Targeting an experiment

New Zealand

$N_{cont} = 6021$ $N_{exp} = 5979$

$X_{cont} = 302$ $X_{exp} = 374$

$\hat{p}_{cont} = \frac{X_{cont}}{N_{cont}} = 5.1\%$

$\hat{p}_{exp} = \frac{X_{exp}}{N_{exp}} = 6.3\%$

$\hat{p}_{pool} = \frac{X_{cont} + X_{exp}}{N_{cont} + N_{exp}}$

$SE_{pool} = \sqrt{\hat{p}_{pool}(1-\hat{p}_{pool})\left(\frac{1}{N_{cont}} + \frac{1}{N_{exp}}\right)} = 0.0042$

Other

$N_{cont} = 50{,}000$

$X_{cont} = 2500$

$N_{exp} = 50{,}000$

$X_{exp} = 2500$

Global

$SE_{pool} =$ 0.0013

Is there a statistically significant difference ($\alpha = 0.05$) in:

New Zealand	Globally
(•) Yes	( ) Yes
( ) No	(•) No

View Intro

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