

Appendixes

Table A. Broad subject areas of the WoS Science journals with at least one citation from UK newspapers during 2006-2015.

Essential Science Indicators category	Daily Mail (n=847)	Daily Telegr. (n=731)	Times (n=702)	Daily Mirror (n=324)	Guardi. (n=442)	Indepen. (n=413)	Herald (n=374)	Sun (n=198)	%Total (n=4,031)
Clinical Med.	40.7%	31.1%	32.9%	40.4%	33.7%	32.7%	34.2%	49.5%	35.8%
Neurosci. & Behav.	9.2%	10.4%	9.5%	9.9%	7.5%	6.5%	7.8%	9.1%	8.9%
Social Sci., Gen.	5.9%	7.3%	7.3%	8.3%	8.8%	7.3%	6.4%	7.6%	7.2%
Plant/Anim. Sci	4.1%	6.4%	6.1%	3.1%	6.6%	8.0%	7%	2.5%	5.7%
Molec. Bio & Gen	4.7%	5.2%	4.7%	5.9%	5.9%	7.0%	8%	3%	5.5%
Bio & Biochem.	6.1%	5.9%	5.4%	5.6%	4.1%	5.1%	5.9%	4%	5.5%
Psychiat./Pscyco.	5.7%	5.6%	5.1%	6.2%	5.7%	4.1%	5.3%	5.6%	5.4%
Environ. Sci	3%	4.5%	3.6%	1.9%	5%	5.3%	4.8%	2%	3.8%
Agri. Sci.	4.6%	3.4%	3.7%	4.9%	2.3%	1.9%	2.1%	6.6%	3.6%
Geoscience	1.4%	2.9%	3.8%	1.9%	5.4%	4.8%	4.3%	1.5%	3.2%
Immunology	3.3%	3%	3.1%	2.2%	2.7%	2.7%	1.6%	2%	2.8%
Pharmacology	3.2%	2.1%	2.4%	1.5%	2.3%	1.9%	2.4%	2.5%	2.4%
Multidisciplinary	1.2%	1.4%	1.7%	2.5%	2%	2.7%	2.4%	2%	1.8%
Chemistry	1.3%	2.2%	2%	1.5%	1.6%	2.9%	1.1%	1%	1.8%
Physics	0.7%	1.9%	1.7%	0.6%	0.7%	1.5%	2.4%	0%	1.3%
Engineering	1.2%	1.6%	2%	0.3%	1.1%	1.0%	0.5%	0.5%	1.2%
Microbiology	1.2%	1.6%	1.3%	1.2%	0.9%	1.0%	1.1%	0%	1.2%
Material Sci.	1.3%	1.4%	1%	0.9%	0.5%	0.7%	1.1%	0.5%	1.0%
Space Sci.	0.6%	0.8%	0.9%	0.6%	1.6%	0.7%	1.3%	0%	0.8%
Economics	0.4%	0.7%	0.6%	0.6%	0.9%	1.0%	0%	0%	0.5%
Mathematics	0.2%	0.7%	0.7%	0%	0.5%	1.2%	0%	0%	0.5%
Computer Sci.	0%	0%	0.4%	0%	0.5%	0.0%	0.3%	0%	0.1%

Table B. Broad subject areas of WoS Social Science journals with at least one citation in UK newspapers during 2006-2015.

Essential Science Indicators category	Daily Mail (n=309)	Daily Telegr. (n=304)	Times (n=276)	Daily Mirror (n=57)	Guardi. (n=221)	Indepen. (n=132)	Herald (n=100)	Sun (n=48)	%Total (n=1,447)
Psychiat./Psycho.	50.5%	45.1%	43.1%	49.1%	31.2%	31.8%	48%	54.2%	43.2%
Social Sci., Gen.	27.8%	33.9%	38%	31.6%	52.9%	44.7%	30%	29.2%	36.8%
Econ. & Bus.	10%	12.8%	9.8%	5.3%	9.5%	13.6%	7%	8.3%	10.4%
Clinical Med.	6.8%	3.9%	5.4%	10.5%	3.6%	6.1%	11%	6.3%	5.8%
Neurosci. & Behav.	2.9%	3%	2.5%	1.8%	1.8%	2.3%	3%	0%	2.5%
Environ./Ecology	1.3%	0.7%	0.4%	1.8%	0.9%	0.8%	1%	2.1%	0.9%
Engineering	0.6%	0.7%	0.7%	0%	0%	0.8%	0%	0%	0.5%

Table C. 20 Science journals with the most citations in the eight UK newspapers during 2006-2015 based on ProQuest UK Newsstand.

