (0.003) | 0.017*** (0.002) | 0.016*** (0.003) | 0.016*** (0.002) |
| No. of A-levels in facilitating subjects at grade D | | 0.010*** (0.003) | 0.011*** (0.003) | 0.011*** (0.002) | 0.009*** (0.003) | 0.012*** (0.002) |
| No. of A-levels in facilitating subjects at grade E | | -0.005 (0.003) | -0.002 (0.004) | -0.001 (0.003) | -0.005 (0.003) | 0.002 (0.003) |
| No. of A or A* grades in non-facilitating subjects | | 0.050*** (0.002) | 0.046*** (0.002) | 0.041*** (0.002) | 0.049*** (0.002) | 0.033*** (0.002) |
| No. of B grades in non-facilitating subjects | | 0.038*** (0.002) | 0.037*** (0.002) | 0.031*** (0.002) | 0.038*** (0.002) | 0.028*** (0.001) |
| No. of C grades in non-facilitating subjects | | 0.024*** (0.002) | 0.026*** (0.002) | 0.019*** (0.002) | 0.024*** (0.002) | 0.020*** (0.001) |
| No. of D grades in non-facilitating subjects | | 0.011*** (0.002) | 0.012*** (0.002) | 0.007*** (0.002) | 0.011*** (0.002) | 0.008*** (0.002) |
| No. of E grades in non-facilitating subjects | | -0.006* (0.002) | -0.005* (0.002) | -0.009*** (0.002) | -0.006* (0.002) | -0.008*** (0.002) |
| Achieved Level 3 via a non-academic route | | -0.025 . | -0.031 . | -0.016 . | -0.022 (96.333) | 0.010 (0.006) |
| 2nd quintile of performance at Level 3 | | 0.002 (0.005) | 0.001 (0.005) | -0.000 (0.005) | 0.001 (0.005) | -0.002 (0.005) |
| 3rd quintile of performance at Level 3 | | -0.003 (0.006) | -0.005 (0.006) | -0.004 (0.006) | -0.004 (0.006) | -0.007 (0.006) |
| 4th quintile of performance at Level 3 | | -0.014* (0.007) | -0.015* (0.007) | -0.011 (0.007) | -0.014* (0.007) | -0.014* (0.006) |
| Top quintile of performance at Level 3 | | -0.027*** (0.007) | -0.028*** (0.007) | -0.019** (0.007) | -0.027*** (0.007) | -0.020** (0.007) |

| | | | | | | |
|--|--|-------------------|---------------------|----------------------|----------------------|----------------------|
| No. of L3 qualifications achieved via FE route | | -0.014 (0.009) | -0.012 (0.009) | -0.011 (0.009) | -0.014 (0.009) | -0.008 (0.009) |
| No. of L3 quals achieved via vocational route | | 0.024* (0.010) | 0.022* (0.010) | 0.012 (0.010) | 0.024* (0.010) | 0.008 (0.009) |
| Russell Group | | | 0.045*** (0.009) | | | |
| 1994 Group | | | 0.053*** (0.009) | | | |
| University Alliance | | | 0.004 (0.011) | | | |
| Million Plus | | | 0.033** (0.010) | | | |
| Guild HE | | | 0.068*** (0.010) | | | |
| Biological Sciences | | | | -0.009 (0.013) | | |
| Veterinary Sciences and Agriculture | | | | -0.099** (0.036) | | |
| Physical Sciences | | | | -0.075*** (0.012) | | |
| Mathematical Sciences | | | | -0.123*** (0.017) | | |
| Computer Sciences | | | | -0.089*** (0.016) | | |
| Engineering | | | | -0.114*** (0.013) | | |
| Technologies | | | | -0.120** (0.044) | | |
| Architecture, Building and Planning | | | | -0.096** (0.031) | | |
| Social Studies | | | | 0.013 (0.010) | | |
| Law | | | | -0.006 (0.016) | | |
| Business and Administrative Studies | | | | -0.041** (0.012) | | |
| Mass Communications and Documentation | | | | 0.029** (0.010) | | |
| Linguistics and Classics | | | | 0.019* (0.009) | | |
| European Languages and Literature | | | | -0.030** (0.009) | | |
| Non-European Languages and Literature | | | | -0.036* (0.016) | | |
| Historical and Philosophical Studies | | | | 0.027*** (0.008) | | |
| Creative Arts and Design | | | | 0.024* (0.012) | | |
| Education | | | | 0.027 (0.017) | | |
| Live/study in same region | | | | | -0.022*** (0.003) | -0.020*** (0.002) |

See notes to Table A1.

Table A6 Socio-economic differences in degree completion within 5 years of starting university at age 18/19, including private school students in the top SES quintile group

| | (1) | (2) | (3) | (4) | (5) | (6) |
|------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 2 nd SES quintile group | 0.041*** (0.004) | 0.014*** (0.003) | 0.014*** (0.003) | 0.015*** (0.003) | 0.013*** (0.003) | 0.016*** (0.003) |
| Middle SES quintile group | 0.074*** (0.004) | 0.028*** (0.003) | 0.028*** (0.003) | 0.029*** (0.003) | 0.027*** (0.003) | 0.029*** (0.003) |
| 4 th SES quintile group | 0.102*** (0.004) | 0.039*** (0.003) | 0.038*** (0.003) | 0.040*** (0.003) | 0.037*** (0.003) | 0.039*** (0.003) |
| Top SES quintile group | 0.133*** (0.005) | 0.054*** (0.003) | 0.053*** (0.003) | 0.056*** (0.003) | 0.050*** (0.003) | 0.052*** (0.003) |
| Controls | | | | | | |
| Cohort | √ | √ | √ | √ | √ | √ |
| Social and human capital | | √ | √ | √ | √ | √ |
| Institution grouping | | | √ | | | |
| Subject dummies | | | | √ | | |
| Live/study in same region | | | | | √ | √ |
| Course fixed effects | | | | | | √ |

Notes: *** indicates significance at the 1% level; ** at the 5% level; * at the 10% level. Standard errors are clustered at the university level and reported in brackets. All other coefficient estimates are available from the author on request.

