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# Have the 2018 NSW sentencing reforms reduced the risk of re-offending?

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### **APPENDIX C**

#### Full regression coefficients for results reported in Tables 3 and 4

|  |                     | nding within<br>months | Serious violent, property and drug re-offending within 12 free months |           |  |
|--|---------------------|------------------------|---|-----------|--|
| Outcome Specification                        | Unadjusted Adjusted |                        | Unadjusted  | Adjusted  |  |
| Post-reforms                                 | 0.901 ***           | 0.975                  | 0.903 ***   | 0.992     |  |
|  | (0.021)             | (0.025)                | (0.026)   | (0.032)   |  |
| Male   |                     | 1.087 **               |   | 1.080 *   |  |
|  |                     | (0.035)                |   | (0.042)   |  |
| Age categories (relative to 45 and older)    |                     |                        |   |           |  |
| 18-24  |                     | 1.786 ***              |   | 1.815 *** |  |
|  |                     | (0.072)                |   | (0.093)   |  |
| 25-34  |                     | 1.502 ***              |   | 1.583 *** |  |
|  |                     | (0.057)                |   | (0.077)   |  |
| 35-44  |                     | 1.520 ***              |   | 1.636 *** |  |
|  |                     | (0.061)                |   | (0.083)   |  |
| Aboriginal                                   |                     | 1.314 ***              |   | 1.471 *** |  |
|  |                     | (0.053)                |   | (0.066)   |  |
|  |                     |                        |   |           |  |
| SEIFA Quartile (relative to Most advantaged) |                     |                        |   |           |  |
| Most disadvantaged                           |                     | 1.265 ***              |   | 1.083     |  |
|  |                     | (0.054)                |   | (0.058)   |  |
| Disadvantaged                                |                     | 1.155 ***              |   | 1.062     |  |
|  |                     | (0.050)                |   | (0.058)   |  |
| Advantaged                                   |                     | 1.175 ***              |   | 1.120 *   |  |
|  |                     | (0.061)                |   |           |  |
| Unknown                                      |                     | 0.533 ***              |   | 0.639 *** |  |
|  |                     | (0.047)                |   | (0.072)   |  |

Table C1. Logistic regressions, all offenders

Suggested citation: Donnelly, N., Kim, M-T., Rahman, S., & Poynton, S. (2022). *Have the 2018 NSW sentencing reforms reduced the risk of re-offending?* (Crime and Justice Bulletin No. 246). Sydney: NSW Bureau of Crime Statistics and Research..

|  |            | ending within<br>e months |            | Serious violent, property and drug re-offending within 12 free months |  |  |
|--|------------|---------------------------|------------|---|--|--|
| Outcome Specification                                      | Unadjusted | Adjusted                  | Unadjusted | Unadjusted Adjusted   |  |  |
|  |            |                           |            |   |  |  |
| Bail refused at first appearance (relative to              |            |                           |            |   |  |  |
| On bail/Bail dispensed with/Other)                         |            | 1.251 ***                 |            | 1.352 ***   |  |  |
|  |            | (0.078)                   |            | (0.090)   |  |  |
| Plea (relative to Guilty)                                  |            |                           |            |   |  |  |
| No plea entered / other                                    |            | 2.259 ***                 |            | 2.003 ***   |  |  |
|  |            | (0.079)                   |            | (0.082)   |  |  |
| Not guilty   |            | 1.073                     |            | 1.091   |  |  |
|  |            | (0.057)                   |            | (0.068)   |  |  |
|  |            |                           |            |   |  |  |
|  |            |                           |            |   |  |  |
| Court appearances with a proven offence in                 |            |                           |            |   |  |  |
| 5 years prior to finalisation (relative to 0)              |            |                           |            |   |  |  |
| 1  |            | 2.216 ***                 |            | 1.986 ***   |  |  |
|  |            | (0.081)                   |            | (0.101)   |  |  |
| 2+   |            | 4.381 ***                 |            | 4.094 ***   |  |  |
|  |            | (0.145)                   |            | (0.179)   |  |  |
|  |            |                           |            |   |  |  |
| One or more prison sentences in the 5 years                |            |                           |            |   |  |  |
| prior to finalisation                                      |            | 2.249 ***                 |            | 2.617 ***   |  |  |
|  |            | (0.092)                   |            | (0.111)   |  |  |
| The number of concurrent offences at index (relative to 0) |            |                           |            |   |  |  |
| 1  |            | 1.173 ***                 |            | 1.216 ***   |  |  |
|  |            | (0.040)                   |            | (0.051)   |  |  |
| 2+   |            | 1.406 ***                 |            | 1.454 ***   |  |  |
|  |            | (0.047)                   |            | (0.057)   |  |  |
| Principal offence (relative to Other)                      |            |                           |            |   |  |  |
| Violent principal offence                                  |            | 0.748 ***                 |            | 0.995   |  |  |
|  |            | (0.029)                   |            | (0.047)   |  |  |
| Serious property principal offence                         |            | 1.384 ***                 |            | 2.074 ***   |  |  |
|  |            | (0.056)                   |            | (0.092)   |  |  |
| Any DV-related offence                                     |            | 1.090 *                   |            | 1.346 ***   |  |  |
|  |            | (0.042)                   |            | (0.061)   |  |  |
| Constant   | 0.451 ***  | 0.077 ***                 | 0.205 ***  | 0.026 ***   |  |  |
|  | (0.007)    | (0.004)                   | (0.004)    | (0.002)   |  |  |
| Ν  | 35,392     | 35,390                    | 35,114     | 35,112  |  |  |
| Akaike information criteria                                | 43233.9    | 36213.9                   | 31236.7    | 25952.0   |  |  |

