

Concordance of Epic knowledge with modern peopling of India

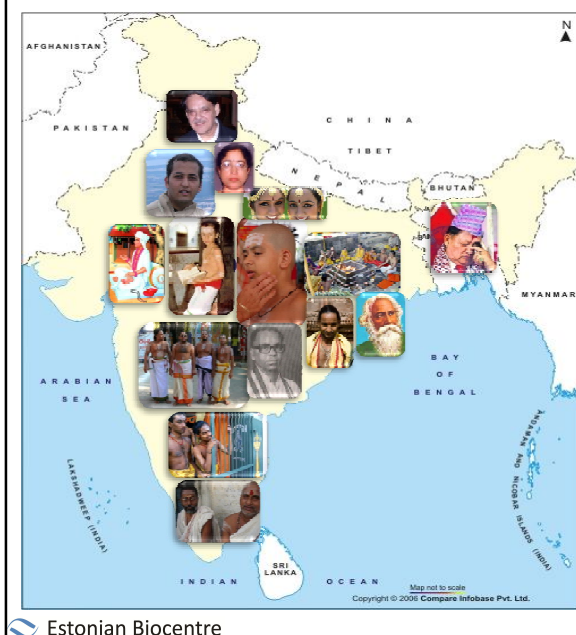


Gyaneshwer Chaubey

Estonian Biocentre

Estonian Biocentre, Tartu, Estonia

Salient features

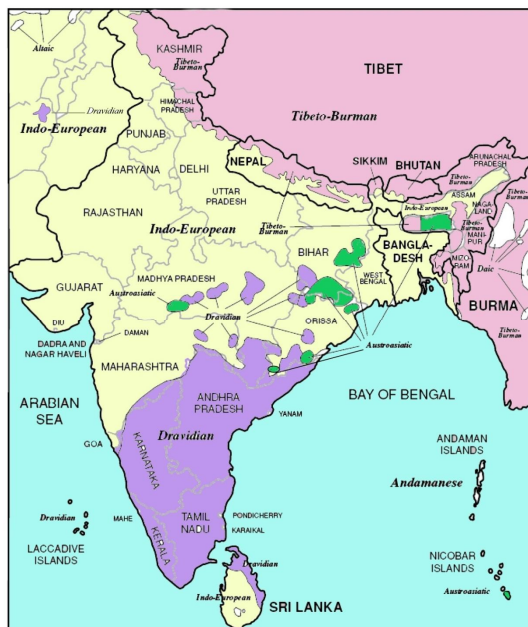


4,635 well defined populations
532 tribes (8.2%)
(36 hunters and gatherers)

Diversities in:
language
social structure
dress and food habits
marriage practices
physical appearance

genetic architecture

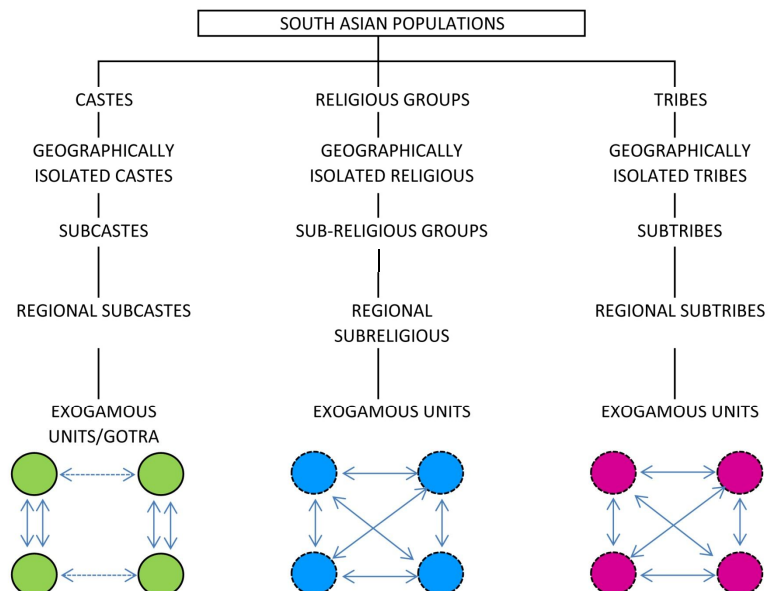
Linguistic Diversity



Indo-Europeans (IE)
Dravidian (DRA)
Austroasiatic (AA)
Tibeto-Burman (TB)

