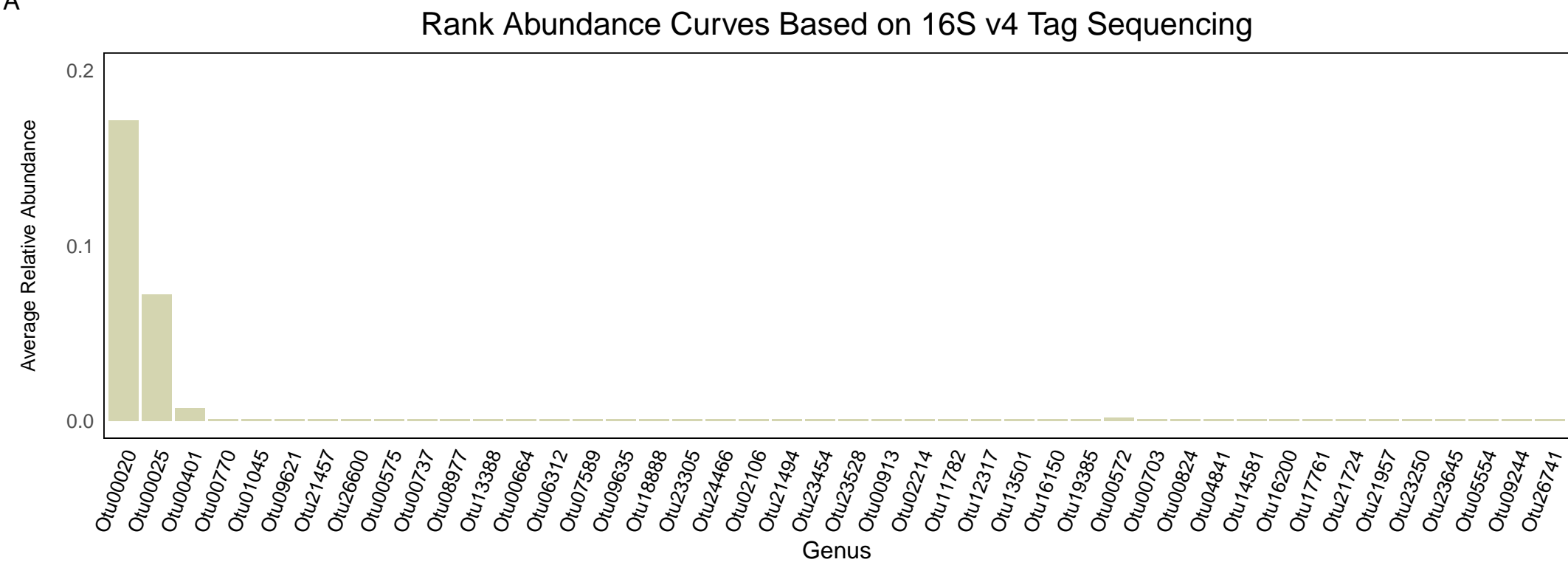
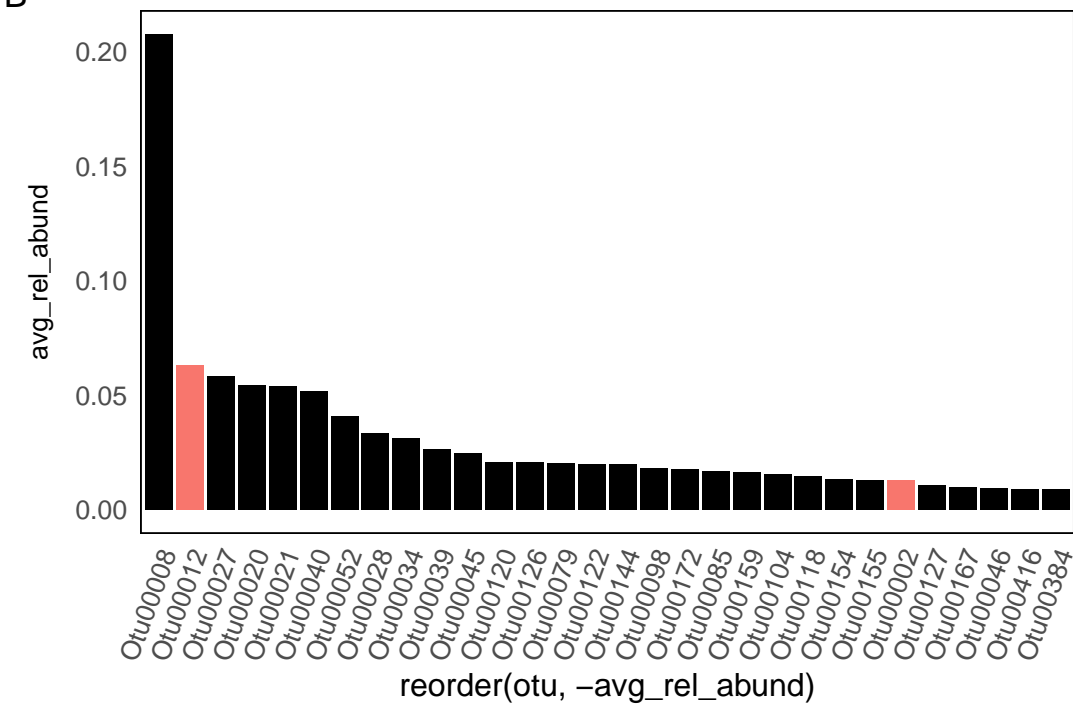


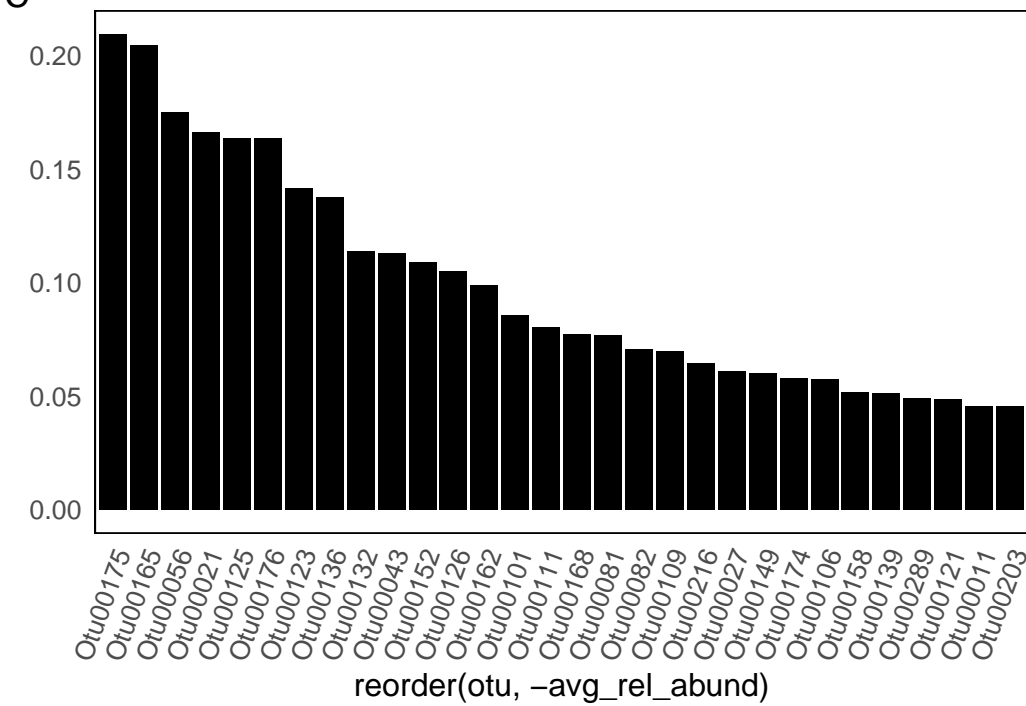
