IceCube Masterclasses Brussels Evaluation
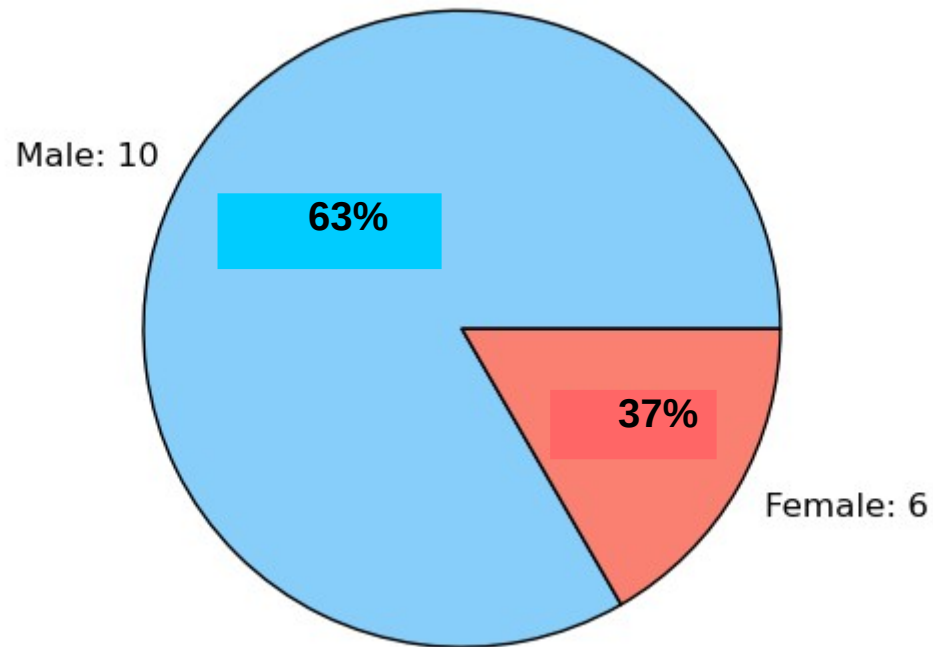
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- a) What grade are you in?

  – 7 Students were in their exam year (6th)

  – 9 Students were in the year before the exam year (5th)

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- b) Are you male or female
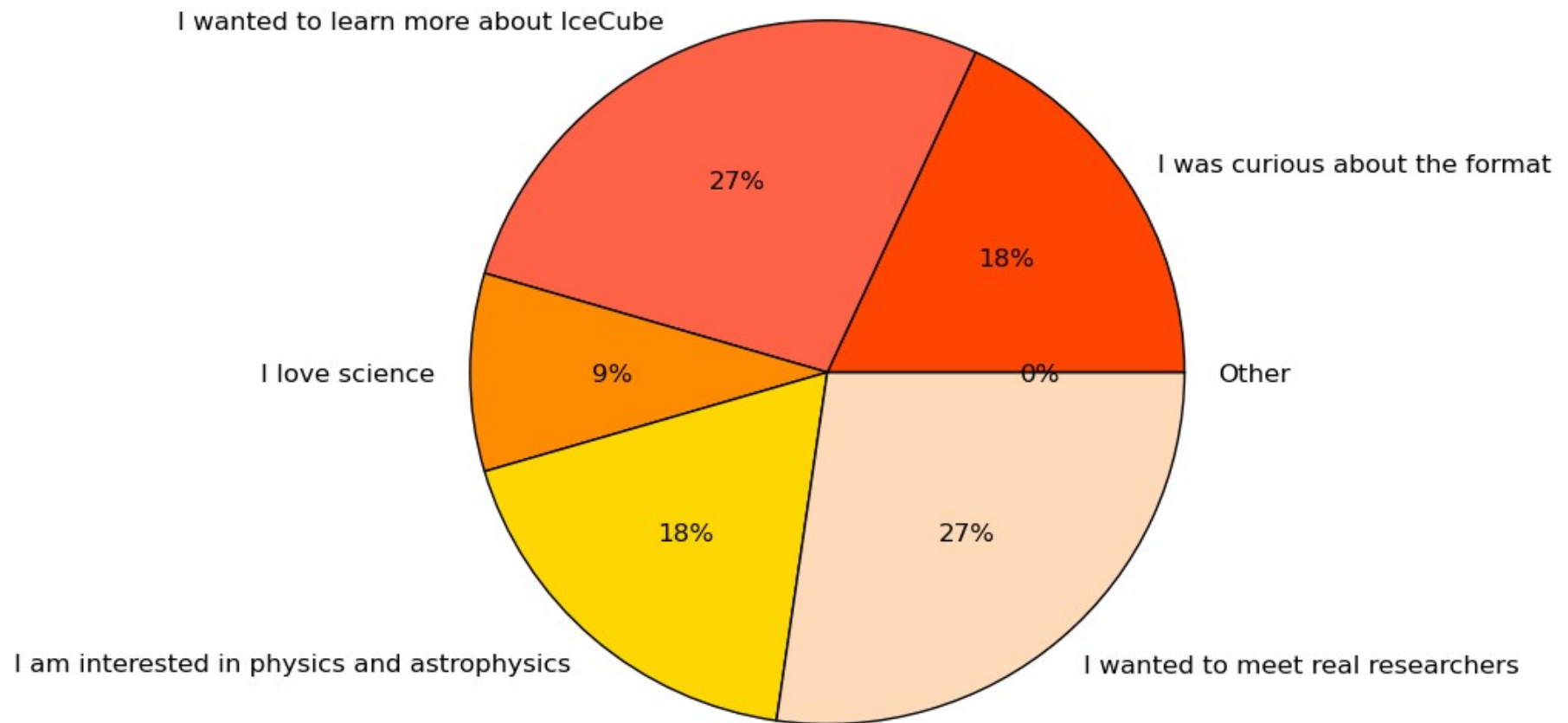 - Total 16 students, 10 males and 6 females.

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- c) Where did you hear about this masterclass?

  – Two different school classes were invited directly by us.