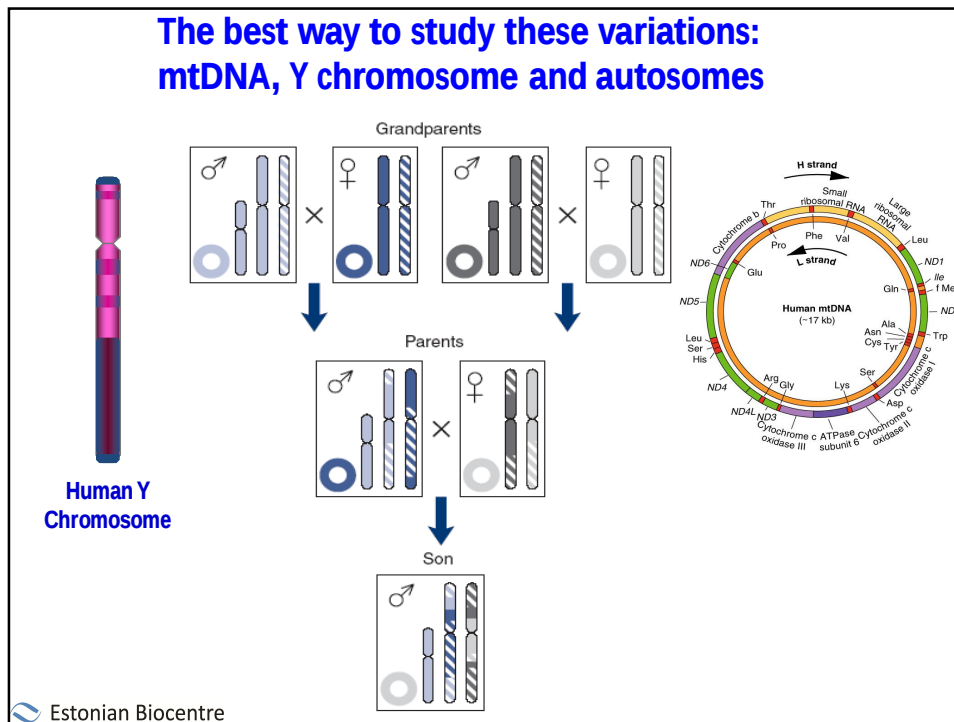
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Social Structuring

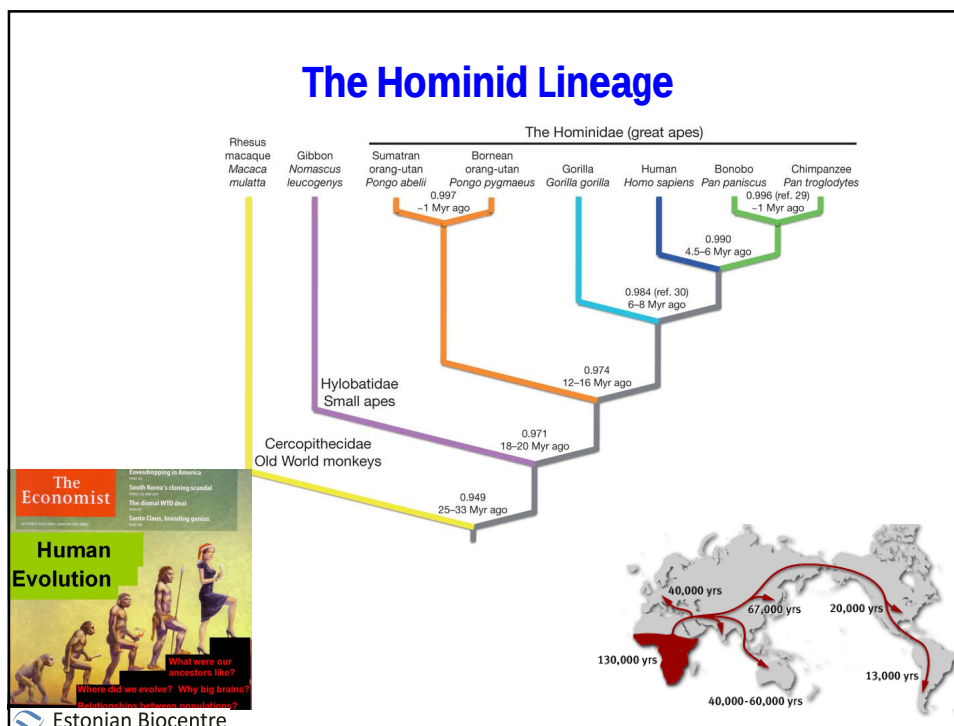


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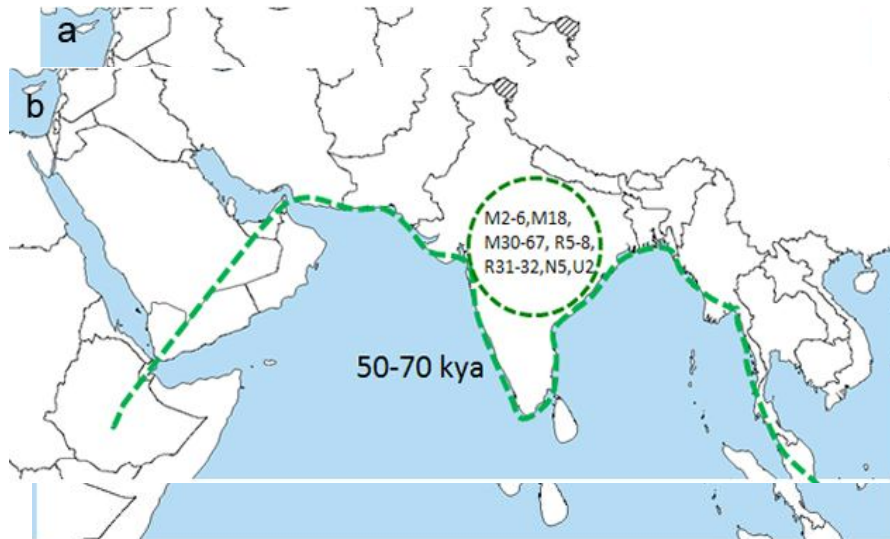
**The best way to study these variations:
mtDNA, Y chromosome and autosomes**