The Daily Mail		The Times		The Daily Telegraph		The Daily Mirror	
BRIT MED J	11.81%(622)	BRIT MED J	11.79%(483)	BRIT MED J	16.26%(684)	BRIT MED J	18.98%(272)
NATURE	4.2%(221)	SCIENCE	7.35%(301)	NATURE	5.99%(252)	NATURE	5.51%(79)
PLOS ONE	3.32%(175)	NATURE	7.08%(290)	SCIENCE	5.78%(243)	SCIENCE	4.12%(59)
SCIENCE	2.89%(152)	JAMA	4.2%(172)	PLOS ONE	3.47%(146)	NEW ENGL J MED	3.21%(46)
NEW ENGL J MED	2.51%(132)	NEW ENGL J MED	3.91%(160)	NEW ENGL J MED	2.78%(117)	BRIT J CANCER	2.44%(35)
AM J CLIN NUTR	1.82%(96)	PLOS ONE	3.05%(125)	CURR BIOL	1.74%(73)	AM J CLIN NUTR	2.02%(29)
JAMA	1.77%(93)	CURR BIOL	1.73%(71)	JAMA	1.55%(65)	JAMA	2.02%(29)
LANCET	1.48%(78)	BRIT J SPORT MED	1.54%(63)	NEUROLOGY	1.28%(54)	NEUROLOGY	1.95%(28)
NEUROLOGY	1.44%(76)	LANCET	1.17%(48)	LANCET	0.95%(40)	PLOS ONE	1.81%(26)
CURR BIOL	1.22%(64)	AM J CLIN NUTR	1.05%(43)	BRIT J SPORT MED	0.95%(40)	EUR HEART J	1.47%(21)
BRIT J CANCER	1.12%(59)	J EPIDEM COMM H	0.98%(40)	BRIT J CANCER	0.9%(38)	BRIT J SPORT MED	1.26%(18)
AM J EPIDEMIOL	1.04%(55)	J R SOC MED	0.83%(34)	NAT GENET	0.86%(36)	BMJ OPEN	1.12%(16)
HUM REPROD	0.91%(48)	NEUROLOGY	0.76%(31)	J NEUROSCI	0.86%(36)	INT J OBESITY	1.12%(16)
PEDIATRICS	0.89%(47)	NAT MED	0.73%(30)	J EPIDEM COMM H	0.86%(36)	AM J EPIDEMIOL	1.12%(16)
J NEUROSCI	0.78%(41)	EUR HEART J	0.73%(30)	EUR HEART J	0.76%(32)	J NUTR	0.91%(13)
SCI TRANSL MED	0.76%(40)	J NEUROSCI	0.73%(30)	BMJ OPEN	0.74%(31)	LANCET ONCOL	0.84%(12)
PLOS MED	0.74%(39)	BRIT J PSYCHIAT	0.68%(28)	AM J CLIN NUTR	0.74%(31)	BRIT J PSYCHIAT	0.84%(12)
INT J OBESITY	0.72%(38)	PEDIATRICS	0.68%(28)	LANCET ONCOL	0.71%(30)	BRIT J DERMATOL	0.84%(12)
BRIT J SPORT MED	0.66%(35)	J CLIN ONCOL	0.66%(27)	BRIT J PSYCHIAT	0.71%(30)	CURR BIOL	0.77%(11)
EUR HEART J	0.65%(34)	LANCET ONCOL	0.61%(25)	NEURON	0.62%(26)	NAT COMMUN	0.7%(10)
The Guardian		The Independent		The Sun		The Herald	
BRIT MED J	19.34%(465)	BRIT MED J	17.76%(411)	BRIT MED J	22.31%(118)	BRIT MED J	16.18%(244)
NATURE	9.4%(226)	NATURE	12.83%(297)	SCIENCE	2.65%(14)	NATURE	6.5%(98)
SCIENCE	8.57%(206)	SCIENCE	11.97%(277)	BRIT J SPORT MED	2.46%(13)	SCIENCE	4.91%(74)
NEW ENGL J MED	4.24%(102)	NEW ENGL J MED	4.32%(100)	NATURE	2.27%(12)	NEW ENGL J MED	2.32%(35)
LANCET	2.79%(67)	CURR BIOL	1.99%(46)	AM J CLIN NUTR	2.27%(12)	CURR BIOL	1.99%(30)