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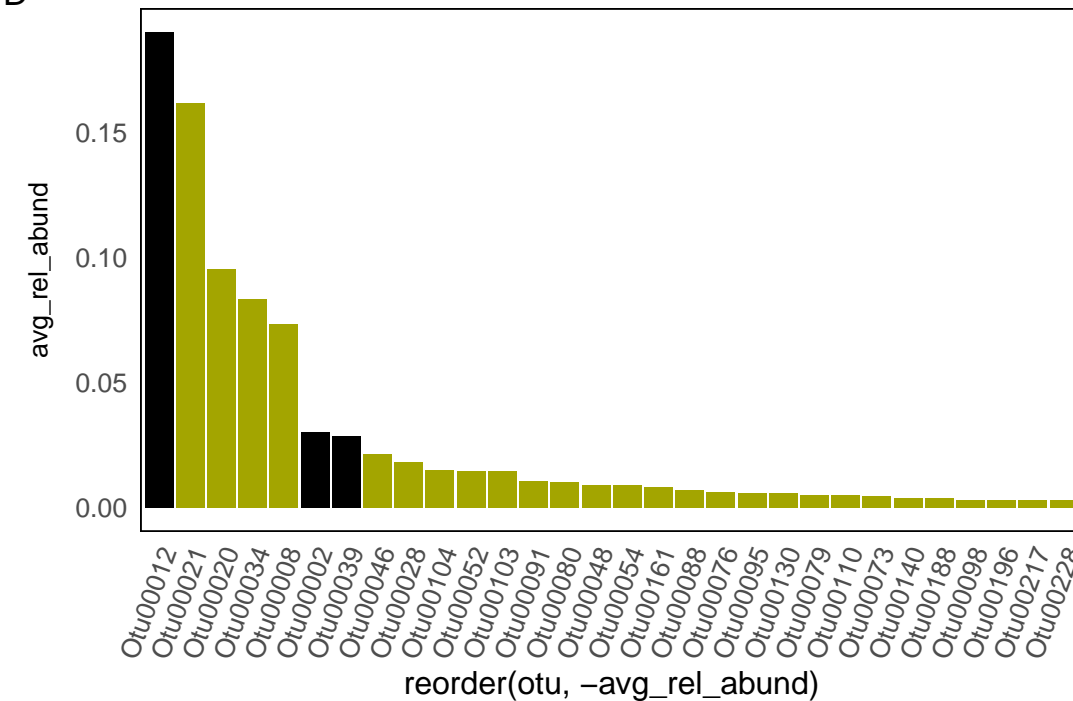
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