

FutureArcticLives - WP1

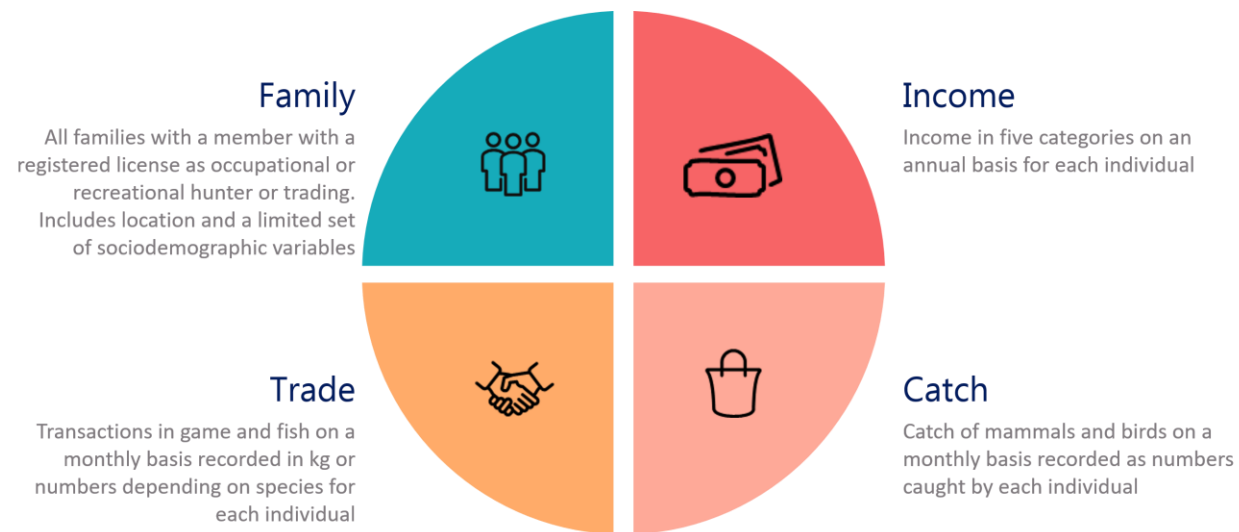
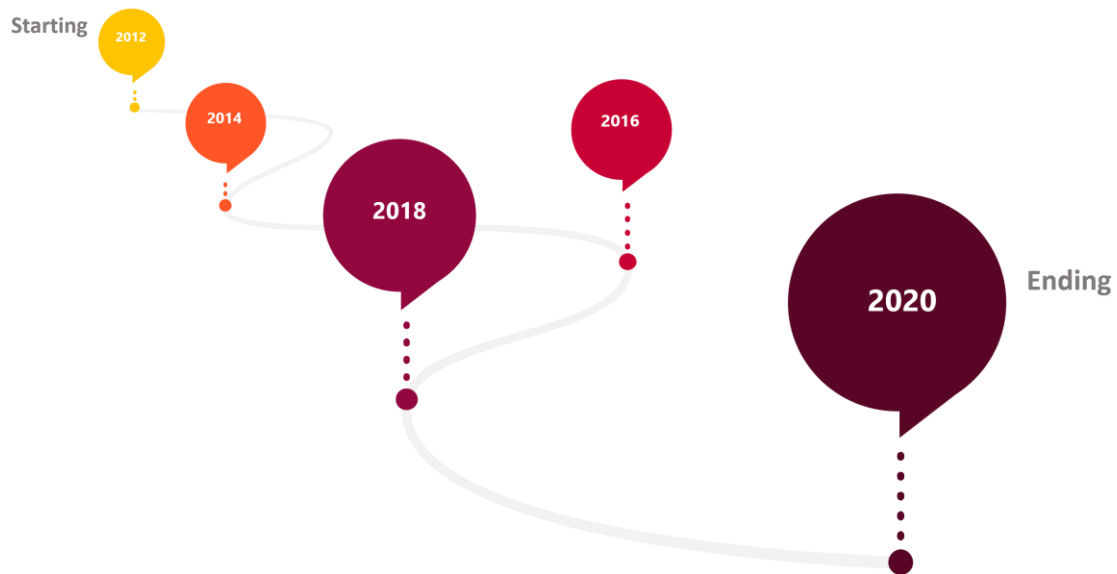
Seminar series –
Preliminary results

