Azim $Shariff^{1*}$ 3 4 Mall, Vancouver, V6T 1Z4, British Columbia, Canada. 5 Corresponding author(s). E-mail(s): shariff@psych.ubc.ca; 6 Abstract 7 Diversity is much discussed in faculty hiring. The rationales behind precisely 8 why diversity is a goal worth pursuing are, however, less discussed, and often q left implicit. While diversity is generally assumed to enhance fairness, improve 10 student outcomes, and foster innovation, these motivations are rarely articu-11 lated and often conflated. I present a taxonomy of ten of the most common 12 diversity rationales, grouped into five overarching categories: Social Justice, Het-13 erodoxy, Role-Modeling, Hidden Merit and Institutional Signaling. In addition 14 to outlining these rationales, I discuss relevant empirical evidence that supports 15 or challenges key claims associated with them, offering a clearer understanding 16 of the impact of diversity within the academy. Finally, I present survey data 17 from department heads across various disciplines, highlighting their priorities and 18 motivations regarding diversity. The results reveal both shared motivations for 19 diversity and gaps in how these rationales are discussed and prioritized in hiring 20 decisions. By surfacing these often-hidden rationales, this paper aims to sharpen 21 the conversation around faculty diversity, and why to pursue it. 22 Keywords: Diversity, Faculty Hiring, Social Justice, Hiring Bias, Role-Modeling 23

Increasing faculty diversity has become a key priority in academic hiring. During the 24 2020 hiring season, 68% of posted job ads mentioned diversity-a figure that rose to 25 78% at elite institutions [1]. What form that diversity should take remains a matter 26 of discussion [2], with recent years having seen calls to increase diversity in the form 27 of ethnicity [3], gender [4], sexual orientation [5], nationality [6], political viewpoint 28 [7], and socioeconomic status [8]. More rarely discussed—indeed typically not even 29 recognized as something that needs to be addressed—is the rationale for pursuing 30

Diversity for What?

Examining Ten Rationales for Diversity in Faculty Hiring

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diversity in the first place. Questions of what type of diversity to pursue, in what proportion, and at what level (e.g. within departments/institutions/fields), are all downstream of this more fundamental question of why. The lack of clarity about the rationale for pursuing diversity has led to confusion, suspicion, and an incoherence between stated goals and actual hiring practices.

For some, the value of diversity may be so obvious as to be not worth wasting time 36 discussing. People may implicitly understand that a more diverse faculty is a fairer 37 one, or better serves a diversifying student body, or is critical for innovation. How-38 ever, making those implicit goals explicit can bring several important benefits. For 39 one, actively discussing and clarifying values about one's rationales can lead to more 40 effective decision-making. Search committees may explicitly, but superficially, be on 41 the same page about diversity, but at the same time be implicitly motivated by dif-42 ferent goals and thereby supportive of different actions. This can leave colleagues at 43 cross-purposes or confused about each other's motivations. Clarifying diversity ratio-44 nales, can help decision-makers align, or at least understand each other's approaches. 45 Second, precisely articulating the goals that motivate the prioritization of diversity 46 keeps the focus on achieving those underlying objectives. When the actual goals are 47 left implicit, the focus risks shifting to diversity as the end in itself. A faculty may have 48 grown more diverse, but the problems that people actually care about-such as hiring 49 biases or unrealized student potential—may persist unaddressed. Third, and potentially 50 most importantly, transparently explaining the precise aims and justifications behind 51 large-scale investments in diversity can backstop or even restore some of the sliding 52 trust in academia among the wider public [9]. 53

Existing discussions about diversity rationales (e.g. [10, 11]) tend to draw a distinc-54 tion between instrumental (sometimes called performance or benefits) rationales and 55 justice (sometimes called equity or moral) rationales. Instrumental rationales focus on 56 the benefits that increased diversity can offer in terms of improved performance, cre-57 ativity, or knowledge, whereas justice rationales focus on correcting inequities caused 58 by past or present injustices. However, the instrumental versus justice binary fails 59 to capture the complexity and multiplicity of diversity rationales for faculty hiring. 60 First, it lacks granularity; within either the instrumental or justice distinction may 61 be found different rationales with different goals that imply different actions. Fur-62 ther, it doesn't capture the unique reasons that the professoriate might benefit from 63 diversity. Although there are more universal rationales for pursuing diversity, certain 64 institutions, such as the military [12] and police [13], have diversity rationales that 65 are specific to their missions and social dynamics. This is also true of academics, 66 whose role in research and teaching create unique cases of diversity, different from 67 those for other professions or even for student admissions [11]. Finally, given the spe-68 cial role of academia in society, certain rationales-such as role-modeling-may blur the 69 instrumental-justice distinction. 70

Below I propose a finer-grained taxonomy of ten rationales (Table 1), grouped into five families, in hopes of advancing a more explicit and nuanced discussion of diversity faculty hiring. Each of these rationales involves deep debates about values, but some rationales also depend on empirical debates within the social sciences. Where

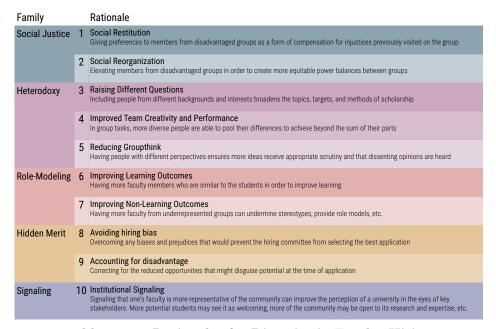


Table 1: Ten Rationales for Diversity in Faculty Hiring

⁷⁵ applicable, I summarize this relevant evidence. Finally, I briefly report results of a new
 ⁷⁶ survey of department chairs on attitudes towards these rationales.

1 Social Justice

Certain groups in every society have experienced substantial state-sanctioned histori-78 cal injustices that have created lasting disparities in wealth and power. Social justice 79 movements have sought to rectify these past injustices and present inequities. In higher 80 education, these goals were the first to animate efforts to diversify the student body, 81 and, soon after, university faculties [10]. The social justice argument for changing 82 the composition of universities grew out of the civil rights movements in the United 83 States and elsewhere, and are frequently distinguished from the instrumental "busi-84 ness case" arguments for diversity that followed and—many argue—crowded out the 85 justice-based argument [14-17]. Still, even within the social justice motivation hide at 86 least two rationales that, though related, differ in both aim and execution. 87

The first I label **Social Restitution**. Under this rationale, members of previously disadvantaged groups should be elevated in hiring priority in order to make amends or redress for injustices previously visited on the group. In other words, the value of diversity is the just redistribution of professional opportunities towards members from previously disadvantaged groups.