The Hominid Lineage



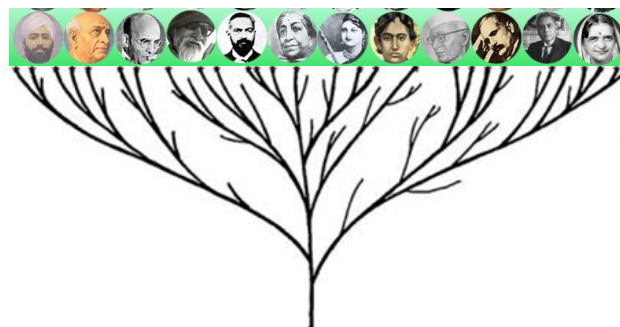
Different Scenarios in context of Indian subcontinent



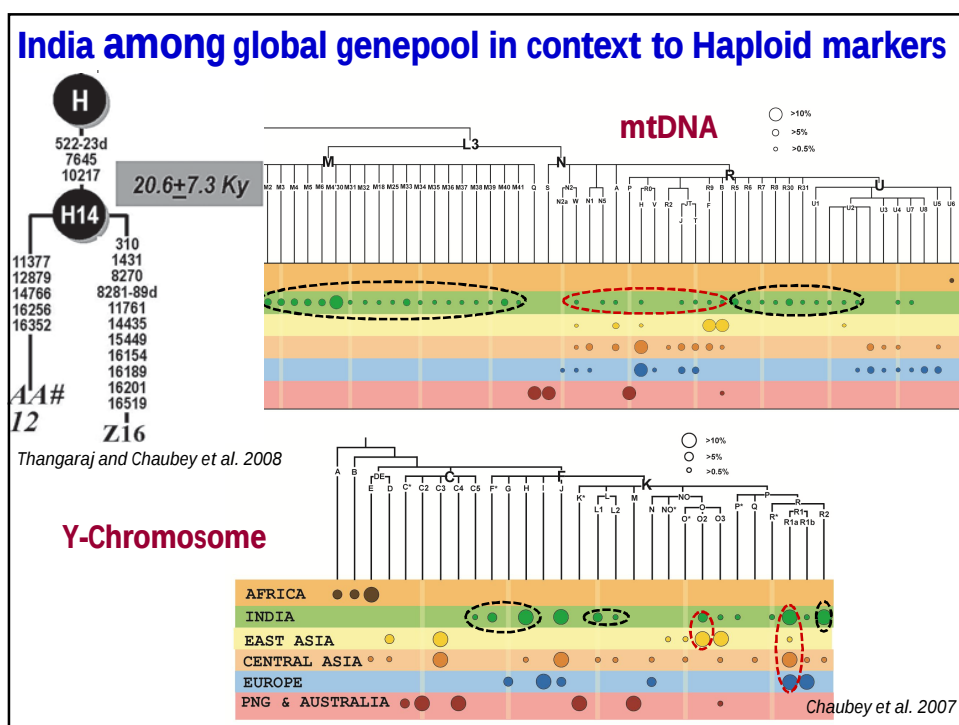