PLOS ONE	1.91%(46)	PLOS ONE	1.9%(44)	NEUROLOGY	2.08%(11)	BRIT J CANCER	1.99%(30)
JAMA	1.75%(42)	LANCET	1.94%(45)	NEW ENGL J MED	1.7%(9)	NAT GENET	1.86%(28)
BRIT J CANCER	1.33%(32)	JAMA	1.51%(35)	J EPIDEM COMM H	1.7%(9)	JAMA	1.66%(25)
BRIT J PSYCHIAT	1.21%(29)	J EPIDEM COMM H	1.17%(27)	PLOS ONE	1.51%(8)	J EPIDEM COMM H	1.66%(25)
J EPIDEM COMM H	1.04%(25)	NAT GENET	1.12%(26)	LANCET	1.51%(8)	LANCET ONCOL	1.39%(21)
CURR BIOL	1%(24)	NAT MED	0.95%(22)	J SEX MED	1.32%(7)	NAT MED	1.33%(20)
BRIT J SPORT MED	0.96%(23)	BRIT J PSYCHIAT	0.86%(20)	BMJ OPEN	0.95%(5)	NEUROLOGY	1.19%(18)
LANCET ONCOL	0.87%(21)	NAT CLIM CHANGE	0.82%(19)	JAMA	0.95%(5)	LANCET	1.06%(16)
J R SOC MED	0.87%(21)	NAT GEOSCI	0.82%(19)	LANCET ONCOL	0.95%(5)	NAT COMMUN	0.99%(15)
LANCET INFECT DIS	0.83%(20)	BRIT J SPORT MED	0.82%(19)	LANCET INFECT DIS	0.95%(5)	PLOS ONE	0.99%(15)
BMJ OPEN	0.75%(18)	BMJ OPEN	0.78%(18)	EUR HEART J	0.95%(5)	BMJ OPEN	0.99%(15)
GEOPHYS RES LETT	0.75%(18)	LANCET ONCOL	0.73%(17)	INT J EPIDEMIOL	0.95%(5)	NAT CLIM CHANGE	0.99%(15)
AM J CLIN NUTR	0.71%(17)	LANCET INFECT DIS	0.65%(15)	J NEUROSCI	0.95%(5)	NAT GEOSCI	0.93%(14)
BIOL LETT-UK	0.71%(17)	EUR HEART J	0.65%(15)	AM J EPIDEMIOL	0.95%(5)	BRIT J SPORT MED	0.93%(14)
J MED ETHICS	0.71%(17)	HUM REPROD	0.65%(15)	HUM REPROD	0.95%(5)	BRIT J PSYCHIAT	0.86%(13)

Table D. 20 Social Science journals with the most citations in the eight UK newspapers during 2006-2015 based on ProQuest UK Newsstand.

