HIV-1 group O in Cameroon: 10 Years Evolution, 2006-2013
Prevalence & Diversity

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What is HIV-1 group O?

HIV-1: At least 4 transmission events

HIV-2: At least 9 transmission events

South Cameroon:
HIV-1 Origin

VIH-1 groupe M

VIH-1 groupe O
Key Findings: Genetic Diversity

- New HIV1O strains (n=41) intermixed with previously reported sequences
Important intra-group diversity, but no “subtypes” features.
Effective number of HIV-1 group O infections over time: *From 1890...*

Bayesian skygrid estimates of past population dynamics

- 1990: 0.8%
- 2000: 0.6%
- 2010: 1.2%

**Key Findings:** Prevalence
Conclusion

Please, see Poster #22 for more details...

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