IOWA STATE UNIVERSITY
OF SCIENCE AND TECHNOLOGY

To: Alexander Stoytchev
Personal and Confidential

HCI Survey Evaluation Results for 2019 Spring

Alexander Stoytchev,

In the attachment you will find the evaluation results of the survey HCI 575 XW (S2019) [Alexander Stoytchev].

If you have questions or comments contact your Class Climate HCI Administrator or email course-evaluation@iastate.edu
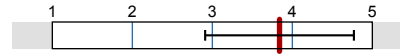
- ISU HCI Online Course Evaluation Administrator

Alexander Stoytchev

HCI 575 XW (S2019) [Alexander Stoytchev]
(S2019HCI__575_XWL075617542) Lecture HCIeval2
No. of course participants = 6
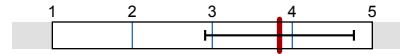No. of responses = 5
Response Rate: 83.33%

IOWA STATE UNIVERSITY

Overall indicators

Global Index

av.=3.84
dev.=0.93

1. Instructor/Course

av.=3.84
dev.=0.93

Legend

Question text

Absolute Frequencies of answers — Std. Dev. — Mean — Median — Quantile
Relative Frequencies of answers
25 / 0 / 50 / 0 / 25
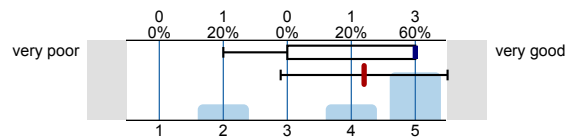25% / 0% / 50% / 0% / 25%

Left pole — Right pole

Scale — Histogram
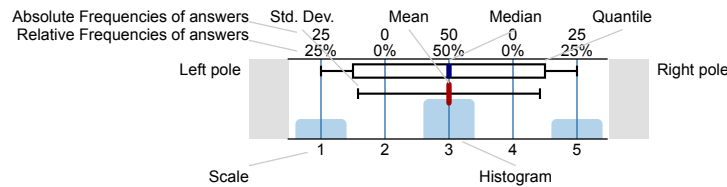
n=No. of responses
av.=Mean
md=Median
dev.=Std. Dev.
ab.=Abstention

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1. Instructor/Course
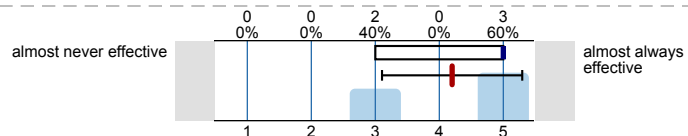
1.1) Your overall rating of this instructor is

very poor — very good

| | 1 | | 1 | 3 |
|0|0%|20%|0%|20%|60%|

n=5
av.=4.2
md=5
dev.=1.3

1.2) Your overall rating of this course is

very poor — very good

0 0% | 0 0% | 1 20% | 2 40% | 2 40%
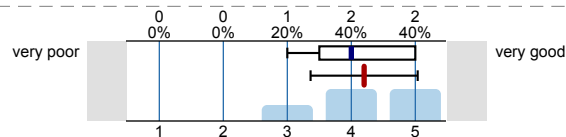
n=5
av.=4.2
md=4
dev.=0.84

1.3) What is your overall rating of this instructor's teaching effectiveness

almost never effective — almost always effective

0 0% | 0 0% | 2 40% | 0 0% | 3 60%

n=5
av.=4.2
md=5
dev.=1.1

1.4) How much do you feel you have learned in this course

almost nothing — an exceptional amount

0 0% | 0 0% | 0 0% | 2 40% | 3 60%
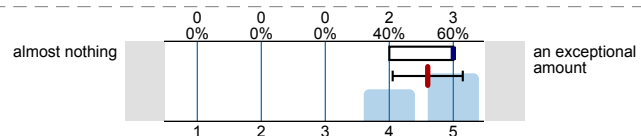
n=5
av.=4.6
md=5
dev.=0.55

