

Title	The use of a dietary quality score as a predictor of childhood overweight and obesity
Authors	Perry, Catherine P.;Keane, Eimear;Layte, Richard;Fitzgerald, Anthony P.;Perry, Ivan J.;Harrington, Janas M.
Publication date	2015-06-24
Original Citation	PERRY, C. P., KEANE, E., LAYTE, R., FITZGERALD, A. P., PERRY, I. J. & HARRINGTON, J. M. 2015. The use of a dietary quality score as a predictor of childhood overweight and obesity. BMC Public Health, 15: 581, 1-9. http://dx.doi.org/10.1186/s12889-015-1907-y
Type of publication	Article (peer-reviewed)
Link to publisher's version	10.1186/s12889-015-1907-y
Rights	© 2015 Perry et al.; licensee BioMed Central Ltd. 2015. This is an Open Access article distributed under the terms of the Creative Commons Attribution License (http://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly credited. The Creative Commons Public Domain Dedication waiver (http://creativecommons.org/publicdomain/zero/1.0/) applies to the data made available in this article, unless otherwise stated. - http://creativecommons.org/licenses/by/4.0/
Download date	2026-09-15 16:38:03
Item downloaded from	https://hdl.handle.net/10468/2192



UCC

University College Cork, Ireland
 Coláiste na hOllscoile Corcaigh

Additional file 3: Prevalence odds ratios for overweight and obesity with frequency of consumption of individual foods component of parent reported DQS

