

[EXTERNAL] sociality and genetics - summer 2022!

Jerod Merkle <jmerkle@uwyo.edu>

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To:Geremia, Chris J <Chris_Geremia@nps.gov>;Jerod Merkle <jmerkle@uwyo.edu>

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Some notes from our meeting today...

Ger now has genetics information on all collared animals.

This includes micro sat data... which helps us establish relatedness, differentiation, clustering, etc.

- Good to assess who is generally breeding together / relatedness

Also has midocondrial haplotype data for determining lineage, but not too important for this project

First step to move forward is to do a more descriptive analysis to see if relatedness can explain variation in basic sociality metrics such as time spent with other animals (edge weight), centrality (connected to lots of others), among others. Further, we can ask whether clustering at the sociality scale predicts clustering at the relatedness scale. Ger also mentioned that there might be some patterns over time as well.

Talked about Jerod coming to Yellowstone this summer to work on these analyses with Ger. Jer would have data prepped before coming. Also, Jer does not have the entire dataset, so if there are newer IDs in the genetic sample, would be good to have that for doing network analyses...

Jerod A. Merkle

Pronouns: he|him|his ([what's this?](#))

Assistant Professor

Knobloch Professor of Migration Ecology and Conservation

Department of Zoology and Physiology

University of Wyoming

307-766-5448

jmerkle@uwyo.edu
