| Table 1: Regression results: all markers |
|-----------------------------------------|
| **Col(1)** | **Col(2)** | **Col(3)** | **Col(4)** | **Col(5)** | **Col(6)** |
| Chemotherapy | 41,389 | 4% | 202 | 15% | 0.66 | 0.98 |
| PET-CT* | 497 | 132% | 129 | -2% | 0.95 | 0.11 |
| Radiotherapy | 10,536 | 37% | 822 | 4% | 0.97 | 0.86 |
| Stereotactic Radiosurgery | 1,197 | -112% | 9 | -16% | 0.99 | 0.84 |
| Teenage and Young Adults Cancer | 5,864 | 28% | 187 | 2% | 0.82 | 0.56 |
| Rare Cancers (Adult) | 30,019 | 17% | 1,812 | -3% | 0.72 | 0.42 |
| Bone Marrow Transplantation | 3 | 373% | 98 | -6% | 0.9 | 0.86 |
| Haemophilia | 3,673 | 23% | 115 | 29% | 0.89 | 0.74 |
| Women - Complex Minimal Access Gynaecology Surgery | 1,961 | -8% | 13 | 2% | 0.77 | 0.59 |
| Women - Pelvic Medicine | 125 | 123% | 8 | 21% | 0.96 | 0.84 |
| Women - Complex Urinary and Fecal Incontinence & Genital Prolapse | 35 | -11% | 4 | -17% | 0.93 | 0.77 |
| Women - Maternal Medicine | 41,612 | 9% | 1,743 | 0% | 0.66 | 0.75 |
| Spinal - Spinal Surgery | 8,291 | -14% | 667 | -1% | 0.83 | 0.49 |
| Neurosciences - Neurology | 121,574 | 10% | 6218 | 14% | 0.86 | 0.52 |
| Neurosciences - Neurophysiology | 232 | -21% | 5 | -41% | 0.99 | 0.89 |
| Neurosciences - Neuroimaging | 13 | 160% | 0 | 0% | 0.93 | 0.93 |
| Neurosciences - Neurosurgery | 61,308 | 41% | 4441 | 3% | 0.92 | 0.24 |
| Burna Care | 2,009 | 73% | 256 | 23% | 0.97 | 0.88 |
| Cleft Lip and Palate | 422 | -9% | 8 | -14% | 0.76 | 0.76 |
| Renal Services - Access for dialysis | 12,255 | 20% | 557 | 4% | 0.88 | 0.43 |
| Renal Services - Renal Transplantation | 8,793 | -17% | 258 | 11% | 0.88 | 0.8 |
| Cardiac - Cardiac electrophysiology | 6,628 | -3% | 462 | -10% | 0.88 | 0.73 |
| Cardiac - Inherited heart disorders | 4,162 | 16% | 262 | 0% | 0.69 | 0.43 |
| Cardiac - Cardiac surgery | 27,354 | 22% | 1432 | -7% | 0.9 | 0.26 |
| Cardiac - PPCP** and Structural Heart Disease | 27,337 | 13% | 2086 | -3% | 0.79 | 0.8 |
| Cardiac - Pulmonary hypertension | 906 | 12% | 12 | -3% | 0.93 | 0.7 |
| Cardiac - Cardiovascular magnetic resonance | 1,483 | 60% | 240 | 16% | 0.93 | 0.27 |
| Cardiac - Other | 19,567 | 2% | 814 | 3% | 0.68 | 0.47 |
| Adult Congenital Heart Disease | 3,567 | -14% | 126 | -9% | 0.85 | 0.65 |
| Cleft Lip Palate | 2,275 | -7% | 59 | -2% | 0.95 | 0.7 |
| Immunology | 9,140 | -9% | 27 | 25% | 0.92 | 0.95 |
| Allergy | 2,292 | -22% | 0 | 0% | 0.97 | 0.77 |
| Infectious Diseases Adult | 241 | -22% | 11 | 11% | 0.97 | 0.78 |
| Infectious Diseases Paeds | 111 | 18% | 9 | -10% | 0.97 | 0.5 |
| Hepatology & Pancreas | 2,847 | 8% | 188 | -2% | 0.84 | 0.6 |
| Mental Health - Gender Dysphoria | 175 | 5% | 0 | 6% | 1 | 1 |
| Children - Cancer | 20,510 | 11% | 392 | -1% | 0.9 | 0.7 |
| Children - Cardiac | 7,283 | 18% | 501 | 18% | 0.85 | 0.42 |
| Children - Endocrinology | 4,279 | -8% | 20 | 65% | 0.96 | 0.85 |
| Children - Gastroenterology | 54,635 | 4% | 2133 | -1% | 0.72 | 0.33 |
| Children - Haematology | 1,754 | 8% | 43 | -11% | 0.96 | 0.73 |
| Children - Neurosciences | 11,010 | 24% | 528 | -1% | 0.96 | 0.24 |
| Children - Ophthalmology | 6,467 | 30% | 100 | -2% | 0.8 | 0.31 |
| Children - Renal | 7,205 | -9% | 229 | 11% | 0.97 | 0.64 |
| Children - Respiratory | 9,139 | 30% | 424 | 15% | 0.95 | 0.46 |
| Children - Rheumatology | 7,376 | -1% | 204 | 10% | 0.84 | 0.51 |
| Children - Surgery | 59,543 | 15% | 5329 | 5% | 0.79 | 0.38 |
| Children services - Paediatric Pain Management | 18 | 82% | 0 | 0% | 1 | 0.71 |
| Hyperbaric Oxygen Treatment | 8 | 24% | 1 | -9% | 1 | 1 |
| Respiratory - Pulmonary vascular services | 23 | -37% | 1 | -4% | 0.96 | 0.79 |
| Respiratory - Complex thoracic surgery | 27,560 | 35% | 1200 | 4% | 0.9 | 0.32 |
| Respiratory - Management of central airway obstruction | 2,306 | 47% | 127 | 31% | 0.84 | 0.38 |
| Respiratory - Interstitial lung disease | 9,330 | -25% | 468 | -2% | 0.65 | 0.72 |
| Respiratory - Other | 16,373 | 13% | 1609 | 0% | 0.6 | 0.2 |
| Vascular Services | 5,577 | 7% | 506 | 6% | 0.75 | 0.58 |
| Ears - Cochlear Implants | 49 | 68% | 106 | -27% | 0.95 | 0.99 |
| Ears - Bone anchored hearing aids | 79 | 4% | 7 | 5% | 0.87 | 1 |
| Ears - Middle Ear Implants | 98 | 12% | 3 | -20% | 0.89 | 0.94 |
| Colorectal - Incontinence | 1,270 | -42% | 3 | -43% | 0.95 | 0.77 |
| Colorectal - Complex Inflammatory Bowel disease | 75 | -8% | 3 | -12% | 0.96 | 0.69 |
| Colorectal - Transanal Endoscopic Microsurgery | 497 | 55% | 2 | -32% | 0.93 | 0.86 |
| Orthopaedic Surgery | 1,628 | 20% | 196 | -4% | 0.79 | 0.38 |
| Orthopaedic Surgery - revisions | 123 | 32% | 21 | 7% | 0.91 | 0.54 |
| Musculoskeletal Surgery | 4,301 | -3% | 1,266 | 0% | 0.89 | 0.97 |
| Ophthalmology | 23,022 | 73% | 256 | 23% | 0.97 | 0.88 |
| Haemoglobinopathy - Sickle Cell | 10,813 | 10% | 601 | 7% | 0.95 | 0.73 |
| Haemoglobinopathy - Thalassemia | 8,121 | 0% | 7 | 34% | 0.9 | 1 |
| Highly Specialised | 8,014 | 29% | 385 | 50% | 0.99 | 0.16 |
| Total | 766,204 | 39,007 | 396,973 | 19,011 | 0.99 | 0.99 |