Social Restitution is an example of what affirmative action theorists have labeled
 as a "backwards-looking" justification [18, 19] insofar as its focus is on compensation
 for past discrimination. This is contrasted with forward-looking justifications, which

seek not to remedy the past, but to improve the future. Social Restitution remedially 96 improves the lot of individuals from disadvantaged groups as an end in itself. The 97 Social Reorganization rationale, on the other hand, is focused on improving the 98 lot of disadvantaged groups by using individual faculty appointment as a means to 99 an end—the end being a more equitable overall balance of power between groups in 100 the future. The hired faculty member is not a beneficiary under this rationale, but 101 an active agent in its achievement. Although academics do not wield the economic or 102 political power of many other elite professions, their role as ambassadors of knowledge 103 and the stewards of young minds, gives professors a degree of cultural power. This 104 cultural power can be wielded in the service of greater intergroup equity. In that sense, 105 whereas the aim of Social Restitution is just that-restitution for past wrongs-Social 106 Reorganization is focused on a much broader goal of social transformation of current 107 inequities. 108

Such a goal could be advanced through other hiring strategies. For example, in 109 fields where scholarship is relevant to social justice aims, those aims may be better 110 served by hiring on the basis of the research agenda, rather than the identities, of its 111 candidates. But this approach decouples social justice goals from faculty diversity; so 112 long as their scholarship advances the goals of social justice, candidates from domi-113 nant groups may be preferred over those from disadvantaged ones. In contrast, Social 114 Reorganization is focused squarely on hiring members of underrepresented groups, and 115 Social Restitution even more narrowly on members from specifically disadvantaged 116 groups. 117

118 2 Heterodoxy

Social Restitution and Reorganization are clear examples of justice rationales. Heterodoxy rationales, which focus on the epistemic benefits of diversity, may be considered clear examples of instrumental rationales. Diversity benefits the cognitive division of labor, and the cognitive division of labor in turn benefits the production of new knowledge [20, 21]. However, even within the Heterodoxy family, several different rationales can be distinguished—each with different implications for hiring.

One of the most obvious benefits of the inclusion of those with different back-125 grounds and perspectives is that doing so expands the scope of inquiry by **Raising** 126 **Different Questions** and choosing novel and important topics. This has been particu-127 larly evident in the social sciences. Female anthropologists from Mead [22] to Hrdy [23] 128 expanded the field by investigating topics previously ignored by the male-dominated 129 discipline. The inclusion of Black scholars into a previously White-dominated soci-130 ology expanded inquiry about race in America. Rather than treating the dominant 131 WASP culture as default and African Americans as the target of explanation, DuBois 132 flipped the "explanatory burden" [24] onto the contributions of the White majority 133 to racial disparities. The emergence of prominent East Asian cultural psychologists 134 undermined Western assumptions about psychological universals, and by doing so, 135 revealed the powerful influence of culture on the human mind [25-27]. 136

Importantly, whereas the Social Justice rationale speaks primarily to increasing
 demographic diversity, the Raising Different Questions rationale (as well as the other

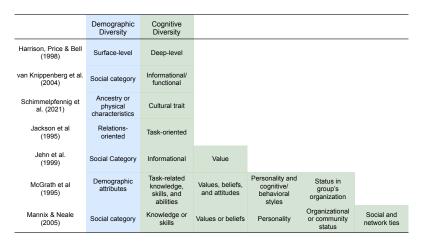


Table 2: Diversity Categorizations. Whereas some scholars have created three-, five-, or even six-factor categorizations [29–35], most of the diversity literature carves diversity into two factors. Although not perfectly overlapping, these distinctions roughly capture a mind/body divide between diversity based on characteristics such as knowledge, viewpoint, personality, or skills (here called *cognitive diversity*) and diversity based on demographic characteristics like age, gender, and race (here called *demographic diversity*).

rationales in the Heterodoxy family) instead prioritizes the type of diversity in perspec-139 tive and background, here called cognitive diversity (see Table 2). But as the examples 140 of Black sociologists, female anthropologists, and East Asian psychologists above illus-141 trate, cognitive and demographic diversity are not wholly independent. Although there 142 is nothing necessary or sufficient about these scholars' demographic identities that led 143 them to their scholarly breakthroughs, there does tend to be a statistical relation-144 ship. People from different backgrounds have measurably different research interests, 145 on average [28]. It was possible—but less likely—that White men would have made 146 the breakthroughs discussed above. And indeed, they didn't. In addition to the field-147 level benefit of having a wider array of perspectives, diversity may have the more local 148 benefit of Improving Team Performance and Creativity. Researchers with dif-149 ferences in cognitive styles, working methods, and value preferences can complement 150 each other in ways that create more effective teams than ones in which researchers are 151 more homogeneous with overlapping traits. Attempts to study this possibility across 152 industries have produced conflicting results. A recent meta-analysis of 615 studies [36] 153 found highly variable, and, on average, very small effects of diversity on team per-154 formance—explaining under 1% of the variance. Effects were moderated by type of 155 diversity; relationships with team performance were positive with measures of cognitive 156 diversity (e.g. type of degree, nationality) and job-related diversity (e.g. job function), 157 but—with the notable exception of gender—negligible for measures of demographic 158 diversity (e.g. ethnicity, age). However, effects were stronger in jobs requiring high 159

complexity, such as those involved in research and development, and those characterized by creativity and innovation. This suggests that a highly complex and creative arena like academic scholarship may particularly benefit from team diversity [37]. Supporting this, several studies have found that research groups that are more diverse in terms of ethnicity, gender, age, discipline and institutional affiliation tend to produce more novel and impactful research [3, 38, 39]. However, the precise mechanisms that explain this relationship remain unclear.

