



24 May 2013

Joshua Grainger
fyi-request-501-39300459@requests.fyi.org.nz

Dear Mr Grainger

I refer to your post on fyi.org website dated 10 October 2012 in which you comment that your request under the Official Information Act 1982 (OIA) for information in relation to the RoC*RoI (risk of reconviction/risk of imprisonment) measure was not fully responded to. I apologise for the delay in responding.

Specifically, you advise that information relating to the source-code, algorithm and variables of RoC*RoI was not complete. We acknowledge that our earlier response dated 10 October 2012 did not fully address all your matters. The Office of the Ombudsman has advised that your request has been refined to just include the algorithm for RoC*RoI.

Please find enclosed a copy of the algorithm for RoC*RoI. The RoC*RoI is a tool used to predict the likelihood of an offender committing further offences. It is a computer-based statistical model that uses criminal history and demographic information to assess the risk of re-offending by classifying individuals into risk groups or categories. Each risk category shows the probability of reconviction within the next five years, the likely seriousness of the re-offending and the likelihood of imprisonment.

The RoC*RoI measures and weighs up a number of factors, including gender, age at first conviction, previous convictions and age at subsequent convictions, time in the corrections system, time between offences, seriousness of previous offending, type of previous offending, and current offence.

I trust the information provided is of assistance to you.

Yours sincerely

Nikki Reynolds
Chief Psychologist
Service Development