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## INTRODUCTION

While standard textbooks have long been used as the primary medium in higher education, alternative options that are more interactive may be worth instructors' consideration. Adaptable virtual textbooks have the capability to not only supplement informative text with videos, but to also integrate interactive questions for students to complete throughout their readings. This poster explores student perspective of an adaptable virtual textbook in an anatomy & physiology class.

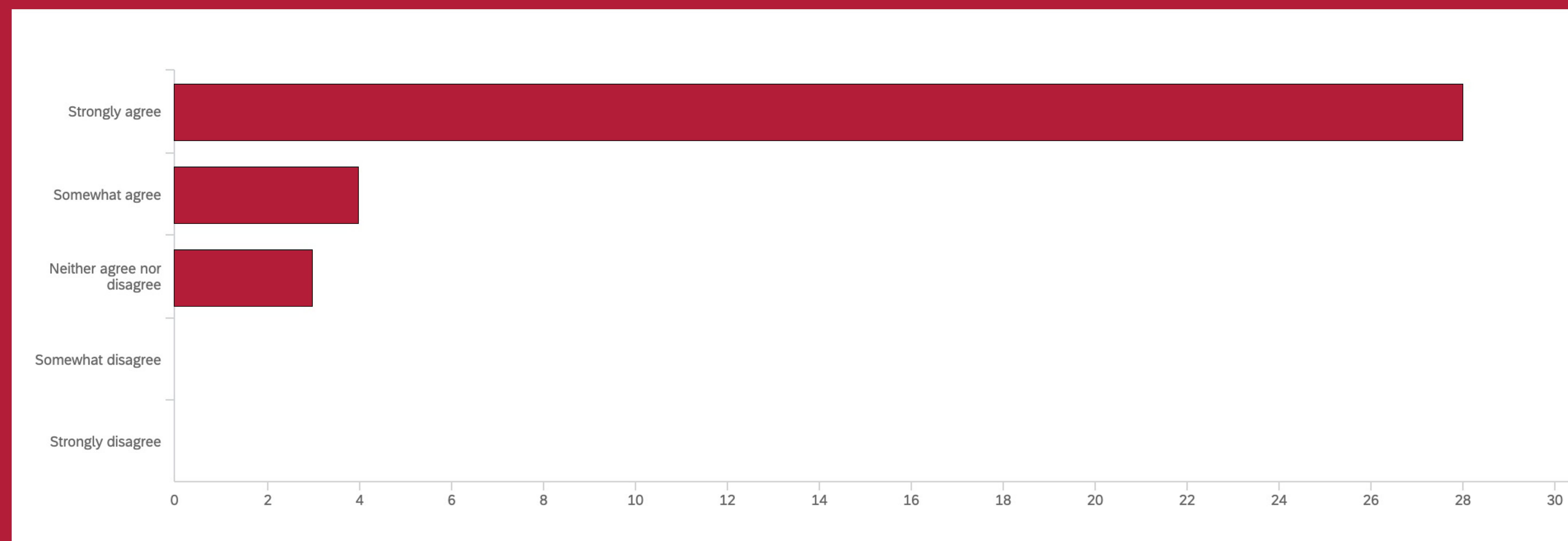
## METHODS

Thirty-five students completed a survey over the spring 2021 semester regarding their views on a new course material that was a virtual, interactive, and adaptable textbook. Students were asked to respond to a series of statements about the virtual textbook using a Likert scale, ranging from "strongly agree" to "strongly disagree". Some of the statements included:

1. I prefer the format of our current interactive virtual textbook compared to a traditional textbook.
2. The interactive virtual format of our textbook encouraged me to complete the class readings.
3. The interactive virtual format of our textbook made learning our material easier than a traditional textbook.