A final epistemic benefit of diversity is that the inclusion of different perspec-167 tives can aid in **Reducing Groupthink**. Academics neutralize their own biases via 168 organized critique from other scholars [40, 41]. However, homogeneous groups risk 169 sharing collective blindspots that undermine this process. Diversity can help. Having 170 a diversity of viewpoints can serve as a bulwark against groupthink by ensuring that 171 otherwise absent perspectives are considered and otherwise dominant perspectives are 172 scrutinized [42]. In an analysis of over 230,000 Wikipedia articles, Shi et al. [43] found 173 that homogeneous sets of article editors consistently produced lower quality articles 174 than those edited by ideologically balanced editor teams. In another study, markets 175 randomly assigned to contain more ethnic diversity were more likely to see prices con-176 verge towards their true values, whereas more ethnically homogeneous markets failed 177 to see this correction and were thus more susceptible to price bubbles [44]. The authors 178 speculate that people in ethnically homogeneous markets were more trusting of oth-179 ers' judgments and less likely to scrutinize prices than when the market was more 180 diverse. This study is a good illustration of how some of the well-documented costs 181 of diversity in terms of reduced coordination, trust, and harmony [45-47] can be ben-182 eficial in academia. Homogeneity can be appealing for the very same reasons that it 183 can encourage groupthink: it is more comfortable to be surrounded by like-minded 184 people who generally deliver positive feedback [48]. Knowing that their work will face 185 scrutiny can incentivize scholars to critique it more themselves and raise the standards 186 of evidence. In fact, simply being in a more diverse group prompts people to expect 187 different perspectives and, as a consequence, more carefully consider their own [49, 50]. 188 Being confronted by people who challenge their ideas—although unpleasant—can fos-189 ter more debate and skepticism, exposing academic work to sharper criticism, thereby 190 improving it. 191

¹⁹² **3 Role-Modeling**

While the first two families of rationales—Social Justice and Heterodoxy—neatly fit
the respective descriptions of justice and instrumental rationales, that distinction gets
blurrier when we turn to the next family: role-modeling.

Faculty demographic diversity has lagged behind that of the changing student body [51-53]. An analysis of a 2001 dataset of undergraduates' freshman and sophomore years at 28 selective universities, reveals that 32% of Asian and Black students, and 41% of Hispanic students, never had a professor of their own ethnicity. The comparable figure for White students was 0% [54]. One argument for diversifying the professoriate is that disparities at the faculty level can create inequities in student outcomes.

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For instance, being taught by those who share their backgrounds or identities may Improve Learning Outcomes among students.

The research testing this possibility tends to focus on gender and race, and most of 204 the work is focused at the K-12 level. Nevertheless, there are a handful of studies testing 205 "teacher match" in grades and graduation rates at the collegiate level. This literature 206 reveals mixed and sometimes inconsistent results, but is suggestive of a modest effect. 207 For instance, Fairlie and colleagues [55] found that underrepresented racial minorities 208 see a roughly 2% increase in the likelihood of passing a class, and a 3% increase in the 209 likelihood of scoring a B or above, when taught by someone of their own race—effects 210 that are most robust for African American students. Another analysis of 176 four-year 211 public institutions found a 1% increase in the proportion of Black faculty translates 212 to 0.59% more Black students graduating, although, no comparable effects are seen 213 for Hispanic, Asian, or White students [56]. This analysis also found no relationship 214 between female graduation rates and the proportion of female faculty. An analysis of 215 over 34,000 Canadian undergraduates did find evidence of gender match on student 216 grades, but this effect was very small and appears to be driven by male students 217 performing better under male instructors [57]. More recent research does find gender 218 match effects for female students, at least in small classes [58, 59]. 219

In sum, professor match effects on educational measures appear modest. However, 220 **Improving Non-Learning Outcomes** of various kinds is another avenue by which 221 students may benefit from more faculty diversity. For one, having faculty from sim-222 ilar backgrounds could inspire students to pursue similar academic and professional 223 paths. Several studies have found supportive evidence for this possibility [58, 60, 61], 224 with others showing mixed or null effects [57, 62-65]. Another suggested benefit is that 225 having underrepresented faculty behind the podium can undermine pernicious stereo-226 types held by those in front of it, although studies testing this effect in the context 227 of gender tend to find null results, [66–68]. Finally, university faculty can offer guid-228 ance and advice beyond the purely academic content of their classes. To the extent 229 that underrepresented students feel more comfortable seeking this type of informal 230 mentorship from faculty members who share their background, they stand to benefit 231 from faculty diversity. Although this type of informal mentorship is rarely measured 232 in quantitative studies, it may be quite prevalent nonetheless. 233

Are these role-modeling effects instrumental rationales since they lead to improve-234 ments in educational outcomes, or are they justice rationales since those benefits 235 tend to accrue to students from historically disadvantaged groups? In any case, the 236 role-modeling rationales hinge on the evidentiary base for role-modeling effects—an 237 evidentiary base that currently remains inconclusive. Further research may provide 238 clarity. The conflicting findings and high social stakes of the gender and race research 239 make this an area ripe for adversarial collaboration [69, 70]. Researchers might further 240 consider investigating professor match effects for other types of diversity, including 241 242 social class, political orientation, and gender identity.

²⁴³ 4 Hidden Merit

There are still other implicit rationales that further complicate the instrumental versus 244 justice distinction. Two rationales fall under the family of "Hidden Merit" (elsewhere 245 called the "Talented Workforce Rationale" for diversity, [71]). Universities lose out 246 when the best and most likely-to-succeed (however defined) candidates are overlooked 247 and thus fail to join the ranks of the faculty. A homogeneous faculty may be the 248 outcome of the systematic overlooking of members of underrepresented groups. This 249 can occur in two ways. First, via hiring biases; a strong application may be discounted 250 due to the stereotypes and prejudices of the hiring committee. Avoiding Hiring 251 Biases-whether it be by blinding application materials [72], using pre-defined rubrics 252 [73], or composing search committees to minimize homophily [74]-can help ensure that 253 the most meritorious candidates are not derailed from consideration. 254

But what if the candidate with the strongest application is not the candidate 255 with the most potential? A second way to prevent promising scholars from being 256 overlooked is by Accounting for Disadvantage. Hiring for an academic position 257 uses past performance as a predictor for future performance. But it is an imperfect 258 predictor. When comparing candidates, a different history of opportunities can lead 259 to a systematic over- or under-prediction of performance in the future. Disadvantaged 260 groups may experience longer review times and acquire fewer citations for textually 261 similar papers than those in majority groups [75]. Non-native speakers may struggle to 262 match the productivity of native English speakers at early stages of their career, but 263 not later [76]. A straight comparison of applications across diverse researchers with 264 disparate backgrounds can create systematic distortions in finding the most promising 265 applicant. 266

The two Hidden Merit rationales are unique among the ten. For the other ratio-267 nales, diversity is expected to lead to the various benefits (e.g., improving learning 268 outcomes or reducing groupthink). For Avoiding Bias and Accounting for Disadvan-269 tage, the relationship with diversity is not only causally reversed but often overstated. 270 The expectation is that removing these barriers will increase diversity as a byproduct. 271 In practice, however, homogeneity is frequently treated as an indicator of bias itself. 272 Doing so ignores the many additional factors that could explain disparities, such as 273 cultural preferences, differences in qualifications, and given the duration of academic 274 275 careers and the slow pace of hiring–demographic inertia. Using diversity as a straightforward measure of fairness, or disparity as a proxy for discrimination, oversimplifies 276 the complexity of these dynamics. Using these concepts as barometers for each other 277 should be done with caution [77]. Instead, if the goal is to uncover hidden merit, it 278 may be more sensible to target bias directly. 279

²⁸⁰ 5 Institutional Signaling

Finally, it is impossible to ignore the rationale of **Institutional Signaling**. Signaling gets a bad name (e.g. [78]), but can have several important benefits when it comes to faculty diversity. For one, institutions that signal a credible commitment to diversity can make universities appear as more welcoming institutions to a wider array of students (and faculty members), allowing them to recruit from a larger population

of interested applicants. An informal survey of over 20,000 high school seniors found
that faculty and staff diversity was one of the most important features that college
aspirants look for in a campus community, second only to student body diversity [79].
Compared to more easily embellished signals of diversity [80], investments in hiring a
diverse faculty are "hard to fake" credibility enhancing displays.