Martin Reinhardt Nielsen
April 14th 2023

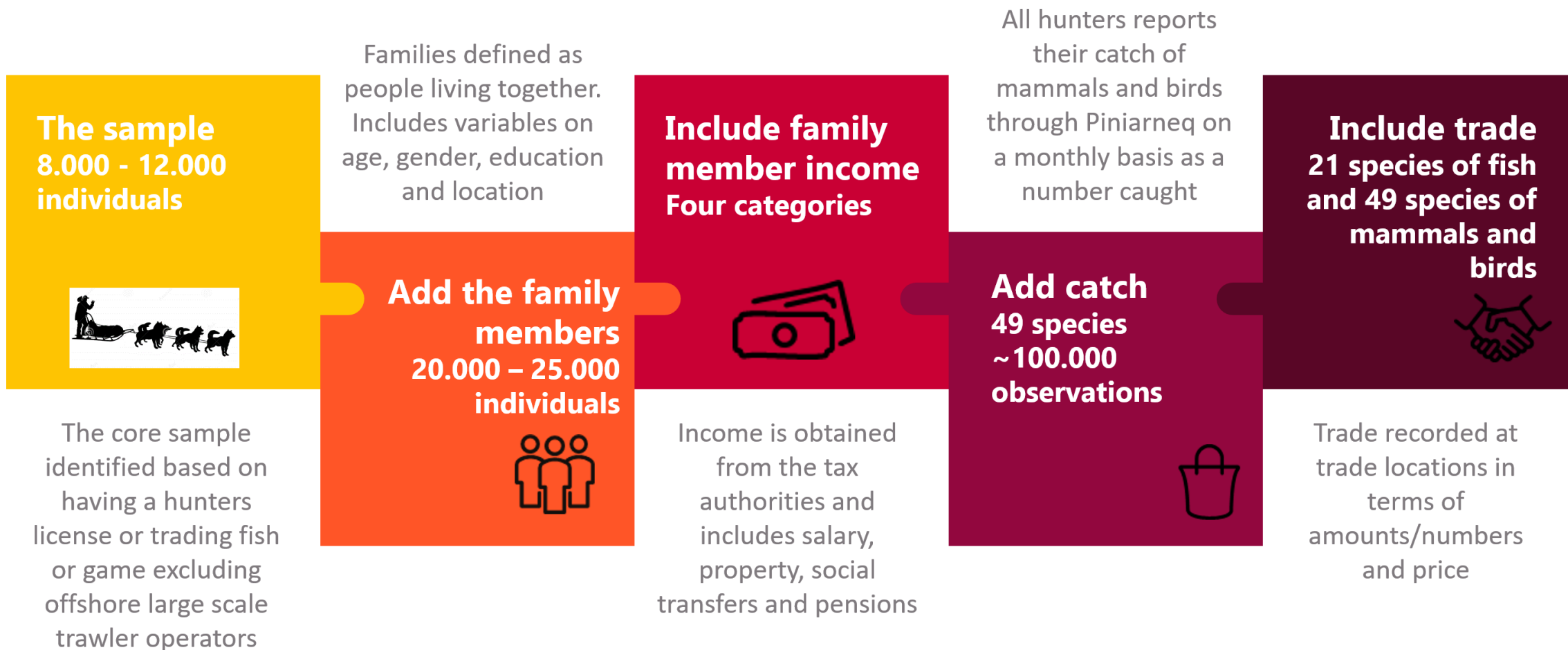
