

## DNA Successes In—And In Spite Of—Endogamy

What is endogamy?

- Reuse of the same pool of DNA over multiple generations
  - *Island populations (separated by geography)*
  - *Religious populations (separated by religious law &/or discrimination)*
- Everyone is related to everyone else in that population in multiple ways
- So predicted “close” cousins may actually just be distant cousins in multiple ways

How do your results look when you’re from an endogamic population?

- Examples from Ancestry, FamilyTreeDNA, 23AndMe, MyHeritage

Examples of people predicted to be close relatives to me—but to neither of my parents

- Why would this be?
- Looking at chromosome browsers to understand how endogamy is making people appear closer than is possible

Look at my known relatives—how much DNA do we share based on how much would be expected based on relationship

Example of a cousin—who DNA shows is related in significantly more ways than the paper trail

All isn’t lost:

Success stories

- Connecting to a branch of the family believed lost in the Holocaust
- Giving grandparents (and 5+ more generations) to an orphan

Largest segment can help to surpass (some of) the endogamy issues.

Helpful links on endogamy:

- <http://blog.kittycooper.com/2017/02/endogamy-and-dna/>
- <https://larasgenealogy.blogspot.com/2018/02/ashkenazic-jewish-shared-dna-survey.html>
- <https://larasgenealogy.blogspot.com/2017/03/endogamy-in-practice-updated.html>
- <https://medium.com/@CleverTitleTK/no-you-dont-really-have-7-900-4th-cousins-some-dna-basics-for-those-with-jewish-heritage-857f873399ff>
- Ashkenazic numbers in practice:
  - <https://larasgenealogy.blogspot.com/2017/09/endogamy-closer-look-part-1.html>
  - <https://larasgenealogy.blogspot.com/2017/09/endogamy-closer-look-part-2.html>
  - <https://larasgenealogy.blogspot.com/2017/09/endogamy-closer-look-part-3.html>
- <https://larasgenealogy.blogspot.com/2017/05/partially-endogamous-dna.html>
- <https://larasgenealogy.blogspot.com/2017/03/a-technique-for-endogamous-dna-using.html>
- <https://hawaiiandna.wordpress.com/>
- <https://isogg.org/wiki/Endogamy>
- <http://www.legalgenealogist.com/2012/03/11/endogamy-and-you-really/>
- <https://www.legacytree.com/blog/dealing-endogamy-part-exploring-amounts-shared-dna>
- <https://larasgenealogy.blogspot.com/2018/01/ashkenazic-jewish-shared-dna-survey.html>
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