#### Table C1. Logistic regressions, all offenders (Continued)

Note: Coefficients reported as odds ratios (OR).

Standard errors in parentheses

\* p < .05, \*\* p < .01, \*\*\* p < .001

#### Table C2. Logistic regressions, DV offenders

| Table C2. Logistic regressions, DV of                      |                | ending within | Serious violent,                   | property and drug |  |
|--|----------------|---------------|------------------------------------|-------------------|--|
|  | 12 free months |               | re-offending within 12 free months |                   |  |
| Outcome Specification                                      | Unadjusted     | Adjusted      | Unadjusted                         | Adjusted          |  |
| Post-reforms   | 0.867 **       | 0.941         | 0.898                              | 0.988             |  |
|  | (0.045)        | (0.053)       | (0.055)                            | (0.065)           |  |
| Male   |                | 1.247 **      |                                    | 1.128             |  |
|  |                | (0.094)       |                                    | (0.098)           |  |
| Age categories (relative to 45 and older)                  |                |               |                                    |                   |  |
| 18-24  |                | 2.062 ***     |                                    | 2.071 ***         |  |
|  |                | (0.187)       |                                    | (0.221)           |  |
| 25-34  |                | 1.758 ***     |                                    | 1.675 ***         |  |
|  |                | (0.146)       |                                    | (0.166)           |  |
| 35-44  |                | 1.439 ***     |                                    | 1.403 **          |  |
| AL   |                | (0.125)       |                                    | (0.146)           |  |
| Aboriginal   |                | 1.305 ***     |                                    | 1.310 **          |  |
| Accessibility and Demotor and Index of                     |                | (0.097)       |                                    | (0.108)           |  |
| Accessibility and Remoteness Index of                      |                |               |                                    |                   |  |
| Australia (relative to Major cities)<br>Inner regional     |                | 1.162 *       |                                    | 1.011             |  |
|  |                | (0.079)       |                                    | (0.079)           |  |
| Outer regional/Remote(s)                                   |                | 1.225 *       |                                    | 1.009             |  |
| Outer regional/Remote(s)                                   |                | (0.114)       |                                    | (0.107)           |  |
| Unknown  |                | 0.567 **      |                                    | 0.661             |  |
| Chikilowii   |                | (0.118)       |                                    | (0.159)           |  |
| Bail refused at first appearance (relative to              |                | (0.110)       |                                    | (0.133)           |  |
| On bail/Bail dispensed with/Other)                         |                | 1.178         |                                    | 1.267 *           |  |
|  |                | (0.121)       |                                    | (0.139)           |  |
| Plea (relative to Guilty)                                  |                | (01121)       |                                    | (01100)           |  |
| No plea entered / other                                    |                | 1.661 ***     |                                    | 1.694 ***         |  |
|  |                | (0.193)       |                                    | (0.215)           |  |
| Not guilty   |                | 1.002         |                                    | 1.003             |  |
|  |                | (0.090)       |                                    | (0.104)           |  |
| Court appearances with a proven offence in                 |                |               |                                    |                   |  |
| 5 years prior to finalisation (relative to 0)              |                |               |                                    |                   |  |
| 1  |                | 1.926 ***     |                                    | 1.659 ***         |  |
|  |                | (0.154)       |                                    | (0.164)           |  |
| 2+   |                | 3.659 ***     |                                    | 3.077 ***         |  |
|  |                | (0.270)       |                                    | (0.270)           |  |
| One or more prison sentences in the 5 years                |                |               |                                    |                   |  |
| prior to finalisation                                      |                | 1.902 ***     |                                    | 2.315 ***         |  |
|  |                | (0.167)       |                                    | (0.211)           |  |
| The number of concurrent offences at index (relative to 0) |                |               |                                    |                   |  |
| 1  |                | 1.198 *       |                                    | 1.229 *           |  |
|  |                | (0.087)       |                                    | (0.105)           |  |
| 2+   |                | 1.372 ***     |                                    | 1.532 ***         |  |
|  |                | (0.094)       |                                    | (0.120)           |  |
| Principal offence - Assault                                |                | 0.674 ***     |                                    | 0.737 ***         |  |
|  |                | (0.040)       |                                    | (0.051)           |  |
| Constant   | 0.427 ***      | 0.092 ***     | 0.233 ***                          | 0.053 ***         |  |
|  | (0.015)        | (0.010)       | (0.010)                            | (0.007)           |  |
| Ν  | 7,377          | 7,377         | 7,321                              | 7,321             |  |
| Akaike information criteria                                | 8812.7         | 7624.3        | 6933.9                             | 6094.8            |  |