1.5) The instructor speaks clearly and audibly when presenting information

almost never — almost always

0 0% | 0 0% | 0 0% | 3 60% | 2 40%
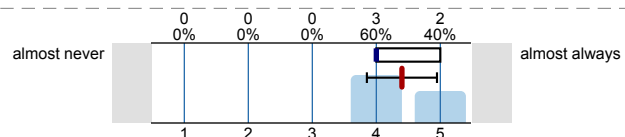
n=5
av.=4.4
md=4
dev.=0.55

1.6) I was treated with respect in this class

strongly disagree — strongly agree

0 0% | 0 0% | 0 0% | 4 80% | 1 20%
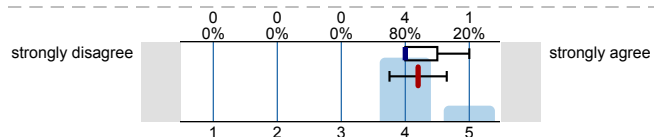
n=5
av.=4.2
md=4
dev.=0.45

1.7) The textbook(s) and readings used in this course are
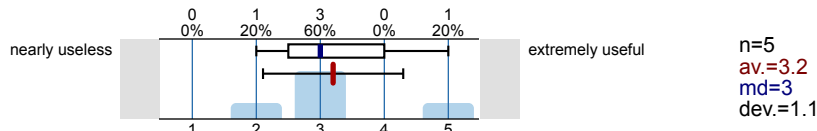
nearly useless — extremely useful

| 0 / 0% | 1 / 20% | 3 / 60% | 0 / 0% | 1 / 20% |

n=5
av.=3.2
md=3
dev.=1.1

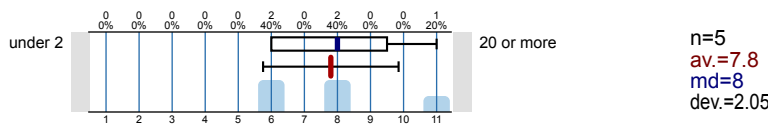**1.8)** Rate the usefulness of the **outside** assignments (homework, writings, reports, special projects, etc.) in helping you learn

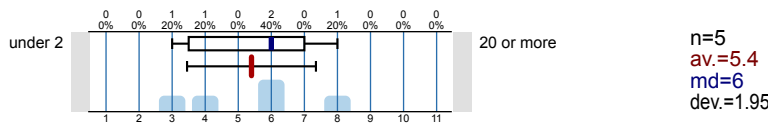almost always useless — almost always useful

| 0 / 0% | 1 / 20% | 0 / 0% | 2 / 40% | 2 / 40% |

n=5
av.=4
md=4
dev.=1.22

1.9) Rate the usefulness of the **in-class** activities (lectures, discussions, etc.) in helping you learn

almost always useless — almost always useful

| 0 / 0% | 1 / 20% | 1 / 20% | 1 / 20% | 2 / 40% |

n=5
av.=3.8
md=4
dev.=1.3
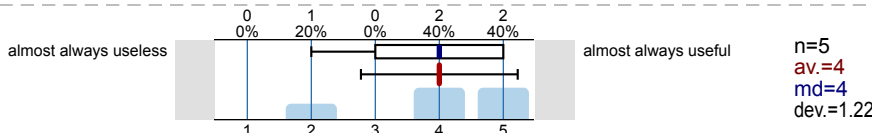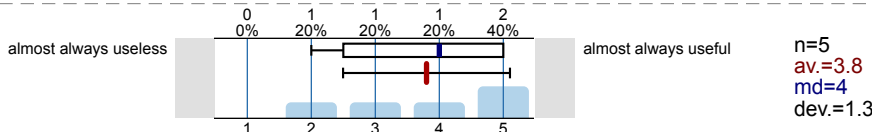
1.10) On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes, writing papers and any other course related work?

under 2 — 20 or more

| 0 / 0% | 0 / 0% | 0 / 0% | 0 / 0% | 2 / 40% | 0 / 0% | 2 / 40% | 0 / 0% | 0 / 0% | 1 / 20% |

n=5
av.=7.8
md=8
dev.=2.05

1.11) From the total average hours above, how many do you consider were valuable in advancing your education?