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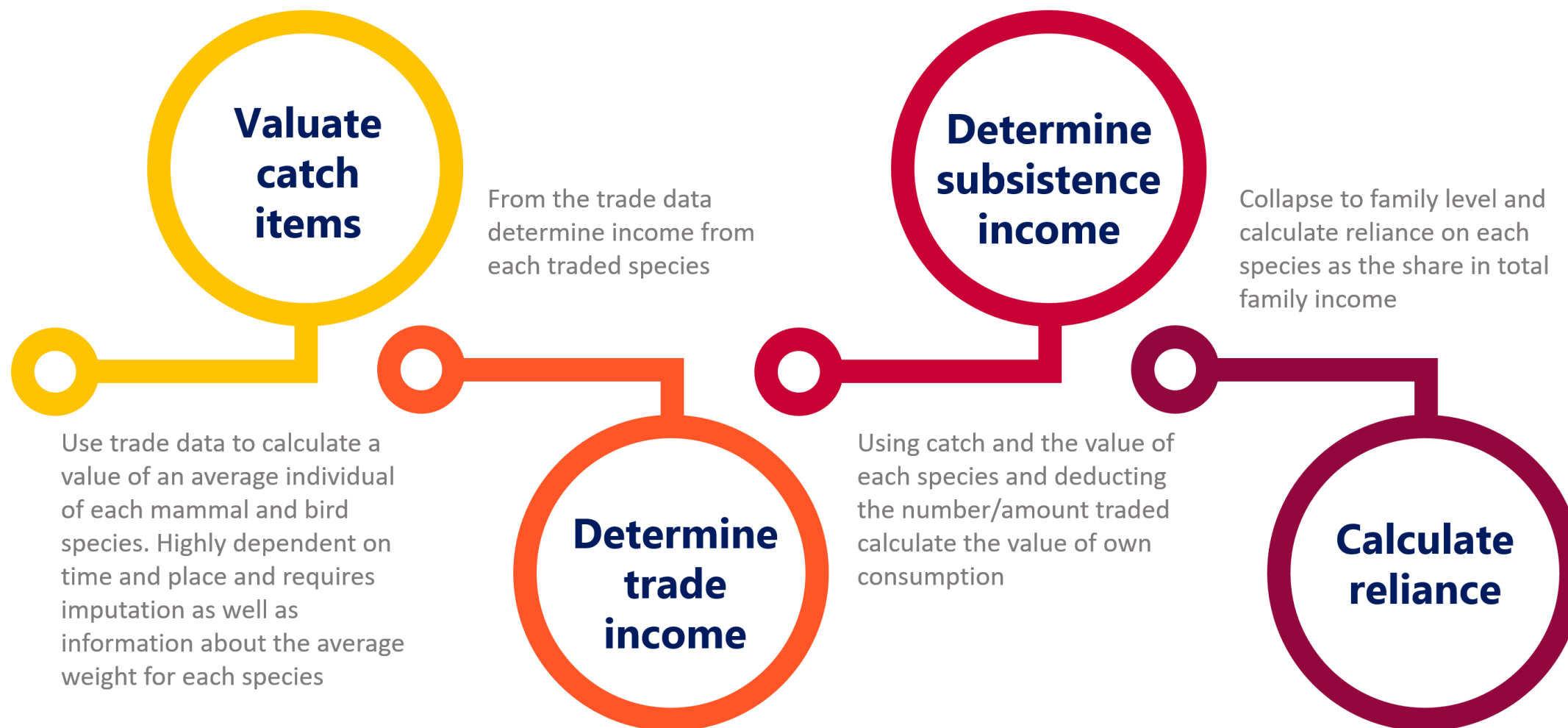
The data



