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Research Article

Modelling vulnerability to gambling related harm: How disadvantage predicts gambling losses

Angela C. Rintoul , Charles Livingstone, Andrew P. Mellor & Damien Jolley Pages 329-338 | Received 01 Apr 2012, Accepted 03 Sep 2012, Published online: 24 Oct 2012

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density of EGMs confounds the relationship between losses and disadvantage. In this

model, 40% of the apparent effect of disadvantage is explained by the density of EGMs. The vulnerability surface reflects socioeconomic patterns across Melbourne. EGM vulnerability is clustered (Moran's Index 0.52; p < 0.001). High levels of EGM density in disadvantaged areas are contributing to a disproportionate share of EGM losses in already disadvantaged neighbourhoods. Regulation of EGMs could be improved to better protect vulnerable neighbourhoods from EGM harm.

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