

SDC 5: Risk ratio estimates describing the associations between indicators of social media use and Altmetric scores from OLS linear regression models

Models	All articles		Without outliers	
	(5)	(6)	(7)	(8)
Variables	Unadjusted RR	Adjusted RR	Unadjusted RR	Adjusted RR
Journal impact factor	78.7	-59.2	86.3	-49.4
	[-54.4 - 211.7]	[-138.2 - 19.7]	[-55.0 - 227.6]	[-135.4 - 36.5]
Distinguished	152.5	58.2	166.7	67.0
	[-74.4 - 379.4]	[-99.4 - 215.8]	[-91.6 - 425.0]	[-132.3 - 266.2]
Article age (months)	-0.2**	-0.2***	-0.2**	-0.2***
	[-0.4 - -0.0]	[-0.3 - -0.1]	[-0.4 - -0.0]	[-0.3 - -0.1]
Twitter followers, first author (thousands)	-0.4	-0.4	-28.7	-35.3*
	[-2.3 - 1.5]	[-1.5 - 0.8]	[-71.3 - 13.8]	[-73.3 - 2.8]
Twitter followers, journal (thousands)		36.2***		35.1***
		[22.5 - 49.9]		[19.9 - 50.3]
Twitter tweets, journal (thousands)		-1.9		-0.3
		[-7.8 - 4.1]		[-7.3 - 6.7]
Constant	-64.9	151.2**	-76.4	136.7*
	[-294.4 - 164.7]	[21.7 - 280.6]	[-319.0 - 166.2]	[-6.1 - 279.5]
Observations	100	100	98	98
R-squared	0.3	0.4	0.4	0.4

RR = risk ratio

Robust 95% confidence intervals in brackets

*** $p < 0.01$, ** $p < 0.05$, * $p < 0.1$