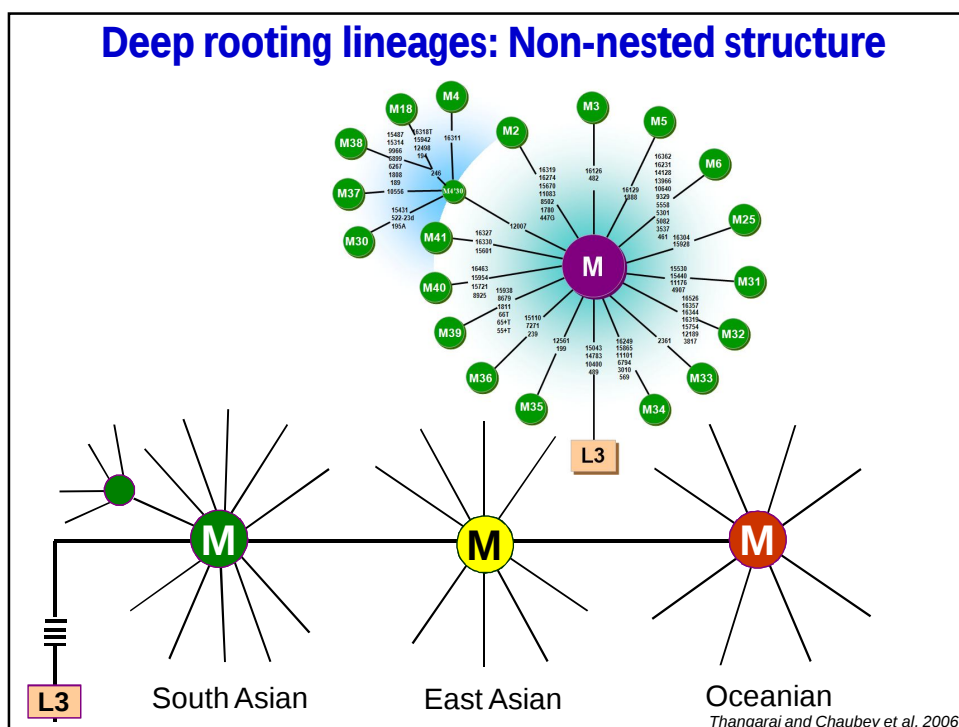
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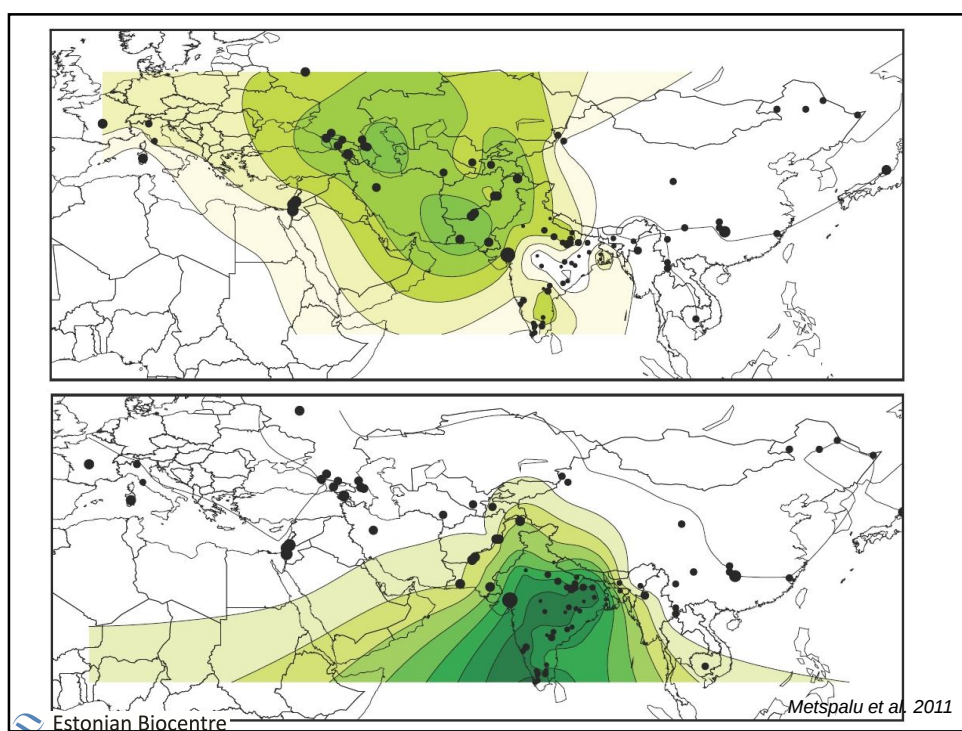
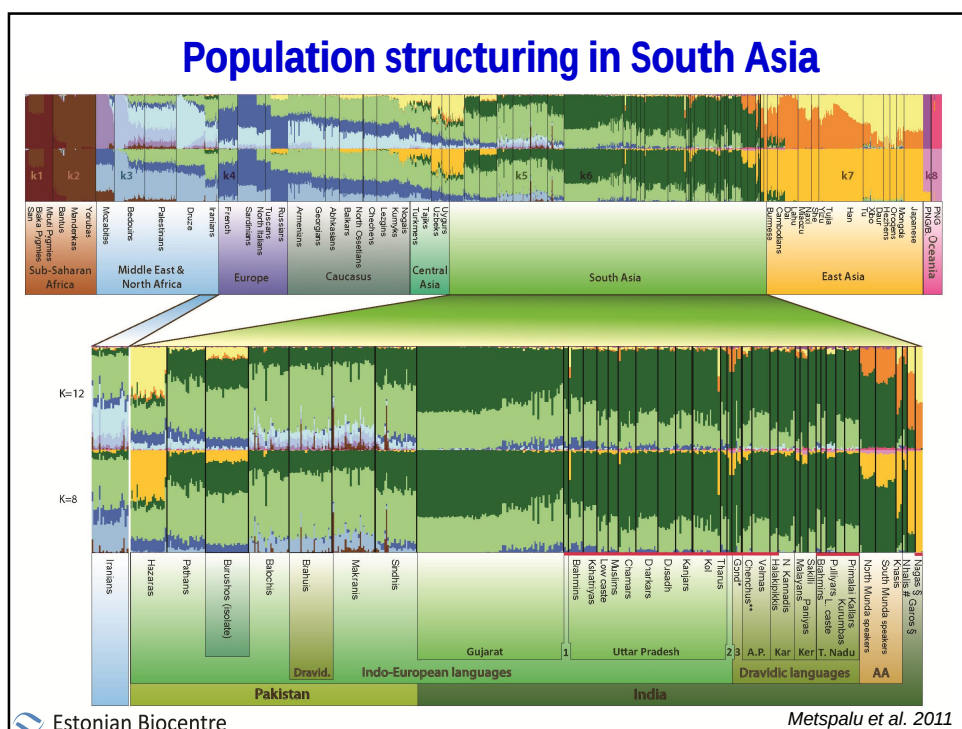
Question revisited