Table A7 Socio-economic differences in degree completion within 5 years of starting university at age 18/19, by gender

| | (1) | (2) | (3) | (4) | (5) | (6) |
|------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Males | | | | | | |
| 2 nd SES quintile group | 0.046*** (0.005) | 0.013** (0.005) | 0.012* (0.005) | 0.014** (0.005) | 0.012* (0.005) | 0.015** (0.005) |
| Middle SES quintile group | 0.083*** (0.006) | 0.026*** (0.005) | 0.026*** (0.005) | 0.027*** (0.005) | 0.024*** (0.005) | 0.029*** (0.005) |
| 4 th SES quintile group | 0.115*** (0.006) | 0.037*** (0.005) | 0.036*** (0.005) | 0.039*** (0.005) | 0.035*** (0.005) | 0.038*** (0.005) |
| Top SES quintile group | 0.153*** (0.006) | 0.055*** (0.005) | 0.054*** (0.005) | 0.057*** (0.005) | 0.052*** (0.005) | 0.055*** (0.005) |
| Females | | | | | | |
| 2 nd SES quintile group | 0.040*** (0.004) | 0.017*** (0.004) | 0.017*** (0.004) | 0.017*** (0.004) | 0.016*** (0.004) | 0.018*** (0.004) |
| Middle SES quintile group | 0.070*** (0.004) | 0.032*** (0.004) | 0.032*** (0.004) | 0.032*** (0.004) | 0.031*** (0.004) | 0.031*** (0.004) |
| 4 th SES quintile group | 0.096*** (0.005) | 0.043*** (0.004) | 0.043*** (0.004) | 0.044*** (0.004) | 0.041*** (0.004) | 0.041*** (0.004) |
| Top SES quintile group | 0.123*** (0.005) | 0.056*** (0.004) | 0.055*** (0.004) | 0.057*** (0.004) | 0.052*** (0.004) | 0.052*** (0.004) |
| Controls | | | | | | |
| Cohort | √ | √ | √ | √ | √ | √ |
| Social and human capital | | √ | √ | √ | √ | √ |
| Institution grouping | | | √ | | | |
| Subject dummies | | | | √ | | |
| Live/study in same region | | | | | √ | √ |
| Course fixed effects | | | | | | √ |

Notes: *** indicates significance at the 1% level; ** at the 5% level; * at the 10% level. Standard errors are clustered at the university level and reported in brackets. All other coefficient estimates are available from the author on request.

Table A8 Socio-economic differences in degree completion within 5 years of starting university at age 18/19, “high status” institutions only

| | (1) | (2) | (3) | (4) | (5) | (6) |
|------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 2 nd SES quintile group | 0.032*** (0.007) | 0.009 (0.006) | 0.008 (0.006) | 0.008 (0.006) | 0.007 (0.006) | 0.007 (0.006) |
| Middle SES quintile group | 0.064*** (0.007) | 0.026*** (0.006) | 0.025*** (0.006) | 0.026*** (0.006) | 0.025*** (0.006) | 0.024*** (0.006) |
| 4 th SES quintile group | 0.086*** (0.008) | 0.037*** (0.006) | 0.037*** (0.006) | 0.037*** (0.006) | 0.035*** (0.006) | 0.033*** (0.006) |
| Top SES quintile group | 0.107*** (0.008) | 0.049*** (0.006) | 0.049*** (0.006) | 0.047*** (0.006) | 0.046*** (0.006) | 0.043*** (0.006) |
| Controls | | | | | | |
| Cohort | √ | √ | √ | √ | √ | √ |
| Social and human capital | | √ | √ | √ | √ | √ |
| Institution grouping | | | √ | | | |
| Subject dummies | | | | √ | | |
| Live/study in same region | | | | | √ | √ |
| Course fixed effects | | | | | | √ |

Notes: *** indicates significance at the 1% level; ** at the 5% level; * at the 10% level. Standard errors are clustered at the university level and reported in brackets. All other coefficient estimates are available from the author on request.