A more diverse faculty can likewise appeal to a broader base of donors and 291 community partners. Relatedly, signaling that one's faculty makeup is not overly 292 unrepresentative of a university's community on key dimensions can also build cred-293 ibility with the community, making it a more trustworthy source of scholarship. In 294 contrast, homogeneity can sow distrust. A survey by Clark et. al. [81] found that 295 the more that conservatives perceived professors to be uniformly left-leaning, the less 296 they trusted them, and the less they deferred to their expertise. Similarly, some of 297 the recent and bipartisan decline in American confidence in higher education has been 298 attributed to perceptions among conservatives that the academy has become too uni-299 formly politically liberal [9]. The more the professoriate reflects the community it 300 serves, the broader its influence. 301

302 6 Current Attitudes

Together, these form a novel taxonomy that can advance the discussion on just why 303 faculty hiring ought to prioritize diversity. To gauge the current attitudes of faculty 304 hiring decision-makers, 1297 American, British and Canadian department heads from 305 disciplines across the arts and humanities, the social sciences, and STEM fields were 306 invited to complete an anonymous survey. Three hundred and twenty-two surveys 307 were completed (female=31%, non-white=16%), for a 25% response rate [82]. The 308 survey reveals that virtually all respondents—98%—discuss diversity as a factor in 309 their searches. And, although 24% of the sample believed their department did not 310 adequately factor diversity into hiring decisions, nearly twice as many—46%—believed 311 their department did not adequately discuss and explain the rationales for pursuing 312 diversity. 313

In terms of which rationales department heads reported were the strongest motiva-314 tions for diversity in faculty hiring, there was remarkable agreement across discipline 315 categories (Figure 1a). Avoiding Hiring Biases was the most strongly endorsed ratio-316 nale, and Social Restitution the least, irrespective of whether heads represented 317 arts/humanities, social science, or STEM departments. In fact, significant disciplinary 318 differences only emerged for two rationales. First, Social Restitution, although rela-319 tively weakly endorsed in all three disciplinary categories, was relatively more strongly 320 endorsed by the heads of arts/humanities departments than those from STEM depart-321 ments, with heads from the social sciences in between and not significantly different 322 323 from either. Second, Raising Different Questions showed the largest disciplinary differences, with strongest endorsement among those from the arts/humanities, somewhat 324 weaker endorsement among those from the social sciences (although still the second 325 most endorsed rationale), and then somewhat weaker endorsement still from those in 326 STEM fields. 327

Department heads also reported on which forms of diversity they prioritized in 328 faculty searches. As shown in Figure 1c, Race/Ethnicity and Gender were the two 329 most prioritized forms, and the only two with clear majorities identifying them as a 330 "high priority". Political Viewpoint was the least prioritized, and the only facet where 331 a majority listed it as a "low priority". There was more disciplinary and national 332 variability in these responses than in those for the diversity rationales. For example, 333 gender diversity was a lower priority for department heads in the arts/humanities and 334 social sciences than it was for those in STEM fields, presumably because female under-335 representation is more acute in STEM fields [83]. Indigeneity was a very high priority 336 in Canada, a moderate priority in the US, and not a priority in the UK. Full details 337 are available in the Supplement. 338

Finally, a series of regressions report which forms of diversity are associated with 339 which endorsed rationales (Table 3). For instance, among the five families of rationales, 340 the strongest predictor for prioritizing gender diversity in searches is the Hidden Merit 341 family of rationales (and to nearly the same extent, the Role-Modeling rationales). 342 Put differently, those who are more likely to endorse a talented workforce rationale 343 for pursuing diversity in faculty hiring, also report a higher priority for increasing 344 gender diversity. For gender conformity, sexual orientation, disability, and indigeneity, 345 Social Justice was the best predictor. Of the five families of rationales, Social Jus-346 tice and Role-Modeling were the strongest predictors of prioritizing racial and ethnic 347 diversity. Heterodoxy was the strongest predictor among the five families of rationales 348 for diversity of nationality, socioeconomic class, and political viewpoint (although, for 349 the latter, this was no longer statistically significant once controls were added to the 350 model). 351

These results should be interpreted in light of some caveats. Department heads are not just operating, but also responding to this survey, in an environment with constraints. First, this is a sensitive topic. When asked about how comfortable people in their department felt discussing faculty diversity, over half the sample responded at

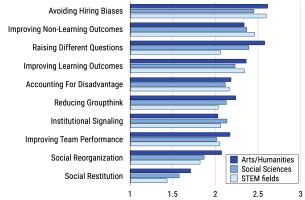


Fig. 1: Diversity Rationales Survey Results. n=322 department heads. (1=Not a motivation, 2=A moderate motivation, 3=A strong motivation). Statistical comparisons can be found in the Supplement.

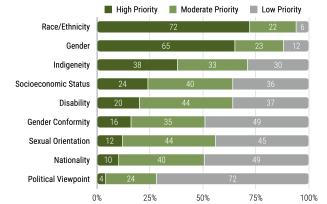


Fig. 2: Diversity Priorities Survey Results. n=322 Department heads.

or below the midpoint of the scale, and only 13% reported these conversations to be 356 "very comfortable". A number of respondents noted in open responses that the climate 357 for discussion of these issues was not one conducive to openness or honesty. Although 358 the department heads were assured that this survey was anonymous, socially desirable 359 responding among the department heads cannot be fully discounted. It remains possi-360 ble that respondents may have explicitly supported certain more acceptable rationales, 361 while being privately motivated by different rationales in the list, or by other reasons 362 entirely, or not motivated to pursue diversity at all. 363

