

Scale Uncertainty in ALDEx2

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Overview

- ▶ These slides are by no means polished.
- ▶ Idea: Use a simulation and Vandputte to introduce SRI + SSRVs + modifications to ALDEx2

Recap: Sequencing Depth is Unrelated to Scale

Recap: This can mislead analyses.

Recap: ... and lead to unacknowledged bias.

Motivating Example: Antibiotic Study

Scale Reliant Inference: The Basics

Scale Reliant Inference: Formal Definition

The Updated ALDEx2 Software

Real Example: Vandputte