Table A9 SES differences in degree completion within 5 years of starting university at age 18/19, amongst those studying full-time for a first degree

| | (1) | (2) | (3) | (4) | (5) | (6) |
|------------------------------------|---------------------|---------------------|---------------------|----------------------|---------------------|----------------------|
| 2 nd SES quintile group | 0.074*** (0.004) | 0.014*** (0.004) | 0.015*** (0.004) | 0.013*** (0.004) | 0.014*** (0.004) | 0.011** (0.004) |
| Middle SES quintile group | 0.129*** (0.005) | 0.022*** (0.004) | 0.022*** (0.004) | 0.020*** (0.004) | 0.021*** (0.004) | 0.018*** (0.004) |
| 4 th SES quintile group | 0.181*** (0.005) | 0.034*** (0.004) | 0.035*** (0.004) | 0.032*** (0.004) | 0.033*** (0.004) | 0.030*** (0.004) |
| Top SES quintile group | 0.229*** (0.006) | 0.043*** (0.004) | 0.044*** (0.004) | 0.040*** (0.004) | 0.041*** (0.004) | 0.037*** (0.004) |
| Sat GCSEs in 2003 | 0.005 (0.002) | 0.012*** (0.002) | 0.011*** (0.002) | 0.012*** (0.002) | 0.012*** (0.002) | 0.011*** (0.002) |
| Sat GCSEs in 2004 | 0.017*** (0.003) | 0.015*** (0.003) | 0.015*** (0.003) | 0.016*** (0.003) | 0.015*** (0.003) | 0.015*** (0.002) |
| Male | | -0.007* (0.003) | -0.007* (0.003) | -0.023*** (0.003) | -0.008* (0.003) | -0.022*** (0.003) |
| Born in October | | 0.001 (0.004) | 0.001 (0.004) | 0.001 (0.004) | 0.001 (0.004) | 0.000 (0.003) |
| Born in November | | 0.001 (0.003) | 0.001 (0.003) | 0.001 (0.003) | 0.001 (0.003) | 0.001 (0.003) |
| Born in December | | 0.001 (0.004) | 0.001 (0.004) | 0.000 (0.004) | 0.001 (0.004) | 0.001 (0.004) |
| Born in January | | 0.007* (0.004) | 0.007* (0.004) | 0.007* (0.004) | 0.007* (0.004) | 0.007* (0.003) |
| Born in February | | 0.010* (0.004) | 0.010** (0.004) | 0.009* (0.004) | 0.010* (0.004) | 0.008* (0.004) |
| Born in March | | 0.011** (0.003) | 0.011** (0.003) | 0.010** (0.003) | 0.011** (0.003) | 0.010** (0.003) |
| Born in April | | 0.014*** (0.004) | 0.014*** (0.004) | 0.013*** (0.004) | 0.014*** (0.004) | 0.013*** (0.004) |

| | | | | | | |
|--|--|----------------------|----------------------|----------------------|----------------------|----------------------|
| Born in May | | 0.013*** (0.003) | 0.013*** (0.003) | 0.012*** (0.003) | 0.013*** (0.003) | 0.012*** (0.003) |
| Born in June | | 0.016*** (0.003) | 0.016*** (0.003) | 0.015*** (0.003) | 0.016*** (0.003) | 0.014*** (0.003) |
| Born in July | | 0.017*** (0.004) | 0.018*** (0.004) | 0.016*** (0.004) | 0.017*** (0.004) | 0.016*** (0.004) |
| Born in August | | 0.022*** (0.004) | 0.022*** (0.004) | 0.021*** (0.004) | 0.022*** (0.004) | 0.020*** (0.004) |
| Other White | | -0.008 (0.005) | -0.008 (0.005) | -0.009 (0.005) | -0.008 (0.005) | -0.015** (0.005) |
| Black African | | -0.081*** (0.008) | -0.083*** (0.008) | -0.078*** (0.008) | -0.082*** (0.008) | -0.095*** (0.007) |
| Black Caribbean | | -0.064*** (0.009) | -0.066*** (0.009) | -0.065*** (0.008) | -0.063*** (0.009) | -0.082*** (0.008) |
| Other Black | | -0.068*** (0.014) | -0.069*** (0.014) | -0.067*** (0.014) | -0.068*** (0.014) | -0.077*** (0.014) |
| Indian | | -0.053*** (0.007) | -0.055*** (0.007) | -0.049*** (0.006) | -0.052*** (0.007) | -0.064*** (0.006) |
| Pakistani | | -0.084*** (0.010) | -0.087*** (0.011) | -0.073*** (0.010) | -0.083*** (0.010) | -0.083*** (0.007) |
| Bangladeshi | | -0.092*** (0.009) | -0.090*** (0.009) | -0.085*** (0.010) | -0.089*** (0.009) | -0.095*** (0.009) |
| Chinese | | -0.058*** (0.010) | -0.058*** (0.010) | -0.066*** (0.010) | -0.058*** (0.010) | -0.062*** (0.010) |
| Other Asian | | -0.075*** (0.011) | -0.076*** (0.011) | -0.071*** (0.010) | -0.074*** (0.011) | -0.086*** (0.010) |
| Mixed | | -0.025*** (0.006) | -0.025*** (0.006) | -0.027*** (0.006) | -0.025*** (0.006) | -0.035*** (0.006) |
| Other | | -0.047*** (0.009) | -0.048*** (0.009) | -0.045*** (0.008) | -0.046*** (0.009) | -0.057*** (0.008) |
| Speaks English as an additional language | | -0.004 (0.005) | -0.005 (0.005) | -0.003 (0.005) | -0.003 (0.005) | -0.009* (0.004) |
| Statemented SEN | | -0.000 (0.012) | 0.001 (0.012) | -0.004 (0.012) | 0.000 (0.012) | -0.003 (0.012) |
| Non-statemented SEN | | 0.007 (0.005) | 0.007 (0.005) | 0.007 (0.005) | 0.007 (0.005) | 0.007 (0.005) |
| Lives in the North West | | -0.012 (0.008) | -0.012 (0.008) | -0.013 (0.007) | -0.012 (0.009) | -0.006 (0.005) |
| Lives in Yorkshire and The Humber | | 0.011 (0.007) | 0.013 (0.007) | 0.011 (0.007) | 0.010 (0.007) | 0.015** (0.005) |
| Lives in the East Midlands | | 0.047*** (0.008) | 0.047*** (0.008) | 0.047*** (0.007) | 0.045*** (0.008) | 0.049*** (0.005) |
| Lives in the West Midlands | | 0.023** (0.008) | 0.029*** (0.008) | 0.022** (0.007) | 0.021* (0.008) | 0.028*** (0.005) |
| Lives in the East of England | | 0.056*** (0.008) | 0.058*** (0.008) | 0.053*** (0.007) | 0.052*** (0.008) | 0.057*** (0.005) |
| Lives in London | | 0.027** (0.008) | 0.032*** (0.008) | 0.024*** (0.007) | 0.026** (0.008) | 0.021*** (0.005) |
| Lives in the South East | | 0.052*** (0.008) | 0.055*** (0.008) | 0.049*** (0.007) | 0.050*** (0.008) | 0.061*** (0.005) |
| Lives in the South West | | 0.057*** (0.009) | 0.059*** (0.008) | 0.057*** (0.007) | 0.056*** (0.009) | 0.064*** (0.005) |
| 2nd quintile of KS2 English | | -0.004 (0.006) | -0.003 (0.006) | -0.001 (0.006) | -0.004 (0.006) | 0.001 (0.006) |

