

We will start at 9:50 on the dot. Now is a great time to ask me questions in chat if you have any.

Also, while we wait, please fill out the “Daily Discussion Question” on Canvas!

Agenda

9:50 – 10:05

- Discuss “Asking Helpful Questions”
- Review the Canvas refresher question

10:05 – 10:40

- Group introductions!
- “Spotify Playlists” activity

10:40 – 10:50

- Review the activity

10:50 – 11:00

- TinkerPlots demo
- Introduction to the optional “assignment”

Asking Helpful Questions

If you're stuck on an exam or concerned about your course performance, please ask! However, asking good questions is also a skill.

Things to avoid:

- Pre-grading request ----->
 "Is my answer correct?"
- Totally open ended questions ----->
 "I did step 1 – what now?"
- Grade statements ----->
 "I really need an A on this..."

Instead:

- Ask specific questions
 "Do I need to include a plot in part 2?"
- Ask what to review
 "Which class example should I review in order to answer question 2?"
- Ask for ways to improve in the course! Come to office hours! We can always check your grade for you if you ask.

Reviewing the Refresher Question

- First, the incorrect answers:
 - (a) HTHTHTHTHT
 - (b) HHHHHTTTTT
 - (c) HHHHHHHHHH
- So the correct answer is, (d), they are all equally likely/unlikely.

Reviewing the Refresher Question

- Main takeaway: humans suck at randomness!
 - We see randomness as (a); HTHTHTHTHT
 - The pattern of moving from (a) to (c) is seen as getting less random.
 - That said, each coin flip doesn't care about the prior
 - When humans try to be "random" we run out of memory, and repeat ourselves (frequency stability property)

In your groups...

- Introductions:
 - Name, year, intended major(s)
 - If you could have one “useless” superpower, what would it be?
(e.g., producing a weak flow of Orange Juice from your pointer fingers)

Spotify Playlists

- Create a google doc with your group to answer these questions! Make sure all group members have access.
- Before you [Test Rules](#) please call one of us to your breakout room to check them.
- No need to actually e-mail me your letter to Mr. Hoffman (but please do write it!)

TinkerPlots Demo!

Optional “Assignment” due
Wednesday (0% – really helpful
though)