Note: Coefficients reported as odds ratios (OR). Standard errors in parentheses \* p < .05, \*\* p < .01, \*\*\* p < .001

#### Table C3. Logistic regressions, offenders receiving short prison sentences and custodial alternatives

| Table C3. Logistic regressions, offen              | <u> </u>        | ending within    | Serious violent, property and drug |                 |  |  |
|--|-----------------|------------------|------------------------------------|-----------------|--|--|
|  | 12 free months  |                  | re-offending within 12 free months |                 |  |  |
| Outcome Specification                              | Unadjusted      | Adjusted         | Unadjusted                         | Adjusted        |  |  |
| Post-reforms                                       | 0.937           | 1.003            | 0.971                              | 1.068           |  |  |
|  | (0.058)         | (0.069)          | (0.066)                            | (0.081)         |  |  |
| Male   |                 | 1.066            |                                    | 0.988           |  |  |
|  |                 | (0.100)          |                                    | (0.102)         |  |  |
| Age categories (relative to 45 and older)<br>18-24 |                 | 1.710 ***        |                                    | 1.984 ***       |  |  |
| 10-24  |                 | (0.194)          |                                    | (0.255)         |  |  |
| 25-34  |                 | 1.658 ***        |                                    | 1.921 ***       |  |  |
| 2001   |                 | (0.162)          |                                    | (0.217)         |  |  |
| 35-44  |                 | 1.548 ***        |                                    | 1.650 ***       |  |  |
|  |                 | (0.154)          |                                    | (0.190)         |  |  |
| Aboriginal   |                 | 1.485 ***        |                                    | 1.474 ***       |  |  |
|  |                 | (0.130)          |                                    | (0.136)         |  |  |
| Accessibility and Remoteness Index of              |                 |                  |                                    |                 |  |  |
| Australia (relative to Major cities)               |                 |                  |                                    |                 |  |  |
| Inner regional                                     |                 | 0.835 *          |                                    | 0.748 **        |  |  |
|  |                 | (0.069)          |                                    | (0.069)         |  |  |
| Outer regional/Remote(s)                           |                 | 0.877            |                                    | 0.901           |  |  |
|  |                 | (0.108)          |                                    | (0.121)         |  |  |
| Unknown  |                 | 0.871            |                                    | 0.925           |  |  |
| Dellas francisco francisco a constante da la titor |                 | (0.161)          |                                    | (0.192)         |  |  |
| Bail refused at first appearance (relative         |                 | 4 200 ++++       |                                    | 1 100 ++++      |  |  |
| to On bail/Bail dispensed with/Other)              |                 | 1.396 ***        |                                    | 1.489 ***       |  |  |
| Plea (relative to Guilty)                          |                 | (0.123)          |                                    | (0.137)         |  |  |
| No plea entered / other                            |                 | 1.147            |                                    | 1.288           |  |  |
| No plea entereu / other                            |                 | (0.158)          |                                    | (0.188)         |  |  |
| Not guilty   |                 | 0.881            |                                    | 0.875           |  |  |
|  |                 | (0.098)          |                                    | (0.106)         |  |  |
| Court appearances with a proven offence in         |                 |                  |                                    |                 |  |  |
| 5 years prior to finalisation (relative to 0)      |                 |                  |                                    |                 |  |  |
| 1  |                 | 1.858 ***        |                                    | 1.998 ***       |  |  |
|  |                 | (0.247)          |                                    | (0.339)         |  |  |
| 2+   |                 | 4.086 ***        |                                    | 3.923 ***       |  |  |
|  |                 | (0.466)          |                                    | (0.574)         |  |  |
| One or more prison sentences in the 5              |                 |                  |                                    |                 |  |  |
| years prior to finalisation                        |                 | 2.416 ***        |                                    | 2.683 ***       |  |  |
|  |                 | (0.190)          |                                    | (0.224)         |  |  |
| The number of concurrent offences at               |                 |                  |                                    |                 |  |  |
| index (relative to 0)<br>1                         |                 | 1.263 *          |                                    | 1.267           |  |  |
| I  |                 | (0.135)          |                                    | (0.155)         |  |  |
| 2+   |                 | 1.721 ***        |                                    | 1.738 ***       |  |  |
| -  |                 | (0.153)          |                                    | (0.177)         |  |  |
| Principal offence (relative to Other)              |                 |                  |                                    |                 |  |  |
| Violent principal offence                          |                 | 0.981            |                                    | 1.223 *         |  |  |
|  |                 | (0.084)          |                                    | (0.115)         |  |  |
| Serious property principal offence                 |                 | 1.458 ***        |                                    | 1.964 ***       |  |  |
|  |                 | (0.134)          |                                    | (0.192)         |  |  |
| Any DV-related offence                             |                 | 1.178            |                                    | 1.321 **        |  |  |
|  |                 | (0.101)          |                                    | (0.123)         |  |  |
|  |                 |                  |                                    | 0.000           |  |  |
| Constant   | 0.754 ***       | 0.069 ***        | 0.410 ***                          | 0.026 ***       |  |  |
| N  | (0.030)         | (0.011)<br>4,446 | (0.018)                            | (0.005)         |  |  |
| N<br>Akaike information criteria                   | 4,446<br>6061.3 |                  | 4,327<br>5200.7                    | 4,327<br>4384.0 |  |  |
|  | 0001.5          | 5154.3           | 3200.7                             | 4304.U          |  |  |

