

Differentiating for Comfort with Computer Science

More Challenge, More Support

Carter Zenke

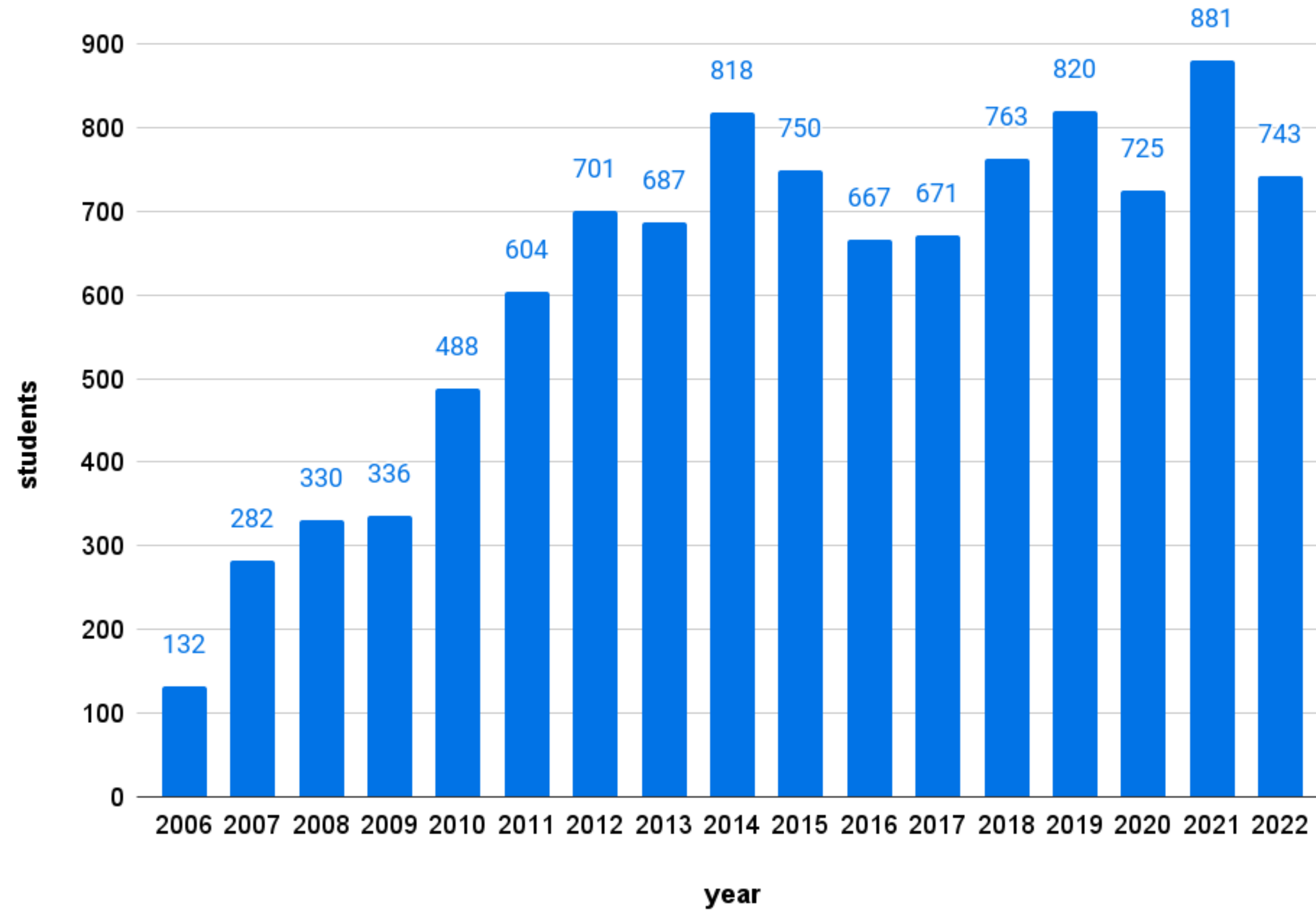
