Coalescent inference of HIV transmission history

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T-6: Theoretical Biology and Biophysics
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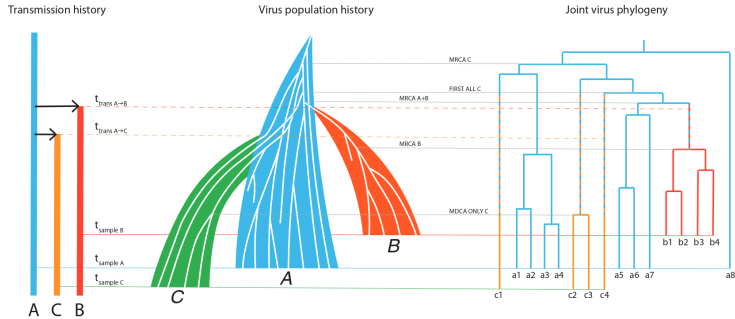
Why this project?

I'd really like to have an image here. Don't want to bore the audience too much.

* Prevalence of HIV
* Supplementing existing tracing methods
    * Contact tracing
    * Interviews
* TODO maybe I should write down the sort of THESIS of the whole project? IDK

Inferring phylogeny

Coalescent modeling

Main findings:

  ∗ First

  ∗ Second

Coalescent modeling

Need a good example of text on here...

Predictions on a changing population

This is where I plan to put my stuff about expanding everything up to a linear model, and how it should allow us to make inferences based on how the times are changing.

Results

What I did. . .

Conclusion

Parting thoughts...