Appendix: Table 4

*Chi-square results for variables associated with carer expectations of smoking cessation care provision across service settings*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Predictor | N# | $χ$2 | *df* | *p* |
| **Mental health hospitals** |  |  |  |  |
| Carer age | 133 | 9.929 | 2 | .007\* |
| Person with a mental illness age | 133 | .993 | 2 | .607 |
| Carer gender | 131 | .049 | 1 | 1.000 |
| Person with a mental illness gender | 133 | .495 | 1 | .540 |
| Carer employment status | 131 | .254 | 1 | .685 |
| Person with a mental illness employment status | 129 | .001 | 1 | 1.000 |
| Carer marital status | 132 | 8.921 | 2 | .253 |
| Person with a mental illness marital status | 130 | 2.648 | 2 | .272 |
| Carer highest education level | 132 | 1.728 | 2 | .429 |
| Person with a mental illness highest education level | 128 | 2.544 | 2 | .305 |
| Carer ethnicity | 129 | .192 | 1 | 1.000 |
| Person with a mental illness ethnicity | 127 | .210 | 1 | 1.000 |
| Geographic remoteness | 131 | .640 | 2 | .745 |
| Socioeconomic index of disadvantage | 131 | 1.298 | 2 | .590 |
| Person with a mental illness psychiatric diagnosis | 133 | .203 | 2 | .910 |
| Years caring for person with a mental illness | 131 | 1.443 | 1 | .300 |
| Residing in the same residence | 132 | 4.353 | 1 | .054\* |
| Carer relationship to person with mental illness | 132 | 1.716 | 1 | .237\* |
| Carer smoking status | 133 | 4.092 | 1 | .073\* |
| Person with a mental illness smoking status | 133 | 2.235 | 1 | .148 |
| Quitting smoking positive impact on mental health | 130 | 5.789 | 1 | .019\* |
| Smoking negative impact on mental health | 130 | 3.129 | 1 | .082\* |
| Total smoking bans in specialist mental health services | 131 | .201 | 1 | .694 |
|  |  |  |  |  |
|  |  |  |  |  |
| **Community mental health services** |  |  |  |  |
| Carer age | 132 | 5.397 | 2 | .072\* |
| Person with a mental illness age | 132 | 1.329 | 2 | .548 |
| Carer gender | 132 | .070 | 1 | 1.000 |
| Person with a mental illness gender | 132 | 1.083 | 1 | .373 |
| Carer employment status | 130 | .033 | 1 | 1.000 |
| Person with a mental illness employment status | 128 | .506 | 1 | .594 |
| Carer marital status | 132 | 2.911 | 2 | .271 |
| Person with a mental illness marital status | 129 | 1.700 | 2 | .473 |
| Carer highest education level | 132 | 4.298 | 2 | .111\* |
| Person with a mental illness highest education level | 127 | 2.190 | 2 | .355 |
| Carer ethnicity | 129 | .009 | 1 | 1.000 |
| Person with a mental illness ethnicity | 126 | .952 | 1 | .586 |
| Geographic remoteness | 131 | .893 | 2 | .640 |
| Socioeconomic index of disadvantage  | 131 | 3.022 | 2 | .227\* |
| Person with a mental illness psychiatric diagnosis | 132 | 1.775 | 2 | .421 |
| Years caring for person with a mental illness | 131 | 3.422 | 1 | .073\* |
| Residing in the same residence | 132 | 5.606 | 1 | .021\* |
| Carer relationship to person with mental illness | 132 | .460 | 1 | .524 |
| Carer smoking status | 132 | 1.275 | 1 | .319 |
| Person with a mental illness smoking status | 132 | 3.290 | 1 | .110\* |
| Quitting smoking positive impact on mental health | 129 | 2.325 | 1 | .137\* |
| Smoking negative impact on mental health | 129 | .633 | 1 | .522 |
| Total smoking bans in specialist mental health services | 128 | .018 | 1 | 1.000 |
|  |  |  |  |  |
| **GPs** |  |  |  |  |
| Carer age | 133 | .211 | 2 | .940 |
| Person with a mental illness age | 133 | 2.404 | 2 | .313 |
| Carer gender | 132 | .073 | 1 | 1.000 |
| Person with a mental illness gender | 133 | .734 | 1 | .461 |
| Carer employment status | 130 | .145 | 1 | .811 |
| Person with a mental illness employment status | 129 | 2.189 | 1 | .152\* |
| Carer marital status | 132 | 2.291 | 2 | .251 |
| Person with a mental illness marital status | 130 | .081 | 2 | 1.000 |
| Carer highest education level | 132 | 12.456 | 1 | .002\* |
