

























## **Results – predictors of steroid thoughts**

Predictor	β	SE β	Wald X <sup>2</sup>	р
Age (years)	0.004	0.001	13.817	< .001
Body Mass Index	0.003	0.003	1.181	.277
Height (cm)	0.005	0.002	6.738	.009
Sexual orientation	-0.020	0.019	1.184	.277
Cultural background (majorityref/minority)	-0.052	0.028	3.363	.067
Muscularity dissatisfaction	0.213	0.015	177.867	< .001
Body fat dissatisfaction	-0.105	0.018	32.986	< .001
Height dissatisfaction	0.069	0.017	14.875	< .001
Penis size dissatisfaction	-0.012	0.014	0.674	.412
Eating disorder symptoms	0.224	0.032	45.610	< .001
Psychological quality of life	-0.002	0.001	8.373	.004

Predictor	β	SE β	OR	Wald X <sup>2</sup>	р
Age (years)	0.027	0.008	1.029	12.193	< .001
Body Mass Index	0.035	0.019	1.036	3.442	.064
Height (cm)	-0.011	0.014	0.014	0.616	.433
Sexual orientation	-0.087	0.131	0.131	0.439	.508
Cultural background (majorityref/minority)	0.545	0.191	0.191	8.167	.004
Muscularity dissatisfaction	0.196	0.122	0.122	2.583	.108
Body fat dissatisfaction	-0.440	0.126	0.126	12.260	< .001
Height dissatisfaction	0.145	0.116	0.116	1.557	.212
Penis size dissatisfaction	-0.124	0.096	0.096	1.683	.195
Eating disorder symptoms	0.625	0.207	0.207	9.130	.002
Psychological quality of life	-0.006	0.004	0.004	1.661	.197

## Discussion

- Psychopathology related to body image and eating disorders are associated with anabolic steroid use amongst sexual minority men living in Australia and New Zealand
- Sexual minority men from minority cultural backgrounds (i.e., non-Australian/New Zealander) were more likely to use anabolic steroids (7.0% vs. 4.2%)
- Geosocial-networking smartphone application (GNSA) advertisements are a method for recruiting large numbers of sexual minority men with excellent geographical representation
  (< 1 AUD / participant)</li>

## **Discussion – limitations**

- Prevalence estimates not entirely unbiased; still mentioned 'body image' and 'body preferences'
- Potential for legitimate anabolic steroid use (i.e., medically prescribed) to be misanalysed as illegitimate/illicit
- Cross-sectional study design







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