



RTO Made an Impact

On student experiences and their learning

Data Collection

Pratt Fall 2020 Student Survey

The purpose of this brief survey was to find out about students' online and/or hybrid learning experiences during the Fall 2020 semester.

Pratt Fall 2020 Course Evaluations

The course evaluation is used as the process of gathering information about the impact of learning and of teaching practice on student learning.

We compared results from:

- Students of faculty who completed the RTO
- Students of faculty who did not complete the RTO

Student Survey - Overview of results

Students whose faculty completed the RTO were **more satisfied with their online learning**, rated their **professors more positively** as competent online teachers, reported **stronger connection with their peers**, and felt that their professors were better **supporting their overall wellbeing** - compared students from the rest of Pratt faculty.

RTO Impact on Student Experiences

Pratt Fall 2020 Student Survey

We expected differences between students whose faculty completed the RTO compared students from the rest of Pratt faculty for the following questions:

Expected higher/more frequent responses:

- What is your experience taking courses this semester thus far?
- My professors understood how to teach well online
- My professors supported my learning and well-being
- I was able to connect with my classmates online
- I am better able to balance my learning with my other responsibilities

Expected lower/less frequent responses:

- My professors have not found effective ways to support my learning online
- I am not clear on what I am supposed to do in my courses

Expected more frequency of positive words:

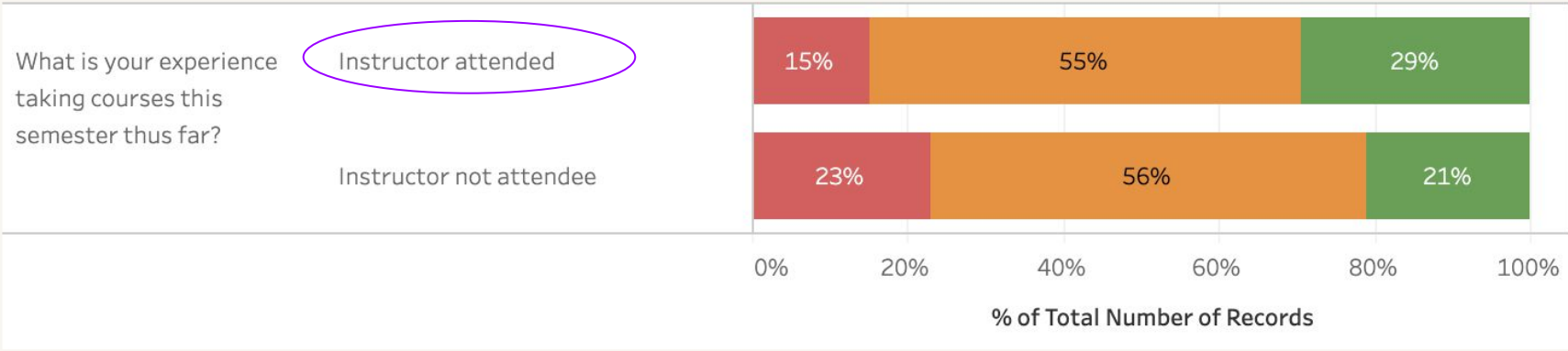
- Three words that describe your overall learning experience

Higher Overall Online Learning Experience

Students of RTO faculty: 29% Better than Expected; 15% Worse than expected
Students of other faculty: 21% Better than Expected; 23% Worse than expected