This possibility is exacerbated by the second issue. Beyond normative pressures, 364 department heads were also responding against a shifting landscape of *legal* constraints 365 (e.g. [84–86]) that limit how or what forms of diversity could be prioritized, and under 366 what justifications. In open responses, several department heads noted that their own 367 opinions were moot since much of the decision-making was out of their hands. Instead, 368 decisions about how much or little to prioritize diversity were made above them-either 369 by institution-level decisions that allocate hiring slots in line with diversity initiatives, 370 or by governmental-level laws about what actions were permissible, and on what basis. 371 Such responses underscore the fact that, although this survey targeted department 372 heads, candid and transparent discussions of diversity rationales ought to occur at 373 multiple levels-departmental, institutional, and legislative. 374

375 7 Conclusion

Academia is in a moment of self-reflection, wrestling with new norms that will shape 376 its future. However, that future will be most shaped by the decisions made about who 377 gets hired to fill its ranks in the coming years. Given the weight of these decisions, the 378 role diversity should play should be deeply considered and rigorously debated. Some 379 of those debates will be empirical, but many will be ethical and political. Although 380 they have lingered in the background of this paper, these value-laden debates have 381 not been directly addressed, let alone resolved. They are debates that involve the 382 challenging prioritizations of values, and they should, and will, continue. The debates 383

can, however, be clarified and informed by discussing rationales for diversity in faculty
 hiring.

I have argued that these rationales are too often left unexamined. When they have 386 been discussed, they are frequently conflated, leading to confusion and muddled poli-387 cies. In response, I have proposed a taxonomy of ten rationales. Readers may disagree 388 with this current list, quibbling with the framing, objecting to certain distinctions, 389 noting key omissions. But the taxonomy can hopefully be a provocation for discussion, 390 an invitation to departments and universities to examine their own diversity policies 391 and clarify-to candidates, to their communities, and to themselves-what values they 392 are pursuing: diversity for what? 393

Different goals imply different strategies. Decision-making about diversity initiatives can be strengthened by having a more open, systematic, and evidence-based discussion of rationales. Without such an explicit discussion, diversity will remain for many a box to check, a happy but vague ideal, its purpose unspecified, and its value unrealized.

	±.5	Race/ Ethnicity	Ge	Gender	u ng	Gender Conformity	Orie K	Sexual Orientation	Dis	Disability	pul	ndigeneity	Nat	Vationality	Vie Vie	Political Viewpoint	Socic	Socioeconomic Class
	Step 1	Step 2	Step 1	Step 2	Step 1	Step 2	Step 1	Step 2	Step 1	Step 2	Step 1	Step 2	Step 1	Step 2	Step 1	Step 2	Step 1	Step 2
Social Justice	0.14*** (0.03)	0.12*** (0.03)	-0.01 (0.04)	0.05 (0.04)	0.18*** (0.04)	0.12** (0.04)	0.20*** (0.04)	0.17*** (0.04)	0.16*** (0.04)	0.16*** (0.04)	0.29*** (0.04)	0.16*** (0.04)	0.09* (0.04)	0.09* (0.04)	0.03 (0.03)	0.01 (0.03)	0.11* (0.05)	0.10* (0.05)
leterodoxy	0.04 (0.03)	0.03 (0.03)	-0.03 (0.04)	0.00 (0.04)	0.08 (0.04)	0.07 (0.04)	0.10** (0.04)	0.08* (0.04)	0.14*** (0.04)	0.13** (0.04)	0.03 (0.04)	0.05 (0.04)	0.19*** (0.04)	0.16*** (0.04)	0.08* (0.03)	0.06 (0.03)	0.15*** (0.04)	0.10* (0.04)
Role-Modelling	0.14*** (0.03)	0.14*** (0.03)	0.11* (0.04)	0.09* (0.04)	0.09* (0.04)	0.07 (0.04)	0.10* (0.04)	0.10* (0.04)	0.06 (0.04)	0.06 (0.04)	0.13** (0.05)	0.09* (0.04)	-0.02 (0.04)	0.00 (0.04)	-0.07* (0.03)	-0.06 (0.03)	0.00 (0.05)	0.02 (0.05)
Hidden Merit	0.07* (0.03)	0.04 (0.03)	0.12** (0.04)	0.09* (0.04)	0.12** (0.04)	0.11** (0.04)	0.03 (0.04)	0.02 (0.04)	0.15*** (0.04)	0.13** (0.04)	0.10* (0.04)	0.11** (0.04)	-0.03 (0.04)	-0.03 (0.04)	-0.06 (0.03)	-0.04 (0.03)	0.07 (0.04)	0.06 (0.04)
Signaling	0.00 (0.03)	-0.01 (0.03)	0.03 (0.04)	0.01 (0.04)	0.07 (0.04)	0.08* (0.04)	0.03 (0.04)	0.03 (0.04)	0.00 (0.04)	0.01 (0.04)	-0.03 (0.05)	0.02 (0.04)	0.05 (0.04)	0.05 (0.04)	-0.02 (0.03)	0.01 (0.03)	0.02 (0.05)	0.01 (0.05)
Arts/Humanities		0.12 (0.08)		-0.24* (0.10)		0.13 (0.10)		00.0 (00.0)		0.05 (0.10)		0.16 (0.10)		0.15 (0.10)		0.32*** (0.08)		0.17 (0.11)
Social Sciences		-0.11 (.07)		-0.37*** (0.09)		-0.11 (0.09)		-0.03 (0.08)		-0.21* (0.09)		0.01 (0.09)		0.12 (0.09)		0.31*** (0.07)		0.17 (0.10)
Canada		-0.11 (0.06)		-0.10 (0.08)		0.14 (0.08)		0.03 (0.08)		0.25** (0.08)		0.52*** (0.08)		-0.07 (0.08)		-0.09 (0.07)		-0.31*** (0.09)
ž		0.16 (0.11)		0.31* (0.14)		0.05 (0.14)		0.15 (0.13)		0.60*** (0.14)		-0.81*** (0.14)		0.10 (0.14)		-0.31** (0.11)		0.14 (0.15)
Race (White)		0.14 (0.08)		0.27* (0.10)		0.06 (0.11)		0.01 (0.10)		0.00 (0.10)		-0.11 (0.10)		-0.03 (0.10)		0.09 (0.08)		-0.15 (0.12)
Gender (Male)		0.02 (0.06)		0.22** (0.08)		-0.12 (0.08)		-0.15 (0.08)		-0.19* (0.08)		-0.01 (0.08)		-0.17* (0.08)		-0.11 (0.07)		-0.14 (0.09)
Conservatism		-0.14*** (0.03)		0.03 (0.04)		-0.09* (0.04)		-0.07 (0.04)		0.01 (0.04)		-0.14*** (0.04)		0.05 (0.04)		0.08* (0.03)		-0.01 (0.04)
Constant	2.66*** (0.03)	2.56*** (0.09)	2.52*** (0.04)	2.36*** (0.12)	1.66*** (0.04)	1.65*** (0.12)	.1.67*** (0.03)	.1.74*** (0.12)	1.83*** (0.04)	1.89*** (0.12)	2.08*** (0.04)	2.03*** (0.12)	1.61*** (0.04)	1.66*** (0.12)	1.33*** (0.03)	1.16*** (0.10)	1.88*** (0.04)	2.06*** (0.14)
Adjusted R ²	.19	29.	.05	.15	.19	.22	.19	19	.19	.28	.20	.40	.11	.12	.03	.13	80.	.12
N	321	309	321	309	320	309	320	308	320	309	319	307	321	309	321	309	321	309

* = p<.05, ** = p<.01, *** = p<.001. Discipline category reference group = STEM. Country reference group = USA. Continuous variables were standardized (mean = 0, SD = 1). Dummy variables were not standardized.