under 2 — 20 or more

| 0 / 0% | 0 / 0% | 1 / 20% | 1 / 20% | 0 / 0% | 2 / 40% | 0 / 0% | 1 / 20% | 0 / 0% | 0 / 0% | 0 / 0% |

n=5
av.=5.4
md=6
dev.=1.95

1.12) The difficulty level of this course is

among the most difficult — among the easiest

| 3 / 60% | 1 / 20% | 1 / 20% | 0 / 0% | 0 / 0% |

n=5
av.=1.6
md=1
dev.=0.89
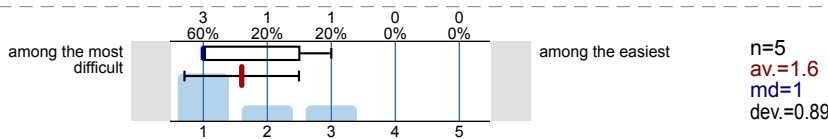
2. Student

2.1) My grade point average is:

1.00-1.75	0%
1.76-2.25	0%
2.26-2.75	0%
2.76-3.25	0%
3.26-4.0	100%

n=5
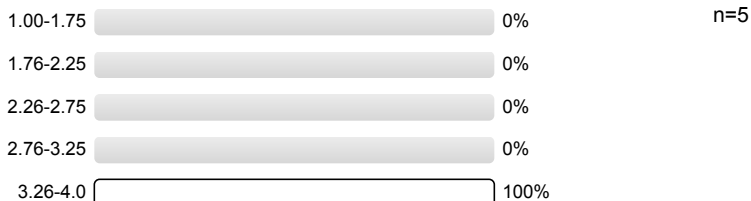
2.2) I expect a final course grade of:

A+, A, or A-	60%
B+, B, or B-	40%
C+, C, or C-	0%
D	0%
F or U (fail, unsatisfactory)	0%
S (satisfactory, pass)	0%

n=5
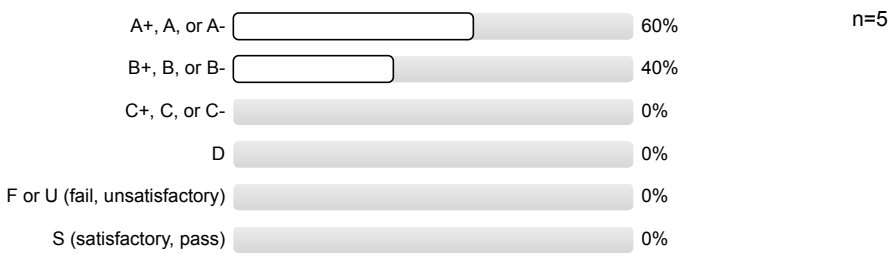
2.3) In my program this course is:

| required | 20% |
| elective | 80% |

n=5

2.4) My class is:

		n=5
Freshman		0%
Sophomore		0%
Junior		0%
Senior		0%
graduate student		100%
other		0%
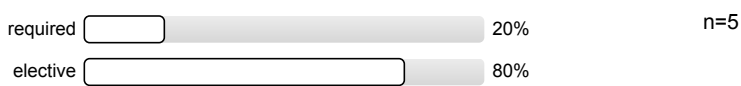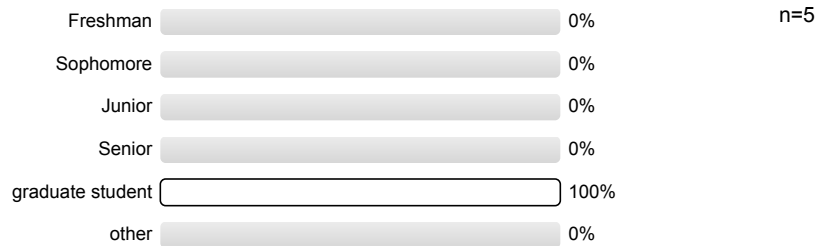
2.5) My major is in the area of:

		n=5
Agriculture		0%
Business		0%
Design		0%
Education		0%
Engineering		100%
Family and Consumer Sciences		0%
Liberal Arts and Sciences		0%
Veterinary Medicine		0%
Other		0%