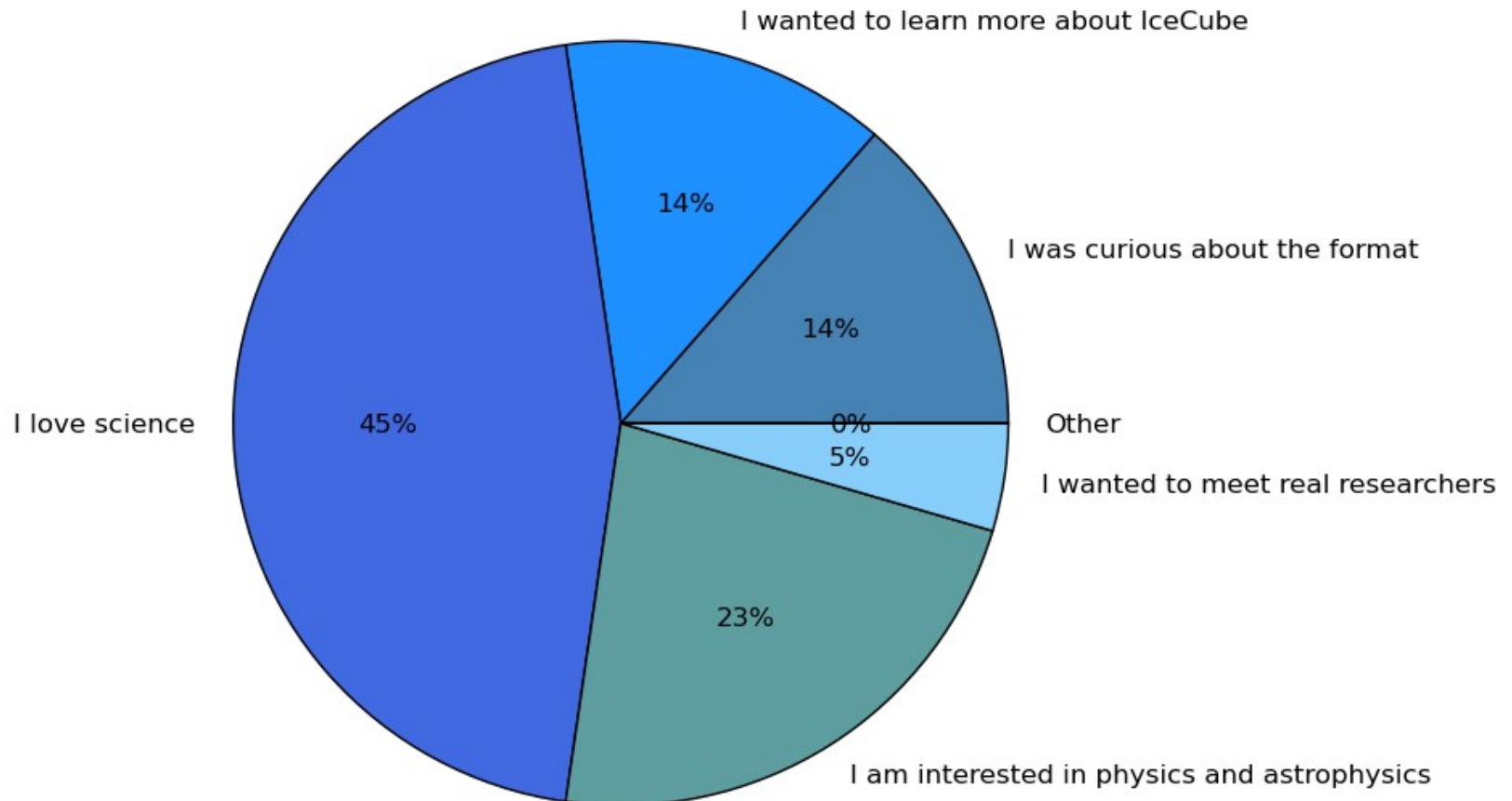 – Two students were informed by one of our researchers.

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- d) What was your motivation to participate in the IceCube masterclass? Female:

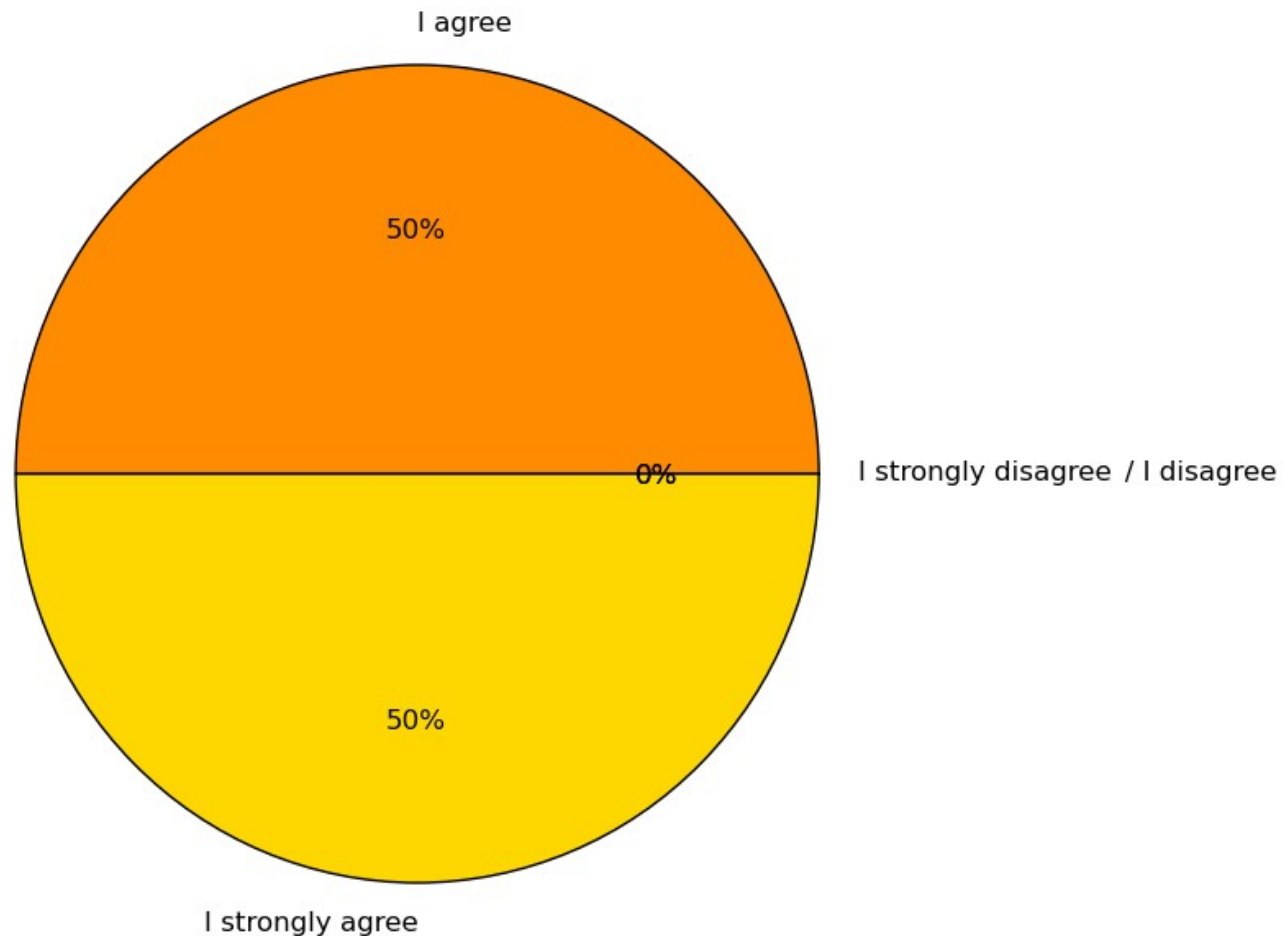# IceCube Masterclasses Brussels Evaluation