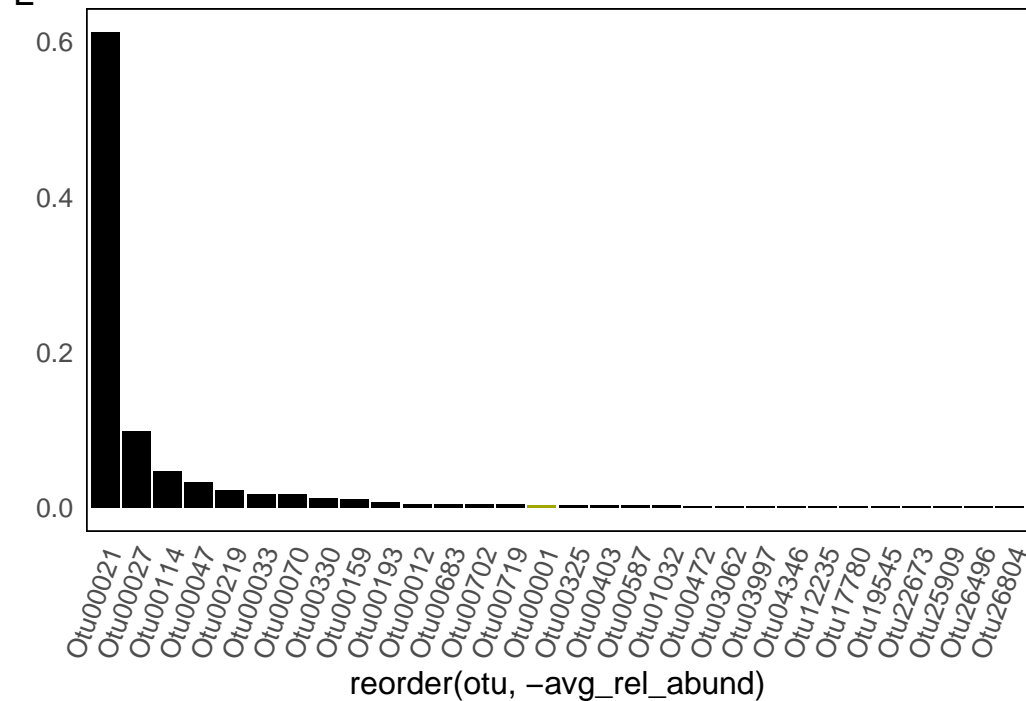
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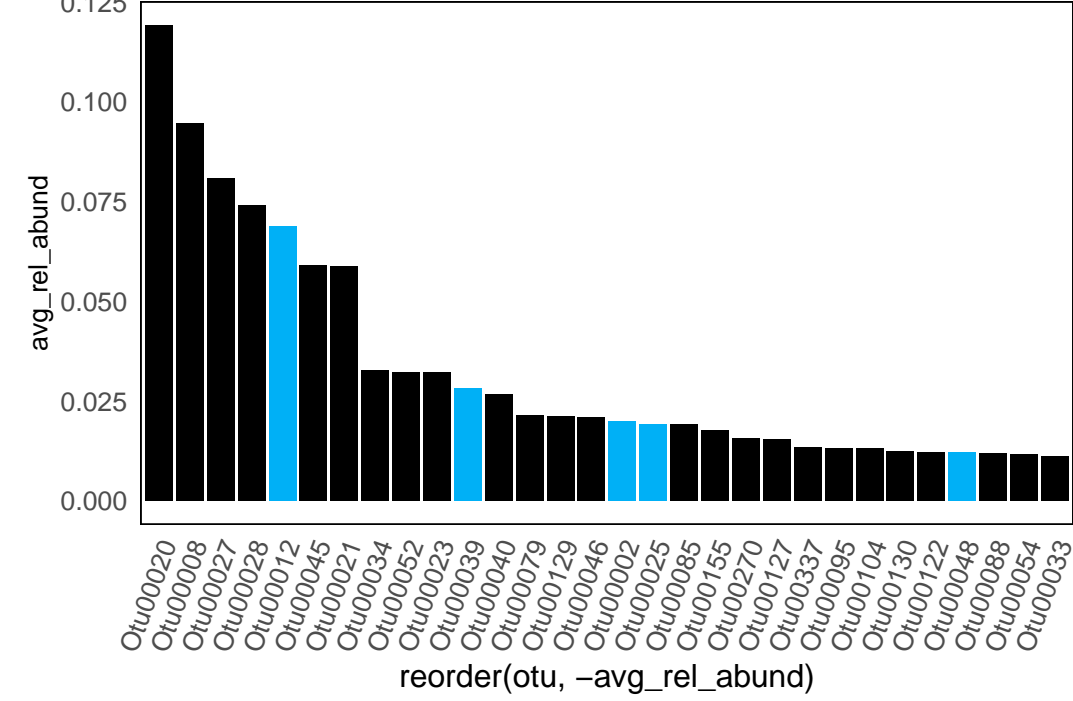