The process



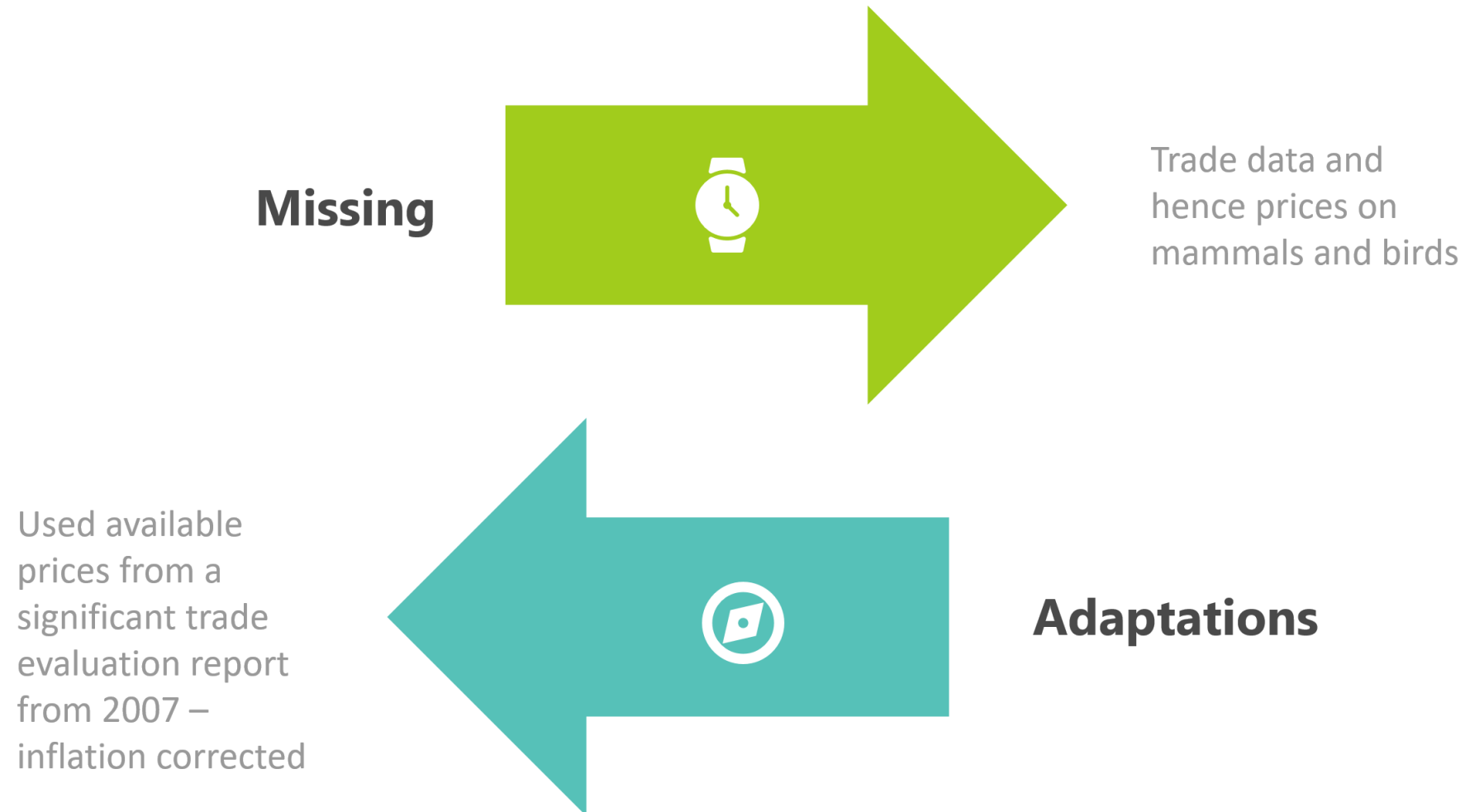
The calculations



Challenges



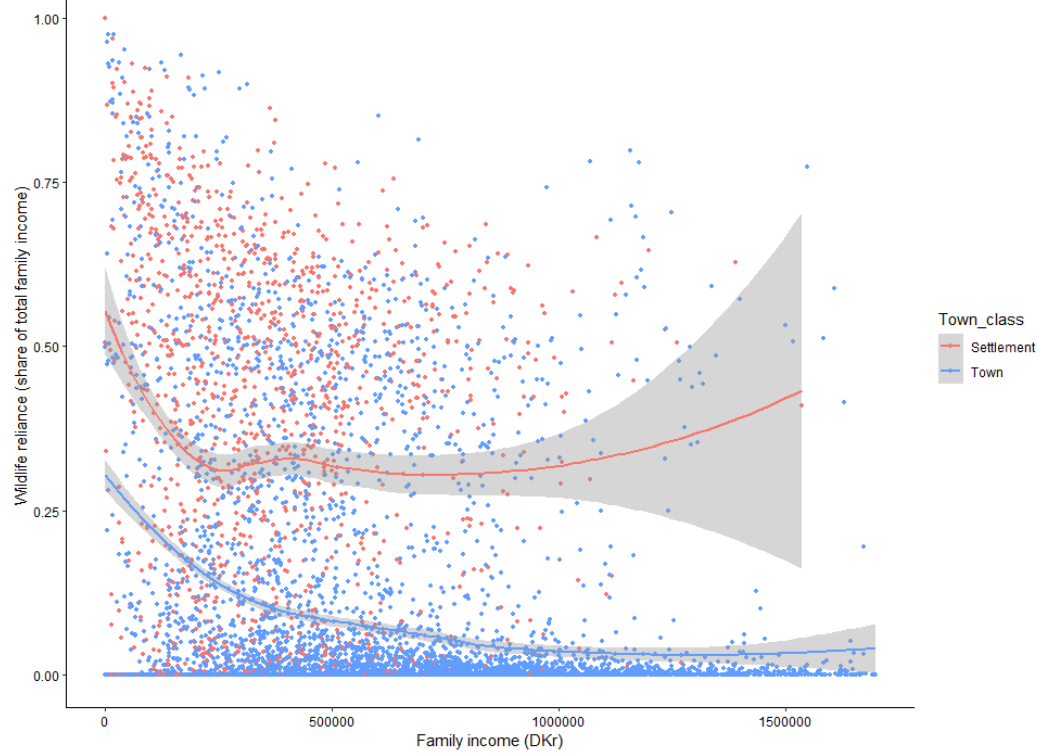
Preliminary results



Reliance as a function of other income