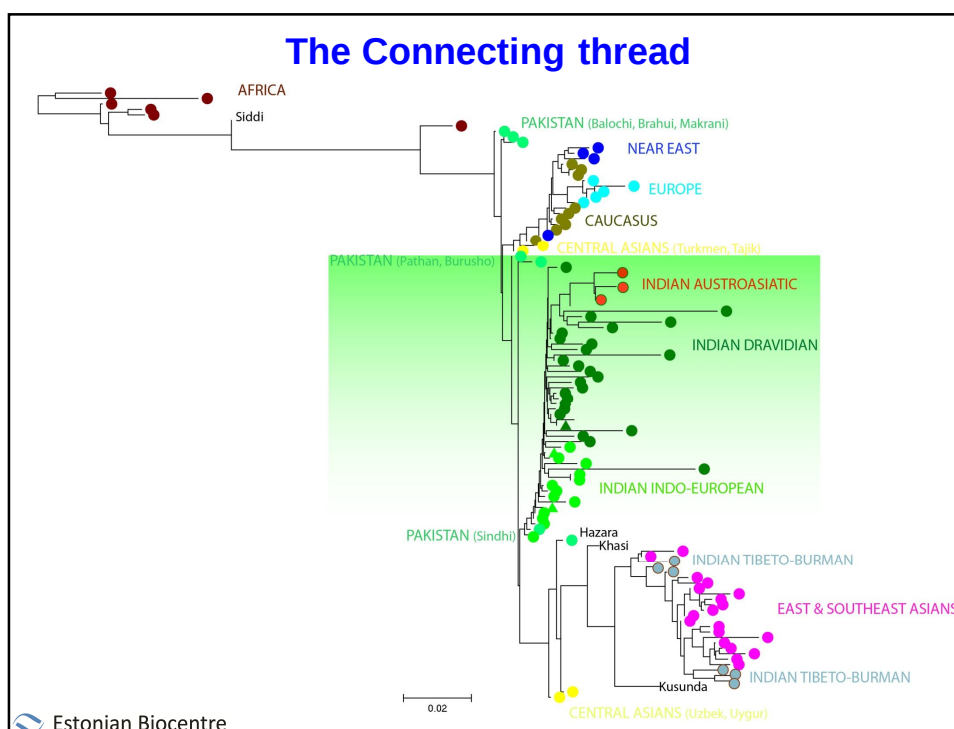
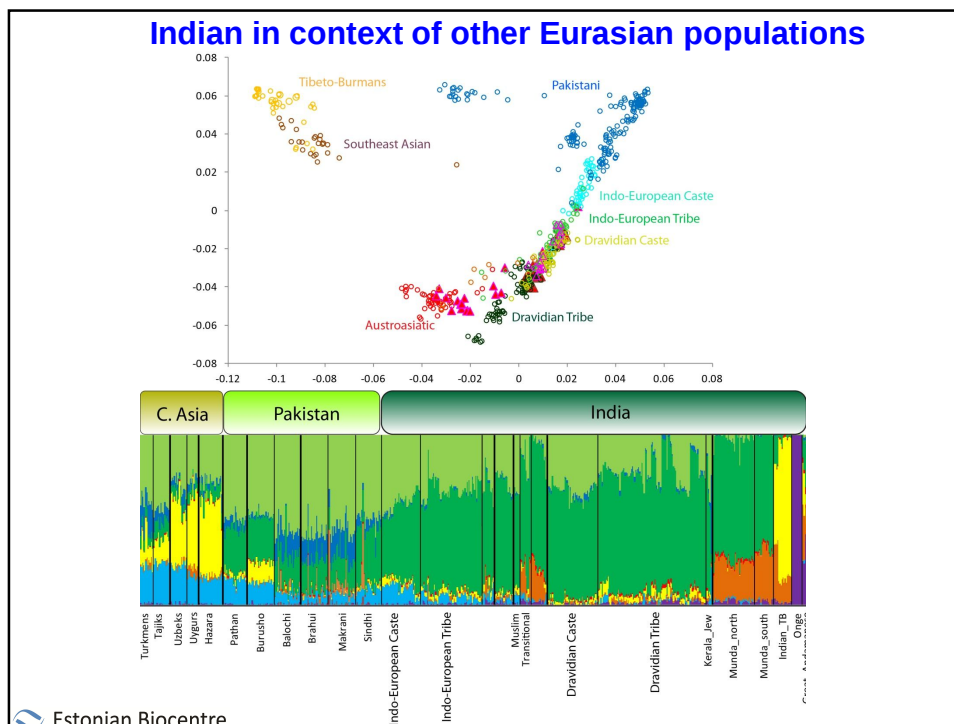
1. Is all the people of India share a common ancestry?