The Daily Mail		The Times		The Daily Telegraph		The Daily Mirror	
PSYCHOL SCI	9.6%(110)	J EPIDEM COMM H	11.6%(32)	PSYCHOL SCI	10%(94)	BRIT J PSYCHIAT	9.2%(8)
J EPIDEM COMM H	3.7%(42)	BRIT J PSYCHIAT	10.5%(29)	J EPIDEM COMM H	3.6%(34)	J EPIDEM COMM H	5.75%(5)
BRIT J PSYCHIAT	3.1%(35)	J CONSUM RES	9%(25)	BRIT J PSYCHIAT	3.5%(33)	PSYCHOL SCI	4.6%(4)
J CONSUM RES	2.5%(29)	J ARCHAEOLOG SCI	9%(25)	J PERS SOC PSYCHOL	2.9%(27)	AM J PSYCHIAT	3.45%(3)
J PERS SOC PSYCHOL	2.4%(27)	AM J PSYCHIAT	8.7%(24)	J CONSUM RES	2.9%(27)	TOB CONTROL	3.45%(3)
PERS INDIV DIFFER	2.1%(24)	PSYCHOL SCI	7.6%(21)	ECON J	2.8%(26)	J CONSUM RES	3.45%(3)
ECON J	1.6%(18)	J PERS SOC PSYCHOL	6.9%(19)	CHILD DEV	2.1%(20)	NAT CLIM CHANGE	2.3%(2)
AM J PUBLIC HEALTH	1.5%(17)	ECON J	6.5%(18)	NAT CLIM CHANGE	2%(19)	EPIDEMIOLOGY	2.3%(2)
EVOL PSYCHOL	1.4%(16)	J AM GERIATR SOC	5.1%(14)	J MED ETHICS	1.7%(16)	DEPRESS ANXIETY	2.3%(2)
ARCH GEN PSYCHIAT	1.3%(15)	AM J PUBLIC HEALTH	3.6%(10)	AM J PSYCHIAT	1.5%(14)	J PERS SOC PSYCHOL	2.3%(2)
AM J PSYCHIAT	1.2%(14)	ANTIQUITY	3.6%(10)	AM J PUBLIC HEALTH	1.4%(13)	J AM GERIATR SOC	2.3%(2)
J AM GERIATR SOC	1.2%(14)	BRIT J PSYCHOL	3.2%(9)	J EXP SOC PSYCHOL	1.3%(12)	INT J DRUG POLICY	2.3%(2)
SOC SCI MED	1.2%(14)	J ADOLESCENT HEALTH	2.9%(8)	J FAM PSYCHOL	1.3%(12)	BRIT J PSYCHOL	2.3%(2)
PSYCHOSOM MED	1.1%(13)	J MED ETHICS	2.9%(8)	BRIT J PSYCHOL	1.2%(11)	PSYCHOPATHOLOGY	2.3%(2)
J EXP SOC PSYCHOL	1.1%(13)	NAT CLIM CHANGE	2.5%(7)	PERS INDIV DIFFER	1.2%(11)	J MARRIAGE FAM	2.3%(2)
J MARRIAGE FAM	1.1%(13)	J EXP SOC PSYCHOL	2.5%(7)	J ADOLESCENT HEALTH	1.1%(10)	J MED ETHICS	2.3%(2)
INTELLIGENCE	1%(12)	J AM ACAD CHILD PSY	2.2%(6)	INTELLIGENCE	0.9%(8)	TRENDS COGN SCI	1.15%(1)
BRIT J PSYCHOL	1%(12)	J CHILD PSYCHOL PSYC	2.2%(6)	FRONT PSYCHOL	0.9%(8)	JAMA PSYCHIAT	1.15%(1)
J MED ETHICS	1%(12)	ADDICTION	2.2%(6)	J PUBLIC HEALTH-UK	0.9%(8)	ADDICTION	1.15%(1)
J FAM PSYCHOL	1%(12)	INTELLIGENCE	2.2%(6)	EMOTION	0.7%(7)	J CONSULT CLIN PSYCH	1.15%(1)
The Guardian		The Independent		The Sun		The Herald	
BRIT J PSYCHIAT	5.8%(28)	J EPIDEM COMM H	8.7%(23)	J EPIDEM COMM H	9.6%(7)	J EPIDEM COMM H	12.4%(25)
J EPIDEM COMM H	4.9%(24)	NAT CLIM CHANGE	7.2%(19)	PSYCHOL SCI	6.8%(5)	NAT CLIM CHANGE	7.5%(15)
ECON J	3.7%(18)	BRIT J PSYCHIAT	6.1%(16)	TOB CONTROL	5.5%(4)	BRIT J PSYCHIAT	5.5%(11)
J MED ETHICS	3.5%(17)	ECON J	4.9%(13)	BRIT J PSYCHIAT	4.1%(3)	J MED ETHICS	4%(8)

