Gender Minority PA Applicants and Matriculation Likelihood

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Background

- Gender minority is an undermeasured diversity component of PA programs[1]
- Since the start of centralized application (CASPA) applicants have been able to self-identify as only 3 categories:
  - Male, Female, and Decline to answer[1]
- 2020-2021 Cohort[2]
  - 8 Gender Identity Options

Methods

- Participants included all applicants in the 2020-2021 CASPA cycle
- Logistic regression utilized to investigate associations between self-identified gender minority status and likelihood of program matriculation
- Bivariate and multivariable regression models controlled for important potential confounders including:
  - Total undergraduate GPA
  - Race/ethnicity
  - Patient care experience
  - Number of Programs Applied

References:

	Matriculated 8325 (27.64)	Non-matriculated 21798 (72.36)	Total 30123
Gender			
Female	6418 (77.09)	16165 (74.16)	22583 (74.97)
Male	1878 (22.56)	5528 (25.36)	7406 (24.59)
Minority	13 (0.16)	50 (0.23)	63 (0.21)
Decline to answer	16 (0.19)	55 (0.25)	71 (0.24)

Gender Identity Options

Female
Male
Trans Female
Trans Male
Gender Queer
Indigenous and/or cultural gender minority
Self Describe
Decline to State

Results

- Of 30,123 applicants, 63 (0.21%) self-identified as a gender minority
- Of total applicant pool, 8,325 (27.64%) were ultimately matriculated into a PA program compared to 13 (20.63%) of gender minority applicants
- Unadjusted models: gender minority status associated with non-significant lower likelihood of matriculation (OR: 0.68, 95% CI: 0.37, 1.25)
- Unchanged in fully-adjusted models controlling for academic achievement, age, race/ethnicity, experience, (OR: 0.83, 95% CI: 0.51, 1.35)

Discussion

- Finding 0.21% of PA program applicant pool self-identifying as gender minority possible concern
- Current estimates of population prevalence of gender minorities in the US are between 0.7-2.0%[3]
- Gen Z prevalence up to 10x higher than prior gen[4]
  - Reluctance to disclose?
  - Gender minority in lower prevalence in applicant pool?
  - Equal access for this group?