

Multimedia Appendix 2: Infodemiology and Infoveillance: A Scoping Review

Table A1 consists of the topics and subtopics (#publications) in infodemiology and infoveillance (2009-2018), while Figure 1 consists of the respective subtopics' pie charts.

Table A1. Topics and subtopics in infodemiology and infoveillance (2009-2018).

Category	(%)	Topics	#	Category	(%)	Topics	#
Drugs	10.36%	Drugs (general)	(7)	Cancer	6.80%	Cancer (general)	(6)
		Drug Abuse/Misuse	(6)			Breast Cancer	(5)
		Cannabis/Marijuana	(5)			Skin Cancer	(2)
		Adverse Drug Reactions	(5)			Lung Cancer	(2)
		Illicit Drugs	(5)			Malignancies	(2)
		Pharmaceutical Drugs	(3)			Oncology	(1)
		Dabbing	(1)			Cervical Cancer	(1)
		Antibiotics	(1)			Colorectal Cancer	(1)
		Psychoactive Agents	(1)			Stomach cancer	(1)
		Reformulated OxyContin	(1)			Gynecologic cancer	(1)
						Alternative Medicines and Cancer	(1)
Conditions Diseases	17.16%	Diabetes	(8)	Epidemics Outbreaks	15.68%	Influenza	(27)
		Multiple Sclerosis	(6)			Zika	(5)
		Conditions/Diseases/Health general	(6)			Measles	(4)
		Epilepsy	(5)			dengue	(3)
		Lupus	(2)			H1N1	(2)
		Asthma	(2)			H7N9	(2)
		Lyme Disease	(2)			Norovirus	(2)
		Neurology	(2)			Mayaro virus	(1)
		Dementia	(2)			Ebola	(1)
		Stroke	(2)			West-Nile Virus	(1)
						Rubella	(1)
						Cholera	(1)
						Acute Diarrhea	(1)
						Mass Casualty Incidents and Epidemic	(1)
						Disease Outbreaks in Mass Gatherings	(1)
Mental Health	8.28%	Depression	(8)	Mother Child	2.66%	Birth Stories	(1)
		Suicide	(7)			Abortion	(1)
		Stress	(3)			“Mommy Blogs” and the Vaccination	(1)
		Mental Health general	(3)			Perinatal Deaths	(1)
		Schizophrenia	(2)			Pregnant Women	(1)
		Sleep issues	(1)			Sudden Infant Death Syndrome	(1)
		Non-suicidal self-injury (NSSI)	(1)			Children’s Pain and Sleep	(1)
		Mental disorders	(1)			Cochrane Child Health	(1)
psychogenic nonepileptic seizures	(1)	Common Cold Symptoms in Children	(1)				
Cycling Mood Disorders	(1)					Fitness/Exercise	(5)
Infectious Diseases	7.99%	HIV/AIDS	(8)	Diet Fitness Obesity Lifestyle	4.14%	Physical Activity	(3)
		HPV	(6)			Diet/Nutrition	(3)
		STDs	(5)			Obesity/Weight Loss	(2)
		Syphilis	(2)	Health Care Hospitals/Patients	11.54%	Lifestyle	(1)
		Tuberculosis,	(2)			Performance/Evaluation/Rating	(21)
		Staphylococcus aureus (MRSA),	(1)			Dissemination/Integration	(18)
		Herpes Zoster Vaccination	(1)				
Infectious diseases	(1)					Radiation	(3)
Meningitis	(1)					Obamacare	(2)
						Ethics	(2)
Smoking Alcohol	8.58%	Smoking/Tobacco	(11)	Miscellaneous	9.76%	(STAP) Cell Case	(2)
		electronic cigarette/vaping	(10)			Various ²	(24)
		Hookah	(4)				
		Cigarettes/Cigars	(2)				
		alcohol	(2)				

¹Autism spectrum disorders; antiphospholipid syndrome; Attention Deficit Hyperactivity Disorder; B12-related symptoms; Whiplash; Crohn’s Disease; rheumatology; silicosis; Fibromyalgia; Heart Failure Self-Care Management; Hirschsprung’s Disease; Hypertension; Inflammatory Bowel Disease; Lynch Syndrome; Migraine-Headache Suffering; movement disorders; Thyroid Hormone; Tinnitus; Parkinson

²Anticoagulation in the Periprocedural Period; workplace compassion; Foodborne Illness; Ironman Triathlon; New York Storm; Sandy Hook Shooting; Bed bug; Nuclear Cardiac Stress Testing; Chiropractic and Spinal Manipulation Therapy; Freshman College Experience; Organ Donation; Stem Cell Treatment; Transgender; sex-seeking MSM; Uterine Power Morcellation; Change in Pap Smear Guidelines; Telemedicine; mHealth; Virtual Reality in Health Care; health search behavior; Health Travelers; menopause; femicide/mortality rates

Figure A1: Pie charts of the individual subtopics of the identified health categories.