- d) What was your motivation to participate in the IceCube masterclass? Male:

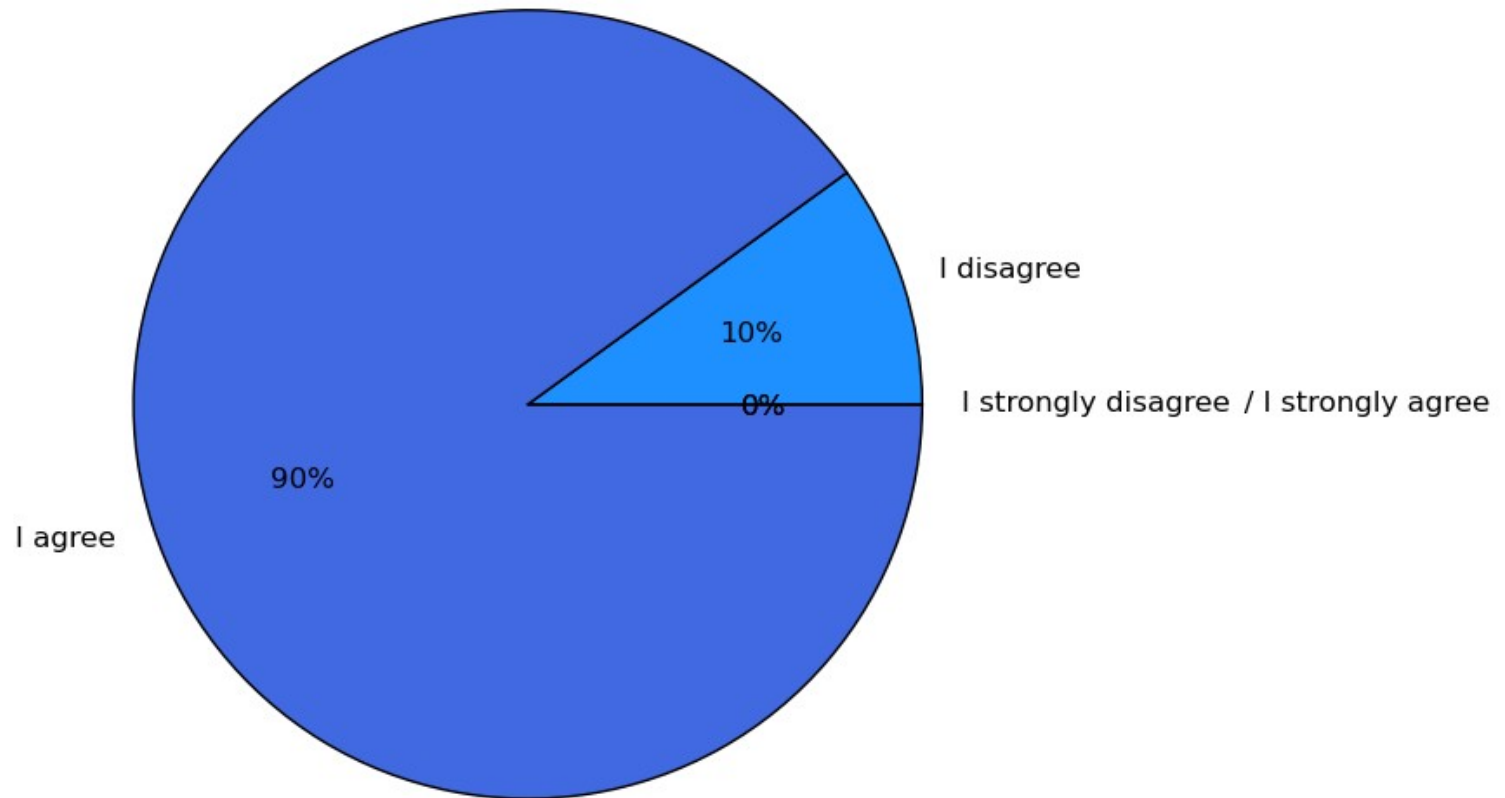# IceCube Masterclasses Brussels Evaluation

- e) General assesment of the Masterclass: "The schedule was well organized". Female:

IceCube Masterclasses Brussels Evaluation

- e) General assesment of the Masterclass: "The schedule was well organized". Male:

IceCube Masterclasses Brussels Evaluation

- f) Asses this event: A-E (excellent-very bad!):

– <u>South Pole Webcast</u>

Male: A:1 ; B:3 ; C:0 ; D:1 ; E:0

Female: A:0 ; B:0 ; C:1 ; D:0 ; E:0

– <u>Lectures</u>

Male: A:3 ; B:5 ; C:2 ; D:0 ; E:0

Female: A:1 ; B:4 ; C:1 ; D:0 ; E:0

– <u>Analysis activities</u>

Male: A:2 ; B:5 ; C:3 ; D:0 ; E:0

Female: A:2 ; B:4 ; C:0 ; D:0 ; E:0

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- g) What did you like most about the masterclass?

  (M=male ; F=female)

  - South-Pole talks: M:2 ; F:5
  - Analysis: M:5 ; F:2
  - Francis Halzen lecture: M:4 ; F:2
  - Neutrino's (general):   M:3 ; F:2
  - Getting to know research(ers): M:2 ; F:3
  - No answer: M:2 ; F:2

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- h) What did you like less about the masterclass?