399 References

- [1] Paul, J.D., Maranto, R.: Other than merit: The prevalence of diversity, equity, and inclusion statements in university hiring. American Enterprise Institute (2021)
- [2] Rozado, D.: Using word embeddings to analyze how universities conceptualize
 "diversity" in their online institutional presence. Society 56, 256–266 (2019)
- [3] AlShebli, B.K., Rahwan, T., Woon, W.L.: The preeminence of ethnic diversity in scientific collaboration. Nature Communications 9(1), 5163 (2018)
- [4] Handelsman, J., Cantor, N., Carnes, M., Denton, D., Fine, E., Grosz, B., Hinshaw,
 V., Marrett, C., Rosser, S., Shalala, D., *et al.*: More women in science. Science
 309(5738), 1190–1191 (2005)
- ⁴⁰⁹ [5] Freeman, J.: Lgbtq scientists are still left out. Nature **559**(7712), 27–28 (2018)
- [6] Thalmayer, A.G., Toscanelli, C., Arnett, J.J.: The neglected 95% revisited: Is
 american psychology becoming less american? American Psychologist 76(1), 116
 (2021)
- [7] Duarte, J.L., Crawford, J.T., Stern, C., Haidt, J., Jussim, L., Tetlock, P.E.:
 Political diversity will improve social psychological science. Behavioral and brain
 sciences 38, 130 (2015)
- [8] Morgan, A.C., LaBerge, N., Larremore, D.B., Galesic, M., Brand, J.E., Clauset,
 A.: Socioeconomic roots of academic faculty. Nature Human Behaviour 6(12),
 1625–1633 (2022)
- [9] Gallup: Americans' Confidence in Higher Education
 Down Sharply (2024). https://news.gallup.com/poll/508352/
 americans-confidence-higher-education-down-sharply.aspx Accessed 2024-10-10
- [10] Kronman, A.T.: Is diversity a value in american higher education. Fla. L. Rev.
 52, 861 (2000)
- [11] Starck, J.G., Sinclair, S., Shelton, J.N.: How university diversity rationales inform
 student preferences and outcomes. Proceedings of the National Academy of
 Sciences 118(16), 2013833118 (2021)
- ⁴²⁷ [12] Brief of Amici Curiae Former Military Leaders in Support of Respondents in
 ⁴²⁸ Students for Fair Admissions Inc. v. President Fellows of Harvard College. U.S.
 ⁴²⁹ Supreme Court Docket Nos. 20-1199, 21-707 (2022)
- [13] Theobald, N.A., Haider-Markel, D.P.: Race, bureaucracy, and symbolic representation: Interactions between citizens and police. Journal of Public Administration Research and Theory 19(2), 409–426 (2009)

- [14] Kelly, E., Dobbin, F.: How affirmative action became diversity management:
 Employer response to antidiscrimination law, 1961 to 1996. American behavioral
 scientist 41(7), 960–984 (1998)
- $_{436}$ [15] Lipson, D.N.: Where's the justice? affirmative action's severed civil rights roots in the age of diversity. Perspectives on Politics **6**(4), 691–706 (2008)
- ⁴³⁸ [16] Moses, M.S.: Moral and instrumental rationales for affirmative action in five ⁴³⁹ national contexts. Educational Researcher **39**(3), 211–228 (2010)
- ⁴⁴⁰ [17] Frymer, P., Skrentny, J.D.: The rise of instrumental affirmative action: Law and ⁴⁴¹ the new significance of race in america. Conn. L. Rev. **36**, 677 (2003)
- [18] Dworkin, R.: Affirmative action: Is it fair? The Journal of Blacks in Higher
 Education (28), 79–88 (2000)
- [19] Karst, K.L.: The revival of forward-looking affirmative action. Colum. L. Rev.
 104, 60 (2004)
- ⁴⁴⁶ [20] Muthukrishna, M., Henrich, J.: Innovation in the collective brain. Philosophical
 ⁴⁴⁷ Transactions of the Royal Society B: Biological Sciences **371**(1690), 20150192
 ⁴⁴⁸ (2016)
- ⁴⁴⁹ [21] Muldoon, R.: Diversity and the division of cognitive labor. Philosophy Compass ⁴⁵⁰ $\mathbf{8}(2), 117-125 (2013)$
- [22] Mead, M.: Coming of Age in Samoa: A Psychological Study of Primitive Youth
 for Western Civilisation vol. 44. Blue ribbon books, New York, NY (1928)
- [23] Hrdy, S.B.: Mothers and Others: The Evolutionary Origins of Mutual Under standing. Harvard University Press, Cambridge, MA (2009)
- ⁴⁵⁵ [24] Miller, D.T., Taylor, B., Buck, M.L.: Gender gaps: Who needs to be explained?
 Journal of Personality and Social Psychology 61(1), 5 (1991)
- ⁴⁵⁷ [25] Kitayama, S., Markus, H.R., Matsumoto, H., Norasakkunkit, V.: Individual and
 ⁴⁵⁸ collective processes in the construction of the self: self-enhancement in the united
 ⁴⁵⁹ states and self-criticism in japan. Journal of Personality and Social Psychology
 ⁴⁶⁰ **72**(6), 1245 (1997)
- ⁴⁶¹ [26] Morris, M.W., Peng, K.: Culture and cause: American and chinese attributions
 ⁴⁶² for social and physical events. Journal of Personality and Social psychology 67(6),
 ⁴⁶³ 949 (1994)
- ⁴⁶⁴ [27] Peng, K., Nisbett, R.E.: Culture, dialectics, and reasoning about contradiction.
 ⁴⁶⁵ American psychologist 54(9), 741 (1999)
- ⁴⁶⁶ [28] Kozlowski, D., Larivière, V., Sugimoto, C.R., Monroe-White, T.: Intersectional

