**Supplementary Table S3. Bias analysis with varying probabilities that cases missing smoking data were current, former, or never cigarette smokers**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Current cigarette smoking** | | | | |
| **Chromophobea** | | **Clear Cellb** | |  |
| **P (current/missing)** | **% current corrected** | **P (current/missing)** | **% current corrected** | **Prevalence Ratio Corrected** |
| 0.05 | 9% | 1.00 | 16% | 0.55 |
| 0.10 | 9% | 0.95 | 16% | 0.56 |
| 0.15 | 9% | 0.90 | 16% | 0.57 |
| 0.20 | 9% | 0.85 | 16% | 0.58 |
| 0.25 | 9% | 0.80 | 16% | 0.58 |
| 0.30 | 10% | 0.75 | 16% | 0.59 |
| 0.35 | 10% | 0.70 | 16% | 0.60 |
| 0.40 | 10% | 0.65 | 16% | 0.61 |
| 0.45 | 10% | 0.60 | 16% | 0.62 |
| 0.50 | 10% | 0.55 | 16% | 0.62 |
| 0.55 | 10% | 0.50 | 16% | 0.63 |
| 0.60 | 10% | 0.45 | 16% | 0.64 |
| 0.65 | 10% | 0.40 | 16% | 0.65 |
| 0.70 | 10% | 0.35 | 16% | 0.66 |
| 0.75 | 10% | 0.30 | 15% | 0.67 |
| 0.80 | 10% | 0.25 | 15% | 0.67 |
| 0.85 | 10% | 0.20 | 15% | 0.68 |
| 0.90 | 11% | 0.15 | 15% | 0.69 |
| 0.95 | 11% | 0.10 | 15% | 0.70 |
| 1.00 | 11% | 0.05 | 15% | 0.71 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Former cigarette smoking** | | | | |
| **Chromophobea** | | **Clear Cellb** | |  |
| **P (former/missing)** | **% former corrected** | **P (former/missing)** | **% former corrected** | **Prevalence ratio corrected** |
| 0.05 | 24% | 1.00 | 31% | 0.78 |
| 0.10 | 24% | 0.95 | 31% | 0.79 |
| 0.15 | 24% | 0.90 | 31% | 0.79 |
| 0.20 | 24% | 0.85 | 30% | 0.80 |
| 0.25 | 24% | 0.80 | 30% | 0.80 |
| 0.30 | 25% | 0.75 | 30% | 0.81 |
| 0.35 | 25% | 0.70 | 30% | 0.81 |
| 0.40 | 25% | 0.65 | 30% | 0.82 |
| 0.45 | 25% | 0.60 | 30% | 0.82 |
| 0.50 | 25% | 0.55 | 30% | 0.83 |
| 0.55 | 25% | 0.50 | 30% | 0.84 |
| 0.60 | 25% | 0.45 | 30% | 0.84 |
| 0.65 | 25% | 0.40 | 30% | 0.85 |
| 0.70 | 25% | 0.35 | 30% | 0.85 |
| 0.75 | 25% | 0.30 | 30% | 0.86 |
| 0.80 | 25% | 0.25 | 29% | 0.86 |
| 0.85 | 25% | 0.20 | 29% | 0.87 |
| 0.90 | 26% | 0.15 | 29% | 0.87 |
| 0.95 | 26% | 0.10 | 29% | 0.88 |
| 1.00 | 26% | 0.05 | 29% | 0.88 |

a Chromophobe Observed %: current 9%, former 24%, never smokers 54%, missing 13%)

b Clear Cell (referent category) Observed %: current 15%, former 29%, never 43%, missing 13%)