  - Nothing: M:3 ; F:2
  - Not interactive enough: M:3 ; F:0
  - English: M:0 ; F:2
  - Lecture duration (too long):   M:1 ; F:1
  - Part of the content: M:2 ; F:0
  - Facilities (room+lunch):   M:2 ; F:0
  - Total duration (had to leave early): M:0 ; F:1
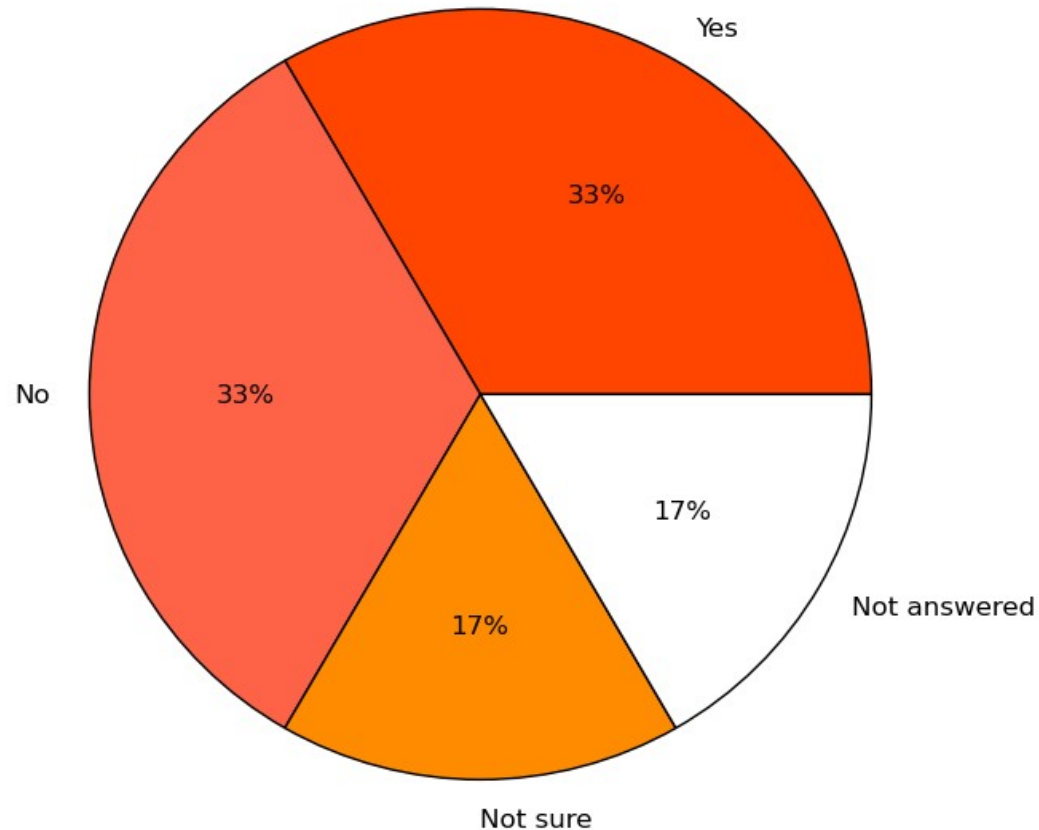
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- i) What were the two things that you think you'll most remember from this masterclass?

    – South-Pole: M:3 ; F:4
    – IceCube: M:4 ; F:0
    – Analysis (P-val / event browser):   M:3 ; F:0
    – Neutrinos: M:2 ; F:1
    – All: M:2 ; F:0
    – Nothing: M:2 ; F:0
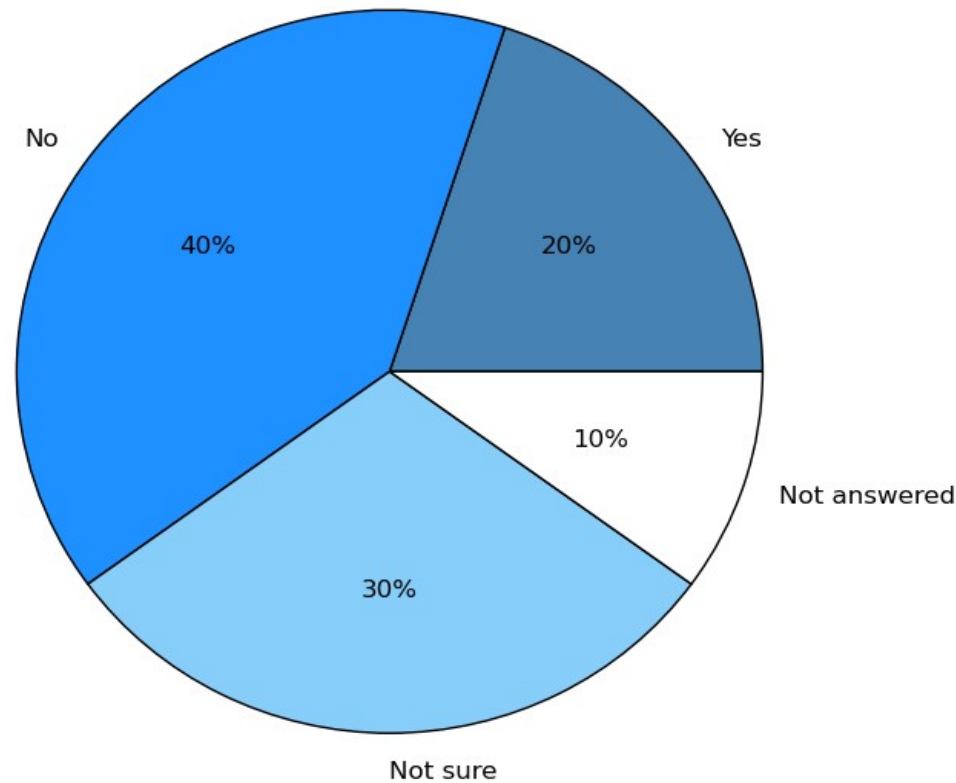
IceCube Masterclasses Brussels Evaluation

- j) Do you think your experience today will help you with school science classes? Female:

IceCube Masterclasses Brussels Evaluation

- j) Do you think your experience today will help you with school science classes? Male:
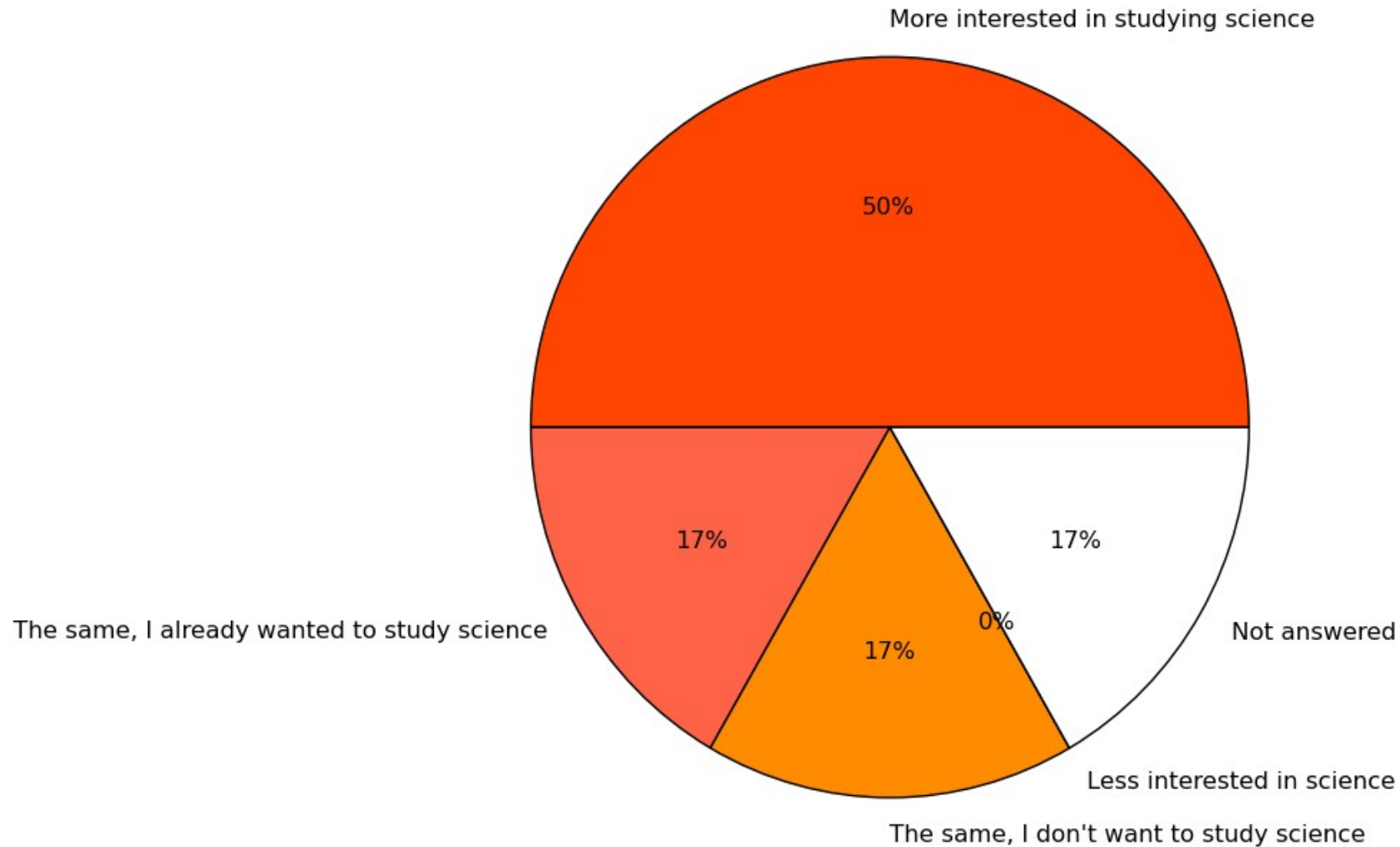
IceCube Masterclasses Brussels Evaluation

- j) Do you think your experience today will help you with school science classes? Why?

   – <u>Yes:</u> 1) No reason given: M:1 ; F:1

          2) Useful at the university: M:1 ; F:0

    3) Realization of the importance of

            science :   M:0 ; F:1

   – <u>No:</u> 1) No reason given: M:1; F:1

          2) Not in the curriculum: M:3 ; F:0

   – <u>Not sure:</u> 1) No reason given: M:2 ; F:1

          2) Not in the curriculum: M:1 ; F:0

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- k) Did the masterclass make you feel... Female:

More interested in studying science

50%

17% 17%

The same, I already wanted to study science

0%

17%

Not answered

Less interested in science
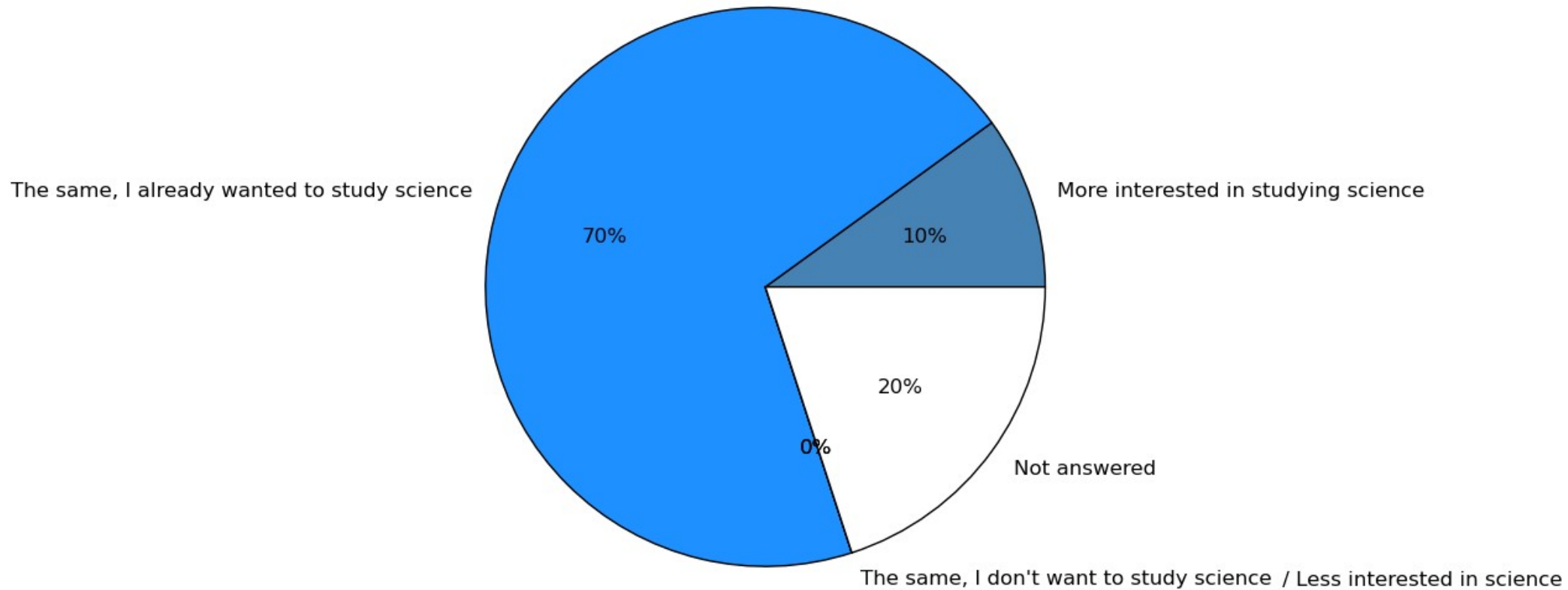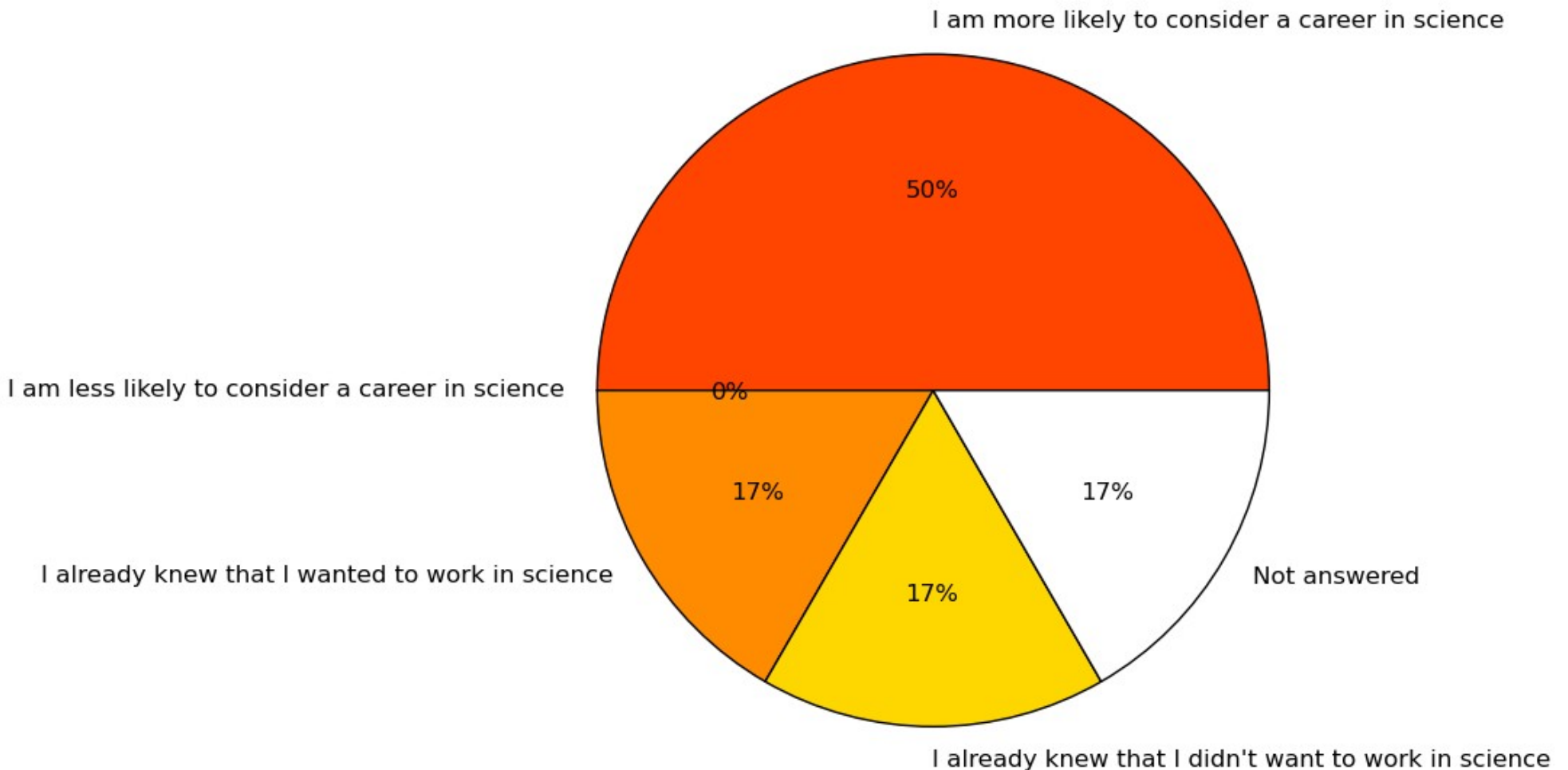
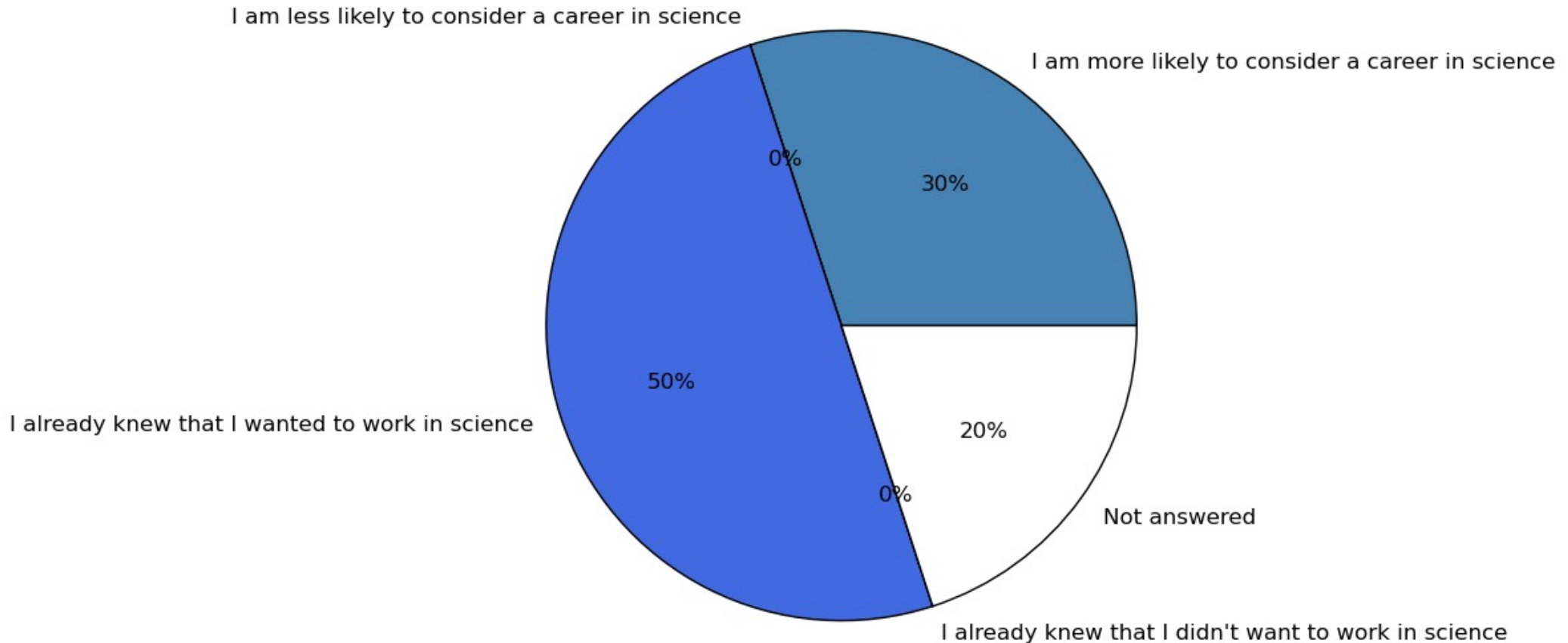The same, I don't want to study science

