

From: Amy Ramage Amy.Ramage@unh.edu
Subject: Re: Chord Diagrams Summary
Date: May 11, 2022 at 11:35 AM
To: Britt R b.ritz.nh@gmail.com
Cc: Jessica Leach Jessica.Leach@unh.edu

AR

Ok, these are really looking great. I think the next step is to meet and learn from about how to create these, what the variables are manipulated, so that we can continue to work on them for more projects.

Maybe next week or the week after?

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Make an appointment with me at:

https://outlook.office365.com/owa/calendar/Ramage_UNH@wildcatsunh.onmicrosoft.com/bookings/

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From: Britt R <b.ritz.nh@gmail.com>
Date: Wednesday, May 11, 2022 at 10:49 AM
To: Amy Ramage <Amy.Ramage@unh.edu>
Cc: Jessica Leach <Jessica.Leach@unh.edu>
Subject: Chord Diagrams Summary

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Hello,

The pycircos package is not designed to allow for Networks containing only one Node.

Because of this, the following diagrams show the Partitions, but there will be no lines going to these Partitions.

The Networks with only one Node are represented on the diagrams as white gaps within each Partition.

The lines on the diagrams are the color of the source Network as shown in the attached colorbar.

The remaining problem that I see is the thickness of the lines:
Because there is a small number of Networks, the lines on the diagrams are very thick.
(The very first diagrams I sent contained thin lines, this was a coding error on my part.)

I am working on a solution which involves multiplying all the lengths of each Partition and Network by 1000.
I have run test cases on small amounts of data and the lines are much thinner.
Please let me know if you would like me to continue working on that solution.

I am REALLY enjoying working on this project with you both.
Thanks for the opportunity!

Britt