NAT CLIM CHANGE	3.1%(15)	PSYCHOL SCI	3%(8)	HEALTH PSYCHOL	4.1%(3)	J PUBLIC HEALTH-UK	3%(6)
FOREIGN AFF	2.1%(10)	AM J PUBLIC HEALTH	2.7%(7)	J MED ETHICS	4.1%(3)	ADDICTION	2.5%(5)
AM J PUBLIC HEALTH	1.7%(8)	J MED ETHICS	2.3%(6)	AM J PSYCHIAT	2.7%(2)	TOB CONTROL	2%(4)
J CONSUM RES	1.7%(8)	J CHILD PSYCHOL PSYC	1.9%(5)	ADDICTION	2.7%(2)	PSYCHOL SCI	2%(4)
BRIT J SOCIOL	1.7%(8)	J PERS SOC PSYCHOL	1.9%(5)	J CONSUM RES	2.7%(2)	AM J PUBLIC HEALTH	2%(4)
AM J PSYCHIAT	1.4%(7)	BRIT J SOCIOL	1.9%(5)	J SEX RES	2.7%(2)	BRIT J PSYCHOL	2%(4)
J PERS SOC PSYCHOL	1.4%(7)	B ATOM SCI	1.5%(4)	EUR J PUBLIC HEALTH	2.7%(2)	J PERS SOC PSYCHOL	1.5%(3)
BRIT J PSYCHOL	1.4%(7)	AM J PSYCHIAT	1.1%(3)	ANTIQUITY	2.7%(2)	EUR J PUBLIC HEALTH	1.5%(3)
PSYCHOL SCI	1.2%(6)	J AM GERIATR SOC	1.1%(3)	NAT CLIM CHANGE	1.4%(1)	J ARCHAEO SCI	1.5%(3)
J PUBLIC HEALTH-UK	1.2%(6)	J CONSUM RES	1.1%(3)	JAMA PSYCHIAT	1.4%(1)	ARCH GEN PSYCHIAT	1.5%(3)
J CHILD PSYCHOL PSYC	1%(5)	J SEX RES	1.1%(3)	LANCET PSYCHIAT	1.4%(1)	JAMA PSYCHIAT	1%(2)
ADDICTION	1%(5)	FOREIGN AFF	1.1%(3)	PSYCHOL MED	1.4%(1)	J CHILD PSYCHOL PSYC	1%(2)
BRIT J POLIT SCI	1%(5)	BRIT J PSYCHOL	1.1%(3)	HEALTH AFFAIR	1.4%(1)	J PSYCHIATR RES	1%(2)
ENERG POLICY	1%(5)	PERS INDIV DIFFER	1.1%(3)	DEPRESS ANXIETY	1.4%(1)	J AM GERIATR SOC	1%(2)
SOC SCI MED	1%(5)	LANCET GLOB HEALTH	0.8%(2)	INT J EAT DISORDER	1.4%(1)	CHILD DEV	1%(2)
PERS INDIV DIFFER	1%(5)	TOB CONTROL	0.8%(2)	EUR J PERSONALITY	1.4%(1)	J CONSUM RES	1%(2)

Table E. 50 most frequently used keywords in the headlines of news stories with at least one citation to a Science journal.

Daily Mail (no.)	Daily Telegraph (no.)	Times (no.)	Daily Mirror (no.)	Guardian (no.)	Independent (no.)	Herald (no.)	Sun
risk (552)	cancer (500)	cancer (243)	cancer (148)	science (203)	cancer (133)	cancer (191)	risk (26)
cancer (519)	risk (498)	risk (227)	risk (143)	health (199)	scientist (126)	risk (164)	cancer (23)
heart (271)	help (242)	drug (138)	health (61)	risk (189)	risk (115)	scientist (105)	pill (18)
help (221)	heart (225)	heart (116)	help (48)	scientist (184)	drug (87)	drug (58)	kid (15)
woman (208)	scientist (208)	scientist (114)	heart (48)	research (172)	life (57)	warn (58)	cure (13)
baby (184)	child (205)	help (105)	cut (46)	cancer (157)	health (56)	heart (54)	health (13)
child (178)	drug (184)	woman (99)	pill (42)	drug (121)	heart (56)	gene (52)	fat (13)
cut (173)	woman (176)	man (93)	drug (36)	woman (101)	doctor (54)	breast (51)	help (12)
drug (166)	life (167)	child (88)	hope (35)	doctor (93)	gene (51)	disease (50)	heart (11)
pill (157)	doctor (157)	test (86)	breast (34)	child (90)	disease (49)	patient (49)	diabetes (10)
health (152)	breast (151)	doctor (86)	test (34)	warn (82)	human (48)	diabetes (49)	kill (9)
man (143)	baby (151)	gene (86)	kid (32)	heart (74)	help (46)	hope (48)	brain (9)
life (138)	patient (118)	baby (84)	diet (27)	help (72)	warn (45)	treatment (48)	life (9)
breast (137)	disease (118)	disease (83)	baby (27)	death (71)	child (68)	health (47)	drug (9)
test (132)	gene (114)	hope (81)	death (26)	NHS (70)	woman (54)	life (41)	drink (7)
eat (113)	man (111)	breast (80)	cure (26)	disease (67)	test (42)	child (57)	diet (7)
gene (109)	test (107)	patient (79)	brain (26)	baby (56)	brain (42)	doctor (36)	baby (7)
brain (104)	health (105)	health (72)	fear (26)	life (56)	hope (40)	woman (36)	fear (7)
diet (101)	brain (103)	brain (63)	food (25)	debate (54)	baby (39)	fear (32)	stop (6)
blood (97)	nature (97)	people (57)	stroke (24)	breast (52)	climate (39)	death (30)	body (6)
drink (96)	death (94)	cure (53)	fight (24)	man (51)	NHS (38)	drink (30)	mum (6)
attack (95)	hope (89)	warn (51)	Alzheimer (22)	treatment (48)	breast (38)	brain (30)	girl (6)
Alzheimer (95)	obese (87)	fat (51)	child (22)	patient (48)	obese (37)	test (29)	jab (6)
diabetes (93)	diet (83)	diabetes (49)	eat (21)	gene (48)	death (36)	obese (26)	food (6)
doctor (92)	drink (79)	death (48)	gene (21)	human (48)	global (36)	diet (23)	death (5)

