

Update on Current Activities

Andrew Azman

with

Elizabeth Lee, Justin Lessler and many others

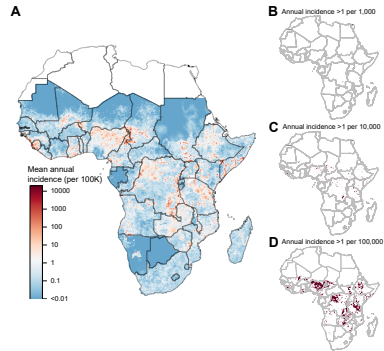
GTFCC OCV Working Group :: 5 Dec 2018



- 1 Mapping Cholera
- 2 Case Studies
- 3 New Tools for Identifying Priority Areas and Tracking Transmission



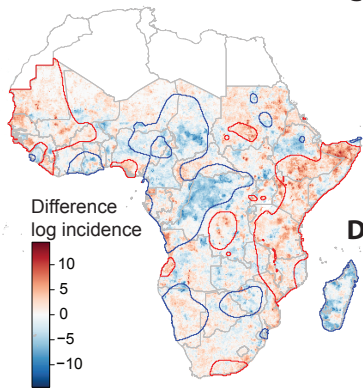
- Updated estimates of global cholera
- Impact and cost-effectiveness of global OCV investments
- Maps of seasonality and inter-annual variability of transmission
- Review and summarisation of cholera outbreak characteristics
- New interface for data access, entry and database (in progress)



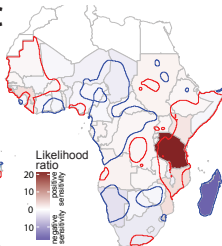


Risk Factors for Cholera Incidence: From Weather to WASH

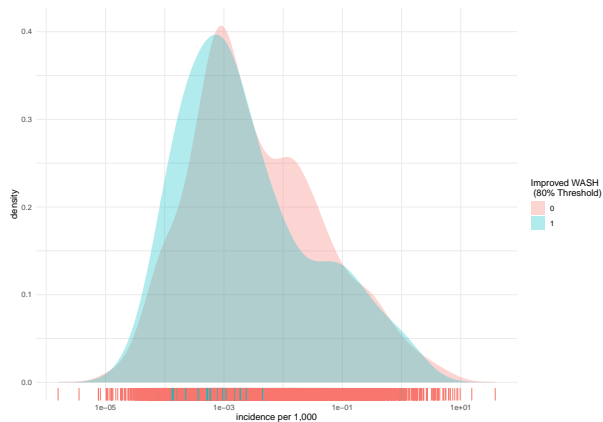
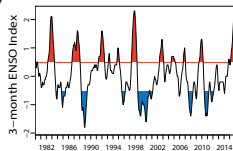
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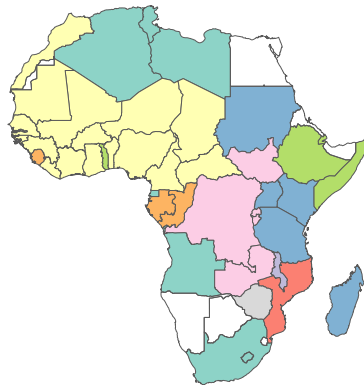
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Incidence-based Clusters