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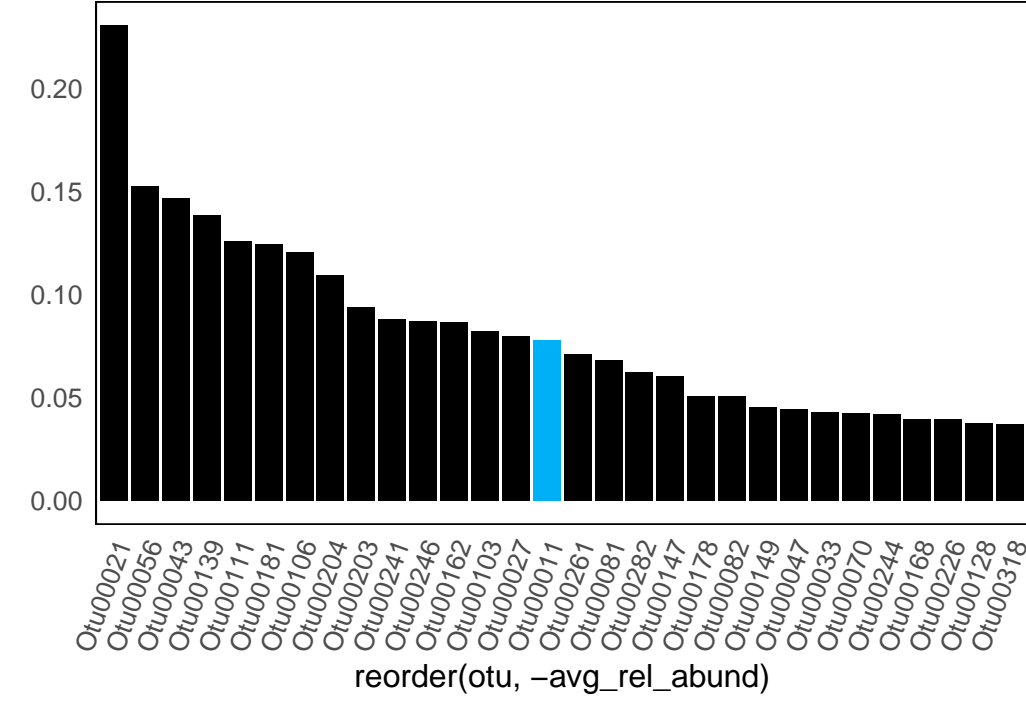
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