| | | | | | | |
|---|--|----------------------|----------------------|----------------------|----------------------|----------------------|
| 3rd quintile of KS2 English | | -0.004 (0.006) | -0.004 (0.006) | -0.001 (0.006) | -0.004 (0.006) | 0.002 (0.006) |
| 4th quintile of KS2 English | | -0.004 (0.006) | -0.004 (0.006) | -0.001 (0.006) | -0.004 (0.006) | 0.002 (0.006) |
| Top quintile of KS2 English | | 0.003 (0.006) | 0.003 (0.006) | 0.004 (0.006) | 0.003 (0.006) | 0.007 (0.006) |
| 2nd quintile of KS2 Maths | | 0.000 (0.005) | -0.000 (0.005) | -0.001 (0.005) | -0.000 (0.005) | -0.002 (0.005) |
| 3rd quintile of KS2 Maths | | -0.007 (0.005) | -0.008 (0.005) | -0.007 (0.005) | -0.007 (0.005) | -0.010 (0.005) |
| 4th quintile of KS2 Maths | | -0.010 (0.005) | -0.012* (0.005) | -0.011* (0.005) | -0.010 (0.005) | -0.015** (0.005) |
| Top quintile of KS2 Maths | | -0.021*** (0.006) | -0.022*** (0.006) | -0.021*** (0.006) | -0.021*** (0.006) | -0.025*** (0.005) |
| 2nd quintile of KS2 Science | | 0.003 (0.005) | 0.003 (0.005) | 0.002 (0.005) | 0.003 (0.005) | 0.002 (0.005) |
| 3rd quintile of KS2 Science | | 0.008 (0.005) | 0.008 (0.005) | 0.007 (0.005) | 0.008 (0.005) | 0.006 (0.005) |
| 4th quintile of KS2 Science | | 0.001 (0.005) | 0.002 (0.005) | -0.001 (0.005) | 0.001 (0.005) | -0.002 (0.005) |
| Top quintile of KS2 Science | | -0.002 (0.005) | -0.002 (0.005) | -0.005 (0.005) | -0.003 (0.005) | -0.006 (0.005) |
| Attends a selective community school | | -0.025*** (0.005) | -0.026*** (0.005) | -0.028*** (0.005) | -0.025*** (0.005) | -0.027*** (0.005) |
| Attends a non-selective other maintained school | | -0.014*** (0.002) | -0.014*** (0.002) | -0.014*** (0.002) | -0.015*** (0.002) | -0.012*** (0.002) |
| Attends a selective other maintained school | | -0.047*** (0.004) | -0.046*** (0.004) | -0.048*** (0.004) | -0.047*** (0.004) | -0.045*** (0.003) |
| Attends an (old-style) academy | | 0.003 (0.032) | 0.001 (0.032) | 0.007 (0.032) | 0.003 (0.032) | 0.008 (0.032) |
| Attends a special school | | 0.022 (0.050) | 0.024 (0.050) | 0.017 (0.050) | 0.020 (0.050) | 0.012 (0.052) |
| Attends a school with a sixth form | | 0.018*** (0.002) | 0.018*** (0.002) | 0.016*** (0.002) | 0.018*** (0.002) | 0.014*** (0.002) |
| Attends a school in the 2nd quintile of performance | | -0.011** (0.003) | -0.011** (0.003) | -0.011** (0.003) | -0.011** (0.003) | -0.012*** (0.003) |
| Attends a school in the 3rd quintile of performance | | -0.025*** (0.004) | -0.024*** (0.003) | -0.025*** (0.003) | -0.025*** (0.004) | -0.028*** (0.003) |
| Attends a school in the 4th quintile of performance | | -0.038*** (0.004) | -0.037*** (0.004) | -0.039*** (0.004) | -0.038*** (0.004) | -0.042*** (0.004) |
| Attends a school in the top quintile of performance | | -0.052*** (0.004) | -0.051*** (0.004) | -0.054*** (0.004) | -0.053*** (0.004) | -0.058*** (0.004) |
| Points awarded for English at Key Stage 4 | | 0.005*** (0.002) | 0.006*** (0.002) | 0.005*** (0.001) | 0.005*** (0.002) | 0.004** (0.001) |
| Points awarded for Maths at Key Stage 4 | | -0.003 (0.001) | -0.003* (0.001) | -0.000 (0.001) | -0.003 (0.001) | 0.000 (0.001) |
| Number of GNVQs at grade A or A* | | 0.012*** (0.002) | 0.012*** (0.002) | 0.011*** (0.002) | 0.012*** (0.002) | 0.012*** (0.002) |
| Number of GNVQs at grade B | | 0.005*** (0.001) | 0.005*** (0.001) | 0.004*** (0.001) | 0.005*** (0.001) | 0.004*** (0.001) |
| Number of GNVQs at grade C | | -0.005*** (0.001) | -0.005*** (0.001) | -0.006*** (0.001) | -0.005*** (0.001) | -0.005*** (0.001) |
| Number of GNVQs at grades D-G | | -0.014* (0.007) | -0.014* (0.007) | -0.015* (0.007) | -0.014* (0.007) | -0.013 (0.007) |