- inequalities in science. Proceedings of the National Academy of Sciences 119(2),
 2113067119 (2022)
- ⁴⁶⁹ [29] Harrison, D.A., Price, K.H., Bell, M.P.: Beyond relational demography: Time and
 ⁴⁷⁰ the effects of surface-and deep-level diversity on work group cohesion. Academy
 ⁴⁷¹ of management journal 41(1), 96–107 (1998)
- [30] Van Knippenberg, D., De Dreu, C.K., Homan, A.C.: Work group diversity and
 group performance: an integrative model and research agenda. Journal of applied
 psychology 89(6), 1008 (2004)
- [31] Schimmelpfennig, R., Razek, L., Schnell, E., Muthukrishna, M.: Paradox of diversity in the collective brain. Philosophical Transactions of The Royal Society B
 377(1843), 20200316 (2022)
- [32] Jackson, S., May, K., Whitney, K., Guzzo, R., Salas, E.: Understanding the
 dynamics of diversity in decision-making teams. Team effectiveness and decision
 making in organizations/Jossey-Bass (1995)
- [33] Jehn, K.A., Northcraft, G.B., Neale, M.A.: Why differences make a difference: A
 field study of diversity, conflict and performance in workgroups. Administrative
 science quarterly 44(4), 741–763 (1999)
- ⁴⁸⁴ [34] McGrath, J.E., Berdahl, J.L., Arrow, H.: Traits, expectations, culture, and clout:
 ⁴⁸⁵ The dynamics of diversity in work groups. (1995)
- [35] Mannix, E., Neale, M.A.: What differences make a difference? the promise and
 reality of diverse teams in organizations. Psychological Science in the Public
 Interest 6(2), 31–55 (2005)
- ⁴⁸⁹ [36] Wallrich, L., Opara, V., Wesołowska, M., Barnoth, D., Yousefi, S.: The relationship between team diversity and team performance: reconciling promise
 ⁴⁹¹ and reality through a comprehensive meta-analysis registered report. Journal of
 ⁴⁹² Business and Psychology, 1–52 (2024)
- [37] Sulik, J., Bahrami, B., Deroy, O.: The diversity gap: when diversity matters for
 knowledge. Perspectives on Psychological Science 17(3), 752–767 (2022)
- ⁴⁹⁵ [38] Yang, Y., Tian, T.Y., Woodruff, T.K., Jones, B.F., Uzzi, B.: Gender-diverse
 ⁴⁹⁶ teams produce more novel and higher-impact scientific ideas. Proceedings of the
 ⁴⁹⁷ National Academy of Sciences **119**(36), 2200841119 (2022)
- ⁴⁹⁸ [39] Freeman, R.B., Huang, W.: Collaboration: Strength in diversity. Nature
 ⁴⁹⁹ 513(7518), 305–305 (2014)
- ⁵⁰⁰ [40] Merton, R.K.: Priorities in scientific discovery: a chapter in the sociology of ⁵⁰¹ science. American sociological review **22**(6), 635–659 (1957)

- [41] Rauch, J.: The Constitution of Knowledge: A Defense of Truth. Brookings
 Institution Press, Washington, DC (2021)
- [42] Sunstein, C.R.: Why Societies Need Dissent. Harvard University Press, Cambridge, MA (2005)
- [43] Shi, F., Teplitskiy, M., Duede, E., Evans, J.A.: The wisdom of polarized crowds.
 Nature Human Behaviour 3(4), 329–336 (2019)
- [44] Levine, S.S., Apfelbaum, E.P., Bernard, M., Bartelt, V.L., Zajac, E.J., Stark, D.:
 Ethnic diversity deflates price bubbles. Proceedings of the National Academy of
 Sciences 111(52), 18524–18529 (2014)
- [45] Putnam, R.D.: E pluribus unum: Diversity and community in the twenty-first
 century the 2006 johan skytte prize lecture. Scandinavian Political Studies 30(2),
 137–174 (2007)
- [46] Aggarwal, I., Woolley, A.W.: Do you see what i see? the effect of members' cognitive styles on team processes and errors in task execution. Organizational Behavior and Human Decision Processes 122(1), 92–99 (2013)
- [47] Dinesen, P.T., Schaeffer, M., Sønderskov, K.M.: Ethnic diversity and social trust:
 A narrative and meta-analytical review. Annual Review of Political Science 23(1),
 441–465 (2020)
- ⁵²⁰ [48] Muldoon, R.: The paradox of diversity. Geo. JL & Pub. Pol'y 16, 807 (2018)
- [49] Phillips, K.W., Liljenquist, K.A., Neale, M.A.: Is the pain worth the gain? the
 advantages and liabilities of agreeing with socially distinct newcomers. Personality
 and Social Psychology Bulletin 35(3), 336–350 (2009)
- [50] Sommers, S.R.: On racial diversity and group decision making: identifying multi ple effects of racial composition on jury deliberations. Journal of Personality and
 Social Psychology 90(4), 597 (2006)
- [51] Emrey-Arras, M.: Higher education: Employment discrimination case referrals
 between education and the equal employment opportunity commission could
 be improved. report to congressional requesters. gao-24-105516. US Government
 Accountability Office (2024)
- [52] Universities Canada: Equity, Diversity and Inclusion at Canadian Universities:
 Report on the 2019 National Survey. Universities Canada Ottawa (2019)
- ⁵³³ [53] Higher Education Statistics Agency: Higher Education Staff Statis ⁵³⁴ tics: UK, 2022/23 (2024). https://www.hesa.ac.uk/news/16-01-2024/
 ⁵³⁵ sb267-higher-education-staff-statistics Accessed 2024-10-10