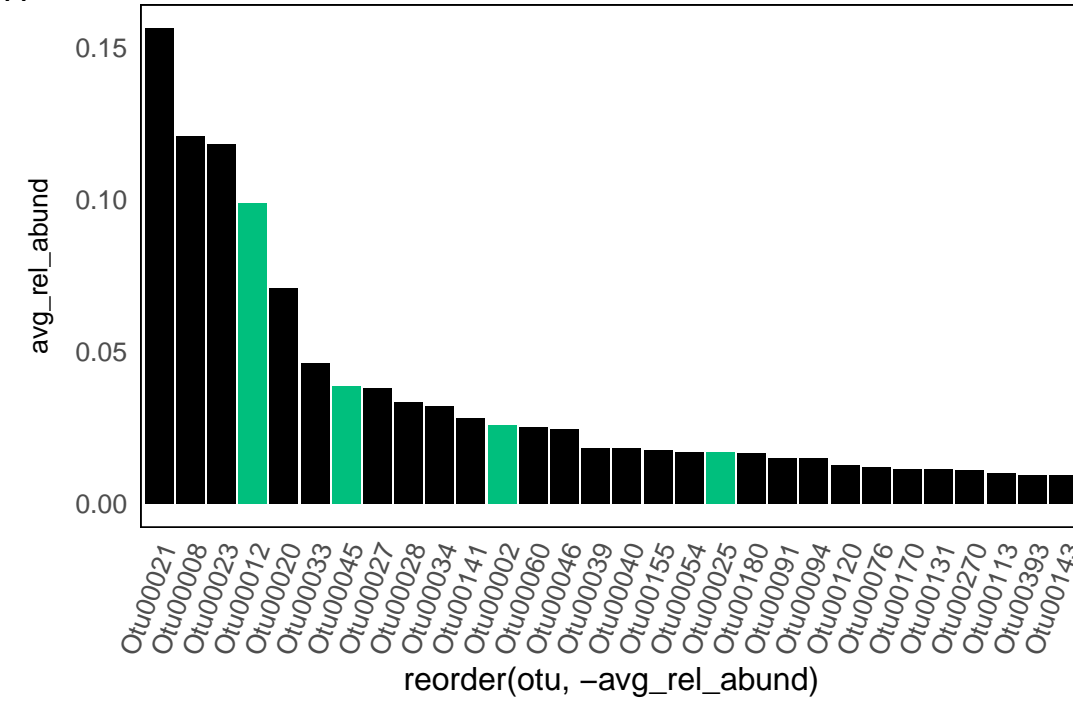
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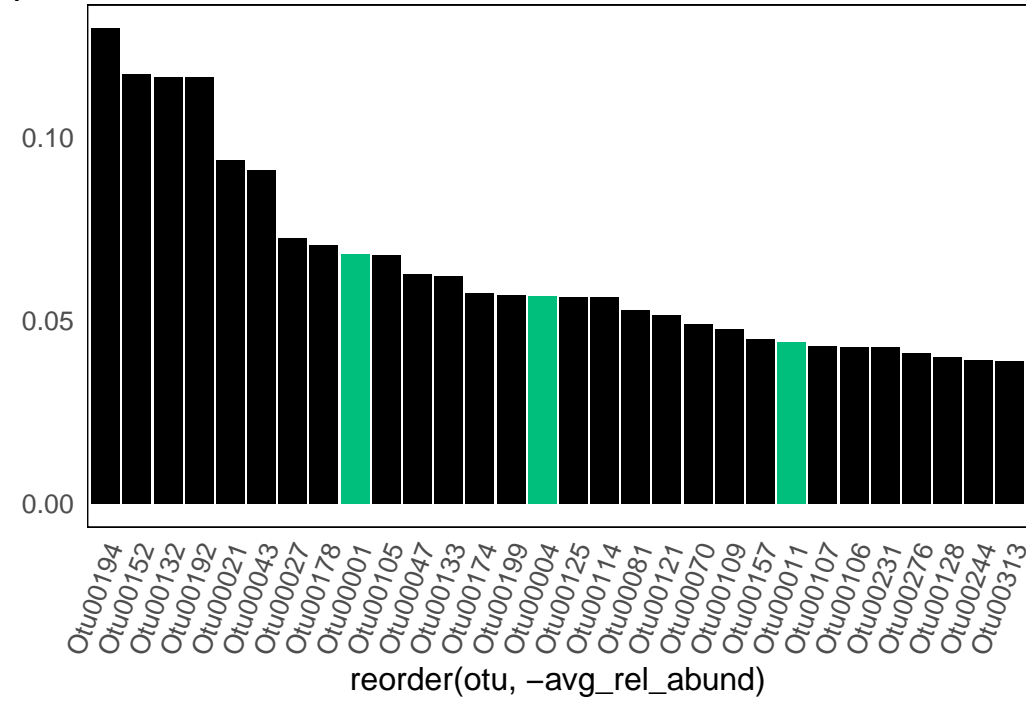