Note: Coefficients reported as odds ratios (OR). Standard errors in parentheses \* p < .05, \*\* p < .01, \*\*\* p < .001

#### Table C4. Cox regressions, all offenders

| Table C4. Cox regressions, all offend                                       | Free time to first re-offence Free time to first serious viol |           |            |                 |  |
|---|---|-----------|------------|-----------------|--|
|   | (excluding breaches)  |           |            | drug re-offence |  |
| Outcome Specification   | Unadjusted  | Adjusted  | Unadjusted | Adjusted        |  |
| Post-reforms  | 0.935 ***   | 0.981     | 0.943 *    | 1.004           |  |
|   | (0.017)   | (0.018)   | (0.022)    | (0.024)         |  |
| Male  |   | (1.054) * |            | 1.035           |  |
|   |   | (0.023)   |            | (0.030)         |  |
| Age categories (relative to 45 and older)                                   |   |           |            |                 |  |
| 18-24   |   | 1.570 *** |            | 1.618 ***       |  |
|   |   | (0.045)   |            | (0.063)         |  |
| 25-34   |   | 1.369 *** |            | 1.457 ***       |  |
|   |   | (0.037)   |            | (0.054)         |  |
| 35-44   |   | 1.382 *** |            | 1.474 ***       |  |
|   |   | (0.039)   |            | (0.056)         |  |
| Aboriginal  |   | 1.199 *** |            | 1.325 ***       |  |
|   |   | (0.030)   |            | (0.041)         |  |
| SEIFA Quartile (relative to Most advantaged)                                |   |           |            | 1.050           |  |
| Most disadvantaged  |   | 1.178 *** |            | 1.058           |  |
| Disadurate and  |   | (0.036)   |            | (0.043)         |  |
| Disadvantaged   |   | 1.097 **  |            | 1.030           |  |
|   |   | (0.034)   |            | (0.043)         |  |
| Advantaged  |   | 1.135 *** |            | 1.108 *         |  |
|   |   | (0.036)   |            | (0.046)         |  |
| Unknown   |   | 0.629 *** |            | 0.660 ***       |  |
|   |   | (0.042)   |            | (0.059)         |  |
| Bail refused at first appearance (relative to                               |   |           |            |                 |  |
| On bail/Bail dispensed with/Other)  |   |           |            |                 |  |
|   |   | 1.191 *** |            | 1.224 ***       |  |
|   |   | (0.042)   |            | (0.051)         |  |
| Plea (relative to Guilty)   |   |           |            |                 |  |
| No plea entered / other   |   | 1.720 *** |            | 1.676 ***       |  |
|   |   | (0.039)   |            | (0.050)         |  |
| Not guilty  |   | 1.050     |            | 1.061           |  |
|   |   | (0.037)   |            | (0.048)         |  |
| Court appearances with a proven offence in                                  |   |           |            |                 |  |
| 5 years prior to finalisation (relative to 0)                               |   |           |            |                 |  |
| 1   |   | 2.107 *** |            | 2.033 ***       |  |
|   |   | (0.060)   |            | (0.085)         |  |
| 2+  |   | 3.517 *** |            | 3.763 ***       |  |
|   |   | (0.089)   |            | (0.135)         |  |
| One or more prison sentences in the   |   |           |            |                 |  |
| 5 years prior to finalisation   |   | 1.681 *** |            | 2.063 ***       |  |
| <b>T</b> I I C  |   | (0.039)   |            | (0.060)         |  |
| The number of concurrent offences at index                                  |   |           |            |                 |  |
| (relative to 0)   |   |           |            |                 |  |
| 1   |   | 1.117 *** |            | 1.165 ***       |  |
|   |   | (0.026)   |            | (0.036)         |  |
| 2+  |   | 1.222 *** |            | 1.280 ***       |  |
|   |   | (0.027)   |            | (0.037)         |  |
| Principal offence (relative to Other)                                       |   | 0.016 +++ |            | 4.000           |  |
| Violent principal offence   |   | 0.816 *** |            | 1.006           |  |
|   |   | (0.022)   |            | (0.035)         |  |
| Serious property principal offence  |   | 1.229 *** |            | 1.751 ***       |  |
| Amy DV related officers   |   | (0.031)   |            | (0.054)         |  |
| Any DV-related offence  |   | 1.048     |            | 1.252 ***       |  |
| N   | 26 710  | (0.027)   | 26 721     | (0.042)         |  |
| N<br>Akaika information critaria  | 36,718  | 36,716    | 36,721     | 36,719          |  |
| Akaike information criteria<br>Coefficients reported as hazard ratios (HR). | 264532.1  | 256228.8  | 151304.9   | 144890.7        |  |

