**Supplemental Digital Content 3.** Prescription of oxycodone for sciatica and Celebrex for osteoarthritis by features of the workplace

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Oxyxodone for sciatica** | | | **Celebrex for OA** | | |
|  | **N** | **Proportion** | **P-value** | **N** | **Proportion** | **P-value** |
| Practice size |  |  |  |  |  |  |
| One physician | 25 | 0.13 | 0.86 | 23 | 0.61 | 0.90 |
| 2-3 physicians | 30 | 0.19 |  | 23 | 0.51 |  |
| 4-10 physicians | 25 | 0.27 |  | 26 | 0.48 |  |
| > 10 physicians | 15 | 0.21 |  | 23 | 0.57 |  |
| Practice is |  |  |  |  |  |  |
| for profit | 57 | 0.20 | 0.64 | 60 | 0.56 | 0.62 |
| not for profit | 30 | 0.26 |  | 32 | 0.49 |  |
| Paid by salary |  |  |  |  |  |  |
| No | 33 | 0.16 | 0.49 | 29 | 0.54 | 0.88 |
| Yes | 60 | 0.23 |  | 64 | 0.52 |  |
| Income dependent on productivity |  |  |  |  |  |  |
| No | 38 | 0.18 | 0.75 | 33 | 0.59 | 0.55 |
| Yes | 54 | 0.22 |  | 60 | 0.50 |  |
| Income dependent on satisfaction surveys |  |  |  |  |  |  |
| No | 67 | 0.21 | 0.10 | 68 | 0.52 | 0.47 |
| Yes | 15 | 0.47 |  | 16 | 0.64 |  |
| Income dependent on measures of quality of care |  |  |  |  |  |  |
| No | 57 | 0.16 | 0.09 | 56 | 0.46 | **0.03** |
| Yes | 27 | 0.38 |  | 28 | 0.77 |  |
| Allow visits from pharmaceutical representatives |  |  |  |  |  |  |
| No | 14 | 0.34 | 0.31 | 18 | 0.48 | 0.62 |
| Yes | 78 | 0.17 |  | 72 | 0.56 |  |
| Accept samples from pharmaceutical representatives |  |  |  |  |  |  |
| No | 18 | 0.35 | 0.18 | 29 | 0.62 | 0.63 |
| Yes | 74 | 0.16 |  | 60 | 0.55 |  |
| Allow gifts from pharmaceutical companies |  |  |  |  |  |  |
| No | 37 | 0.20 | 0.99 | 35 | 0.51 | 0.66 |
| Yes | 54 | 0.20 |  | 54 | 0.57 |  |
|  | **N** | **Slope** | **P-value** | **N** | **Slope** | **P-value** |
| # patients per week (units of 100 patients) | 92 | 0.05 | 0.63 | 92 | 0.13 | **0.03** |
| # patients in panel (units of 100 patients) | 76 | 0.006 | 0.07 | 76 | 0.006 | 0.08 |
| % patients reimbursed on a capitated or pre-paid basis | 85 | 0.003 | 0.44 | 85 | 0.003 | 0.40 |
| Lower use of electronic medical recordsa | 95 | -0.01 | 0.84 | 95 | 0.004 | 0.91 |
| Practice cultureb |  |  |  |  |  |  |
| Collegiality | 92 | 0.04 | 0.66 | 92 | 0.18 | 0.12 |
| Information Emphasis | 93 | -0.06 | 0.41 | 93 | 0.05 | 0.60 |
| Quality Emphasis | 94 | 0.05 | 0.60 | 94 | 0.04 | 0.75 |
| Organizational Identity | 93 | -0.06 | 0.53 | 93 | 0.04 | 0.68 |
| Cohesiveness | 94 | -0.01 | 0.93 | 94 | 0.01 | 0.89 |
| Business Emphasis | 93 | -0.10 | 0.21 | 93 | -0.07 | 0.45 |

a 5-point Likert scale

b Kralewski scales on a 4-point Likert scale