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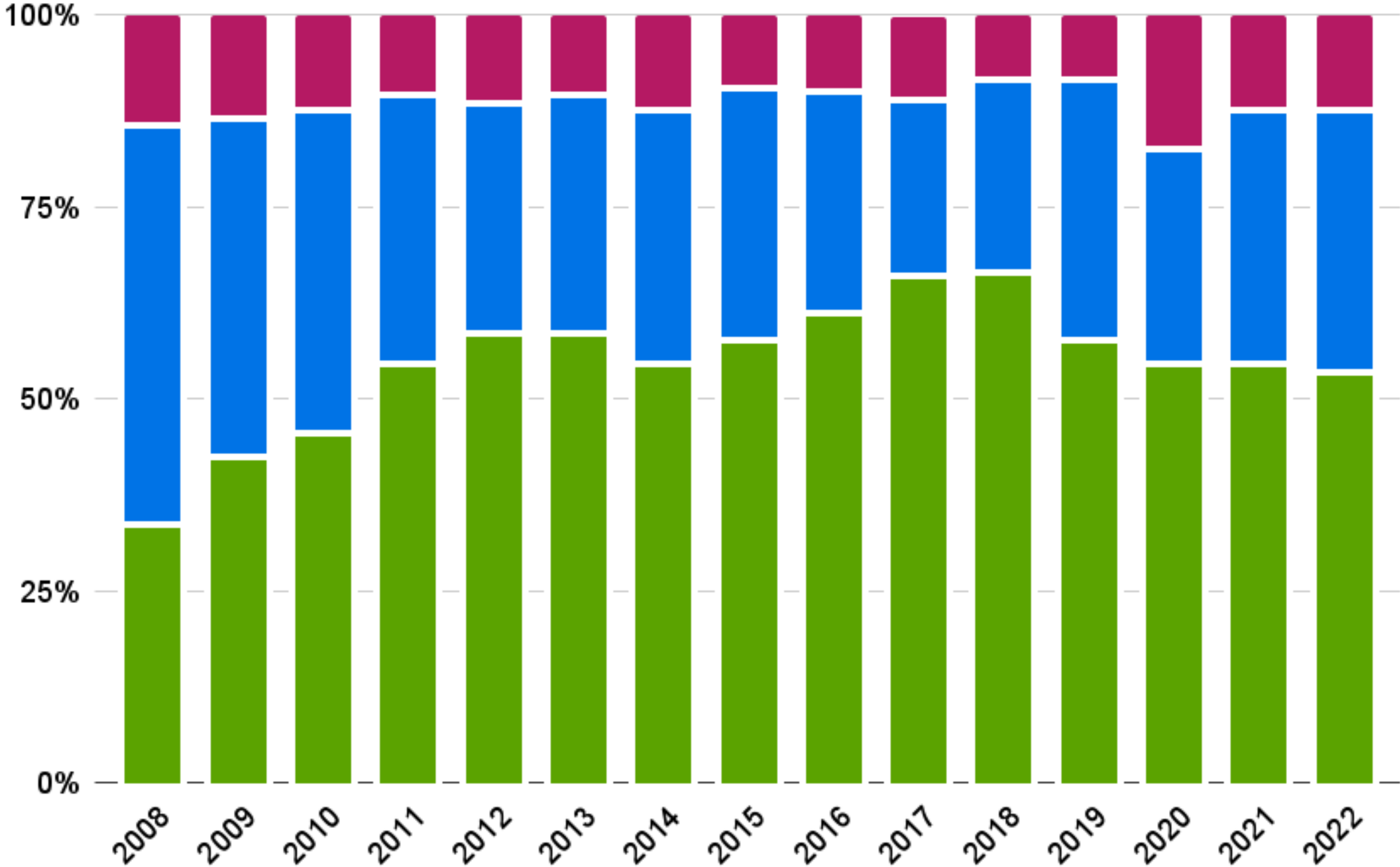
<https://cs50.ly/sigcse23-lightning-talk>