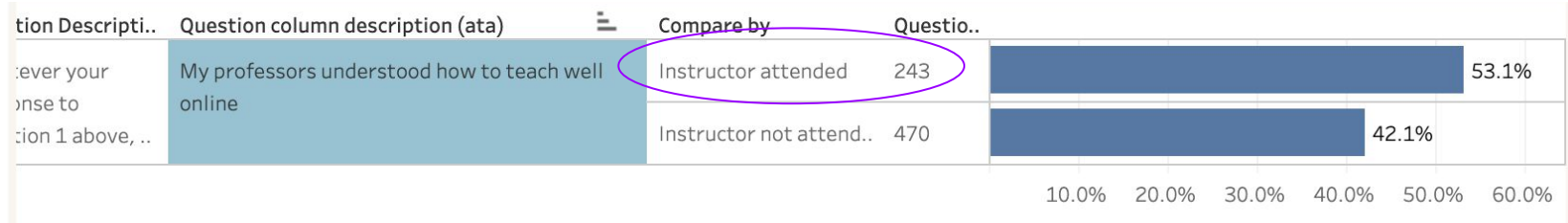
Fall 2020 Student Survey

Overall student experience taking online courses

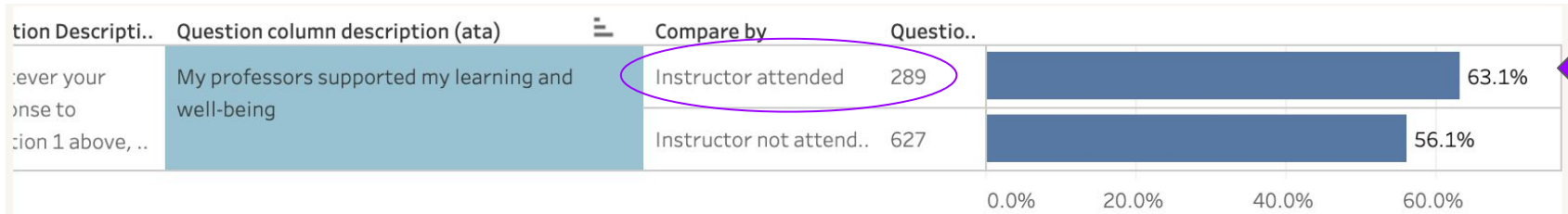


RTO had an impact in ALL categories

My professor understood how to teach well online

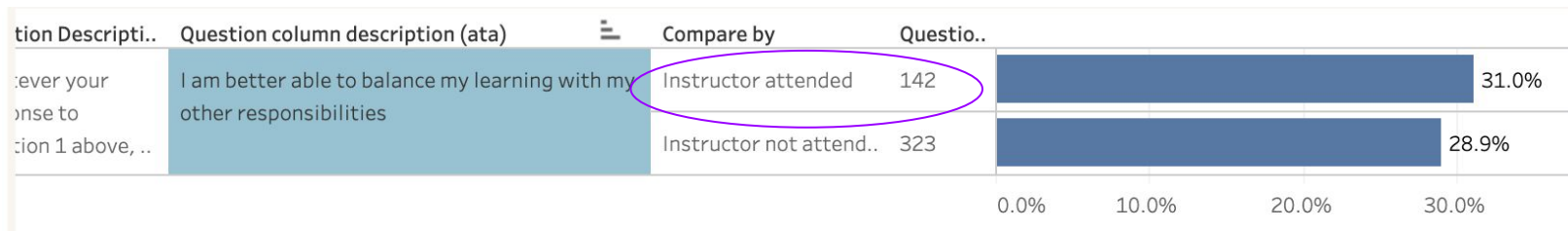


My professor understood how to teach well online

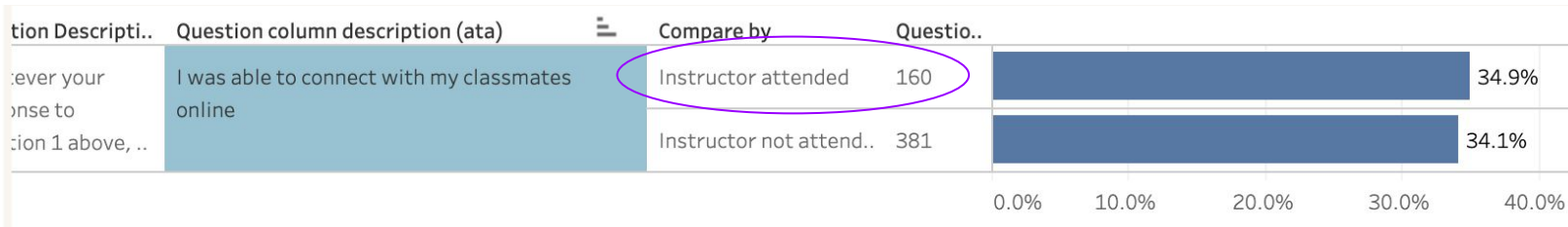


RTO had an impact in ALL categories

I'm better able to balance my learning with my other responsibilities

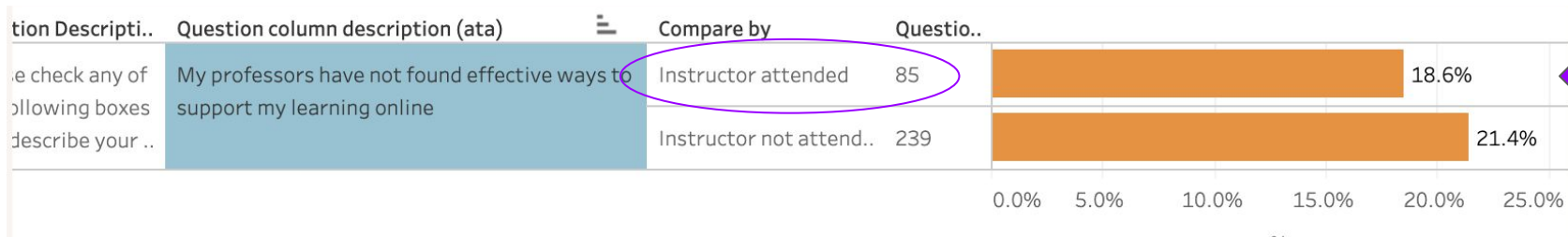


I was able to connect with my classmates

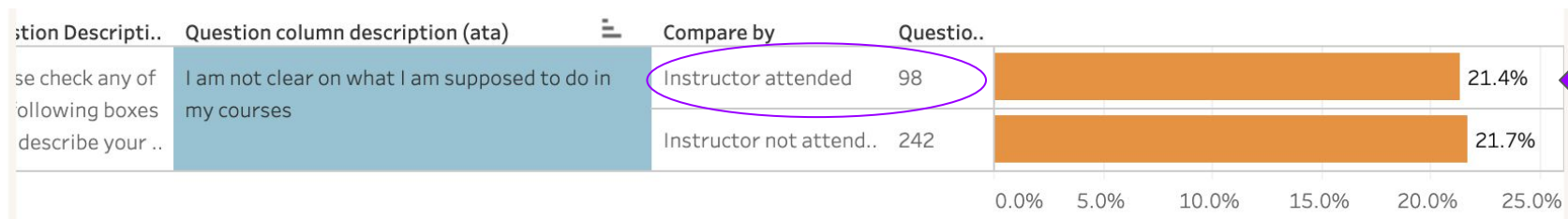


RTO had an impact in ALL categories

My professor have not found effective ways to support my learning online



I am not clear on what I'm supposed to do in my course



3 Words that describe your learning: **Non-RTO**

A word cloud of adjectives describing learning experiences. The words are arranged in a non-uniform, overlapping manner. The words 'Stressful', 'Challenging', and 'Stressful' are underlined with red lines. The words are in various colors and sizes, indicating their frequency or importance.

good frustrating
busy Overwhelming Tired Busy Frustrating
overwhelming difficult tiring Interesting
challenging Stressful Tiring stressful
interesting Exhausting Challenging lonely fine
Difficult efficient Convenient isolated New
Good hard

3 Words that describe your learning: **RTO**

Good Efficient New Exhausting
challenging Frustrating Challenging
difficult Stressful Interesting
convenient stressful
tiring good

Fall 2020 Student Survey: Statistically Significant Differences in 8 different categories

Including...