| | | | | | | |
|---|--|----------------------|----------------------|----------------------|----------------------|----------------------|
| Number of GCSEs in ebacc subjects at grade A* | | 0.010*** (0.002) | 0.010*** (0.002) | 0.013*** (0.001) | 0.009*** (0.002) | 0.016*** (0.001) |
| Number of GCSEs in ebacc subjects at grade A | | 0.007*** (0.001) | 0.007*** (0.001) | 0.010*** (0.001) | 0.007*** (0.001) | 0.010*** (0.001) |
| Number of GCSEs in ebacc subjects at grade B | | -0.004*** (0.001) | -0.004*** (0.001) | -0.002 (0.001) | -0.005*** (0.001) | -0.002 (0.001) |
| Number of GCSEs in ebacc subjects at grade C | | -0.017*** (0.001) | -0.017*** (0.001) | -0.015*** (0.001) | -0.017*** (0.001) | -0.015*** (0.001) |
| Number of GCSEs in ebacc subjects at grades D-G | | -0.029*** (0.002) | -0.029*** (0.002) | -0.029*** (0.002) | -0.029*** (0.002) | -0.029*** (0.002) |
| Number of GCSEs in non-ebacc subjects at grade A* | | 0.019*** (0.002) | 0.019*** (0.002) | 0.016*** (0.001) | 0.019*** (0.002) | 0.018*** (0.001) |
| Number of GCSEs in non-ebacc subjects at grade A | | 0.020*** (0.001) | 0.020*** (0.001) | 0.018*** (0.001) | 0.020*** (0.001) | 0.019*** (0.001) |
| Number of GCSEs in non-ebacc subjects at grade B | | 0.008*** (0.001) | 0.008*** (0.001) | 0.007*** (0.001) | 0.008*** (0.001) | 0.008*** (0.001) |
| Number of GCSEs in non-ebacc subjects at grade C | | -0.015*** (0.001) | -0.015*** (0.001) | -0.015*** (0.001) | -0.015*** (0.001) | -0.015*** (0.001) |
| No. of GCSEs in non-ebacc subjects at grades D-G | | -0.033*** (0.002) | -0.033*** (0.002) | -0.035*** (0.002) | -0.033*** (0.002) | -0.036*** (0.002) |
| Achieved Level 2 by age 18 | | 0.011 (0.014) | 0.012 (0.014) | 0.011 (0.014) | 0.011 (0.014) | 0.017 (0.015) |
| Achieved Level 2 via a non-academic route | | 0.000 (0.000) | 0.000 (0.000) | 0.000 (0.000) | 0.000 (0.000) | (dropped) |
| 2nd quintile of performance at Level 2 | | 0.019 (0.011) | 0.018 (0.011) | 0.022* (0.010) | 0.019 (0.011) | 0.019 (0.010) |
| 3rd quintile of performance at Level 2 | | 0.086*** (0.012) | 0.086*** (0.012) | 0.093*** (0.012) | 0.086*** (0.012) | 0.092*** (0.012) |
| 4th quintile of performance at Level 2 | | 0.102*** (0.015) | 0.102*** (0.015) | 0.110*** (0.014) | 0.102*** (0.015) | 0.111*** (0.014) |
| Top quintile of performance at Level 2 | | 0.102*** (0.016) | 0.102*** (0.016) | 0.109*** (0.015) | 0.102*** (0.016) | 0.110*** (0.015) |
| No. of L2 qualifications achieved via FE route | | -0.032* (0.016) | -0.033* (0.016) | -0.028 (0.015) | -0.032* (0.016) | -0.030* (0.015) |
| No. of L2 quals achieved via vocational route | | 0.004 (0.015) | 0.005 (0.015) | 0.007 (0.015) | 0.004 (0.015) | 0.008 (0.014) |
| 2nd quintile of performance at KS5 | | 0.066*** (0.005) | 0.064*** (0.005) | 0.062*** (0.005) | 0.066*** (0.005) | 0.058*** (0.005) |
| 3rd quintile of performance at KS5 | | 0.119*** (0.006) | 0.117*** (0.006) | 0.113*** (0.006) | 0.119*** (0.006) | 0.107*** (0.005) |
| 4th quintile of performance at KS5 | | 0.155*** (0.007) | 0.155*** (0.007) | 0.148*** (0.007) | 0.154*** (0.007) | 0.142*** (0.006) |
| Top quintile of performance at KS5 | | 0.160*** (0.008) | 0.162*** (0.008) | 0.153*** (0.008) | 0.160*** (0.008) | 0.147*** (0.007) |
| Achieved Level 3 by age 18 | | 0.018** (0.007) | 0.020** (0.007) | 0.019** (0.007) | 0.018** (0.007) | 0.020** (0.007) |
| No. of A-levels in facilitating subjects at grade A or A* | | 0.026*** (0.006) | 0.032*** (0.006) | 0.039*** (0.006) | 0.026*** (0.006) | 0.059*** (0.003) |
| No. of A-levels in facilitating subjects at grade B | | 0.016*** (0.003) | 0.020*** (0.003) | 0.027*** (0.003) | 0.015*** (0.003) | 0.033*** (0.003) |
| No. of A-levels in facilitating subjects at grade C | | -0.013*** (0.003) | -0.012*** (0.003) | -0.004 (0.003) | -0.014*** (0.003) | -0.000 (0.003) |
| No. of A-levels in facilitating subjects at grade D | | -0.037*** (0.003) | -0.038*** (0.003) | -0.028*** (0.003) | -0.037*** (0.003) | -0.029*** (0.003) |