2.6) My sex is:

		n=4
Female		25%
Male		75%
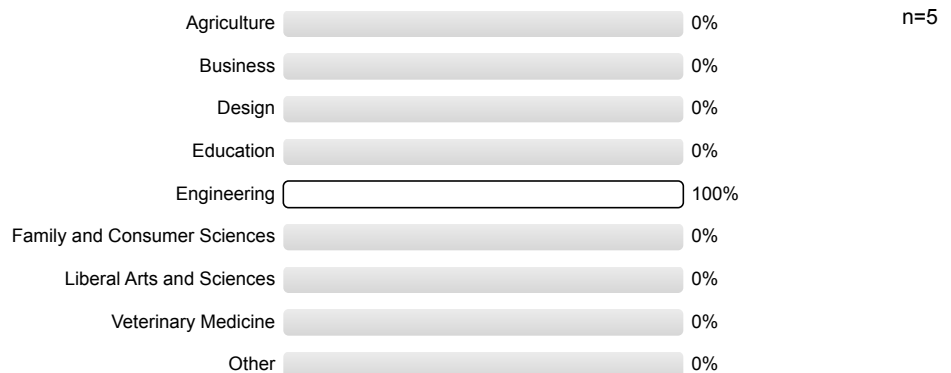
3. Comments

3.1) What did you like best about this class?

- A lot of interesting material and challenges you intellectually. Great class overall and lot of work. TA was super knowledgeable in the material and helped understand concepts easier combined with lectures.

- Much of the content was very interesting and the professor seems very knowledgeable/interested in the topics.

- The instructor has a great way of teaching difficult subjects such as complex numbers and Fourier transforms, well beyond what I've experienced in past course work. Dr. Stoytchev's use of visualization to "bring these topics to life" adds a completely new dimension that I'd previously not grasped. I've seen much of this material before, a long time ago (I'm a non-traditional distance student; I'm approaching retirement), but I've never felt like I understood some of these topics with this clarity.

- The material covered was very interesting. Computational perception is already everywhere in our daily lives and I can see being able to use this knowledge in my future professional work.

- The material is very interesting and some of it is well explained. TA's are very helpful.

3.2) What did you like least about this class?

- The homework and readings took a lot of time but were still very useful.

- The homework took much longer than I anticipated. We did not receive feedback on out assignments in terms of grades so I have no idea how I am doing in the class and what grade I may end up with in the class.
  Also, there seemed to be a lot of math review which is okay, but I think way too many lectures were focused on this math review such as FFT. I wish he would spend more time on how this math and other algorithms work when being used in computational perception.

- This class is not well organized. Canvas course not organized. An excessive amount of assignments.

- Timeline is a bit unrealistic considering the difficulty of the material and the amount of reading necessary to understand and complete all

the homeworks.
Assignments were never graded. It would be nice to have an idea where we stand in the class throughout the semester by getting some sort of feedback on homeworks and project ideas.
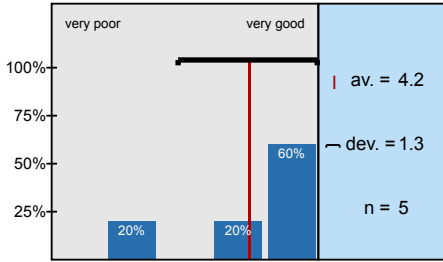
- Towards the end of the semester the lectures turned away from the core topics of "computational perception", moving towards theoretical (and even philosophical) discussion of how the Human brain works. I enjoyed these lectures. However, I was still struggling at times with homework and project work, and I think at least a portion of these lectures could have been spent fielding student questions about the assignments (unless I'm the only one that's feeling "behind the curve").

- -
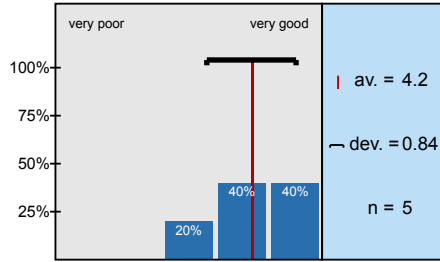
3.3) Please add any additional comments.

