*Supplementary Table 1b: Socio-demographic and educational background descriptive statistics of the UKMED sample of non-graduate entry doctors (n=5540) who applied for specialty training in 2015. In compliance with the UK Medical Database Statistical Disclosure Control whole numbers have been rounded to the nearest multiple of five. For a full list of UKMED data types, descriptions and sources please refer to the UKMED Data Dictionary available* at <http://www.ukmed.ac.uk/documents/UKMED_data_dictionary.pdf>

| **Factor** | **Category** | **N** | **% of sample** | **% applied** | **% applied solely** |
| --- | --- | --- | --- | --- | --- |
| Gender | Female | 3235 | 58.39 | 4.42 | 2.44 |
|  | Male | 2305 | 41.61 | 5.21 | 2.56 |
| Black and Minority Ethnicity (BME) | BME | 1965 | 35.43 | 4.84 | 1.68 |
| Not BME | 3555 | 64.13 | 4.70 | 2.93 |
| Unknown/missing | 25 | 0.43 | 4.17 | 3.17 |
| Disabled | Yes | 45 | 0.81 | 6.67 | 4.44 |
| No | 5460 | 98.54 | 4.69 | 2.47 |
| Unknown/missing | 35 | 0.65 | 11.11 | 2.78 |
| Income Support (during school years student lived in household receiving income support) | Yes | 635 | 11.43 | 4.27 | 3.00 |
| No | 3815 | 68.90 | 4.51 | 2.57 |
| Unknown/missing | 1090 | 19.68 | 5.87 | 1.93 |
| Free School Meals (received free school meals) | Yes | 360 | 6.53 | 6.53 | 3.59 |
| No | 4300 | 77.64 | 4.35 | 2.51 |
| Unknown/missing | 875 | 15.83 | 6.04 | 1.94 |
| National Statistics Socio-economic Class (NS-SEC) | Semi-routine and routine occupations | 430 | 7.73 | 4.91 | 2.57 |
| Lower supervisory and technical occupations | 105 | 1.86 | 5.83 | 2.91 |
| Small employers and own account work | 280 | 5.07 | 5.69 | 3.20 |
| Intermediate occupations | 485 | 8.74 | 6.61 | 3.93 |
| Managerial and professional occupations | 3810 | 68.74 | 4.33 | 2.26 |
| Unknown/missing | 435 | 7.87 | 5.28 | 2.29 |
| Index of Multiple Deprivation (IMD) a quintile ranking of IMD zone within country of students’ domicile postcode. | 1 | 1875 | 33.88 | 4.50 | 2.40 |
| 2 | 1250 | 22.56 | 4.64 | 2.56 |
| 3 | 885 | 15.94 | 4.98 | 3.17 |
| 4 | 510 | 9.21 | 5.10 | 2.55 |
| 5 | 360 | 6.52 | 5.82 | 2.22 |
| Unknown/missing | 660 | 11.90 | 5.77 | 1.82 |
| POLAR2 (quintile classification of areas for young participation rates in higher education associated with students’ domicile postcode | Low POLAR2 (quintile 1) | 225 | 4.06 | 6.22 | 4.00 |
| Other POLAR2 (quintiles 2 to 5) | 4700 | 84.84 | 4.60 | 2.53 |
| Non-UK | 585 | 10.60 | 5.28 | 1.53 |
| Unknown/missing | 30 | 0.51 | 7.14 | 3.57 |
| Secondary school type attended | State funded | 3440 | 62.06 | 4.25 | 2.33 |
| Privately funded | 1455 | 26.23 | 5.57 | 3.17 |
| Unknown/missing | 650 | 11.71 | 5.55 | 1.85 |
| Parent Degree (parent(s)/guardian completed a university degree or equivalent) | Yes | 3335 | 60.18 | 4.32 | 2.37 |
| No | 1475 | 26.66 | 5.08 | 3.25 |
| Unknown/missing | 730 | 13.16 | 6.04 | 1.51 |
| UK Educated | UK secondary & undergraduate | 4925 | 88.94 | 4.65 | 2.62 |
| Neither or either | 540 | 9.78 | 5.72 | 1.48 |
| Unknown/missing | 70 | 1.28 | 4.23 | 1.41 |
| Medical School Entry Status | Non-graduate entrant to Standard Entry Programme | 5540 | 100.00 | 4.75 | 2.49 |
| Intercalated | Yes | 875 | 15.79 | 5.14 | 3.20 |
|  | No | 4665 | 84.21 | 4.67 | 2.36 |
| Russell Group First Medical School | Yes | 3960 | 71.48 | 4.47 | 2.47 |
| No | 1580 | 28.52 | 5.44 | 2.53 |
| Foundation Programme Selection Assessment: Educational Performance Measure (EPM) | Top two quartiles | 2770 | 49.96 | 3.40 | 1.84 |
| Bottom two quartiles | 2615 | 47.24 | 6.19 | 3.21 |
| Unknown/missing | 155 | 2.80 | 4.52 | 1.94 |
| Annual Review of Competence Progression (ARCP) Final Outcome | Satisfactory | 4840 | 87.40 | 4.77 | 2.48 |
| All other outcomes | 655 | 11.81 | 4.89 | 2.75 |
| Unknown/missing | 45 | 0.79 | 0.00 | 0.00 |
| First Medical School | Name (see Table 2 for details) |  |  | 4.75 | 2.49 |
| Foundation School Deanery | Name (see Table 2 for details) |  |  | 4.75 | 2.49 |
|  | Unknown/missing |  |  | 0.00 | 0.00 |