| | | | | | | |
|---|--|----------------------|----------------------|----------------------|----------------------|----------------------|
| No. of A-levels in facilitating subjects at grade E | | -0.056*** (0.004) | -0.058*** (0.004) | -0.048*** (0.004) | -0.056*** (0.004) | -0.051*** (0.003) |
| No. of A or A* grades in non-facilitating subjects | | 0.064*** (0.003) | 0.067*** (0.002) | 0.066*** (0.002) | 0.063*** (0.003) | 0.068*** (0.002) |
| No. of B grades in non-facilitating subjects | | 0.035*** (0.002) | 0.036*** (0.002) | 0.036*** (0.002) | 0.035*** (0.002) | 0.037*** (0.002) |
| No. of C grades in non-facilitating subjects | | -0.006** (0.002) | -0.007** (0.002) | -0.004* (0.002) | -0.006** (0.002) | -0.004* (0.002) |
| No. of D grades in non-facilitating subjects | | -0.041*** (0.002) | -0.042*** (0.002) | -0.040*** (0.002) | -0.041*** (0.002) | -0.040*** (0.002) |
| No. of E grades in non-facilitating subjects | | -0.062*** (0.003) | -0.063*** (0.003) | -0.062*** (0.003) | -0.062*** (0.003) | -0.062*** (0.003) |
| Achieved Level 3 via a non-academic route | | 0.000 (0.000) | 0.000 (0.000) | -0.012 (0.007) | 0.000 (0.000) | 0.067 (0.378) |
| 2nd quintile of performance at Level 3 | | 0.001 (0.007) | 0.001 (0.007) | 0.003 (0.007) | 0.001 (0.007) | 0.003 (0.007) |
| 3rd quintile of performance at Level 3 | | -0.013 (0.007) | -0.012 (0.007) | -0.008 (0.007) | -0.013 (0.007) | -0.008 (0.007) |
| 4th quintile of performance at Level 3 | | -0.030*** (0.008) | -0.029*** (0.008) | -0.024** (0.008) | -0.030*** (0.008) | -0.022** (0.008) |
| Top quintile of performance at Level 3 | | -0.045*** (0.009) | -0.044*** (0.009) | -0.040*** (0.009) | -0.045*** (0.009) | -0.035*** (0.009) |
| No. of L3 qualifications achieved via FE route | | 0.004 (0.012) | 0.002 (0.012) | 0.001 (0.012) | 0.004 (0.012) | -0.002 (0.011) |
| No. of L3 quals achieved via vocational route | | -0.017 (0.013) | -0.015 (0.013) | -0.019 (0.013) | -0.017 (0.013) | -0.013 (0.012) |
| Russell Group | | | -0.030* (0.012) | | | |
| 1994 Group | | | -0.007 (0.011) | | | |
| University Alliance | | | 0.024* (0.010) | | | |
| Million Plus | | | -0.003 (0.011) | | | |
| Guild HE | | | -0.045*** (0.014) | | | |
| Biological Sciences | | | | 0.025* (0.012) | | |
| Veterinary Sciences and Agriculture | | | | -0.121 (0.078) | | |
| Physical Sciences | | | | 0.015 (0.012) | | |
| Mathematical Sciences | | | | -0.049** (0.016) | | |
| Computer Sciences | | | | 0.126*** (0.015) | | |
| Engineering | | | | 0.087*** (0.023) | | |
| Technologies | | | | 0.136*** (0.034) | | |
| Architecture, Building and Planning | | | | 0.056* (0.023) | | |
| Social Studies | | | | 0.038** (0.012) | | |

| | | | | | | |
|---------------------------------------|--|--|--|---------------------|----------------------|----------------------|
| Law | | | | -0.017 (0.013) | | |
| Business and Administrative Studies | | | | 0.107*** (0.014) | | |
| Mass Communications and Documentation | | | | 0.099*** (0.016) | | |
| Linguistics and Classics | | | | 0.056*** (0.013) | | |
| European Languages and Literature | | | | 0.038** (0.013) | | |
| Non-European Languages and Literature | | | | 0.072*** (0.013) | | |
| Historical and Philosophical Studies | | | | 0.068*** (0.011) | | |
| Creative Arts and Design | | | | 0.101*** (0.012) | | |
| Education | | | | 0.010 (0.019) | | |
| Live/study in same region | | | | | -0.011*** (0.003) | -0.010*** (0.002) |