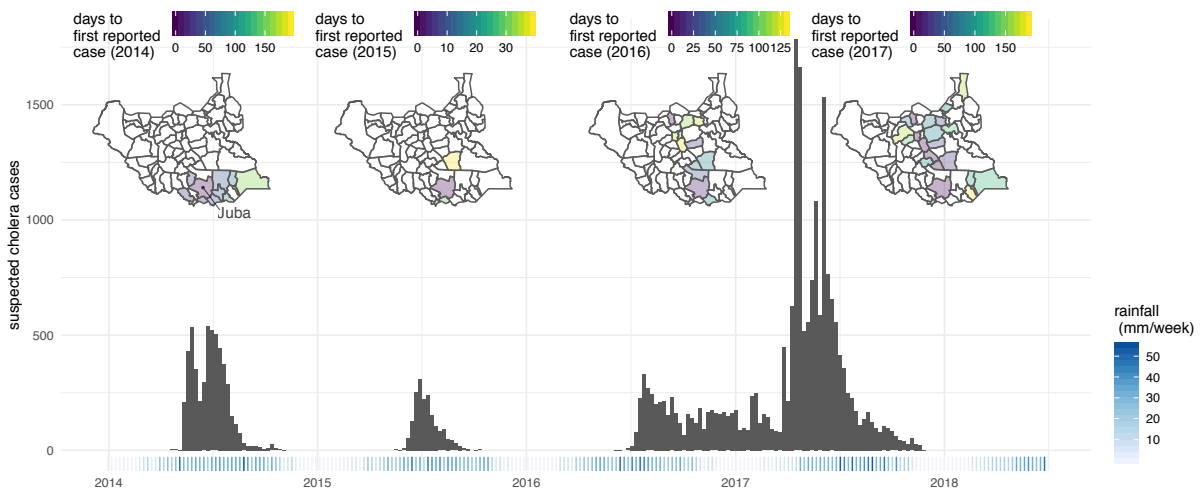


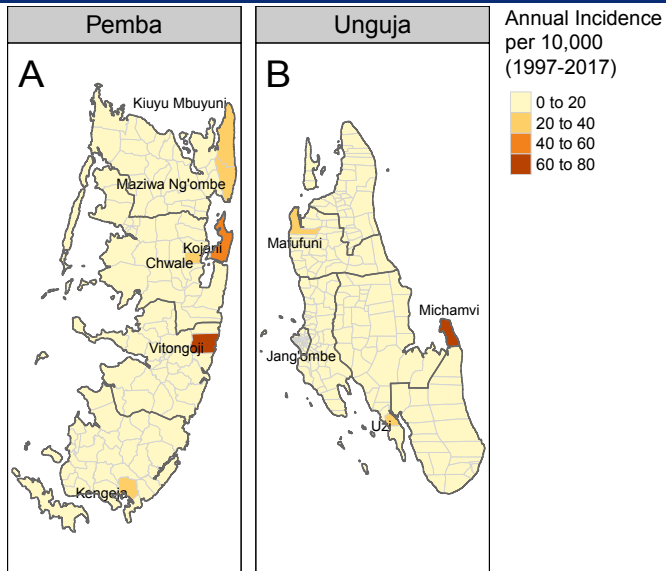
Lineage-based Clusters



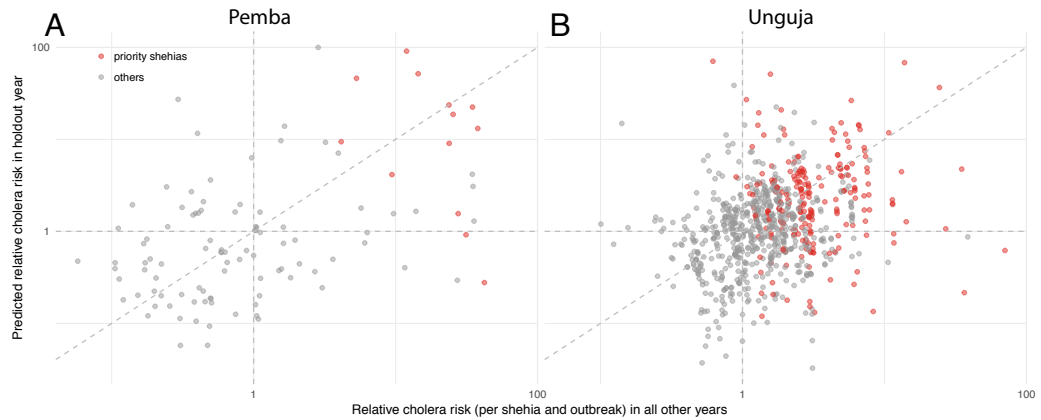


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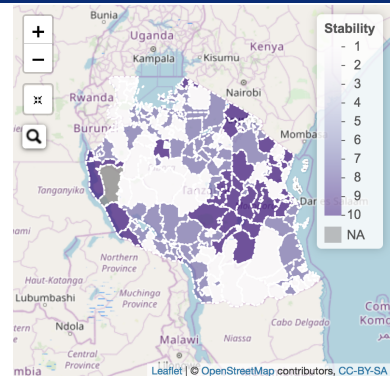
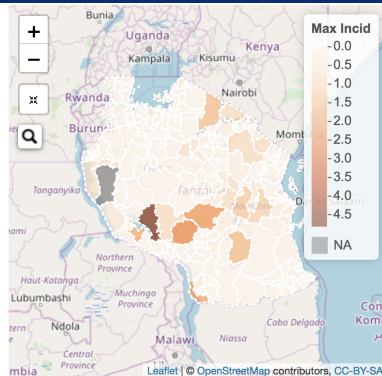
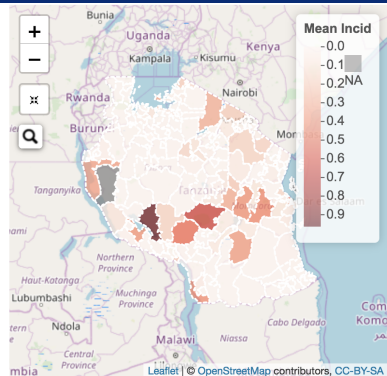


Bi et al, 2018, JID



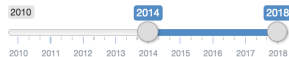
Bi et al, 2018, JID

Identifying Priority Areas in Tanzania



Set criteria for identifying priority intervention districts:

Choose the period of interest:

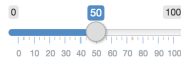


Define the Stability criterion:

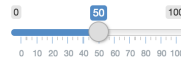
At least one case

Set relative weights for the three criteria under consideration in this prioritization process:

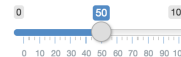
Mean Annual Incidence:



Max. Annual Incidence:



Stability of Burden:





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