OR (95 % CI)		Model 1 †		Model 2 ††	
		Overweight	Obese	Overweight	Obese
Water	Eaten once	0.89 (0.68 1.15)	1.25 (0.83 1.89)	0.90 (0.69 1.19)	1.25 (0.81 1.92)
	Eaten > once	1.15 (0.93 1.42)	1.14 (0.81 1.61)	1.22 (0.97 1.53)	1.32 (0.92 1.90)
Fresh fruit	Eaten once	1.16 (0.97 1.39)	1.22 (0.90 1.64)	1.17 (0.96 1.42)	1.35 (0.97 1.87)
	Eaten > once	1.00 (0.84 1.20)	0.85 (0.62 1.16)	1.02 (0.84 1.24)	1.13 (0.80 1.59)
Fruit juice	Eaten once	1.06 (0.87 1.29)	1.14 (0.85 1.52)	1.05 (0.86 1.29)	1.12 (0.81 1.54)
	Eaten > once	1.09 (0.89 1.33)	0.90 (0.66 1.23)	1.10 (0.90 1.35)	0.98 (0.70 1.37)
Cooked veg	Eaten once	0.98 (0.83 1.16)	0.86 (0.66 1.13)	1.01 (0.84 1.20)	0.98 (0.74 1.30)
	Eaten > once	0.85 (0.69 1.05)	0.60 (0.43 0.83)	0.90 (0.72 1.12)	0.79 (0.56 1.13)
Raw veg	Eaten once	1.09 (0.91 1.32)	0.60 (0.44 0.83)	1.07 (0.88 1.31)	0.66 (0.47 0.93)
	Eaten > once	0.92 (0.68 1.25)	0.55 (0.34 0.91)	0.87 (0.62 1.23)	0.54 (0.32 0.93)
Meat/ chicken/ fish	Eaten once	1.09 (0.77 1.55)	0.87 (0.54 1.39)	1.11 (0.77 1.58)	1.02 (0.60 1.71)
	Eaten > once	0.98 (0.69 1.40)	0.64 (0.40 1.05)	1.02 (0.71 1.48)	0.84 (0.49 1.44)
Eggs	Eaten once	1.02 (0.85 1.22)	1.02 (0.75 1.39)	0.97 (0.80 1.17)	1.01 (0.72 1.39)
	Eaten > once	0.76 (0.51 1.12)	0.83 (0.46 1.50)	0.74 (0.48 1.13)	0.87 (0.46 1.65)
Cereals	Eaten once	0.82 (0.66 1.01)	0.67 (0.49 0.92)	0.85 (0.68 1.07)	0.74 (0.53 1.04)
	Eaten > once	0.71 (0.56 0.91)	0.45 (0.31 0.65)	0.78 (0.61 1.01)	0.50 (0.34 0.75)
Potato/ pasta/ rice	Eaten once	0.90 (0.73 1.10)	0.81 (0.58 1.12)	0.89 (0.72 1.10)	0.94 (0.66 1.34)
	Eaten > once	0.88 (0.69 1.11)	0.56 (0.38 0.83)	0.93 (0.73 1.19)	0.65 (0.42 1.00)
Bread	Eaten once	1.00 (0.76 1.33)	1.13 (0.72 1.78)	1.10 (0.82 1.46)	1.36 (0.83 2.22)
	Eaten > once	0.85 (0.64 1.14)	0.84 (0.53 1.35)	0.97 (0.73 1.30)	1.06 (0.64 1.75)
Full cream milk	Eaten once	0.70 (0.58 0.85)	0.61 (0.46 0.81)	0.68 (0.56 0.83)	0.65 (0.48 0.88)
	Eaten > once	0.66 (0.56 0.78)	0.44 (0.34 0.58)	0.70 (0.59 0.84)	0.53 (0.39 0.71)
Skimmed milk	Eaten once	1.79 (1.36 2.34)	2.09 (1.44 3.05)	1.75 (1.31 2.33)	1.90 (1.26 2.87)
	Eaten > once	1.76 (1.40 2.21)	1.74 (1.20 2.52)	1.86 (1.46 2.36)	1.89 (1.27 2.82)
Cheese/ yoghurt	Eaten once	1.05 (0.89 1.23)	0.79 (0.60 1.05)	1.07 (0.90 1.27)	0.84 (0.62 1.14)
	Eaten > once	0.96 (0.80 1.16)	0.79 (0.58 1.10)	1.00 (0.81 1.22)	0.85 (0.60 1.20)
Low fat cheese/ yoghurt	Eaten once	1.77 (1.36 2.29)	2.22 (1.56 3.14)	1.66 (1.25 2.21)	1.84 (1.23 2.73)
	Eaten > once	1.66 (1.07 2.58)	2.14 (1.19 3.82)	1.75 (1.08 2.83)	2.23 (1.18 4.20)
Meat pie sausage	Eaten once	0.97 (0.83 1.15)	1.24 (0.96 1.59)	0.97 (0.82 1.15)	1.06 (0.81 1.39)
	Eaten > once	0.96 (0.66 1.38)	1.50 (0.94 2.39)	0.95 (0.64 1.41)	1.29 (0.77 2.17)
Hot chips	Eaten once	1.12 (0.97 1.29)	1.17 (0.92 1.50)	0.97 (0.83 1.13)	0.88 (0.68 1.15)
	Eaten > once	1.37 (0.87 2.16)	1.24 (0.66 2.31)	1.18 (0.69 2.01)	0.75 (0.36 1.55)
Crisps/ savoury snacks	Eaten once	0.97 (0.83 1.13)	1.00 (0.77 1.30)	0.92 (0.78 1.08)	0.97 (0.74 1.28)
	Eaten > once	0.92 (0.74 1.15)	0.64 (0.43 0.94)	0.84 (0.66 1.07)	0.50 (0.33 0.75)
Biscuits/ chocolate	Eaten once	0.75 (0.63 0.90)	0.65 (0.50 0.85)	0.82 (0.68 0.98)	0.69 (0.51 0.92)
	Eaten > once	0.69 (0.57 0.84)	0.62 (0.46 0.84)	0.74 (0.61 0.91)	0.67 (0.48 0.93)
Regular soft drinks	Eaten once	1.16 (0.97 1.37)	0.99 (0.76 1.30)	1.08 (0.91 1.30)	0.83 (0.62 1.10)
	Eaten > once	1.00 (0.84 1.19)	1.02 (0.76 1.38)	0.87 (0.72 1.05)	0.79 (0.57 1.10)
Diet soft drinks	Eaten once	1.29 (1.05 1.58)	2.01 (1.48 2.71)	1.20 (0.96 1.50)	1.69 (1.21 2.35)
	Eaten > once	1.39 (1.09 1.77)	2.63 (1.85 3.73)	1.37 (1.06 1.78)	2.12 (1.47 3.05)

Reference category for each food component was not eaten at all over the past 24 hours. †Unadjusted regression †† Adjusted for gender, parent's education, child's PA, child's T.V. viewing, parent's BMI. All individual food components were analysed in separate models with the outcome and confounders.