Notes: *** indicates significance at the 1% level; ** at the 5% level; * at the 10% level. Standard errors are clustered at the university level and reported in brackets. Omitted categories are: lowest SES quintile group; those who sat their GCSEs in 2002; White British individuals; those born in September; those with no special educational needs; those living in the North East; those scoring in the bottom quintile in KS2 English, maths and science; those attending a non-selective community school; those scoring in the bottom quintile of performance at Level 2; those scoring in the bottom quintile of performance at Key Stage 5 and Level 3; non-affiliated institutions; medicine and dentistry and subjects allied to medicine.

Table A10 Socio-economic differences in the likelihood of graduating with a first or a 2:1, including private school students in the top SES quintile group

| | (1) | (2) | (3) | (4) | (5) | (6) |
|------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 2 nd SES quintile group | 0.074*** (0.004) | 0.015*** (0.004) | 0.015*** (0.004) | 0.013*** (0.004) | 0.014*** (0.004) | 0.011** (0.004) |
| Middle SES quintile group | 0.129*** (0.005) | 0.022*** (0.004) | 0.023*** (0.004) | 0.021*** (0.004) | 0.021*** (0.004) | 0.019*** (0.004) |
| 4 th SES quintile group | 0.181*** (0.005) | 0.034*** (0.004) | 0.035*** (0.004) | 0.032*** (0.004) | 0.033*** (0.004) | 0.031*** (0.004) |
| Top SES quintile group | 0.231*** (0.006) | 0.043*** (0.004) | 0.044*** (0.004) | 0.040*** (0.004) | 0.042*** (0.004) | 0.038*** (0.004) |
| | Controls | | | | | |
| Cohort | √ | √ | √ | √ | √ | √ |
| Social and human capital | | √ | √ | √ | √ | √ |
| Institution grouping | | | √ | | | |
| Subject dummies | | | | √ | | |
| Live/study in same region | | | | | √ | √ |
| Course fixed effects | | | | | | √ |

Notes: *** indicates significance at the 1% level; ** at the 5% level; * at the 10% level. Standard errors are clustered at the university level and reported in brackets. All other coefficient estimates are available from the author on request.

Table A11 Socio-economic differences in the likelihood of graduating with a first or a 2:1 within 5 years of starting university at age 18/19, by gender

| | (1) | (2) | (3) | (4) | (5) | (6) |
|------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Males | | | | | | |
| 2 nd SES quintile group | 0.065*** (0.006) | 0.007 (0.006) | 0.008 (0.006) | 0.006 (0.006) | 0.007 (0.006) | 0.004 (0.006) |
| Middle SES quintile group | 0.113*** (0.007) | 0.010 (0.006) | 0.011 (0.006) | 0.009 (0.006) | 0.010 (0.006) | 0.008 (0.006) |
| 4 th SES quintile group | 0.160*** (0.007) | 0.021*** (0.006) | 0.022*** (0.006) | 0.020*** (0.006) | 0.021*** (0.006) | 0.019** (0.006) |
| Top SES quintile group | 0.204*** (0.007) | 0.030*** (0.006) | 0.031*** (0.006) | 0.027*** (0.006) | 0.029*** (0.006) | 0.026*** (0.006) |
| Females | | | | | | |
| 2 nd SES quintile group | 0.081*** (0.006) | 0.018*** (0.005) | 0.018*** (0.005) | 0.017*** (0.005) | 0.017*** (0.005) | 0.015** (0.005) |
| Middle SES quintile group | 0.141*** (0.006) | 0.027*** (0.005) | 0.028*** (0.005) | 0.026*** (0.005) | 0.026*** (0.005) | 0.024*** (0.005) |
| 4 th SES quintile group | 0.197*** (0.006) | 0.040*** (0.005) | 0.041*** (0.005) | 0.038*** (0.005) | 0.038*** (0.005) | 0.037*** (0.004) |
| Top SES quintile group | 0.252*** (0.007) | 0.050*** (0.005) | 0.051*** (0.005) | 0.047*** (0.005) | 0.048*** (0.005) | 0.044*** (0.005) |
| Controls | | | | | | |
| Cohort | √ | √ | √ | √ | √ | √ |
| Social and human capital | | √ | √ | √ | √ | √ |
| Institution grouping | | | √ | | | |
| Subject dummies | | | | √ | | |
| Live/study in same region | | | | | √ | √ |
| Course fixed effects | | | | | | √ |

Notes: *** indicates significance at the 1% level; ** at the 5% level; * at the 10% level. Standard errors are clustered at the university level and reported in brackets. All other coefficient estimates are available from the author on request.