patient (91)	food (76)	drink (46)	pain (21)	climate (45)	cell (32)	prostate (23)	booze (5)
fat (91)	pill (76)	pill (46)	fat (20)	cell (44)	treatment (31)	baby (22)	breast (5)
cure (87)	attack (75)	attack (45)	woman (19)	drink (41)	warm (31)	attack (22)	sex (5)
disease (79)	eat (73)	diet (45)	drink (18)	effect (41)	work (30)	smoke (22)	right (5)
sleep (78)	blood (70)	food (42)	patient (18)	cause (40)	science (30)	people (21)	NHS (5)
pain (76)	Alzheimer (68)	cause (42)	diabetes (18)	wellbeing (38)	diet (28)	NHS (21)	bug (5)
prostate (73)	warn (67)	blood (42)	man (18)	obese (38)	drink (27)	blood (21)	hair (5)
warn (70)	treatment (66)	suffer (41)	obese (17)	food (37)	Alzheimer (26)	bird (20)	gene (5)
dementia (68)	mother (65)	pain (41)	danger (15)	brain (37)	food (26)	suffer (19)	water (5)
scientist (68)	cell (64)	work (40)	attack (15)	pill (31)	attack (25)	food (19)	hope (5)
death (66)	cause (63)	treatment (38)	work (14)	diabetes (30)	flu (25)	depress (19)	mobile (5)
jab (64)	diabetes (62)	weight (37)	sex (14)	water (30)	patient (25)	vitamin (19)	woman (4)
girl (63)	pain (62)	flu (37)	stop (14)	benefit (29)	eat (23)	danger (18)	oil (4)
hope (63)	exercise (61)	eat (36)	NHS (13)	genet (29)	man (47)	sleep (18)	obese (4)
food (63)	NHS (60)	prostate (36)	body (13)	warm (28)	pill (22)	Alzheimer (18)	asthma (4)
stroke (62)	research (60)	mother (35)	prostate (13)	stem (27)	birth (22)	GP (17)	lung (4)
cell (60)	danger (59)	Alzheimer (34)	asthma (13)	birth (26)	diabetes (21)	flu (17)	climate (4)
kill (56)	healthy (59)	danger (34)	mum (13)	attack (26)	fat (20)	pill (17)	sleep (4)
asthma (55)	weight (59)	obese (33)	coffee (13)	flu (26)	fish (20)	genet (16)	game (4)
harm (53)	human (57)	dementia (32)	kill (12)	vaccine (26)	dinosaur (19)	weight (16)	stroke (4)
depress (53)	cure (54)	depress (32)	dementia (12)	smoke (25)	ice (19)	exercise (16)	tea (3)
danger (53)	fight (54)	genet (31)	jab (11)	ice (25)	sea (19)	fish (16)	pain (3)
obese (52)	dementia (54)	fight (30)	slim (11)	ill (25)	kill (18)	man (19)	sick (3)
mother (50)	lose (52)	lose (30)	cell (11)	diet (24)	pregnancy (18)	MS (15)	cream (3)
weight (49)	prostate (51)	fish (30)	warn (11)	fossil (24)	smoke (18)	dementia (15)	superbug (3)

Table F. The 20 most frequently used keywords in the headlines of news stories with at least one citation to a Social Science journal.