- 1. The class is over in one week and we do not know even a single grade. Professor told us that we are welcome to drop, but how would I know if I need to drop without knowing my grade? There is no feedback on the assignment.

  2. There is a lot of reading material and none of them are free. Even the paid readings are hard to find and buy. We would benefit from having all the readings sold as a package.

  3. The recorded lectures on Canvas had bad audio and video to a point that it was almost impossible to hear on a few lectures. If the class has damaged audio and video equipment, why not change the class? Why do we pay high fees for bad quality?

  4. We always have to remind the professor about many different things. For example, online students need a discussion opened to find team partners, etc. This relates to bad organization.

  5. It's OK if the class is difficult, not everything should be easy. However, there should be some consideration given to diminished law of return.

- Dr. Stoytchev and his assistants Vlad Sukhoy and Ben Simon did a great job answering my technical questions and shepherding me through some of the homework and project assignments. A special shout-out to Vlad for being the most responsive - I'm not sure I would have completed some of the assignments without his help.

  Also, while I am retiring soon, I'm not "done". I've already begun teaching Computer Science at a small private university where I live. I've tried creating lectures and homework assignments designed to guide students through a learning "progression". I think I've had some limited success. However, I was introduced to a model in this course that sets the bar a lot higher than I've been able to achieve on my own. I hope to adapt much of what I experienced this semester into my future course designs.

- The audio for the online course is TERRIBLE. Any device I listen on, I have to turn the volume all the way up to just barely hear the professor speak. The worst part is there is a high pitch sound that is constantly going and it is about the same volume as the professors voice so when I turn the audio all the way up to hear the professor, I hear this constant high pitch whine along with the professors voice which is very annoying and I believe is the cause of damage to a set of speakers I would normally listen to lectures on.

- This is an excellent course and I would highly recommend it to anyone to has any interest in computational perception.
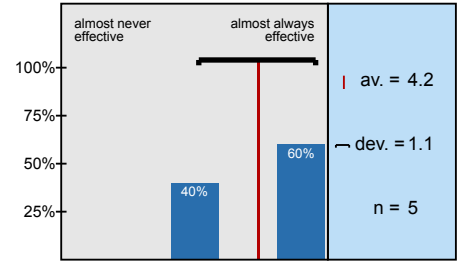
Histogram for scaled questions
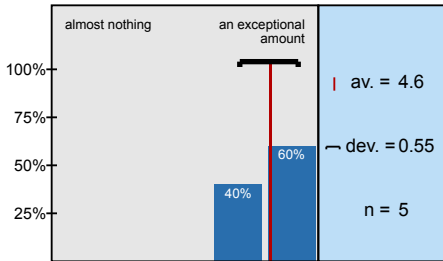
Your overall rating of this instructor is

very poor — very good

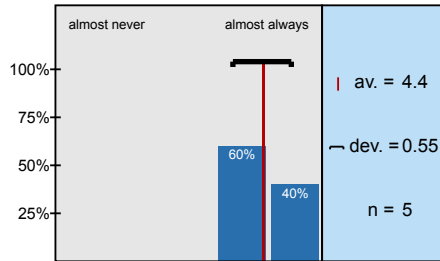100% / 75% / 50% / 25%

20% / 20% / 60%

av. = 4.2
dev. = 1.3
n = 5

Your overall rating of this course is

very poor — very good

100% / 75% / 50% / 25%

20% / 40% / 40%

av. = 4.2
dev. = 0.84
n = 5

What is your overall rating of this instructor's teaching effectiveness

almost never effective — almost always effective

100% / 75% / 50% / 25%

40% / 60%

av. = 4.2
dev. = 1.1
n = 5

How much do you feel you have learned in this course

almost nothing — an exceptional amount

100% / 75% / 50% / 25%

40% / 60%

av. = 4.6
dev. = 0.55
n = 5

The instructor speaks clearly and audibly when presenting information

almost never — almost always

100% / 75% / 50% / 25%

60% / 40%

av. = 4.4
dev. = 0.55
n = 5

I was treated with respect in this class

strongly disagree — strongly agree

100% / 75% / 50% / 25%

80% / 20%

av. = 4.2
dev. = 0.45
n = 5

The textbook(s) and readings used in this course are

nearly useless — extremely useful

100% / 75% / 50% / 25%

20% / 60% / 20%

av. = 3.2
dev. = 1.1
n = 5

Rate the usefulness of the outside assignments (homework, writings, reports, special projects, etc.) in

