

Table 1: Minimum number of irrelevant tweets attributed by Goad and Chartwell to seven different DEI terms, the total number of tweets for each term in their original dataset, and the minimum percentage of irrelevant tweets.

DEI Term	Irrelevant Tweets (N)	Total Tweets (N)	% Irrelevant
diversity	502	26499	1.89
equity	454	11883	3.82
justice	2270	21707	10.46
advocacy	729	6311	11.55
race	5763	25187	22.88
ally	515	2074	24.83
privilege	1349	3676	36.70

Table 2: Sample tweets erroneously considered DEI-related twitter activity. Tweets have been truncated at 140 characters and all twitter handles, urls, emojis, and emoticons have been removed for clarity; complete tweets are at (5).

Term	Ex	Tweet
advocacy	1	a passionate physician and educator committed ot medical education, patient advocacy and community medicine, @- awards sarah coles ' ' its alumna of the year honor.
	2	rsvp today for a day of legislative advocacy at the state capitol! fundazstudents
	3	join fellow wildcats for a day of legislative advocacy at the arizona state capitol on march . fundazstudents
	4	work with uofa state relations to advocate for the university at the state legislature. become an advocat:
	5	the basic trial advocacy class at the @- school argued their case in a mock trial on saturday, nov. .
ally	1	@- y grades can be given for students if the faculty member decides and student approves in writing. please visit for details (look under the students-academic section)
	2	@- congratulations!
	3	@- welcome to the sun devil family!
	4	@- @- congratulations!
	5	@- @- @- congrats on your accomplishments, asugrad! we're proud to celebrate with you today!
diversity	1	asuyearinreview: arizona has the greatest diversity of rattlesnakes anywhere in the world. @- snake e tongue sticking out ert dale denardo offers these tips on what to do and not do if you encounter one.
	2	rt @-: mya, an asteroid hit the yucatn, killing ~% of earth's life diversity. tonight learn the stories it left in the ground.
	3	@- there are , known species of ants. actual number is probably x that. diversity of their social organization is remarkable
	4	a new university of arizona-led study uses big data to assess why the diversity of species varies across the globe. hint: it's not just about temperature. what researchers learned changes our understanding of future diversity in a warming world.
	5	a new study co-authored by university of arizona researchers provides the first quantitative assessment of how environmental policies on deforestation, along with forest fires and drought, have impacted the diversity of plants and animals in the amazon.
equity	1	access to clean water should be a human right, but there is a price for providing it. the @-'s kyl center for water policy recently released "" tenets of water equity,"" discussing this very issue.
	2	rt @-: haven't seen our retirement and personfinance blog @- @-? please check it out! recent articl
	3	""highly speculative:"" prof. renee jones talks to @- about private equity ""unicorn"" start ups and the dangers of deregulation
	4	rt @-: congrats!! alex mancebo, @- boston office, focuses his practice on private equity, m a, and other complex business tran
	5	rt @-: thanks to benjamin clinger of @- for his crash course on private equity m a at today's @- lea

justice 1 @- will honor the legacy of supreme court justice sandra day oconnor with the national premiere of sandra day
oconnor: the first. you won't want to miss this special documentary!
2 .@- researchers have found that there is a higher likelihood of receiving a false guilty plea during the covid
pandemic. read more about how the criminal justice system has changed during the pandemic
3 two weeks before her first year at asu, carson swisher changed her major, and it changed her life. now the asugrad
has a criminal justice degree from @- and hopes to work in the legal system as a prosecutor and then a judge!
4 .@-'s home in washington, d.c., is the first building in the nation's capital named for two remarkable women:
retired supreme court justice sandra day o'connor and former u.s. secretary of the air force barbara barrett.
5 .@-'s popular bachelor's program in justice studies is now available through @-, creating additional opportunities
for students to pursue a degree. : file

privilege 1 rt @-: years ago today, beardown was born. it is a privilege to recognize the legacy of john byrd ""button""
salmon beardown f
2 rt @-: thank u @- @- for this very special honor. it's a privilege to work with all of you @- @-
3 rt @-: two of the greatest guys i have ever had the privilege of working with over the years. great represenatives
of @-
4 rt @-: i had the privilege of popping up on kids a couple days ago.. blessed
5 rt @-: years ago today, beardown was born. it is a privilege to recognize the legacy of john byrd ""button""
salmon beardown f

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race 1 join the @- for the jeff coombs memorial virtual road race and boston marathon celebration.
2 ronald a. wilson, ua title ix director and a former presiding judge for the city of south tucson, will speak about
the historical relationships between the law and race in the u.s. on feb. , - p.m. the lecture is free and open to the
public.
3 join the @- in the jeff coombs memorial road race on sept. . register here:
4 rt @-: artificialintelligence wont be spawning supercomputers or robots programmed to end the human race. ai
will be working with us
5 good luck to former uofa student and @- champ @- as he attempts to race in both the indy and coke . beardown!

Table 3: Ex non-DEI NSF grants that were included in the NAS database as 'DEI: Diversity-related'.