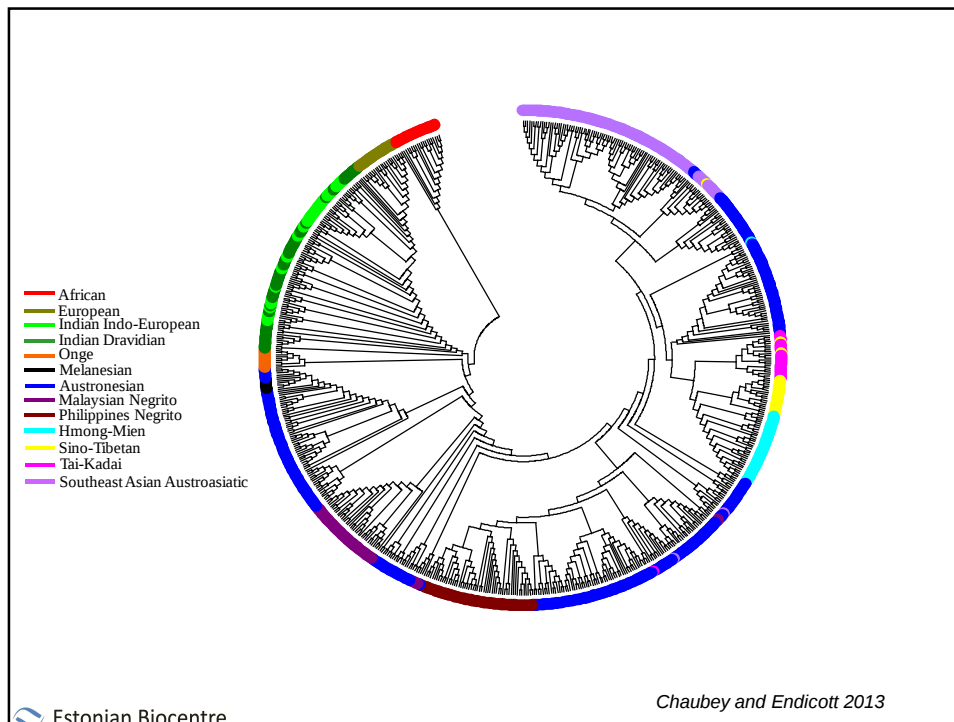


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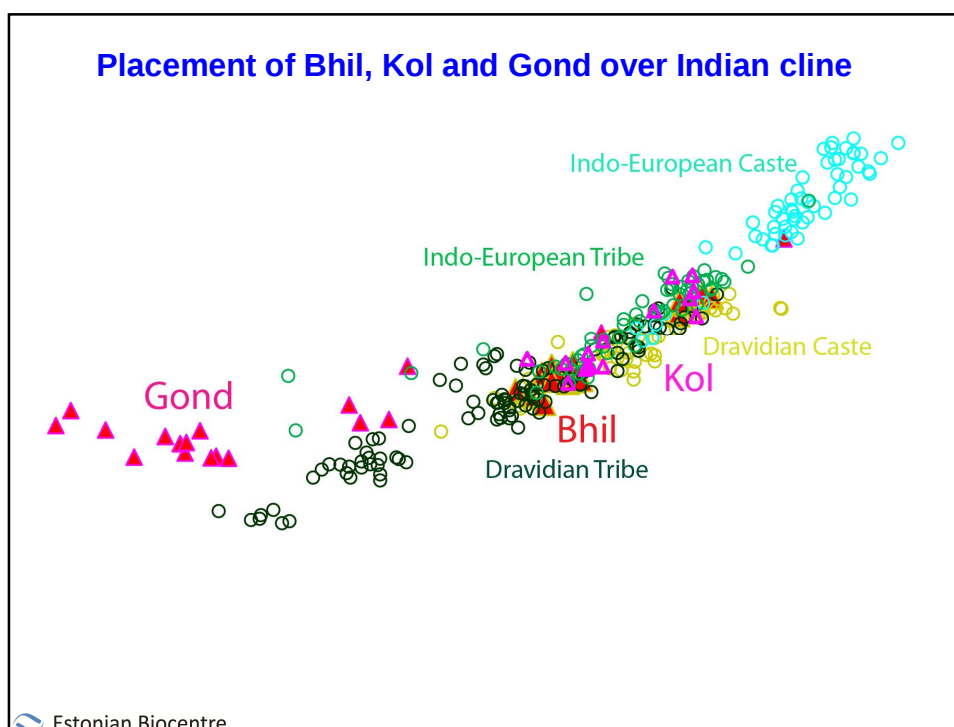
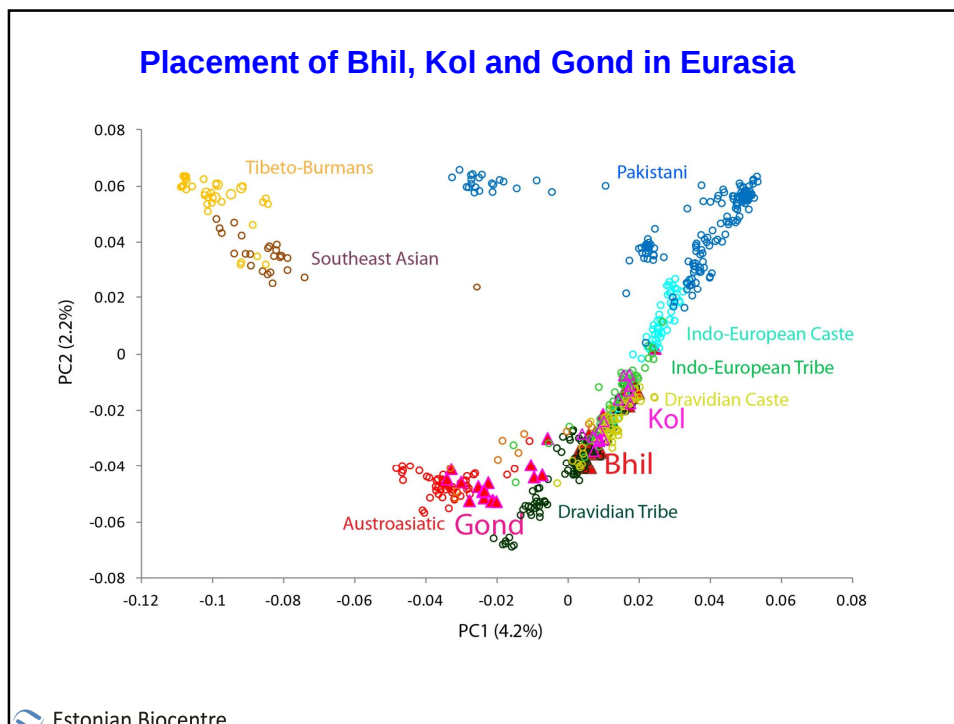


