

Supplement to ‘Fundamental errors of data collection &  
validation undermine claims of ‘Ideological Intensification’  
made by the National Association of Scholars’

true

Table S1: Number of irrelevant tweets attributed by Goad and Chartwell to seven different DEI terms and the total number of tweets for each term in the original dataset.

DEI Term	Irrelevant Tweets (N)	Total Tweets (N)	% Irrelevant
advocacy	574	6311	9.10
ally	365	2074	17.60
diversity	506	26499	1.91
equity	347	11883	2.92
justice	2392	21707	11.02
privilege	1341	3676	36.48
race	5538	25187	21.99

Table S2: A representative sample of tweets incorrectly attributed to different DEI terms.

DEI Term	No	sample irrelevant tweet
advocacy	1	a passionate physician and educator committed ot medical education, patient advocacy and community medicine, @u
	2	work with #uofa state relations to advocate for the university at the state legislature. become an #advocat: h
	3	the basic trial advocacy class at the @uarizonalaw school argued their case in a mock trial on saturday, nov.
	4	students in the basic trial advocacy class at the @uarizonalaw had their mock trials on saturday, nov. 18. the
	5	rt @uarizonalaw: icymi: read how @uarizonalaw students help veteran's in the community through the veterans' a
ally	1	@ally_mahoney11 y grades can be given for students if the faculty member decides and student approves in writi
	2	@ally_rae12508 congratulations!
	3	@ally_rae12508 welcome to the sun devil family!
	4	@ally_roy @mdwhite121 congratulations!
	5	@marissahhhill @asusportslawbiz @ally_ausborn congrats on your accomplishments, #asugrad! we're proud to celeb
diversity	1	#asuyearinreview: arizona has the greatest diversity of rattlesnakes anywhere in the world. @asusols snake
	2	rt @drbiology: 66mya, an asteroid hit the yucatn, killing ~75% of earth's life diversity. tonight learn the s
	3	@asuorigins there are 14,000 known species of ants. actual number is probably 2x that. diversity of their soci
	4	a new university of arizona-led study uses big data to assess why the diversity of species varies across the g
	5	a new study co-authored by university of arizona researchers provides the first quantitative assessment of how
equity	1	rt @squaredawaybc: haven't seen our #retirement and #personfinance blog @bostoncollege @retirementrsrch? pleas
	2	"highly speculative:" prof. renee jones talks to @businessinsider about private equity ""#unicorn"" start up
	3	rt @hnbayld: congrats!! alex mancebo, @jonesday boston office, focuses his practice on private equity, m&a
	4	rt @adambsterling: thanks to benjamin clinger of @kirkland_ellis for his crash course on private equity m&a
	5	rt @bold_francesco: can't wait to read professor @ianhaneylopez's new book merge left! every class i've taken
justice	1	@arizonapbs will honor the legacy of supreme court justice sandra day oconnor with the national premiere of
	2	.@asucrimjustice researchers have found that there is a higher likelihood of receiving a false guilty plea dur
	3	two weeks before her first year at asu, carson swisher changed her major, and it changed her life. now the #
	4	neal katyal has argued more cases before the u.s. supreme court than any other minority attorney, breaking the
	5	.@asu's home in washington, d.c., is the first building in the nation's capital named for two remarkable women
privilege	1	rt @azathletics: 90 years ago today, #beardown was born. it is a privilege to recognize the legacy of john byr
	2	rt @uapolicechief: thank u @asu today & @uaaa for this very special honor. it's a privilege to work with a
	3	rt @wendelldneal: two of the greatest guys i have ever had the privilege of working with over the years. grea
	4	rt @phillywill11: i had the privilege of popping up on 2 kids a couple days ago.. #blessed <a href="https://t.co/czayno">https://t.co/czayno</a>
	5	rt @azathletics: 90 years ago today, #beardown was born. it is a privilege to recognize the legacy of john byr
race	1	join the @beantowncats for the jeff coombs memorial virtual road race and boston marathon celebration. <a href="https://t.co/">https://</a>
	2	ronald a. wilson, ua title ix director and a former presiding judge for the city of south tucson, will speak a
	3	join the @beantowncats in the jeff coombs memorial road race on sept. 9. register here: <a href="https://t.co/">https://t.co/</a>
	4	rt @bio5: #artificialintelligence wont be spawning supercomputers or #robots programmed to end the human race
	5	good luck to former #uofa student and @nascar champ @kurtbusch as he attempts to race in both the indy 500 and

Table S3: Sample non-DEI grants awarded by the NSF that were treated as 'DEI-Diversity' related by Goad and Chartwell.

Sample	Grant Title
1	estimation & observation of stochastic biochemical networks
2	workshop proposal for deep time earth-life observatories (detelos)
3	doctoral dissertation research: applying bathymetric lidar to advance marine landscape ecology in the third dimension
4	reu site: achieving heightened goals: undergraduate research in ecology at the mountain research station
5	reu site: integrative biology and ecology of marine organisms
6	workshop/collaborative research: vision 2020: an open space technology workshop on the future of earthquake engineering; st. louis, missouri; january 2010
7	reu site: summer fellowships in biogeochemistry and climate change
8	reu site: network for earthquake engineering simulation - reducing seismic vulnerability
9	reu site: 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	dissertation research: diversification and evolution of major trophic modes in the xylariaceae: exploring the role of previously unknown symbiotrophic and saprotrophic fungi
12	doctoral dissertation improvement grant: plant use and domestic economy among eurasian mobile pastoralists: semirech'ye, kazakhstan during the bronze and iron age interface
13	dissertation research: 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	dissertation research: the consequences of global events on vertebrate biodiversity: the paleozoic actinopterygian radiation
16	dissertation research: the latitudinal gradient in plant diversity: evidence from the sedges.
17	dissertation research: integrating morphology, molecules and ecology to understand diversification and species coexistence within the madagascar olive, noronhia (oleaceae)
18	dissertation research: characterization of foliar fungal endophyte communities of sequoia sempervirens and investigation of their symbiotic relationship
19	dissertation research: plant chemical defenses and nectar traits mediating floral competition
20	dissertation research: hydrological controls of riverine ecosystems of the napo river (amazon basin): implications for the management and conservation of biodiversity

Table S4: A sample of the non-STEM journals, and the number of articles from each, that were included in the NAS analysis of DEI-focused publications in STEM outlets.

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 contemporary	12
	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 S5: Sample non-DEI publications included by Goad and Chartwell in their analysis of DEI-publications in STEM journals.

Repository	Sample	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 chromomeres 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