Ex	Grant Title
1	estimation & observation of stochastic biochemical networks
2	workshop proposal for deep time earth-life observatories (detelos)
3	applying bathymetric lidar to advance marine landscape ecology in the third dimension
4	achieving heightened goals: undergraduate research in ecology at the mountain research station
5	integrative biology and ecology of marine organisms
6	vision 2020: an open space technology workshop on the future of earthquake engineering; st. louis, missouri; january 2010
7	summer fellowships in biogeochemistry and climate change
8	network for earthquake engineering simulation - reducing seismic vulnerability
9	undergraduate research experiences in tropical conservation science
10	the cepob3b young cluster: a new laboratory for studying the role of environment in planet formation and cluster evolution
11	diversification and evolution of major trophic modes in the xylariaceae: exploring the role of previously unknown symbiotrophic and saprotrophic fungi
12	plant use and domestic economy among eurasian mobile pastoralists: semirech'ye, kazakhstan during the bronze and iron age interface
13	plant-herbivore community assembly and the problem of specificity: do insect herbivores specialize among sympatric, congeneric plants in tropical forests?
14	factors that influence the amount and pattern of genetic diversity in zymv
15	the consequences of global events on vertebrate biodiversity: the paleozoic actinopterygian radiation
16	the latitudinal gradient in plant diversity: evidence from the sedges.
17	integrating morphology, molecules and ecology to understand diversification and species coexistence within the madagascar olive, noronhia (oleaceae)
18	characterization of foliar fungal endophyte communities of sequoia sempervirens and investigation of their symbiotic relationship
19	plant chemical defenses and nectar traits mediating floral competition
20	hydrological controls of riverine ecosystems of the napo river (amazon basin): implications for the management and conservation of biodiversity

Table 4: A sample of non-STEM journals with articles that were treated as DEI-publications in STEM outlets (with the number of articles from each).

Repository	Source	N
Google Scholar	race ethnicity and education	48
	race & class	25
	science education	25
	educational studies in mathematics	24
	journal of chemical education	19
	cbelife sciences education	17
	physics teacher	17
	educational researcher	14
	cultural studies of science education	13
	physical review physics education research	13
	annual review of law and social science	12
	journal of mathematics teacher education	12
	race, gender & class	12
	teachers college record	12
	teaching race and anti-racism in	12
	contemporary	
	urban education	12
	cambridge journal of education	11
	critical sociology	11
	journal for research in mathematics education	11
	journal of negro education	11
PubMed	j law med ethics	142
	int j law psychiatry	122
	j urban health	108
	j health polit policy law	92
	hosp law newsl	89
	law hum behav	86
	behav sci law	80
	j am acad psychiatry law	66
	med law	64
	j law med	49
	contraception	45
	am j law med	40
	j contemp health law policy	38
	health law vigil	33
	annu rev popul law	31
	med sci law	31
	j health hosp law	30
	med law rev	30
	law med health care	27
	aids policy law	23

Table 5: Sample non-DEI articles included by Goad and Chartwell in their analysis of DEI-publications in STEM journals.

Repository	Ex	Title	Year	Source
Google Scholar	1	translating the biology of aging into novel therapeutics for alzheimer disease	2019	neurology
	2	revisiting protein aggregation as pathogenic in sporadic parkinson and alzheimer diseases	2019	neurology
	3	revised airle house consensus guidelines for design and implementation of als clinical trials	2019	neurology
	4	novel biomarker signatures for idiopathic rem sleep behavior disorder a proteomic and system biology approach	2018	neurology
	5	the biology of cutaneous neurofibromas consensus recommendations for setting research priorities	2018	neurology
	6	serum neurofilament light in familial alzheimer disease a marker of early neurodegeneration	2017	neurology
	7	the autism epidemic ethical legal and social issues in a developmental spectrum disorder	2017	neurology
	8	biological tumor volume in 18fetpet before radiochemotherapy correlates with survival in gbm	2015	neurology
	9	dystrophin quantification biological and translational research implications	2014	neurology
	10	defining the clinical course of multiple sclerosis the 2013 revisions	2014	neurology
PubMed	1	exploring us shifts in antiasian sentiment with the emergence of covid19	2020	int j environ res public health
	2	a critical review of theory in breast cancer screening promotion across cultures	2008	annu rev public health
	3	navigating uncertainty employment and womens safety during covid19 reflections of sexual assault resistance educators	2020	gend work organ
	4	chronographic theory of development aging and origin of cancer role of chromeres and printomeres	2015	curr aging sci
	5	there is a balm in gilead black social workers spiritual counterstory on the covid19 crisis	2020	soc work public health
	6	like i have no choice a qualitative exploration of hiv diagnosis and medical care experiences while incarcerated and their effects	2019	behav med
	7	interventions that retain african americans in hiv aids treatment implications for social work practice and research	2015	soc work
	8	hiv aids a minority health issue	2005	med clin north am
	9	lower hiv prevalence among asianpacific islander men who have sex with men a critical review for possible reasons	2011	aids behav
	10	culture in cancer survivorship interventions for asian americans a systematic review and critical analyses	2021	asian am j psychol