Coefficients reported as hazard ratios (HR). Standard errors in parentheses. \* p < .05, \*\* p < .01, \*\*\* p < .001

#### Table C5. Cox regressions, DV offenders

| Table C3. Cox regressions, DV offender        | Free time to first re-offence Free time to first serious violent, |                      |                              |                      |  |  |
|---|---|----------------------|------------------------------|----------------------|--|--|
|   | (excluding breaches)  |                      | property and drug re-offence |                      |  |  |
| Outcome Specification                         | Unadjusted  | Adjusted             | Unadjusted                   | Adjusted             |  |  |
| Post-reforms                                  | 0.900 **  | 0.950                | 0.926                        | 0.983                |  |  |
|   | (0.036)   | (0.038)              | (0.045)                      | (0.048)              |  |  |
| Male  |   | 1.145 *              |                              | 1.090                |  |  |
|   |   | (0.062)              |                              | (0.074)              |  |  |
| Age categories (relative to 45 and older)     |   |                      |                              |                      |  |  |
| 18-24   |   | 1.769 ***            |                              | 1.795 ***            |  |  |
|   |   | (0.115)              |                              | (0.145)              |  |  |
| 25-34   |   | 1.576 ***            |                              | 1.571 ***            |  |  |
|   |   | (0.095)              |                              | (0.119)              |  |  |
| 35-44   |   | 1.350 ***            |                              | 1.294 **             |  |  |
|   |   | (0.086)              |                              | (0.103)              |  |  |
| Aboriginal                                    |   | 1.177 ***            |                              | 1.211 **             |  |  |
|   |   | (0.057)              |                              | (0.071)              |  |  |
| Accessibility and Remoteness Index            |   |                      |                              |                      |  |  |
| of Australia (relative to Major cities)       |   |                      |                              |                      |  |  |
| Inner regional                                |   | 1.074                |                              | 1.022                |  |  |
|   |   | (0.050)              |                              | (0.059)              |  |  |
| Outer regional/Remote(s)                      |   | 1.147 *              |                              | 1.082                |  |  |
|   |   | (0.070)              |                              | (0.082)              |  |  |
| Unknown                                       |   | 0.741 *              |                              | 0.714                |  |  |
|   |   | (0.106)              |                              | (0.130)              |  |  |
| Bail refused at first appearance (relative to |   |                      |                              |                      |  |  |
| on bail/bail dispensed with/other)            |   |                      |                              |                      |  |  |
|   |   | 1.078                |                              | 1.153                |  |  |
|   |   | (0.066)              |                              | (0.084)              |  |  |
| Plea (relative to Guilty)                     |   |                      |                              |                      |  |  |
| No plea entered / other                       |   | 1.538 ***            |                              | 1.591 ***            |  |  |
|   |   | (0.115)              |                              | (0.142)              |  |  |
| Not guilty                                    |   | 0.984                |                              | 0.968                |  |  |
|   |   | (0.061)              |                              | (0.075)              |  |  |
| Court appearances with a proven offence in    |   |                      |                              |                      |  |  |
| 5 years prior to finalisation (relative to 0) |   | 1.876 ***            |                              | 1 (05 +++            |  |  |
| 1   |   |                      |                              | 1.695 ***            |  |  |
| 2   |   | (0.116)<br>3.030 *** |                              | (0.135)<br>2.860 *** |  |  |
| 2+  |   | (0.169)              |                              |                      |  |  |
| One or more prison sentences in the           |   | (0.109)              |                              | (0.202)              |  |  |
| 5 years prior to finalisation                 |   | 1.609 ***            |                              | 1.848 ***            |  |  |
| 5 years pror to maisation                     |   | (0.083)              |                              | (0.115)              |  |  |
| The number of concurrent offences at          |   | (0.003)              |                              | (0.115)              |  |  |
| index (relative to 0)                         |   |                      |                              |                      |  |  |
| 1   |   | 1.121 *              |                              | 1.157 *              |  |  |
|   |   | (0.058)              |                              | (0.075)              |  |  |
| 2+  |   | 1.198 ***            |                              | 1.309 ***            |  |  |
|   |   | (0.057)              |                              | (0.077)              |  |  |
| Principal offence - Assault                   |   | 0.721 ***            |                              | 0.739 ***            |  |  |
|   |   | (0.030)              |                              | (0.039)              |  |  |
| N   | 7,767   | 7,767                | 7,767                        | 7,767                |  |  |
| Akaike information criteria                   | 46203.3   | 44735.5              | 30360.5                      | 29314.8              |  |  |
| Coefficients reported as bazard ratios (HP)   |   |                      |                              |                      |  |  |