**80% of students strongly agreed that they preferred our interactive virtual textbook over a traditional textbook.**

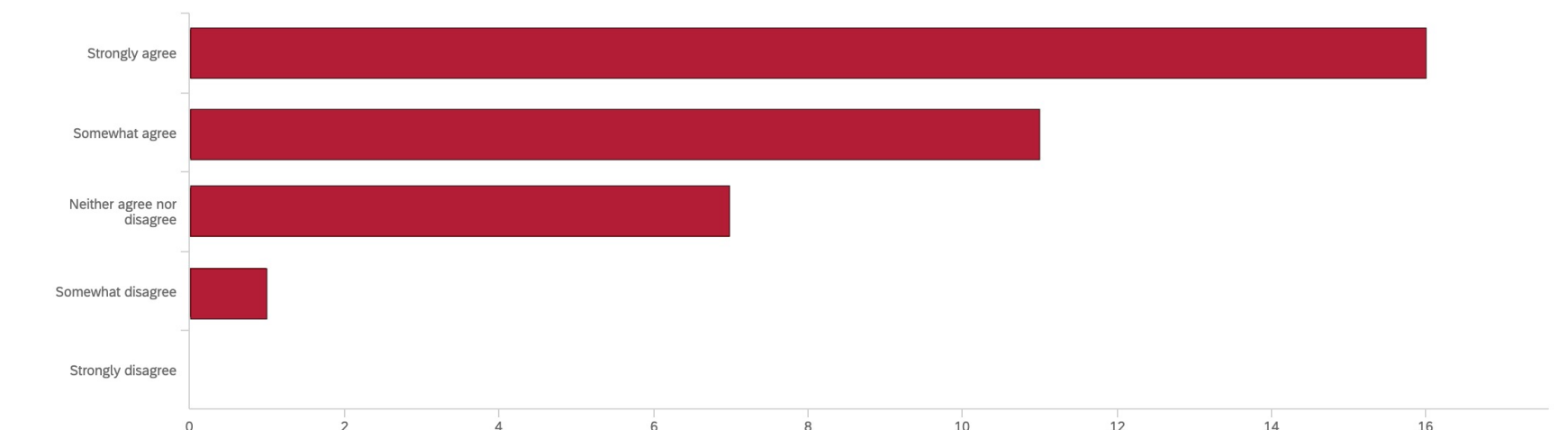
Student responses to "I prefer the format of our current interactive virtual textbook compared to a traditional textbook."



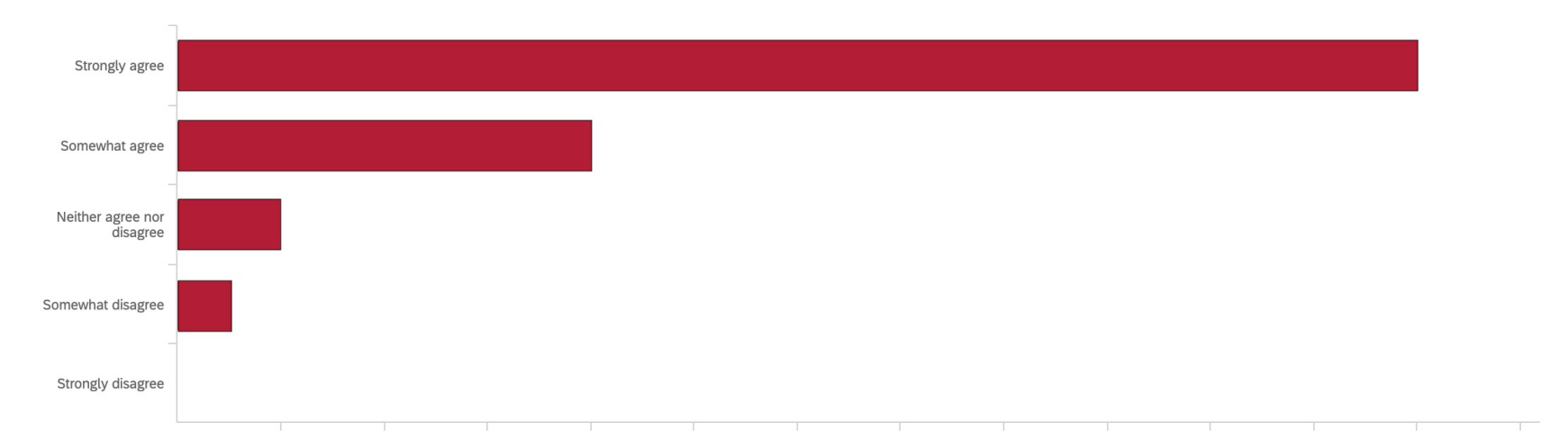
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## RESULTS

The interactive virtual format of our textbook encouraged me to complete the class readings.



The interactive virtual format of our textbook made learning our material easier than a traditional textbook.



## STUDENT COMMENTS

"It was very easy to use and very helpful in learning the course material."

"Amazing! I wish more teachers used it."

## DISCUSSION

Students preferred our adaptable virtual textbooks to traditional textbooks. More than 75% at least somewhat agreed that the virtual textbook encouraged them to complete readings for class, while more than 90% at least somewhat agreed that the virtual textbook made learning easier than a traditional textbook. Instructors should consider using adaptable virtual textbooks to increase student engagement and promote learning.

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