Enrollment



Comfort

more comfortable somewhere in between less comfortable



"Those less comfortable and somewhere in between are not at a disadvantage vis-à-vis those more comfortable."

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Assignments by Comfort Level

Sections by Comfort Level

Assignments by Comfort Level

Sections by Comfort Level

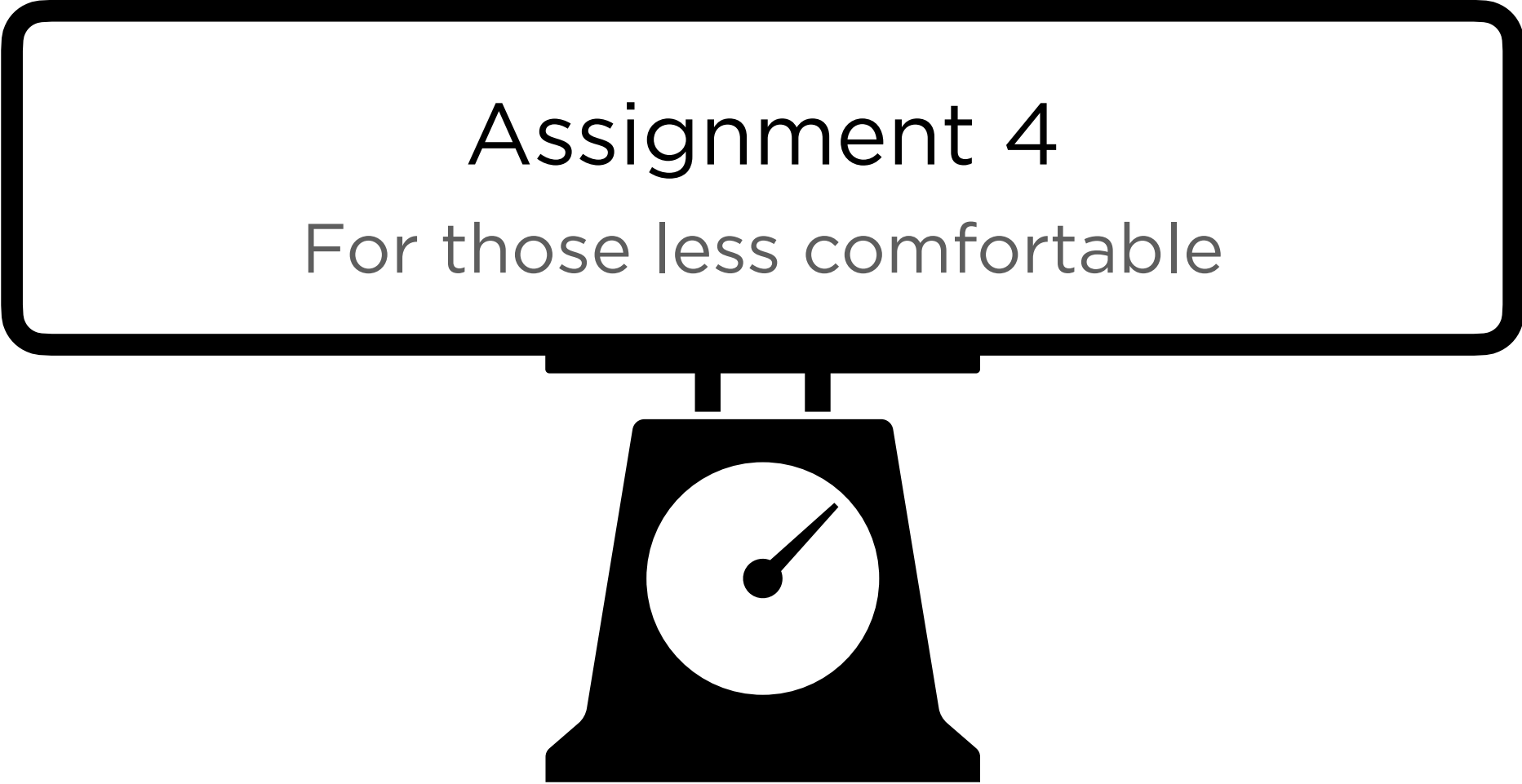