Coefficients reported as hazard ratios (HR). Standard errors in parentheses. \* p < .05, \*\* p < .01, \*\*\* p < .001

#### Table C6. Cox regressions, offenders sentenced to short prison sentences and custodial alternatives

| Frail Frain Content of State And Content of Sta |                      |                      |            |                      |  |  |
|--|----------------------|----------------------|------------|----------------------|--|--|
|  | (excluding breaches) |                      |            | nd drug re-offence   |  |  |
| Group  | Unadjusted           | Adjusted             | Unadjusted | Adjusted             |  |  |
| Post-reforms   | 0.971                | 0.971                | 1.013      | 1.023                |  |  |
|  | (0.039)              | (0.040)              | (0.050)    | (0.051)              |  |  |
| Male   | (0.000)              | 1.064                | (0.000)    | 1.001                |  |  |
| Wate   |                      | (0.062)              |            | (0.070)              |  |  |
| Age categories (relative to 45 and older)  |                      | (0.002)              |            | (0.070)              |  |  |
| 18-24  |                      | 1.555 ***            |            | 1.697 ***            |  |  |
| 10 24  |                      | (0.110)              |            | (0.149)              |  |  |
| 25-34  |                      | 1.460 ***            |            | 1.579 ***            |  |  |
| 25-54  |                      | (0.090)              |            |                      |  |  |
| 35-44  |                      | 1.393 ***            |            | (0.123)<br>1.448 *** |  |  |
| 55-44  |                      |                      |            |                      |  |  |
| Abericiael   |                      | (0.088)              |            | (0.116)<br>1.270 *** |  |  |
| Aboriginal   |                      | 1.239 ***            |            |                      |  |  |
|  |                      | (0.060)              |            | (0.073)              |  |  |
| Accessibility and Remoteness Index   |                      |                      |            |                      |  |  |
| of Australia (relative to Major cities)  |                      |                      |            |                      |  |  |
| Inner regional   |                      | 0.881 *              |            | 0.813 **             |  |  |
|  |                      | (0.043)              |            | (0.049)              |  |  |
| Outer regional/Remote(s)   |                      | 0.893                |            | 0.941                |  |  |
|  |                      | (0.064)              |            | (0.079)              |  |  |
| Unknown  |                      | 0.888                |            | 0.852                |  |  |
|  |                      | (0.099)              |            | (0.117)              |  |  |
| Bail refused at first appearance (relative to  |                      |                      |            |                      |  |  |
| On bail/Bail dispensed with/Other)   |                      |                      |            |                      |  |  |
|  |                      | 1.267 ***            |            | 1.276 ***            |  |  |
|  |                      | (0.060)              |            | (0.072)              |  |  |
| Plea (relative to Guilty)  |                      | (0.000)              |            | (****=)              |  |  |
| No plea entered / other  |                      | 1.106                |            | 1.160                |  |  |
|  |                      | (0.086)              |            | (0.108)              |  |  |
| Not guilty   |                      | 0.956                |            | 0.925                |  |  |
| Not Build  |                      | (0.063)              |            | (0.074)              |  |  |
| Court appearances with a proven offence in   |                      | (0.003)              |            | (0.07 1)             |  |  |
| 5 years prior to finalisation (relative to 0)  |                      |                      |            |                      |  |  |
| 1  |                      | 1.846 ***            |            | 1.800 ***            |  |  |
| I  |                      |                      |            |                      |  |  |
| 2+   |                      | (0.184)<br>3.240 *** |            | (0.238)<br>3.208 *** |  |  |
| 2+   |                      |                      |            |                      |  |  |
|  |                      | (0.279)              |            | (0.365)              |  |  |
| One or more prison sentences in the  |                      |                      |            | 0.054                |  |  |
| 5 years prior to finalisation  |                      | 1.805 ***            |            | 2.054 ***            |  |  |
|  |                      | (0.082)              |            | (0.114)              |  |  |
| The number of concurrent offences at index   |                      |                      |            |                      |  |  |
| (relative to 0)  |                      |                      |            |                      |  |  |
| 1  |                      | 1.165 *              |            | 1.153                |  |  |
|  |                      | (0.079)              |            | (0.097)              |  |  |
| 2+   |                      | 1.368 ***            |            | 1.393 ***            |  |  |
|  |                      | (0.077)              |            | (0.096)              |  |  |
| Principal offence (relative to Other)  |                      |                      |            |                      |  |  |
| Violent principal offence  |                      | 0.953                |            | 1.128                |  |  |
|  |                      | (0.050)              |            | (0.073)              |  |  |
| Serious property principal offence   |                      | 1.250 ***            |            | 1.659 ***            |  |  |
|  |                      | (0.064)              |            | (0.101)              |  |  |
| Any DV-related offence   |                      | 0.997                |            | 1.087                |  |  |
|  |                      | (0.051)              |            | (0.068)              |  |  |
| Ν  | 5,319                | 5,319                | 5,323      | 5,323                |  |  |
| Akaike information criteria  | 41355.1              | 40194.0              | 28430.3    | 27441.0              |  |  |
| Coefficients reported as hazard ratios (HR).   |                      |                      |            |                      |  |  |