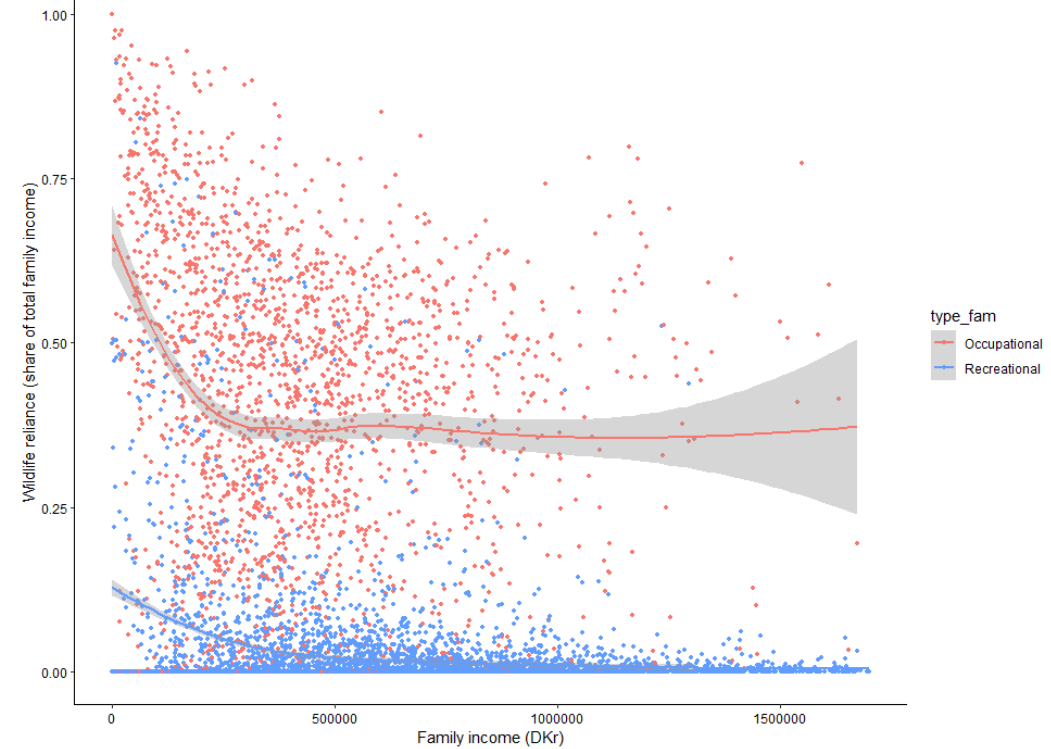
By settlement type

Reliance on wildlife (cash and subsistence) as a function of family income in 2020
(All families with a registered hunting license)