Table A12 Socio-economic differences in the likelihood of graduating with a first or a 2:1 within 5 years of starting university at age 18/19, “high status” institutions only

| | (1) | (2) | (3) | (4) | (5) | (6) |
|------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 2 nd SES quintile group | 0.083*** (0.010) | 0.016* (0.008) | 0.014 (0.008) | 0.017* (0.008) | 0.014 (0.008) | 0.016* (0.007) |
| Middle SES quintile group | 0.115*** (0.012) | 0.016 (0.008) | 0.013 (0.009) | 0.017* (0.009) | 0.014 (0.008) | 0.017* (0.008) |
| 4 th SES quintile group | 0.148*** (0.012) | 0.022** (0.008) | 0.020* (0.008) | 0.024** (0.008) | 0.019* (0.008) | 0.023** (0.008) |
| Top SES quintile group | 0.191*** (0.014) | 0.037*** (0.008) | 0.035*** (0.008) | 0.036*** (0.008) | 0.033*** (0.008) | 0.036*** (0.008) |
| Controls | | | | | | |
| Cohort | √ | √ | √ | √ | √ | √ |
| Social and human capital | | √ | √ | √ | √ | √ |
| Institution grouping | | | √ | | | |
| Subject dummies | | | | √ | | |
| Live/study in same region | | | | | √ | √ |
| Course fixed effects | | | | | | √ |

Notes: *** indicates significance at the 1% level; ** at the 5% level; * at the 10% level. Standard errors are clustered at the university level and reported in brackets. All other coefficient estimates are available from the author on request.

Table A13 Socio-economic differences in drop-out within 2 years of starting university at age 18/19, comparison between results from linear probability and probit models

| | Linear probability model | | | Probit model | | |
|------------------------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | (1) | (2) | (3) | (4) | (5) | (6) |
| 2 nd SES quintile group | -0.023*** (0.002) | -0.009*** (0.002) | -0.009*** (0.002) | -0.018*** (0.001) | -0.006*** (0.001) | -0.006*** (0.001) |
| Middle SES quintile group | -0.044*** (0.002) | -0.019*** (0.002) | -0.018*** (0.002) | -0.035*** (0.002) | -0.013*** (0.001) | -0.013*** (0.001) |
| 4 th SES quintile group | -0.062*** (0.003) | -0.027*** (0.002) | -0.025*** (0.002) | -0.050*** (0.002) | -0.020*** (0.001) | -0.020*** (0.001) |
| Top SES quintile group | -0.084*** (0.003) | -0.037*** (0.002) | -0.035*** (0.002) | -0.073*** (0.002) | -0.030*** (0.001) | -0.030*** (0.001) |
| Controls | | | | | | |
| Cohort | √ | √ | √ | √ | √ | √ |
| Social and human capital | | √ | √ | | √ | √ |
| Institution grouping | | | √ | | | √ |
| Subject dummies | | | √ | | | √ |
| Qualification/study mode | | | √ | | | √ |
| Live/study in same region | | | √ | | | √ |

Notes: *** indicates significance at the 1% level; ** at the 5% level; * at the 10% level. Standard errors are clustered at the university level and reported in brackets. All other coefficient estimates are available from the author on request.

Table A14 Socio-economic differences in degree completion and degree class, comparison between results from linear probability and probit models

| | Linear probability model | | | Probit model | | |
|------------------------------------|--------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | (1) | (2) | (3) | (4) | (5) | (6) |
| Degree completion | | | | | | |
| 2 nd SES quintile group | 0.041*** (0.004) | 0.014*** (0.003) | 0.014*** (0.003) | 0.035*** (0.003) | 0.012*** (0.003) | 0.012*** (0.003) |
| Middle SES quintile group | 0.074*** (0.004) | 0.029*** (0.003) | 0.028*** (0.003) | 0.062*** (0.003) | 0.024*** (0.003) | 0.025*** (0.003) |
| 4 th SES quintile group | 0.102*** (0.004) | 0.040*** (0.003) | 0.038*** (0.003) | 0.088*** (0.003) | 0.035*** (0.003) | 0.036*** (0.003) |
| Top SES quintile group | 0.133*** (0.005) | 0.055*** (0.003) | 0.052*** (0.003) | 0.120*** (0.004) | 0.052*** (0.003) | 0.052*** (0.003) |
| Degree class | | | | | | |
| 2 nd SES quintile group | 0.074*** (0.004) | 0.014*** (0.004) | 0.013*** (0.004) | 0.068*** (0.004) | 0.014*** (0.004) | 0.013*** (0.004) |
| Middle SES quintile group | 0.129*** (0.005) | 0.022*** (0.004) | 0.020*** (0.004) | 0.117*** (0.004) | 0.021*** (0.004) | 0.021*** (0.004) |
| 4 th SES quintile group | 0.181*** (0.005) | 0.034*** (0.004) | 0.032*** (0.004) | 0.164*** (0.004) | 0.034*** (0.004) | 0.034*** (0.004) |
| Top SES quintile group | 0.229*** (0.006) | 0.043*** (0.004) | 0.039*** (0.004) | 0.215*** (0.005) | 0.046*** (0.004) | 0.044*** (0.004) |
| Controls | | | | | | |
| Cohort | √ | √ | √ | √ | √ | √ |
| Social and human capital | | √ | √ | | √ | √ |
| Institution grouping | | | √ | | | √ |
| Subject dummies | | | √ | | | √ |
| Live/study in same region | | | √ | | | √ |

Notes: *** indicates significance at the 1% level; ** at the 5% level; * at the 10% level. Standard errors are clustered at the university level and reported in brackets. All other coefficient estimates are available from the author on request.