Coefficients reported as hazard ratios (HR). Standard errors in parentheses. \* p < .05, \*\* p < .01, \*\*\* p < .001

#### Table C7. Logistic regressions, new custodial episode within 12 months calendar time

| Table C7. Logistic regressions, new custodial episode within 12 months calendar time<br>Short prison sentences |               |                      |              |                      |                            |                      |  |
|--|---------------|----------------------|--------------|----------------------|----------------------------|----------------------|--|
|  | All offenders |                      | DV offenders |                      | and custodial alternatives |                      |  |
| Group  | Unadjusted    | Adjusted             | Unadjusted   | Adjusted             | Unadjusted                 | Adjusted             |  |
| Specification  | ,             | ,                    | j            | ,<br>,               |                            | ,<br>,               |  |
| Post-reforms   | 0.946         | 1.010                | 0.967        | 1.038                | 1.069                      | 1.067                |  |
|  | (0.028)       | (0.034)              | (0.058)      | (0.068)              | (0.064)                    | (0.068)              |  |
| Male   |               | 1.466 ***            |              | 1.566 ***            |                            | 1.087                |  |
|  |               | (0.066)              |              | (0.154)              |                            | (0.102)              |  |
| Age categories (relative to 45 and older)  |               |                      |              |                      |                            |                      |  |
| 18-24  |               | 1.519 ***            |              | 1.504 ***            |                            | 1.872 ***            |  |
|  |               | (0.083)              |              | (0.161)              |                            | (0.204)              |  |
| 25-34  |               | 1.446 ***            |              | 1.378 ***            |                            | 1.556 ***            |  |
|  |               | (0.073)              |              | (0.134)              |                            | (0.148)              |  |
| 35-44  |               | 1.509 ***            |              | 1.342 **             |                            | 1.428 ***            |  |
|  |               | (0.079)              |              | (0.135)              |                            | (0.140)              |  |
| Aboriginal   |               | 1.605 ***            |              | 1.331 ***            |                            | 1.371 ***            |  |
| A  |               | (0.074)              |              | (0.108)              |                            | (0.107)              |  |
| Accessibility and Remoteness Index of  |               |                      |              |                      |                            |                      |  |
| Australia (relative to Major cities)   |               | 0.005 ++             |              | 0.000                |                            | 0.044 +              |  |
| Inner regional   |               | 0.895 **             |              | 0.960                |                            | 0.844 *              |  |
|  |               | (0.037)<br>0.883 *   |              | (0.075)              |                            | (0.066)              |  |
| Outer regional/Remote(s)   |               |                      |              | 0.831                |                            | 0.723 **             |  |
| Unknown  |               | (0.055)<br>0.632 *** |              | (0.090)<br>0.660     |                            | (0.085)<br>0.706 *   |  |
| UTKHOWH  |               |                      |              |                      |                            |                      |  |
| Bail refused at first appearance (relative to  |               | (0.067)              |              | (0.147)              |                            | (0.119)              |  |
| On bail/Bail dispensed with/Other)   |               |                      |              |                      |                            |                      |  |
| On bail bail dispensed with Other)   |               | 1.527 ***            |              | 1.374 **             |                            | 1 202 ++             |  |
|  |               |                      |              |                      |                            | 1.292 **             |  |
|  |               | (0.089)              |              | (0.133)              |                            | (0.098)              |  |
| Plea (relative to Guilty)  |               |                      |              |                      |                            |                      |  |
| No plea entered / other  |               | 1.861 ***            |              | 1.620 ***            |                            | 0.907                |  |