By hunter type

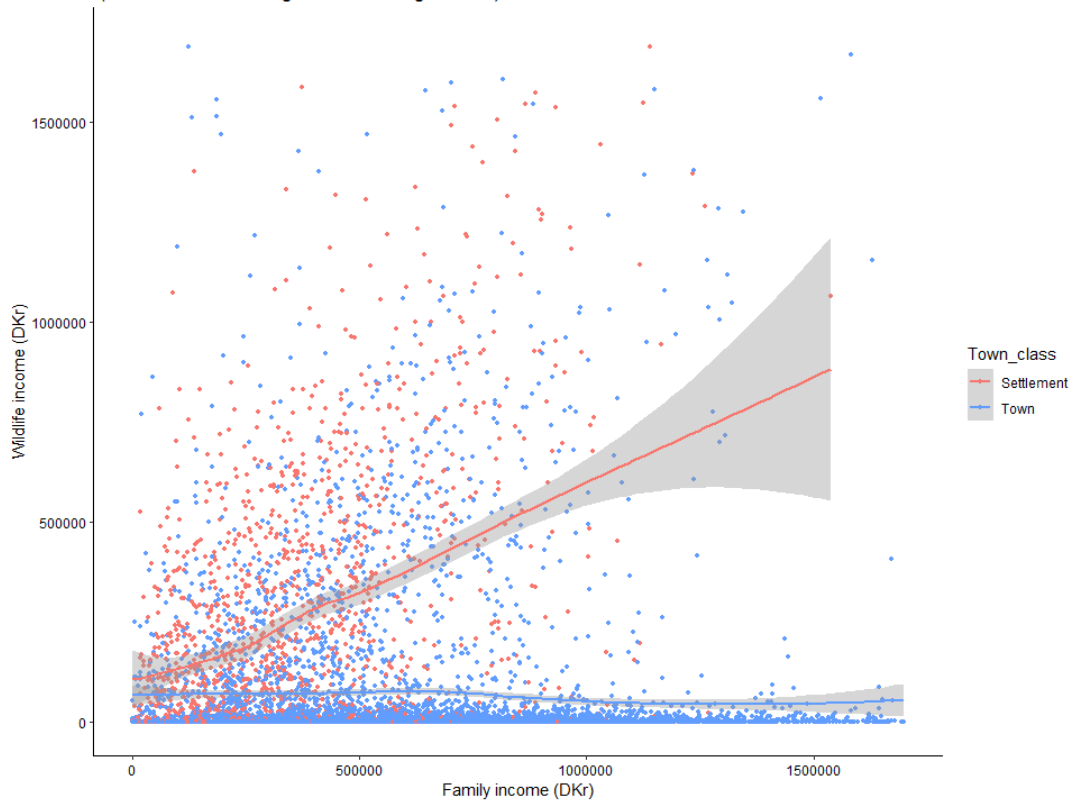
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Absolute wildlife income as a function of other income