almost always useless — almost always useful

100% / 75% / 50% / 25%

20% / 40% / 40%

av. = 4
dev. = 1.22
n = 5

Rate the usefulness of the in-class activities (lectures, discussions, etc.) in helping you learn

almost always useless — almost always useful

100% / 75% / 50% / 25%

20% / 20% / 20% / 40%

av. = 3.8
dev. = 1.3
n = 5

On average, how many hours per week have you spent on this class, including attending classes, doing

under 2 — 20 or more

100% / 75% / 50% / 25%

4- / 4- / 2-

av. = 7.8
dev. = 2.05
n = 5

From the total average hours above, how many do you consider were valuable in advancing your education?

under 2 — 20 or more

100% / 75% / 50% / 25%

2- / 2- / 4- / 2-

av. = 5.4
dev. = 1.95
n = 5

The difficulty level of this course is

among the most difficult — among the easiest

100% / 75% / 50% / 25%

60% / 20% / 20%

av. = 1.6
dev. = 0.89
n = 5

Profile

Subunit: HCI
Name of the instructor: Alexander Stoytchev
Name of the course: HCI 575 XW (S2019) [Alexander Stoytchev]
(Name of the survey)

Values used in the profile line: Mean

1. Instructor/Course

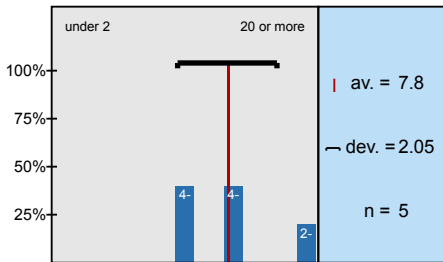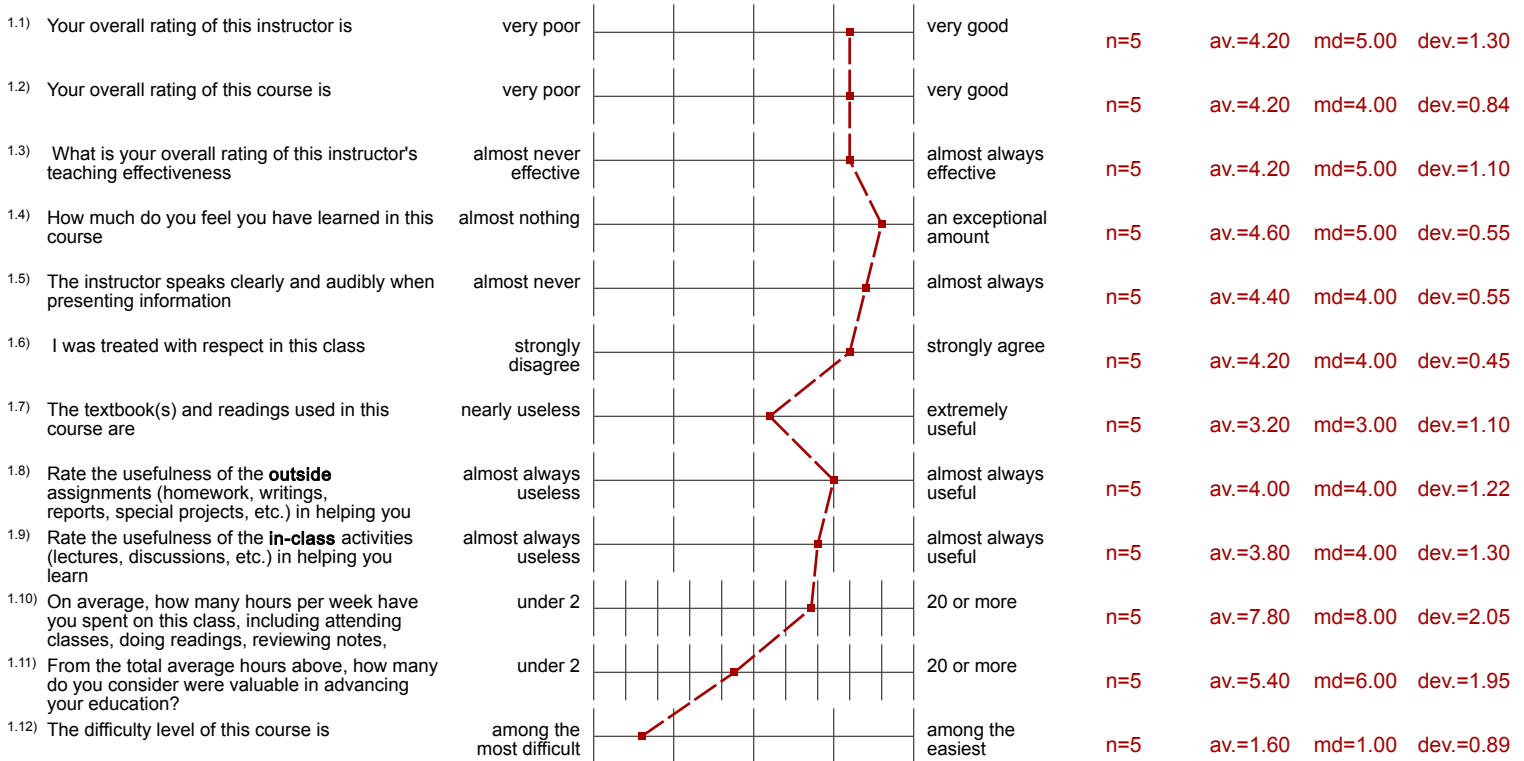| No.	Question	Left label	Right label	n	av.	md	dev.
1.1)	Your overall rating of this instructor is	very poor	very good	n=5	av.=4.20	md=5.00	dev.=1.30
1.2)	Your overall rating of this course is	very poor	very good	n=5	av.=4.20	md=4.00	dev.=0.84
1.3)	What is your overall rating of this instructor's teaching effectiveness	almost never effective	almost always effective	n=5	av.=4.20	md=5.00	dev.=1.10