Daily Mail (no.)	Daily Telegraph (no.)	Times (no.)	Daily Mirror (no.)	Guardian (no.)	Independent (no.)	Herald (no.)	Sun
woman (89)	woman (58)	child (51)	health (12)	nation (35)	child (12)	risk (12)	man (4)
man (81)	child (52)	woman (29)	risk (6)	education (31)	people (11)	woman (12)	drug (3)
child (71)	man (46)	risk (23)	child (6)	health (31)	home (10)	health (11)	pill (3)
help (62)	risk (33)	help (23)	life (5)	science (27)	risk (8)	smoke (11)	risk (3)
risk (51)	baby (32)	age (20)	diet (4)	work (27)	scientist (8)	drink (10)	love (3)
health (51)	scientist (28)	man (19)	memory (4)	woman (23)	climate (7)	help (9)	sex (3)
girl (49)	happy (24)	depress (18)	woman (4)	child (22)	help (7)	child (8)	life (3)
mother (39)	health (24)	people (17)	depress (4)	society (18)	drug (7)	life (7)	age (3)
depress (37)	love (23)	girl (15)	Alzheimer (3)	risk (18)	school (5)	suicide (7)	woman (3)
life (36)	mother (20)	brain (15)	drink (3)	scientist (18)	cause (5)	alcohol (6)	birth (2)
baby (36)	brain (19)	live (15)	wine (3)	weekend (17)	warn (5)	mental (6)	mind (2)
love (33)	girl (19)	work (15)	happy (3)	live (17)	birth (5)	drug (6)	good (2)
sex (30)	parent (19)	life (14)	brain (3)	life (15)	global (5)	warm (6)	health (2)
drink (28)	people (17)	health (13)	cancer (3)	mental (14)	depress (5)	pregnant (6)	cheer (2)
work (28)	marriage (16)	dementia (13)	work (3)	people (14)	life (5)	depress (5)	walk (2)
happy (26)	heart (15)	patient (12)	smoke (3)	love (14)	NHS (5)	patient (5)	diabetes (2)
heart (25)	drink (14)	love (12)	man (3)	man (14)	suffer (5)	young (5)	orgasm (2)
cancer (24)	cut (14)	teenage (12)	suicide (2)	drug (12)	success (5)	cigarette (5)	ban (2)
brain (24)	mind (14)	drink (11)	warn (2)	death (11)	law (4)	death (5)	body (2)

Table G. Cohen's kappa agreement statistics for 5 broad content analysis categories of newspaper stories citing Science journals (n=360).

Coders	Reason for citing journals (research/non-research)				The coverage of research in news (brief/extensive)				Sources used in news (single/multiple)				Sentiment of research in news (good/bad/other)				Research quality judgment (low/high/other)			
	Aver.	A-C	A-B	B-C	Aver.	A-C	A-B	B-C	Aver.	A-C	A-B	B-C	Aver.	A-C	A-B	B-C	Aver.	A-C	A-B	B-C
Daily Mail	1	1	1	1	0.679	0.653	0.719	0.665	0.557	0.394	0.817	0.46	0.609	0.615	0.585	0.628	0.455	0.457	0.45	0.457
Daily Mirror	**	**	**	**	0.556	0.576	0.455	0.636	0.555	0.47	0.729	0.467	0.732	0.732	0.833	0.63	0.505	0.486	0.656	0.372
Daily Teleg.	1	1	1	1	0.541	0.497	0.540	0.585	0.415	0.233	0.743	0.27	0.648	0.592	0.658	0.693	**	**	**	**
Guard	0.692	0.76	0.622	0.692	0.693	0.827	0.596	0.657	0.46	0.273	0.706	0.40	0.567	0.509	0.59	0.603	0.179	0.253	-0.04	0.325
Herald	0.771	0.656	0.656	1	0.245	0.482	0.064	0.189	0.268	0.129	0.577	0.097	0.81	0.821	0.787	0.823	-0.011	0	0	-0.032
Indep.	0.856	0.897	0.897	0.775	0.611	0.776	0.449	0.609	0.236	0.172	0.492	0.043	0.695	0.766	0.661	0.659	0.476	0.552	0.381	0.497
Sun	0.644	0.791	0.656	0.486	0.715	0.737	0.573	0.836	0.534	0.408	0.76	0.435	0.714	0.629	0.778	0.736	0.77	0.656	0.656	1
Times	0.841	0.889	0.877	0.756	0.506	0.783	0.314	0.423	0.461	0.321	0.683	0.378	0.528	0.448	0.612	0.524	0.134	0.481	-0.039	-0.039

**= undefined due to complete agreement between coders on a single category.