- Virtual pin up or collaborative spaces to share work and feedback
- Accessing my grades online
- Mental Health services
- Services to improve your physical health

Comparisons of Group Differences			Instructor attended	Instructor not attendee
Question 9	My computer has the capacity to run programs/accessories needed for courses without freezing-up	count of students responding	458	1,117
		Mean response value	4.044	3.888
		significance 2 tailed test	0.016	
Question 14	Recorded lectures or other materials that can be accessed anytime	count of students responding	458	1,117
		Mean response value	3.672	3.603
		significance 2 tailed test	0.006	
Question 15	Virtual pin up or collaborative whiteboard spaces to share work and get feedback	count of students responding	458	1,117
		Mean response value	3.697	3.192
		significance 2 tailed test	0.000	
Question 16	Submitting course materials online (projects, tests, papers, etc.)	count of students responding	458	1,117
		Mean response value	4.061	3.867
		significance 2 tailed test	0.038	
Question 17	Accessing my grades online	count of students responding	458	1,117
		Mean response value	3.400	3.254
		significance 2 tailed test	0.001	
Question 20	Online tutoring sessions (Learning Access Center and/or Writing Center)	count of students responding	458	1,117
		Mean response value	2.581	2.171
		significance 2 tailed test	0.000	
Question 21	Mental health services	count of students responding	458	1,117
		Mean response value	2.238	2.021
		significance 2 tailed test	0.001	
Question 22	Services to improve your physical health and well	count of students responding	458	1,117
		Mean response value	2.227	1.962
		significance 2 tailed test	0.002	

Course Evaluations - Overview of results

Students whose faculty completed the RTO rated their instructor as having promoted a **constructive classroom climate**, **stimulated their interest** in learning, and **provided feedback** in a timely manner. Students of RTO faculty also rated their courses as having improved their **understanding of the subject matter, problem solving skills, effective communication skills and research skills** compared students from the rest of Pratt faculty.

RTO Impact on Student Learning

Pratt Fall 2020 Course Evaluations

We expected differences between students whose faculty completed the RTO compared students from the rest of Pratt faculty for the following questions:

- The instructor promoted a constructive classroom climate
- The instructor was available outside of class
- The instructor made the goal of the course clear
- The instructor stimulated my interest
- The instructor provided feedback in a timely manner
- The instructor utilized the class time well
- The quality of assigned work was appropriate to goals of the course

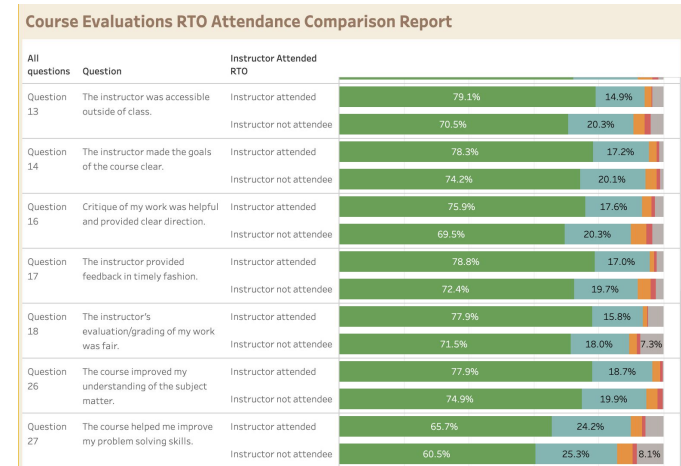
There were statistically significant differences in all the above questions

All that and more...

We found statistically significant differences in 20 categories, including those that pertain to student learning.

Including:

- The course improved my **understanding of the subject matter**
- The course helped me **improve my problem solving skills**
- I learned to **communicate more effectively** by taking this course
- This course improved my **ability to work well with others**
- The course improved **my ability to do research** to complete course requirements
- etc.



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