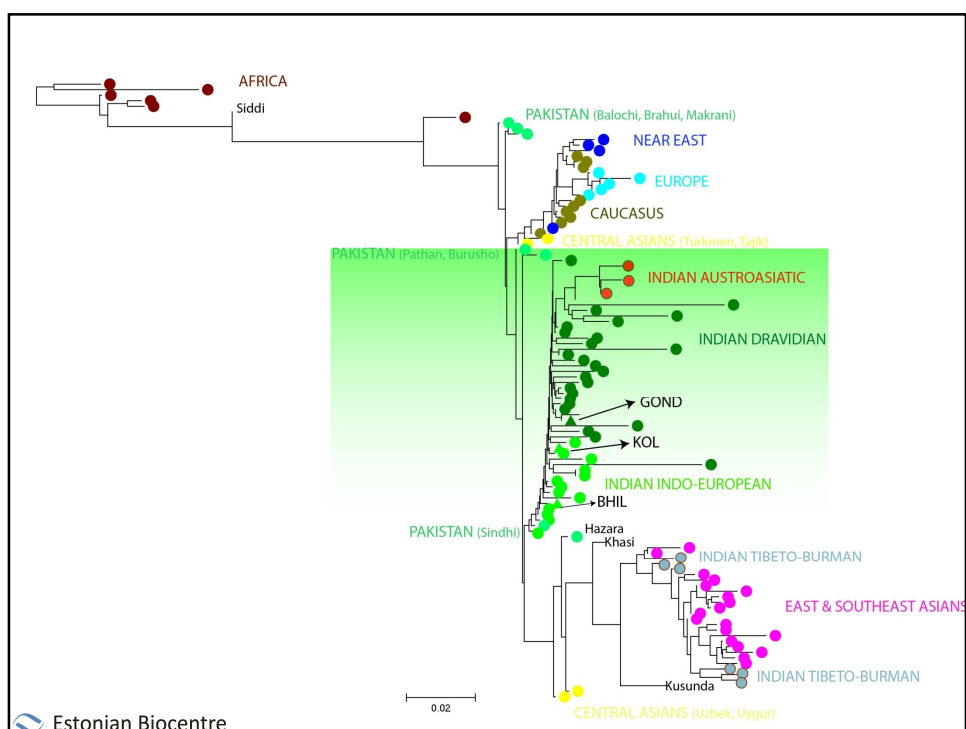
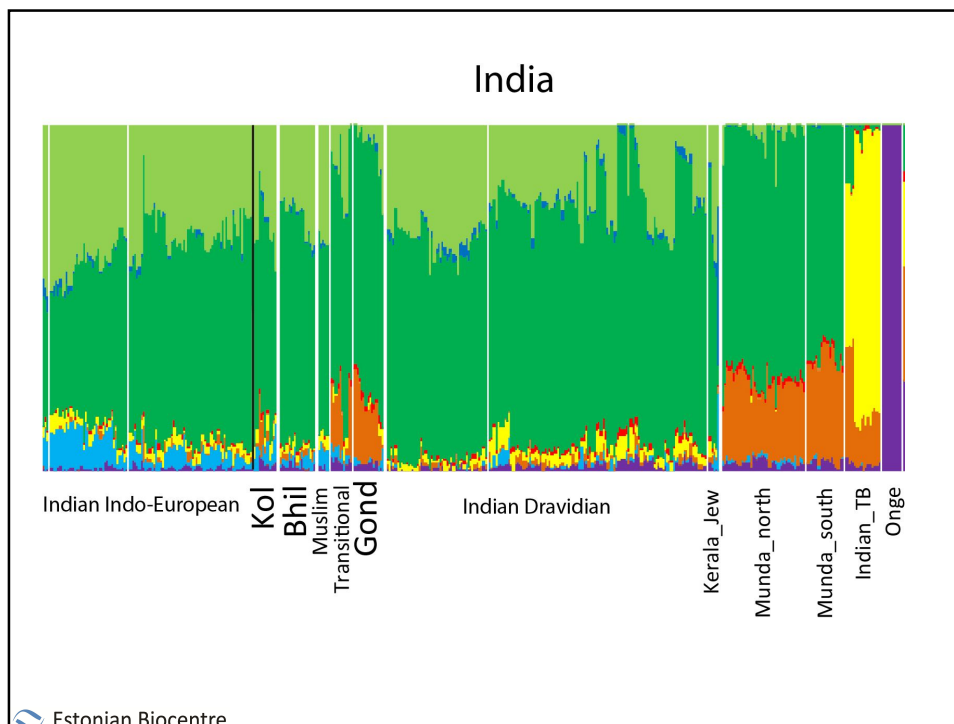


