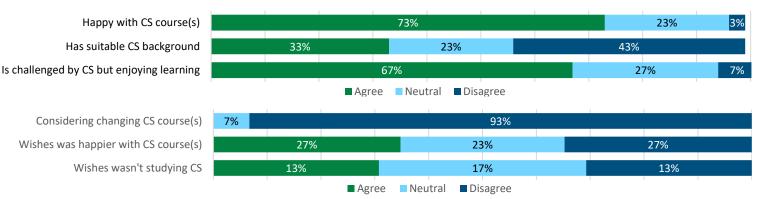




African American Computer Science (CS) Undergraduate Students' Academic CS Perceptions and Future CS Plans

The majority of students are satisfied with CS courses.



Note. n = 38. Results may not sum to 100% due to rounding or responses such as "don't know," "refused to respond," and "other."

Sense of CS community is positive, but it could be further improved.

There are professors/TAs in CS classes of same race/ethnicity
There are CS majors/minors from same race/ethnicity in other cohorts
There are individuals of same race/ethnicity in CS clubs/groups in college
There are individuals of same race/ethnicity in CS classes
Comfortable speaking up in CS class(es)
Comfortable asking a CS professor for help
Comfortable asking a CS TA for help
Comfortable asking other CS students for help
Comfortable seeking help from a CS faculty on non-class CS questions
Knows few people in CS classes

30%	7%		63%				
	60%		27%		13%		
	63%		23%		13%		
	70%			10%		20%	
	60%		23%		17%		
	57%		17%		27%		
	77%				13%	10%	
	67%			17%		17%	
	60%		20%	20%		20%	
	77%	/ 0		1	10%	13%	

Agree Neutral Disagree

Note. n = 38. Results may not sum to 100% due to rounding or responses such as "don't know," "refused to respond," and "other."

Tips for students to create a sense of program community

- 1. Get to know individuals with similar backgrounds in your CS classes.
- 2. Get comfortable asking CS TAs for help.
- 3. Get to know at least 3 people in your CS class, regardless of their background.

For more information on this study or about IAAMCS, find us on our <u>website</u>. This project was funded by the National Science Foundation award #2216622.