Assignment 4

Assignment 4

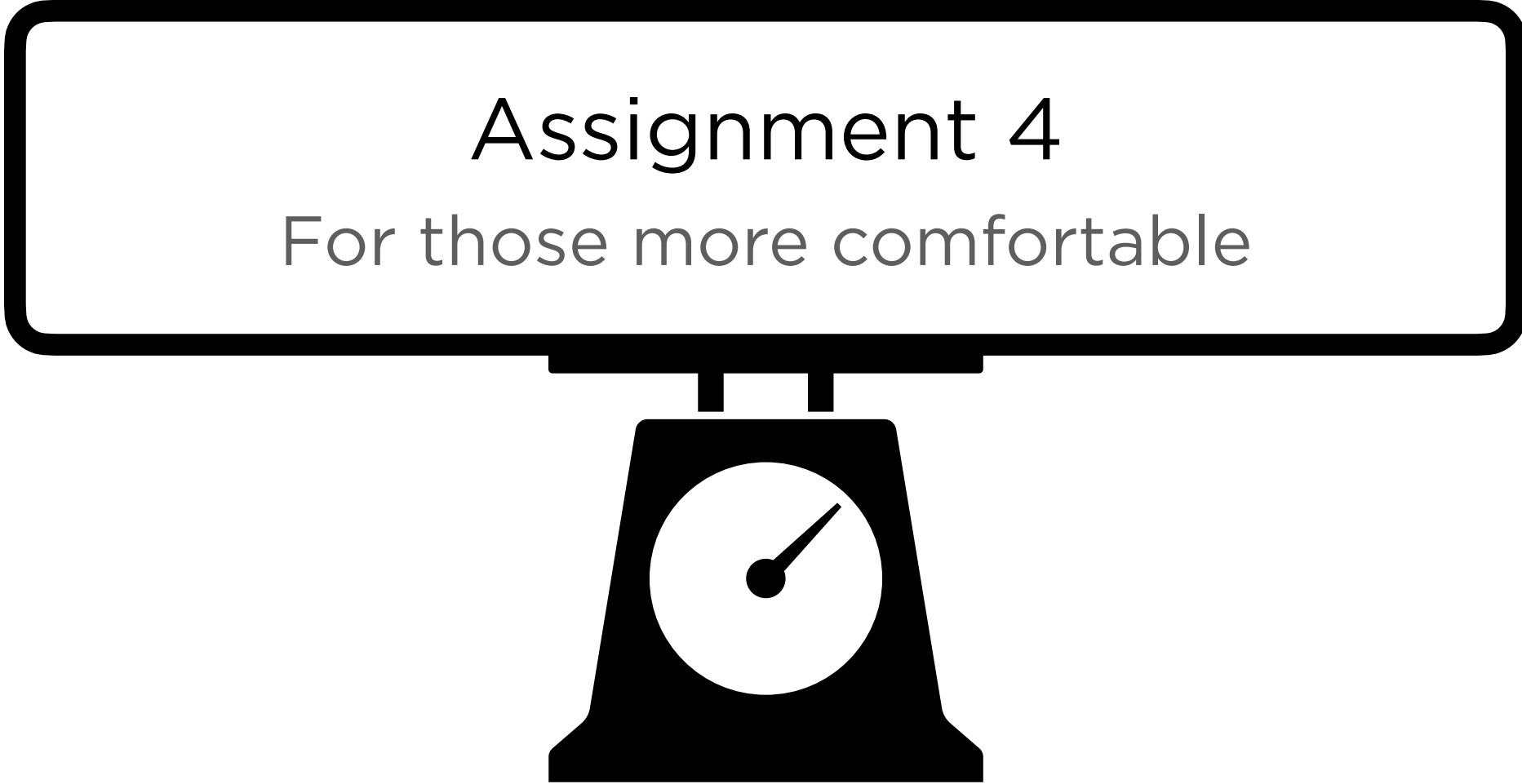
For those more comfortable

Assignment 4

For those less comfortable



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Offer more comfortable students an opportunity to extend an assignment's functionality.



Offer more comfortable students an opportunity to extend an assignment's functionality.