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- k) Did the masterclass make you feel... Male:

IceCube Masterclasses Brussels Evaluation

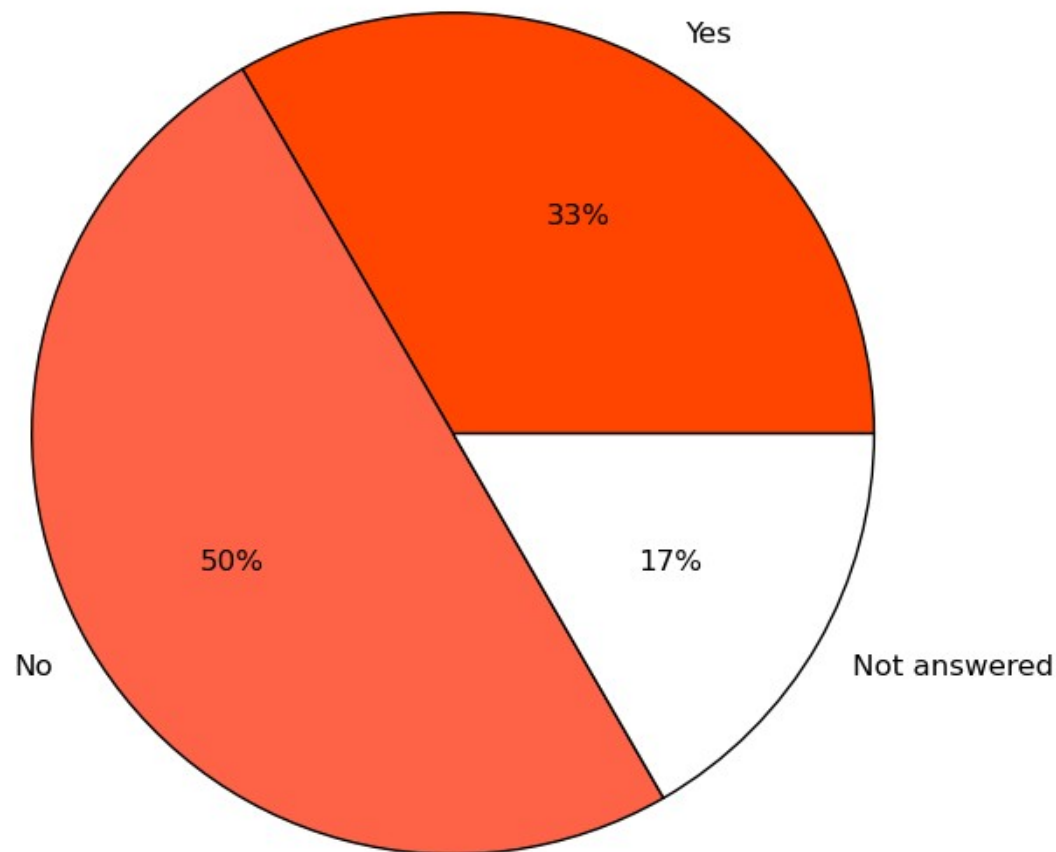- l) Did the masterclass make you feel... Female:

IceCube Masterclasses Brussels Evaluation

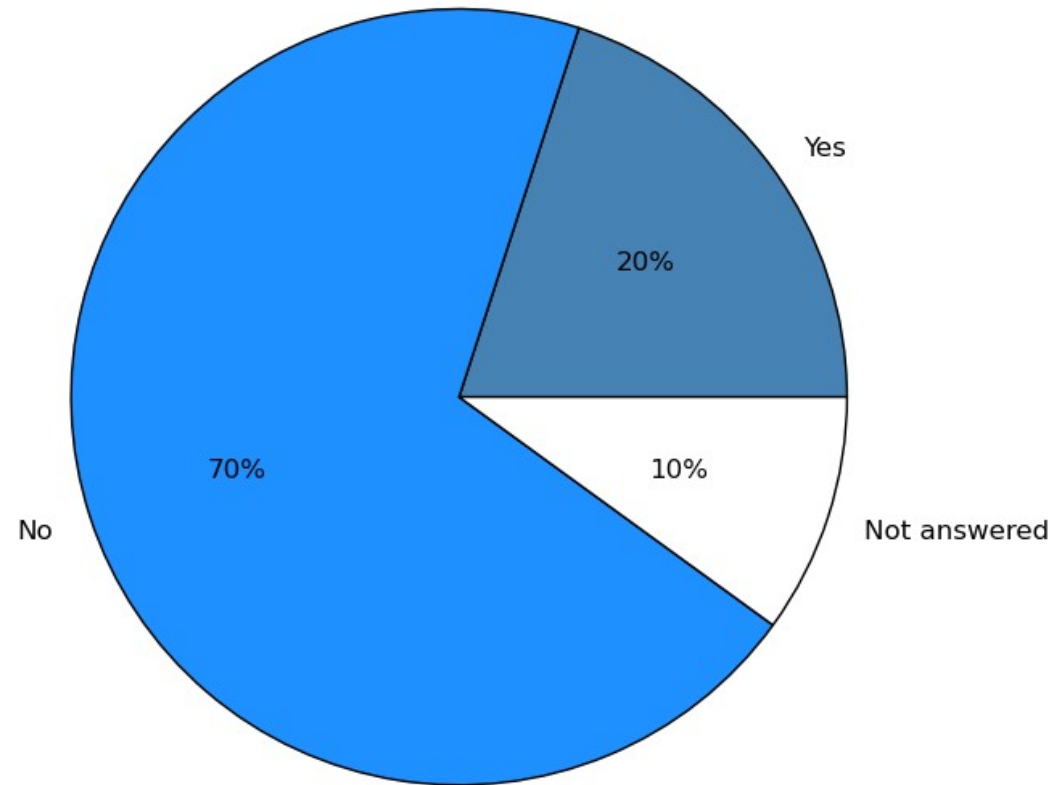- l) Did the masterclass make you feel... Male:

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- m) Had you heard of IceCube before this masterclass? Female:

IceCube Masterclasses Brussels Evaluation

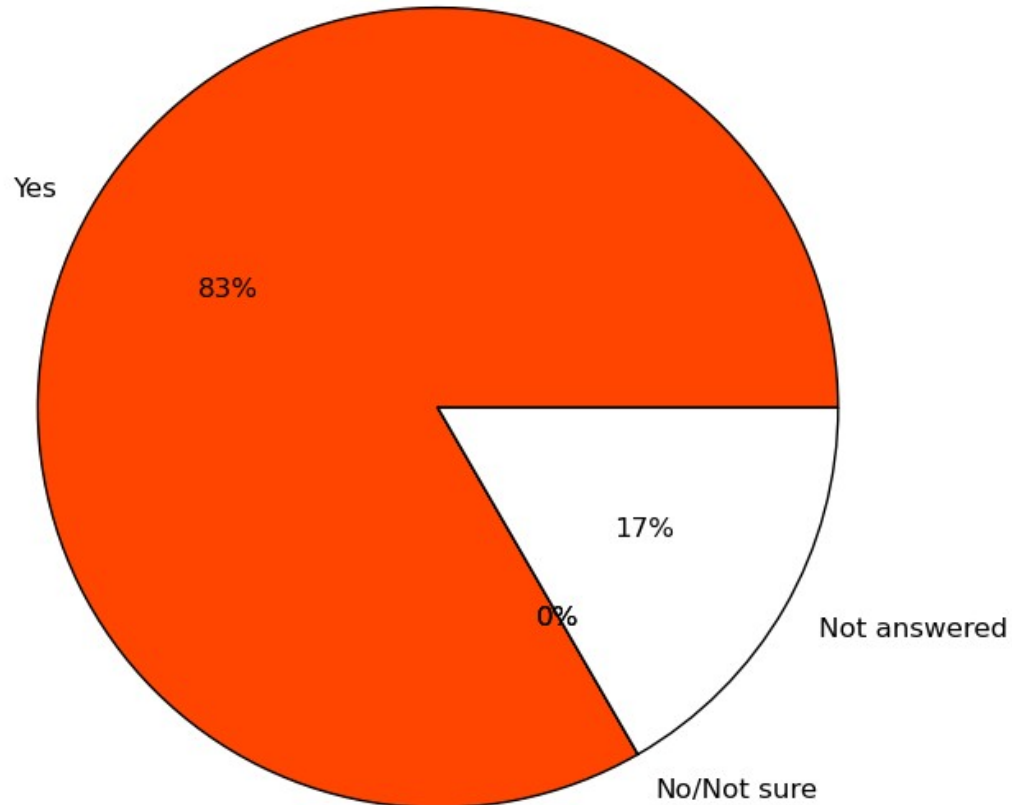- m) Had you heard of IceCube before this masterclass? Male:

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- n) What do you think of the research in IceCube?

  – Goal of IC is not completely clear: M:2 ; F:0

  – Interesting/good: M:8 ; F:4

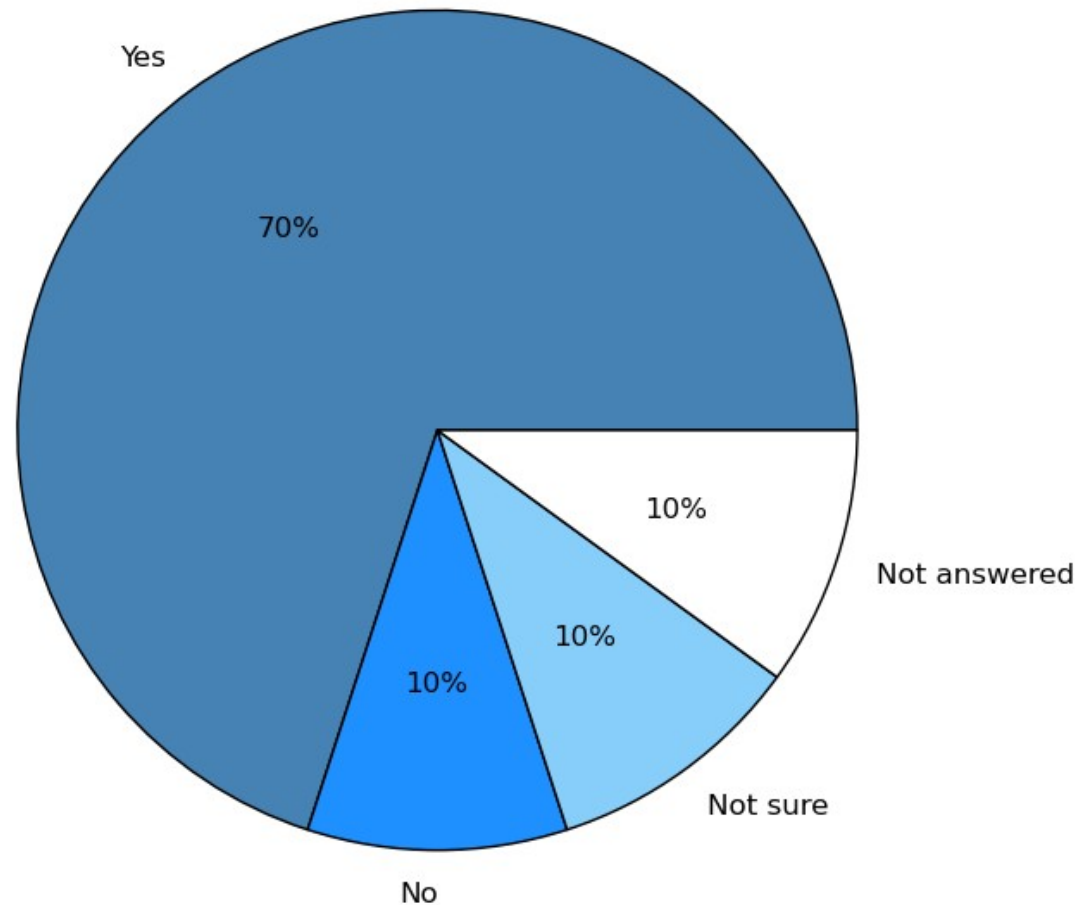 – Nothing/no answer: M:2 ; F:2

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- o) Would you recommend the IceCube Masterclass to other students? Female:

IceCube Masterclasses Brussels Evaluation

- o) Would you recommend the IceCube Masterclass to other students? Male:

IceCube Masterclasses Brussels Evaluation

- o) Would you recommend the IceCube Masterclass to other students? Why?

  – <u>Yes:</u> 1) Learned about IC in general: M:1 ; F:2

  2) Great experience: M:3 ; F:1

  3) Well prepared: M:2 ; F:2

  4) No answer: M:2 ; F:1

  – <u>No:</u> 1) A bit too long: M:1 ; F:0

  – <u>Not sure:</u> 1) Only for those interested in

  physics: M:1 ; F:0

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- p) Do you have any other comments or suggestions?

  – Maybe do not split the analysis parts (1 student)