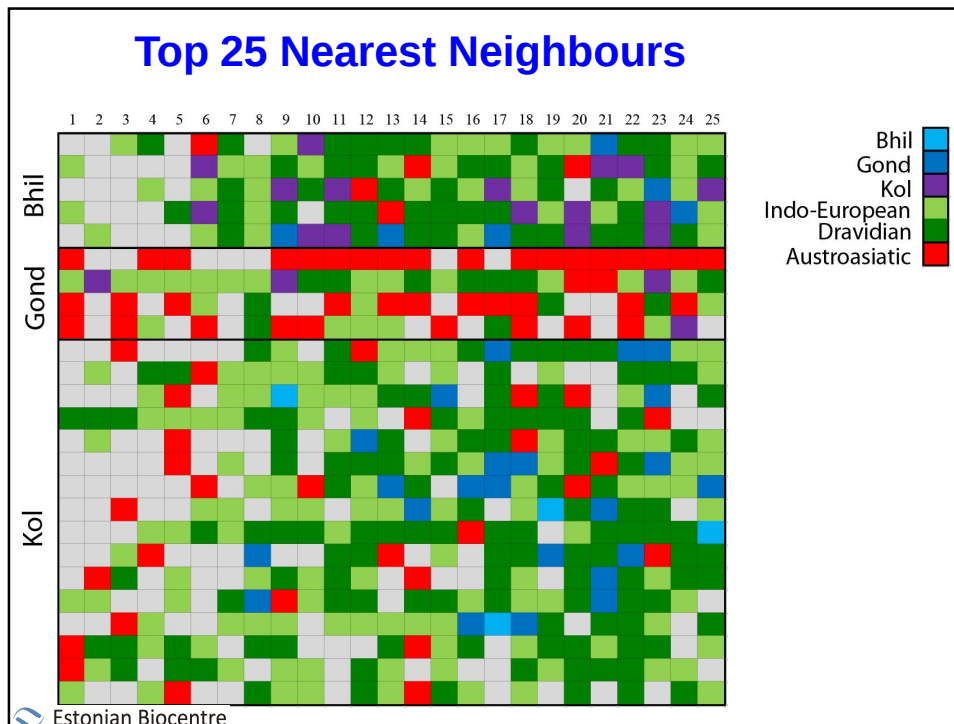
Objective

1. Continuity vs. Discontinuity: reference from Ramayana: A study of Bhil, Kol and Gond.









Conclusions

- No support for any genetic signal of recent migration either of present Dravidian or Indo-European speaking populations to the subcontinent.
- The genetic component sharing among different populations reflect their population history, which was primarily founded over indigenous component.
- The prehistoric tribal groups mentioned in *Ramayana* share a common heritage observed in contemporary caste and tribal populations of the subcontinent, suggesting a genetic continuity prevailing from ancient time.

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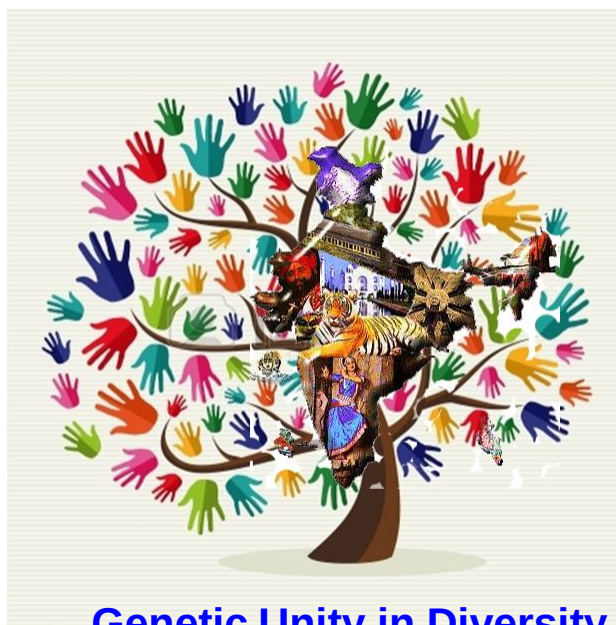
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Genetic Unity in Diversity