Offer more comfortable students an opportunity to extend an assignment's functionality.

Assignments by Comfort Level
Sections by Comfort Level

Sections

Sections

For those more comfortable

Sections

For those somewhere in between

Sections

For those less comfortable

Sections

For those more comfortable

Sections

For those somewhere in between

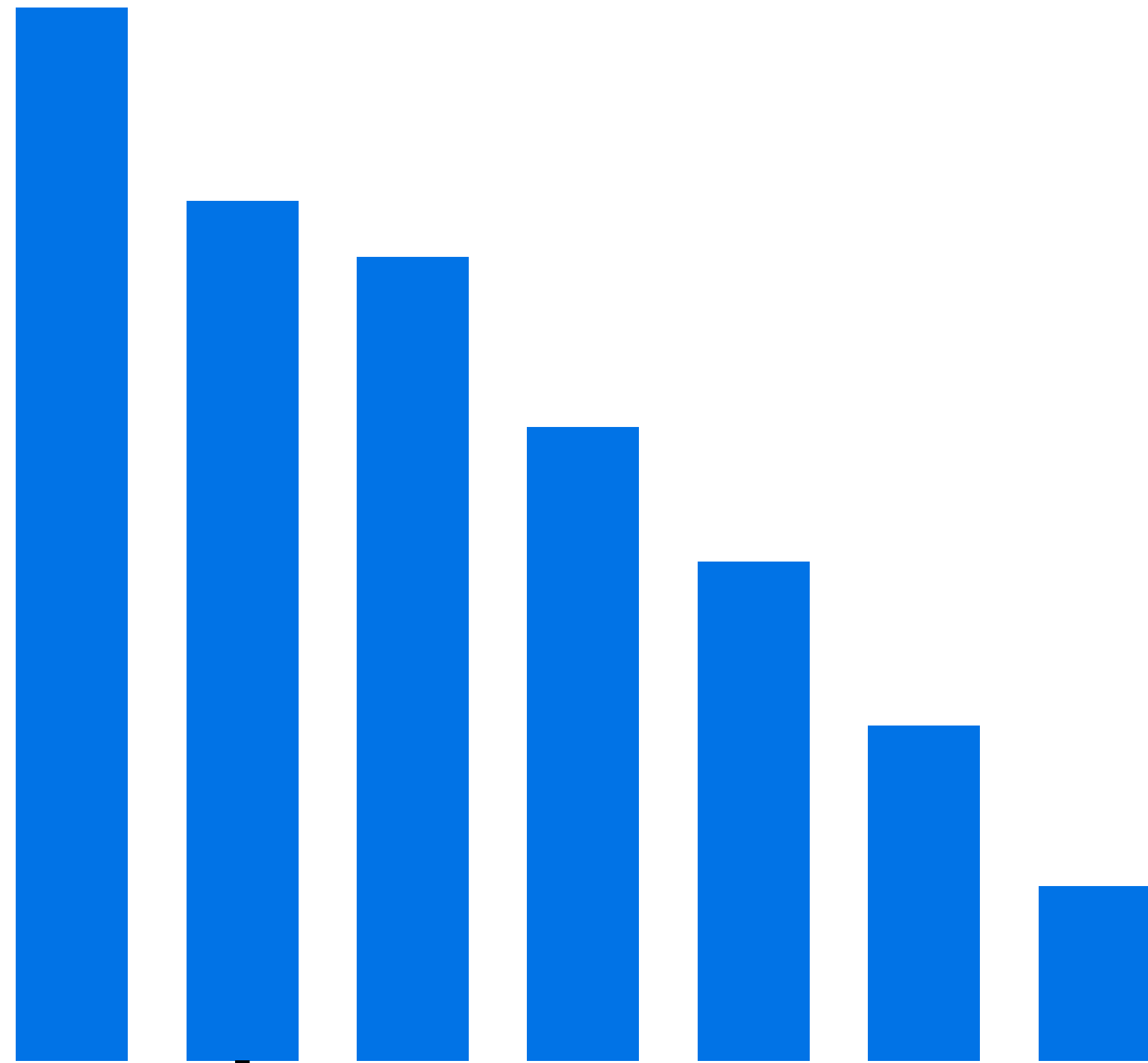
Sections

For those less comfortable

"I felt **very comfortable** asking simple questions about every part of lecture. **I never felt afraid of looking stupid.**"