| Person with a mental illness highest education level | 128 | .188 | 2 | .954 |
| Carer ethnicity | 129 | .032 | 1 | 1.000 |
| Person with a mental illness ethnicity | 127 | 1.682 | 1 | .222\* |
| Geographic remoteness | 131 | 2.241 | 2 | .387 |
| Socioeconomic index of disadvantage | 131 | 2.483 | 2 | .286 |
| Person with a mental illness psychiatric diagnosis | 133 | .269 | 2 | .956 |
| Years caring for person with a mental illness | 131 | 2.115 | 1 | .208\* |
| Residing in the same residence | 132 | .976 | 1 | .365 |
| Carer relationship to person with mental illness | 132 | .012 | 1 | 1.000 |
| Carer smoking status | 133 | .292 | 1 | .738 |
| Person with a mental illness smoking status | 133 | .899 | 1 | .457 |
| Quitting smoking positive impact on mental health | 130 | .232 | 1 | .649 |
| Smoking negative impact on mental health | 130 | .067 | 1 | .821 |
|  |  |  |  |  |
| **NGOs** |  |  |  |  |
| Carer age | 129 | 1.192 | 2 | .572 |
| Person with a mental illness age | 129 | 3.716 | 2 | .155\* |
| Carer gender | 129 | .576 | 1 | .510 |
| Person with a mental illness gender | 129 | 4.039 | 1 | .059\* |
| Carer employment status | 127 | .154 | 1 | .710 |
| Person with a mental illness employment status | 125 | .291 | 1 | .657 |
| Carer marital status | 129 | .218 | 2 | .856 |
| Person with a mental illness marital status | 126 | .633 | 2 | .753 |
| Carer highest education level | 129 | .775 | 2 | .701 |
| Person with a mental illness highest education level | 124 | 2.301 | 2 | .327 |
| Carer ethnicity | 126 | 1.111 | 1 | .391 |
| Person with a mental illness ethnicity | 123 | .548 | 1 | .653 |
| Geographic remoteness | 128 | .052 | 2 | .971 |
| Socioeconomic index of disadvantage | 128 | 2.428 | 2 | .284 |
| Person with a mental illness psychiatric diagnosis | 129 | .332 | 2 | .857 |
| Years caring for person with a mental illness | 127 | 1.737 | 1 | .250 |
| Residing in the same residence | 128 | 1.692 | 1 | .215\* |
| Carer relationship to person with mental illness | 128 | .239 | 1 | .717 |
| Carer smoking status | 129 | 1.226 | 1 | .293 |
| Person with a mental illness smoking status | 129 | .093 | 1 | .849 |
| Quitting smoking positive impact on mental health | 126 | 3.795 | 1 | .068\* |
| Smoking negative impact on mental health | 126 | 3.170 | 1 | .101\* |
|  |  |  |  |  |
| **All settings** |  |  |  |  |
| Carer age | 125 | 3.263 | 2 | .253 |
| Person with a mental illness age | 125 | 1.879 | 2 | .378 |
| Carer gender | 125 | 1.080 | 1 | .366 |
| Person with a mental illness gender | 125 | 1.762 | 1 | .192\* |
| Carer employment status | 124 | .102 | 1 | .851 |
| Person with a mental illness employment status | 121 | .546 | 1 | .495 |
| Carer marital status | 125 | 2.129 | 2 | .287 |
| Person with a mental illness marital status | 122 | 1.123 | 2 | .605 |
| Carer highest education level | 125 | 2.509 | 2 | .300 |
| Person with a mental illness highest education level | 120 | 1.172 | 2 | .586 |
| Carer ethnicity | 122 | .146 | 1 | 1.000 |
| Person with a mental illness ethnicity | 119 | .227 | 1 | .679 |
| Geographic remoteness | 124 | .506 | 2 | .804 |
| Socioeconomic index of disadvantage | 124 | 1.750 | 2 | .484 |
| Person with a mental illness psychiatric diagnosis | 125 | .895 | 2 | .649 |
| Years caring for person with a mental illness | 124 | .524 | 1 | .562 |
| Residing in the same residence | 125 | .401 | 1 | .593 |
| Carer relationship to person with mental illness | 125 | .164 | 1 | .719 |
| Carer smoking status | 125 | 1.513 | 1 | .264 |
| Person with a mental illness smoking status | 125 | .340 | 1 | .572 |
| Quitting smoking positive impact on mental health | 122 | 4.127 | 1 | .064\* |
| Smoking negative impact on mental health | 122 | 3.389 | 1 | .097\* |

# Sample size varies due to missing responses

\* Variables entered into logistic regression model