*Positron emission tomography-computed tomography
**Primary Percutaneous coronary intervention
| Marker                                                   | GINI 1  | CR4   | Total value (£000) | $Q_1$ | $q_0$ | Impact (£000) |
|---------------------------------------------------------|---------|-------|---------------------|-------|-------|--------------|
| Chemotherapy                                            | 0.66    | 0.98  | £34,112             | 782,697 | 132% | £1,327       |
| PET-CT*                                                 | 0.95    | 0.11  | £4,589              | 101,472 | 37%   | £20,430      |
| Stereotactic Radiosurgery                              | 0.99    | 0.84  | £12,563             | 1,628  | -112% | -£14,026     |
| Teenage and Young Adults Cancer                        | 0.82    | 0.56  | £12,805             | 13,456 | 28%   | £3,579       |
| Rare Cancers (Adult)                                   | 0.72    | 0.42  | £132,350            | 64,478 | 17%   | £22,775      |
| Bone Marrow Transplant                                  | 0.9     | 0.86  | £5,444              | 5,585  | 37%   | £2,226       |
| Haemophilia                                             | 0.89    | 0.74  | £327                | 2,244  | -8%   | -£5,528      |
| Women - Complex Minimal Access Gynaecology Surgery      | 0.77    | 0.59  | £6,272              | 1,826  | 123%  | £5,521       |
| Women - Fetal Medicine                                  | 0.91    | 0.77  | £1,313              | 35     | -11%  | -£1,17       |
| Women - Complex Urinary and Fecal Incontinence & Gential Prolapse | 0.66    | 0.75  | £4,410              | 45,142 | 9%    | £3,947       |
| Spinal - Spinal Surgery                                 | 0.84    | 0.49  | £113,755            | 11,690 | -14%  | -£10,084     |
| Neurosciences - Neurology                              | 0.98    | 0.52  | £208,862            | 144,318| 10%   | £21,308      |
| Neurosciences - Neurophysiology                        | 0.88    | 0.73  | £34,771             | 7,235  | -3%   | -£1,046      |
| Neurosciences - Neuroradiology                         | 0.99    | 0.93  | £3,342              | 1,153  | 12%   | £391         |
| Neurosciences - Neurosurgery                           | 0.92    | 0.24  | £383,066            | 79,910 | 22%   | £157,190     |
| Burns Care                                              | 0.97    | 0.88  | £20,910             | 6,797  | 73%   | £15,168      |
| Cystic Fibrosis                                         | 0.87    | 0.74  | £20,390             | 13,696 | -9%   | -£367        |
| Renal Services - Access for dialysis                    | 0.91    | 0.84  | £208,869            | 17,203 | 20%   | £10,084      |
| Renal Services - Renal Transplantation                  | 0.91    | 0.76  | £165,100            | 11,852 | -17%  | -£11,114     |

**Table 2: Financial impact in 2013/14: All markers**

*Positron emission tomography-computed tomography*

*Primary Peritoneal carcinomatous invasion*