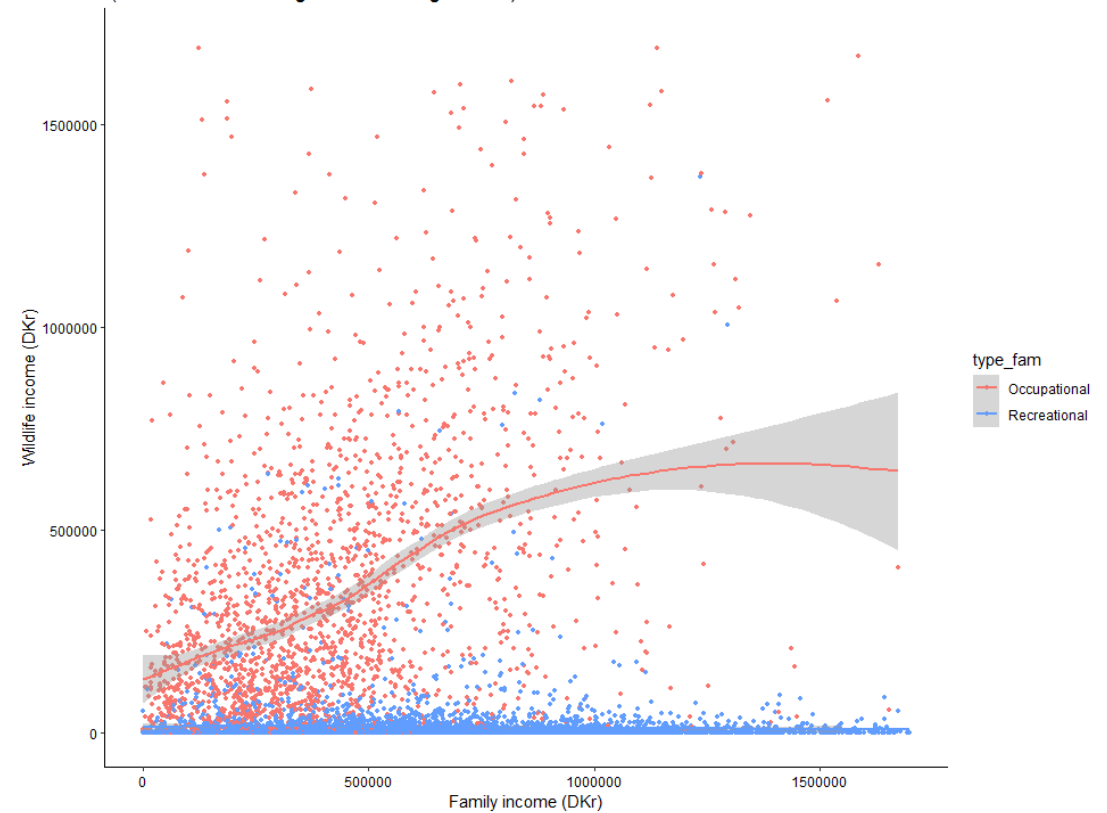
By settlement type

Wildlife income (cash and subsistence) as a function of family income in 2020
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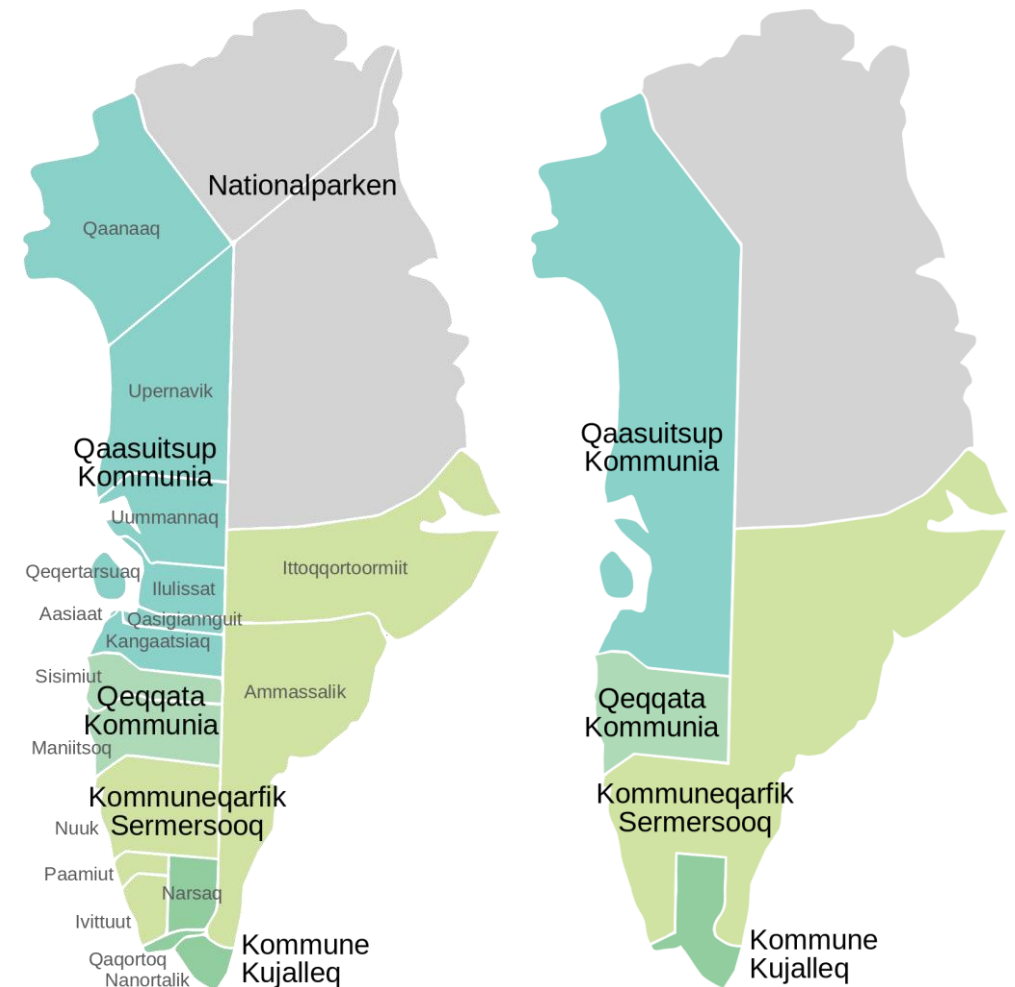
By hunter type