1.4)	How much do you feel you have learned in this course	almost nothing	an exceptional amount	n=5	av.=4.60	md=5.00	dev.=0.55
1.5)	The instructor speaks clearly and audibly when presenting information	almost never	almost always	n=5	av.=4.40	md=4.00	dev.=0.55
1.6)	I was treated with respect in this class	strongly disagree	strongly agree	n=5	av.=4.20	md=4.00	dev.=0.45
1.7)	The textbook(s) and readings used in this course are	nearly useless	extremely useful	n=5	av.=3.20	md=3.00	dev.=1.10
1.8)	Rate the usefulness of the **outside** assignments (homework, writings, reports, special projects, etc.) in helping you	almost always useless	almost always useful	n=5	av.=4.00	md=4.00	dev.=1.22
1.9)	Rate the usefulness of the **in-class** activities (lectures, discussions, etc.) in helping you learn	almost always useless	almost always useful	n=5	av.=3.80	md=4.00	dev.=1.30
1.10)	On average, how many hours per week have you spent on this class, including attending classes, doing readings, reviewing notes,	under 2	20 or more	n=5	av.=7.80	md=8.00	dev.=2.05
1.11)	From the total average hours above, how many do you consider were valuable in advancing your education?	under 2	20 or more	n=5	av.=5.40	md=6.00	dev.=1.95
1.12)	The difficulty level of this course is	among the most difficult	among the easiest	n=5	av.=1.60	md=1.00	dev.=0.89

Profile Line for Indicators

Subunit: HCI

Name of the instructor: Alexander Stoytchev

Name of the course: HCI 575 XW (S2019) [Alexander Stoytchev]
(Name of the survey)

1. Instructor/Course   av.=3.84   dev.=0.93