Corrigendum: Is adolescent e-cigarette use associated with smoking in the United Kingdom?: A systematic review with meta-analysis

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Corrigendum on: Is adolescent e-cigarette use associated with smoking in the United Kingdom?: A systematic review with meta-analysis By Adewale Aladeokin, Catherine Haighton Tobacco Prevention and Cessation, Volume 5, Issue April, Pages 1-13 Publish date: 22 April 2019 DOI: https://doi.org/10.18332/tpc/108553

An error in data entry occurred during the production of Figure 3 in the manuscript, as the authors accidentally entered the published adjusted ORs from three included studies as Log Odds in the generic inverse variance meta-analysis. Correcting the error shows that the OR remains significant: 3.86; p<0.00001 instead of 26.01[5.35, 126.44]. The conclusions were based on the meta-analysis of unadjusted ORs which was higher than this (OR: 5.55). However, as people are reportedly dying from severe lung - related illnesses tied to e-cigarettes and many countries are banning e-cigarettes it remains important to review the evidence that is currently available.

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KEYWORDS

adolescent, e-cigarette, United Kingdom, systematic review, smoking

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Figure 3: Meta-analysis based on adjusted odds ratios

The figure is the following:

-		-	E users at follow up	Non E users at follow up		Odds Ratio		Odds Ratio				
Study or Subgroup	log[Odds Ratio]	SE	Total	Total	Weight	IV, Random, 95% Cl	IV, Random, 95% CI			4		
Best et al., 2017	2.42	0.5	183	1942	53.2%	11.25 [4.22, 29.96]					-	
Conner et al., 2017	4.06	0.67	343	1383	45.7%	57.97 [15.59, 215.55]				-		_
East et al., 2017	10.57	7.69	21	902	1.1%	38948.67 [0.01, 1.368E11]						\longrightarrow
Total (95% CI)			547	4227	100.0%	26.01 [5.35, 126.44]						
Heterogeneity: Tau² = 0.97; Chi² = 4.81, df = 2 (P = 0.09); l² = 58%							0.001	01	-	10		1000
Test for overall effect: Z = 4.04 (P < 0.0001)								0.1		10		1000

The correct figure should be:

				Odds Ratio	Odds		
Study or Subgroup	log[Odds Ratio]	SE	Weight	IV, Random, 95% CI	IV, Rando		
Best et al., 2017	0.8838	0.2026	40.3%	2.42 [1.63, 3.60]		-	
Conner et al., 2017	1.4012	0.1641	43.3%	4.06 [2.94, 5.60]			
East et al., 2017	2.358	0.5885	16.4%	10.57 [3.34, 33.50]			-
Total (95% CI)			100.0%	3.86 [2.18, 6.82]		•	
Heterogeneity: Tau ² =	0.17; Chi ² = 7.66	, df = 2 (10	100		
Test for overall effect:	Z = 4.64 (P < 0.0)	0001)	Non-E-Cigarette use	E-Cigarette use	100		

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