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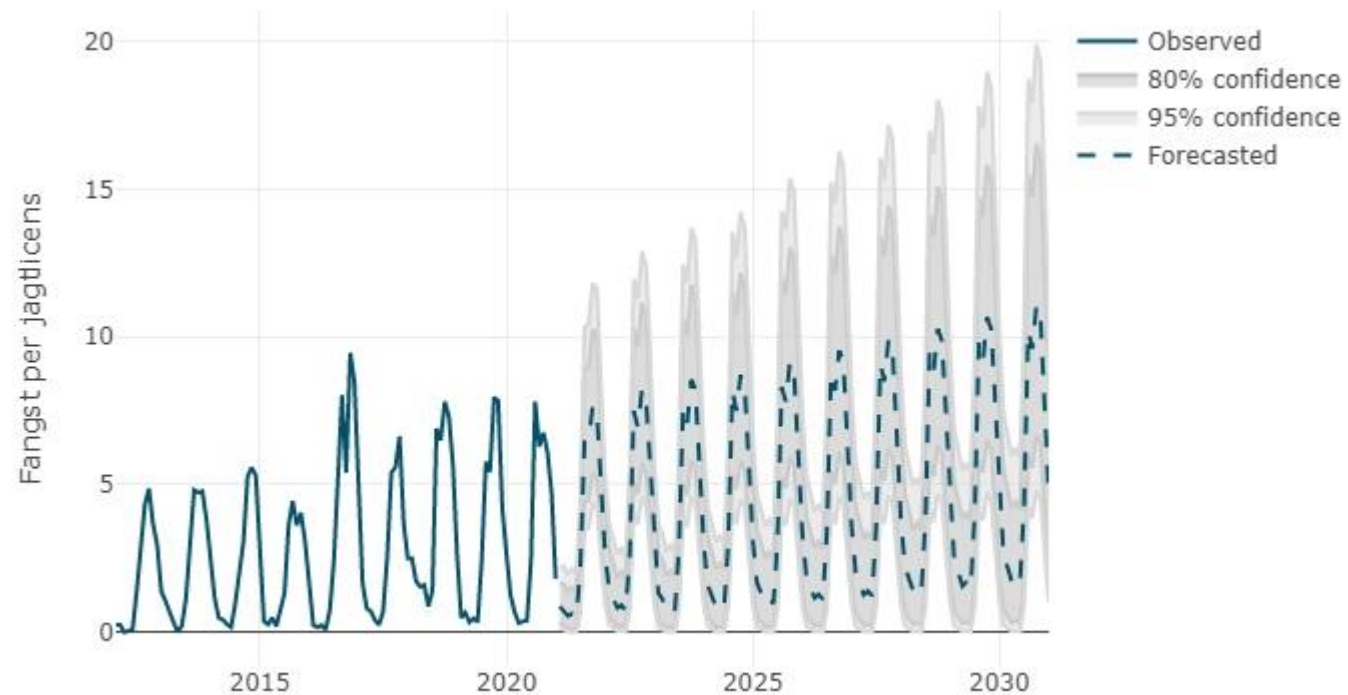
Next – after receiving the correct data from GS

- Explore geographical patterns –
 - Dynamic choropleth
 - Reliance in a global context
 - Importance of wild meat in the global south
 - Adding non hunter households
- Evaluate latent hunter types
- Model relationship with climate parameters and between species
- Model relationship with age and education
 - The life history of human foraging: Cross cultural and individual variation



Blåside - Harp seals (*Pagophilus groenlandicus*)

Gennemsnitlige antal blåside fanget per jagtlicens i Tasiilaq distrikt - future scenar



Gennemsnitlige fangst per fanger

Årlige gennemsnit 2012-2020	Total 2020	Scenario 2030	Ændring i forhold til 2012-2020	Ændring i forhold til 2020
33,428	38,914	68,309	104%	76%

Workshops in East Greenland April 19-28th

- Obtain input to design plausible and relevant scenarios for the development of the sector
 - Including possible interactions between species
- Obtain missing prices for individual species
- Estimate (roughly) own consumption of fish
- Evaluate extent of sharing and the distribution of catch between multiple participating hunters
- Enquire about underreporting and estimate extent (as far as possible)

Questions and suggestions?

