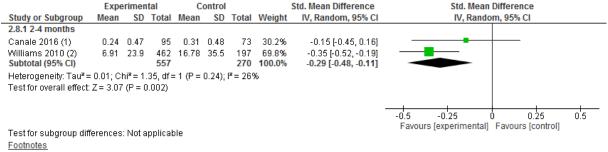
Supplementary 6 – Meta-analysis

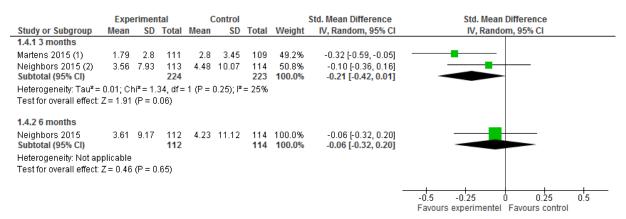
The effect of long educational intervention. Outcome: gambling frequency, follow up 2-4 months.



(1) Authers contacted to get mean and SD: gambling days per 30 days

(2) gambling days per 90 days

PN compared to control (no intervention). Changes in the severity of problem gambling among university students at 3 and 6 months follow-up.



<u>Footnotes</u>

(1) CPGI (0-4 low risk, 5-7 moderate, 8- high risk)

(2) SOGS (max score 20)

PN compared to no intervention. Outcome: Gambling frequency.

•								•	•
	Exp	eriment	tal	(Control			Mean Difference	Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
1.1.3 3 months									
Cunningham 2012 (1)	11.3	8.6	70	8.9	6.2	69	36.9%	2.40 [-0.09, 4.89]	-
Martens 2015 (2)	3.45	3.42	111	3.57	3.46	109	58.7%	-0.12 [-1.03, 0.79]	-
Neighbors 2015 (3)	20.42	51.72	113	14.77	25.09	114	4.4%		
Subtotal (95% CI)			294			292	100.0%	1.07 [-1.25, 3.38]	•
Heterogeneity: Tau ² = 2.	16; Chi²	= 4.49,	df = 2 (P = 0.11); $I^2 = 5$	5%			
Test for overall effect: Z =	= 0.90 (P	9 = 0.37)							
1.1.4 6 months									
Cunningham 2012 (4)	9.3	8.3	70	8.6	6.6	69	92.8%	0.70 [-1.79, 3.19]	-
Neighbors 2015 (5)	15.33	42.27	112	11.92	23.31	114	7.2%	3.41 [-5.51, 12.33]	
Subtotal (95% CI)			182			183	100.0%	0.90 [-1.50, 3.30]	*
Heterogeneity: Tau ² = 0.1				P = 0.57	$(); I^2 = 0)$	%			
Test for overall effect: Z=	= 0.73 (P	9 = 0.46)							
1.1.5 12 months									
Cunningham 2012	10.9	9.1	70	9.7	7.6	69	100.0%	1.20 [-1.59, 3.99]	-
Subtotal (95% CI)			70			69	100.0%	1.20 [-1.59, 3.99]	◆
Heterogeneity: Not appli	cable								
Test for overall effect: Z=	= 0.84 (P	= 0.40)							
								-	-10 -5 0 5 10
									Favours Experimental Favours control

- Footnotes
 (1) days gambled the last 30 days
 (2) days gambled preceding 60 days.
 (3) days gambled the past year
 (4) days gambled the last 30 days
 (5) days gambled the past year

PN compared to no intervention. Outcome: dollar lost/loss

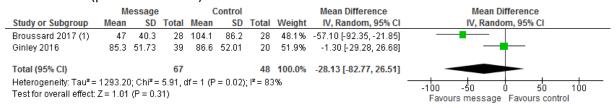
	Experimental			Control				Mean Difference	Mean Difference			
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI			
4.1.1 3 months												
Cunningham 2012 (1)	432	514.3	70	334.8	418.6	69	23.0%	97.20 [-58.59, 252.99]				
Neighbors 2015 (2)	22.58	54.79	113	33	70.32	114	77.0%	-10.42 [-26.81, 5.97]				
Subtotal (95% CI)			183			183	100.0%	14.36 [-74.44, 103.16]	•			
Heterogeneity: Tau ² = 2596.99; Chi ² = 1.81, df = 1 (P = 0.18); i ² = 45%												
Test for overall effect: Z =	0.32 (P	= 0.75)										
4.1.2 6 months												
Auer 2016	0	0	0	0	0	0		Not estimable				
Cunningham 2012 (3)	361.8	476.9	70	327.2	420.7	69	1.7%	34.60 [-114.85, 184.05]	 -			
Neighbors 2015 (4)	16.57	40.58	113	34.82	98.47	114	98.3%	-18.25 [-37.81, 1.31]				
Subtotal (95% CI)			183			183	100.0%	-17.36 [-36.76, 2.04]	•			
Heterogeneity: Tau ^z = 0.00; Chi ^z = 0.47, df = 1 (P = 0.49); i ^z = 0%												
Test for overall effect: Z=	: 1.75 (P	= 0.08)										
4.4.2.42												
4.1.3 12 months									<u> </u>			
Cunningham 2012	378.4	476	70 70	348.8	468.3	69 69	100.0%	29.60 [-127.38, 186.58] 29.60 [-127.38, 186.58]				
Subtotal (95% CI)			70			09	100.0%	29.00 [-127.38, 180.38]				
Heterogeneity: Not applicable Test for overall effect: Z = 0.37 (P = 0.71)												
restror overall effect: Z=	: U.37 (P	= 0.71)										
									-500 -250 Ó 250 5ÓO			
Toot for outgroup diffora	nooo: Cl	hiz = 0.7	0 df=	270 - 0) 67\ IZ.	- 0.0%			Favours [experimental] Favours [control]			

Test for subgroup differences: $Chi^2 = 0.79$, df = 2 (P = 0.67), $I^2 = 0\%$

Footnotes

- (1) total dollar spent past 30 days
- (2) quantity loss
 (3) total dollar spent past 30 days
 (4) quantity loss

Pop up message. Outcome: Number of spins during the gambling session for people who gambled on slot machines (post intervention).



Footnotes

(1) unclear from the study how many participants in each group, we assume that it was equal