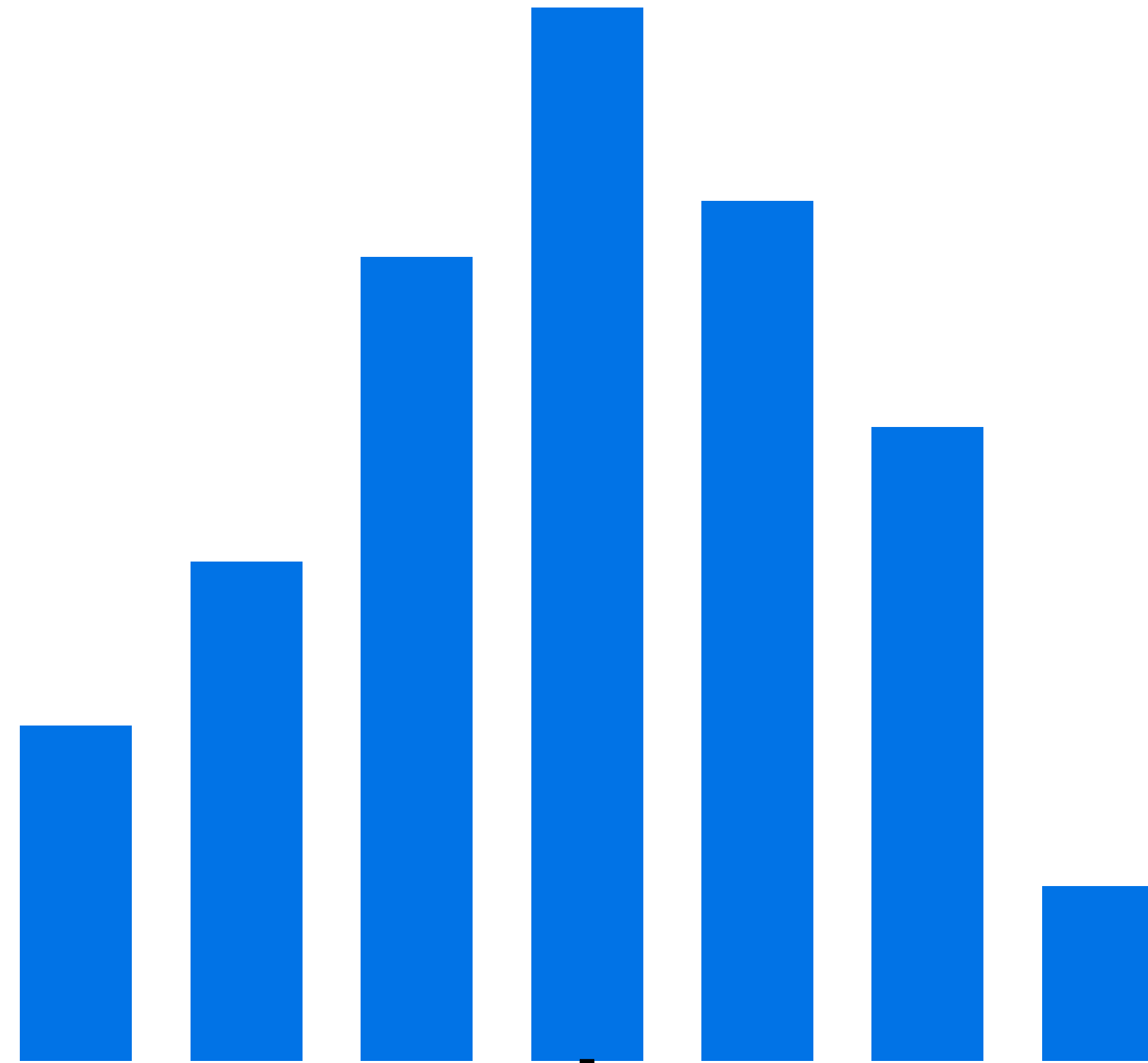
Assessment

More Comfortable



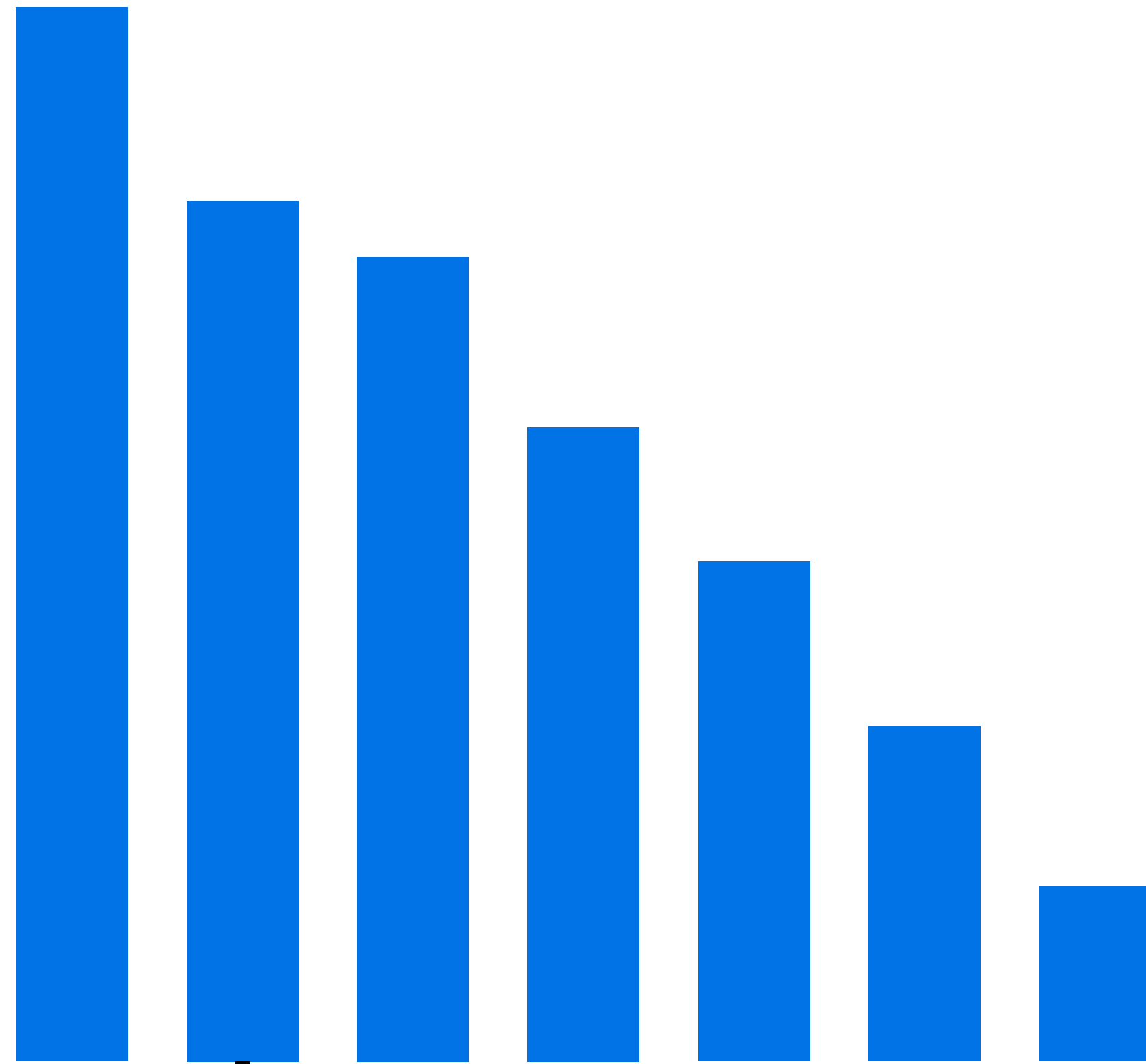
mean