| No pied entered / other  |               | (0.081)              |              | (0.211)              |                            | (0.118)              |  |
| Not guilty   |               | 1.205 **             |              | 1.186                |                            | 1.041                |  |
|  |               | (0.075)              |              | (0.117)              |                            | (0.106)              |  |
| Court appearances with a proven offence in   |               | ()                   |              |                      |                            | ()                   |  |
| 5 years prior to finalisation (relative to 0)  |               |                      |              |                      |                            |                      |  |
| 1  |               | 2.134 ***            |              | 1.782 ***            |                            | 1.396 *              |  |
|  |               | (0.125)              |              | (0.186)              |                            | (0.195)              |  |
| 2+   |               | 4.717 ***            |              | 3.351 ***            |                            | 2.407 ***            |  |
|  |               | (0.236)              |              | (0.309)              |                            | (0.284)              |  |
| One or more prison sentences in the 5 years  |               |                      |              |                      |                            |                      |  |
| prior to finalisation  |               | 2.759 ***            |              | 2.461 ***            |                            | 2.176 ***            |  |
| The sumbar of the second   |               | (0.113)              |              | (0.209)              |                            | (0.158)              |  |
| The number of concurrent offences at index   |               |                      |              |                      |                            |                      |  |
| (relative to 0)  |               | 1005                 |              | 1 000                |                            | 1 074                |  |
| 1  |               | 1.205 ***            |              | 1.090                |                            | 1.071                |  |
| 2+   |               | (0.054)              |              | (0.097)<br>1.626 *** |                            | (0.113)              |  |
| 2+   |               | 1.606 ***            |              |                      |                            | 1.496 ***<br>(0.129) |  |
| Principal offence (relative to Other)  |               | (0.064)              |              | (0.126)              |                            | (0.129)              |  |
| Principal offence (relative to Other)<br>Violent principal offence   |               | 0.827 ***            |              |                      |                            | 0.793 **             |  |
| violent principal orience  |               | (0.040)              |              |                      |                            | (0.065)              |  |
| Serious property principal offence   |               | (0.040)<br>1.5 ***   |              |                      |                            | 1.214 *              |  |
|  |               | (0.069)              |              |                      |                            | (0.100)              |  |
| Any DV-related offence   |               | 1.604 ***            |              |                      |                            | 1.529 ***            |  |
|  |               | (0.074)              |              |                      |                            | (0.122)              |  |
| Principal offence - Assault  |               | . /                  |              | 0.583 ***            |                            |                      |  |
|  |               |                      |              | (0.041)              |                            |                      |  |
| Constant   | 0.166 ***     | 0.016 ***            | 0.215 ***    | 0.040 ***            | 0.404 ***                  | 0.062 ***            |  |
|  | (0.003)       | (0.001)              | (0.009)      | (0.006)              | (0.016)                    | (0.010)              |  |
| Ν  | 36,941        | 36,939               | 7,820        | 7,820                | 5,443                      | 5,443                |  |
| Akaike information criteria  | 29815.6       | 24048.6              | 7248.6       | 6144.4               | 6597.7                     | 5963.8               |  |
| Coefficients reported as odds ratios (OR).   |               |                      |              |                      |                            |                      |  |

Coefficients reported as odds ratios (OR). Standard errors in parentheses. \* p < .05, \*\* p < .01, \*\*\* p < .001

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