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.(Peek-Asa et al. 1999)

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[(Langley et al. 2000)

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(Broyles et al. 2001)

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$\chi^2 = 13.18$	/	/		$\chi^2 = 40.93$	/	/	
P-Value = 0.01	/	/		P-Value < 0.0001	/	/	
Linear-by-Linear				Linear-by-Linear			
Association = 12.57	/	/		Association = 31.43	/	/	
P-value < 0.0001	/	/		P-value < 0.0001	/	/	
	/	/			/	/	
$\chi^2 = 10.22$	/	/		$\chi^2 = 33.65$	/	/	
P-Value = 0.001				P-Value < 0.0001	/	/	
OR= 1.99				OR= 0.28			
%95CI OR= (1.30, 3.05)	/	/		%95CI OR= (0.18, 0.44)			
$\chi^2 = 82.41$	/	/		$\chi^2 = 14.97$	/	/	BMI
P-Value < 0.0001	/	/		P-Value = 0.002	/	/	
OR= 9.13				Linear-by-Linear			
%95CI OR=(5.44, 15.31)				Association = 11.81	/	/	
$\chi^2 = 17.17$	/	/		P-value = 0.001			
P-Value < 0.0001	/	/			/	/	
OR= 0.34				$\chi^2 = 70.60$	/	/	
%95CI OR= (0.20, 0.58)				P-Value < 0.0001			
$\chi^2 = 9.48$	/	/		Linear-by-Linear	/	/	
P-Value = 0.002	/	/		Association = 70.15	/	/	
OR=2.09				P-value < 0.0001	/	/	
%95CI OR= (1.27,3.45)							
$\chi^2 = 45.80$	/	/		$\chi^2 = 27.69$	/	/	
P-Value < 0.0001	/	/		P-Value < 0.0001	/	/	
	/	/		Linear-by-Linear	/	/	
				Association = 10.20	/	/	
				P-value = 0.001			
$\chi^2 = 64.04$	/	/	/	$\chi^2 = 8.78$	/	/	Km/h
P-Value < 0.0001	/	/	/	P-Value = 0.003	/	/	Km/h
OR= 10.29				OR= 1.86			
%95CI OR=(5.37,19.69)				%95CI OR=(1.23,2.82)			

$\chi^2 = 0.05$	/	/		$\chi^2 = 0.14$	/	/	
P-Value = 0.82	/	/		P-Value = 0.70	/	/	
OR= 0.90	/	/		OR= 1.10	/	/	
%95CI OR=(0.33,2.46)				%95CI OR=(0.67, 1.80)			
$\chi^2 = 14.97$	/	/	BMI	$\chi^2 = 3.12$	/	/	
P-Value = 0.002	/	/		P-Value = 0.07	/	/	
Linear-by-Linear	/	/		OR= 1.48	/	/	
Association = 11.81				%95CI OR=(0.95, 2.28)			
P-value = 0.001	/	/		$\chi^2 = 0.11$	/	/	cc
	/	/		P-Value = 0.74			
	/	/		OR= 1.09	/	/	
				%95CI OR=(0.63, 1.89)			
$\chi^2 = 70.60$	/	/		$\chi^2 = 0.69$	/	/	
P-Value < 0.0001	/	/		P-Value = 0.87	/	/	
Linear-by-Linear	/	/			/	/	
Association = 70.15	/	/			/	/	
P-value < 0.0001	/	/			/	/	
$\chi^2 = 64.04$	/	/			/	/	
P-Value < 0.0001	/	/		$\chi^2 = 0.46$	/	/	
OR= 10.29	/	/		P-Value = 0.49			
%95CI				OR= 0.79			
OR=(5.37,19.69)				%95CI OR=(0.40, 1.55)	/	/	
$\chi^2 = 27.69$	/	/					
P-Value < 0.0001	/	/		$\chi^2 = 3.21$	/	/	
Linear-by-Linear	/	/		P-Value = 0.07	/	/	
Association = 10.20	/	/		OR= 0.51	/	/	
P-value = 0.001	/	/		%95CI OR=(0.24, 1.07)			
	/	/		$\chi^2 = 9.48$	/	/	
			Km/h	P-Value = 0.002			
$\chi^2 = 8.78$	/	/		OR=2.09	/	/	
P-Value = 0.003	/	/		%95CI OR=	/	/	
OR= 1.86			Km/h	(1.27,3.45)			
%95CI OR=(1.23,2.82)							

- and Prevention*, **35**(2), pp.183–189.
- Langley, J., Mullin, B. and Jackson, R., 2000. Motorcycle engine size and risk of moderate to fatal injury from a motorcycle crash. *Accident Analysis and Prevention*, **32**(5), pp.659–663.
- Lam, L.T., 2000. Factors associated with parental safe road behaviour as a pedestrian with young children in metropolitan New South Wales Australia. *Accident Analysis and Prevention*, **33**(2), pp.203–210.
- Peek-Asa, C., McArthur, D. and Kraus, J., 1999. The prevalence of non-standard helmet use and head injuries among motorcycle riders. *Accident Analysis and Prevention*, **31**(3), pp.229–233.
- Reeder, A. Ia., Alsop, J.C. and Langley, J.D., 1999. An evaluation of the general effect of the New Zealand graduated driver licensing system on motorcycle traffic crash hospitalizations”. *Accident Analysis and Prevention*, **31**(3), pp.651–661.
- Roung Lin, M., Hui Changb, S. and Paic, L., 2003. A longitudinal study of risk factors for motorcycle crashes among junior college students in Taiwan. *Accident Analysis and Prevention*, **35**(2), pp.243–252.
- Turner, C., Clure, R. M. and Pirozzo, S., 2004. Injury and risk-taking behavior-a systematic review. *Accident Analysis and Prevention*, **36**(1), pp.93–101.
- Valent, F., Schiava, F. and Savonitto, C., 2002. Risk factors for fatal road traffic accidents in Udine, Italy. *Accident Analysis and Prevention*, **34**(1), pp.71–84.
- Broyles, R.W., Clarke, S.R. and Narine, L., 2001. Factors contributing to the amount of vehicular damage resulting from collisions between four-wheel drive vehicles and passenger, *Accident Analysis and Prevention*, **33**(5), pp.673–678.
- Dissanayake, S. and John, Lu. J., 2002. Factors influential in making an injury severity difference to older drivers involved in fixed object passenger car crashes. *Accident Analysis and Prevention*, **34**(50), pp.609–618.
- Ichikawa, M., Chadbunchachai, W. and Marui, E., 2003. Effect of the helmet act for motorcyclists in Thailand. *Accident Analysis*