Less Comfortable



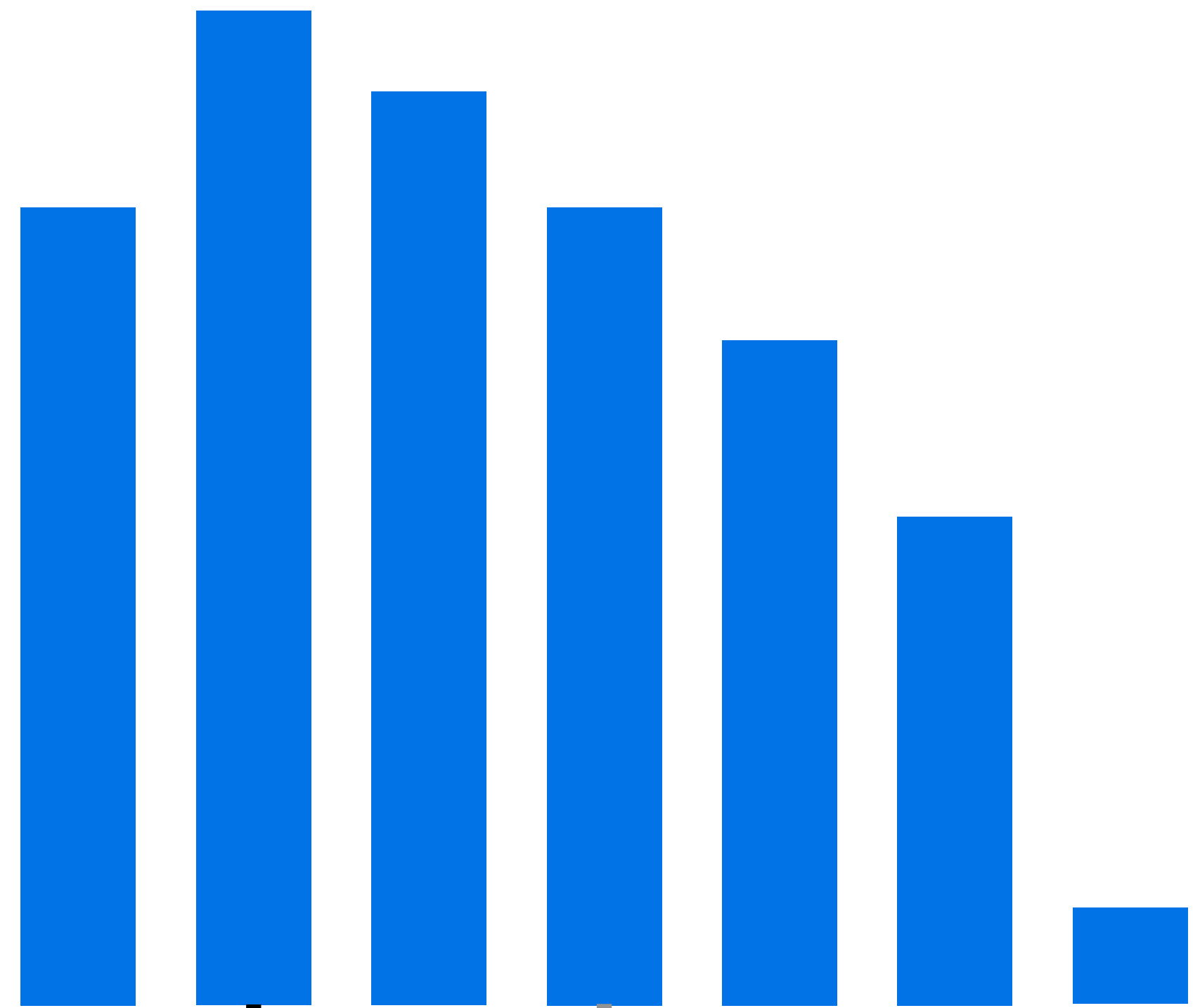
mean

More Comfortable



mean

Less Comfortable



boosted
mean

mean

Future Work

Differentiating for Comfort with Computer Science

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