- [54] This research is based on data from the National Longitudinal Survey of Freshmen, a project designed by Douglas S. Massey and Camille Z. Charles and funded by the Mellon Foundation and the Atlantic Philanthropies
- ⁵³⁹ [55] Fairlie, R.W., Hoffmann, F., Oreopoulos, P.: A community college instructor like
 ⁵⁴⁰ me: Race and ethnicity interactions in the classroom. American Economic Review
 ⁵⁴¹ 104(8), 2567-2591 (2014)
- [56] Koch, J.V., Zahedi, Z.: The effects of role models on college graduation rates.
 Journal of Economics and Finance 43, 607–617 (2019)
- ⁵⁴⁴ [57] Hoffmann, F., Oreopoulos, P.: A professor like me: The influence of instructor gender on college achievement. Journal of Human Resources 44(2), 479–494 (2009)
- ⁵⁴⁷ [58] Carrell, S.E., Page, M.E., West, J.E.: Sex and science: How professor gender
 ⁵⁴⁸ perpetuates the gender gap. The Quarterly Journal of Economics 125(3), 1101–
 ⁵⁴⁹ 1144 (2010)
- ⁵⁵⁰ [59] Maurer, S., Schwerdt, G., Wiederhold, S.: Do role models matter in large ⁵⁵¹ classes? New evidence on gender match effects in higher education. Preprint at ⁵⁵² https://papers.ssrn.com/sol3/papers.cfm?abstract_id = 4329467(2023)
- [60] Rask, K.N., Bailey, E.M.: Are faculty role models? evidence from major choice in an undergraduate institution. The Journal of Economic Education 33(2), 99–124 (2002)
- [61] Kofoed, M.S., *et al.*: The effect of same-gender or same-race role models on occu pation choice: Evidence from randomly assigned mentors at west point. Journal
 of Human Resources 54(2), 430–467 (2019)
- ⁵⁵⁹ [62] Bettinger, E.P., Long, B.T.: Do faculty serve as role models? the impact of
 ⁵⁶⁰ instructor gender on female students. American Economic Review 95(2), 152–157
 ⁵⁶¹ (2005)
- ⁵⁶² [63] Griffith, A.L.: Persistence of women and minorities in stem field majors: Is it the ⁵⁶³ school that matters? Economics of Education Review **29**(6), 911–922 (2010)
- [64] Canes-Wrone, B., Rosen, H.S.: Following in her footsteps? Women's choices of
 college majors and faculty gender composition. National Bureau of Economic
 Research Cambridge, Mass., USA (1994)
- ⁵⁶⁷ [65] Dynan, K.E., Rouse, C.E.: The underrepresentation of women in economics: A
 ⁵⁶⁸ study of undergraduate economics students. The Journal of Economic Education
 ⁵⁶⁹ 28(4), 350-368 (1997)
- 570 [66] Stout, J.G., Dasgupta, N., Hunsinger, M., McManus, M.A.: Steming the tide:

- ⁵⁷¹ using ingroup experts to inoculate women's self-concept in science, technol ⁵⁷² ogy, engineering, and mathematics (stem). Journal of Personality and Social
 ⁵⁷³ Psychology **100**(2), 255 (2011)
- ⁵⁷⁴ [67] Shin, J.E.L., Levy, S.R., London, B.: Effects of role model exposure on stem
 ⁵⁷⁵ and non-stem student engagement. Journal of Applied Social Psychology 46(7),
 ⁵⁷⁶ 410–427 (2016)
- [68] Clampitt, S.: Female faculty in stem fields effect on students'implicit association.
 PhD thesis, University of Delaware (2018)
- [69] Mellers, B., Hertwig, R., Kahneman, D.: Do frequency representations eliminate
 conjunction effects? an exercise in adversarial collaboration. Psychological Science
 12(4), 269–275 (2001)
- [70] Clark, C.J., Costello, T., Mitchell, G., Tetlock, P.E.: Keep your enemies close:
 Adversarial collaborations will improve behavioral science. Journal of Applied
 Research in Memory and Cognition 11(1), 1 (2022)
- [71] Intemann, K.: Why diversity matters: Understanding and applying the diversity
 component of the national science foundation's broader impacts criterion. Social
 Epistemology 23(3-4), 249–266 (2009)
- ⁵⁸⁸ [72] O'Meara, K., Culpepper, D., Templeton, L.L.: Nudging toward diversity: Apply ⁵⁸⁹ ing behavioral design to faculty hiring. Review of Educational Research 90(3),
 ⁵⁹⁰ 311-348 (2020)
- ⁵⁹¹ [73] Blair-Loy, M., Mayorova, O.V., Cosman, P.C., Fraley, S.I.: Can rubrics combat ⁵⁹² gender bias in faculty hiring? Science **377**(6601), 35–37 (2022)
- [74] Kazmi, M.A., Spitzmueller, C., Yu, J., Madera, J.M., Tsao, A.S., Dawson,
 J.F., Pavlidis, I.: Search committee diversity and applicant pool representation
 of women and underrepresented minorities: A quasi-experimental field study.
 Journal of Applied Psychology 107(8), 1414 (2022)
- [75] Liu, F., Rahwan, T., AlShebli, B.: Non-white scientists appear on fewer editorial
 boards, spend more time under review, and receive fewer citations. Proceedings
 of the National Academy of Sciences 120(13), 2215324120 (2023)
- [76] Amano, T., Ramírez-Castañeda, V., Berdejo-Espinola, V., Borokini, I., Chowdhury, S., Golivets, M., González-Trujillo, J.D., Montaño-Centellas, F., Paudel, K.,
 White, R.L., *et al.*: The manifold costs of being a non-native english speaker in science. PLoS Biology **21**(7), 3002184 (2023)
- ⁶⁰⁴ [77] Bouville, M.: Is diversity good? six possible conceptions of diversity and six ⁶⁰⁵ possible answers. Science and Engineering Ethics **14**, 51–63 (2008)
 - 19

- [78] Tosi, J., Warmke, B.: Grandstanding: The Use and Abuse of Moral Talk. Oxford
 University Press, New York, NY (2020)
- [79] Patch, W.: Class of 2023 Fall Senior Survey (2022). https://www.niche.com/
 about/enrollment-insights/class-of-2023-fall-senior-survey/ Accessed 2024-09-27
- [80] Pippert, T.D., Essenburg, L.J., Matchett, E.J.: We've got minorities, yes we
 do: Visual representations of racial and ethnic diversity in college recruitment
 materials. Journal of Marketing for Higher Education 23(2), 258–282 (2013)
- [81] Clark, C., Isch, C., Everett, J., Shariff, A.: Politicization undermines trust
 in institutions, even among the ideologically aligned public. Preprint at
 https://osf.io/preprints/psyarxiv/sfubr (2023)
- ⁶¹⁶ [82] Survey materials and anonymized data are available online at ⁶¹⁷ https://osf.io/96jm8/?view_nly = 8f7020c5f40d427cb06cf9fb564bf843
- [83] Wapman, K.H., Zhang, S., Clauset, A., Larremore, D.B.: Quantifying hierarchy and dynamics in us faculty hiring and retention. Nature 610(7930), 120–127 (2022)
- 621 [84] University of California Regents V. Bakke, 438 U.S. 265 (1978)
- [85] California Proposition 209 (1996). https://ballotpedia.org/California_
 Proposition_209, Affirmative_Action_Initiative_(1996). Passed November 5, 1996
- [86] Students for Fair Admissions, Inc. V. President Fellows of Harv. Coll., 600 U.S.
 181 (2023)