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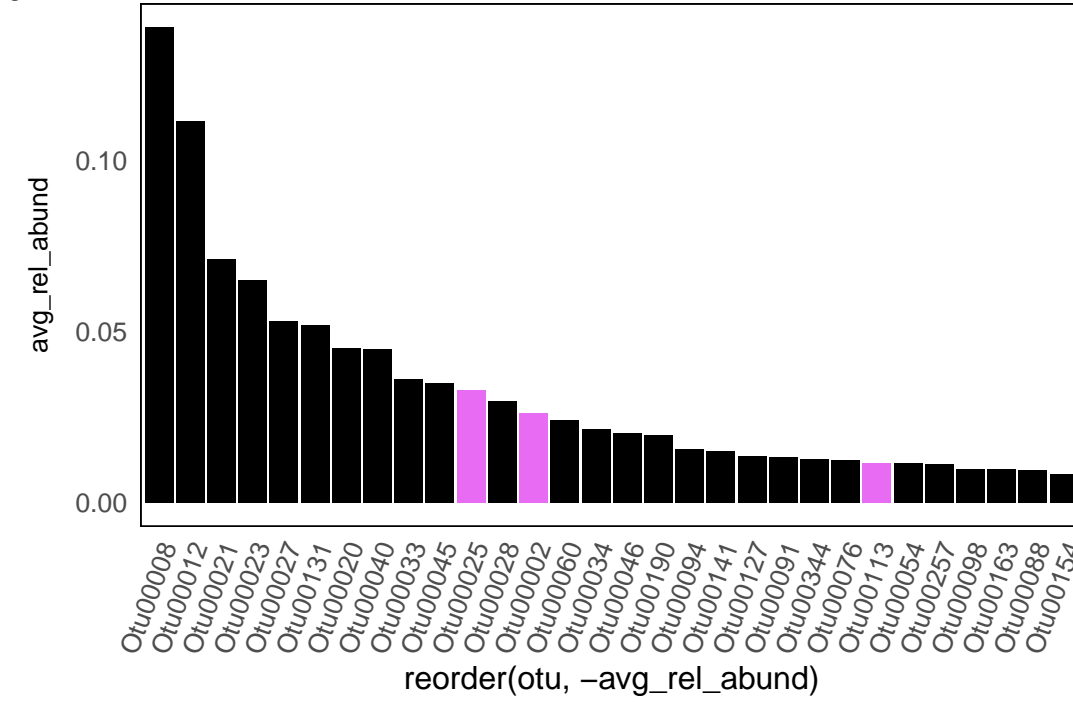
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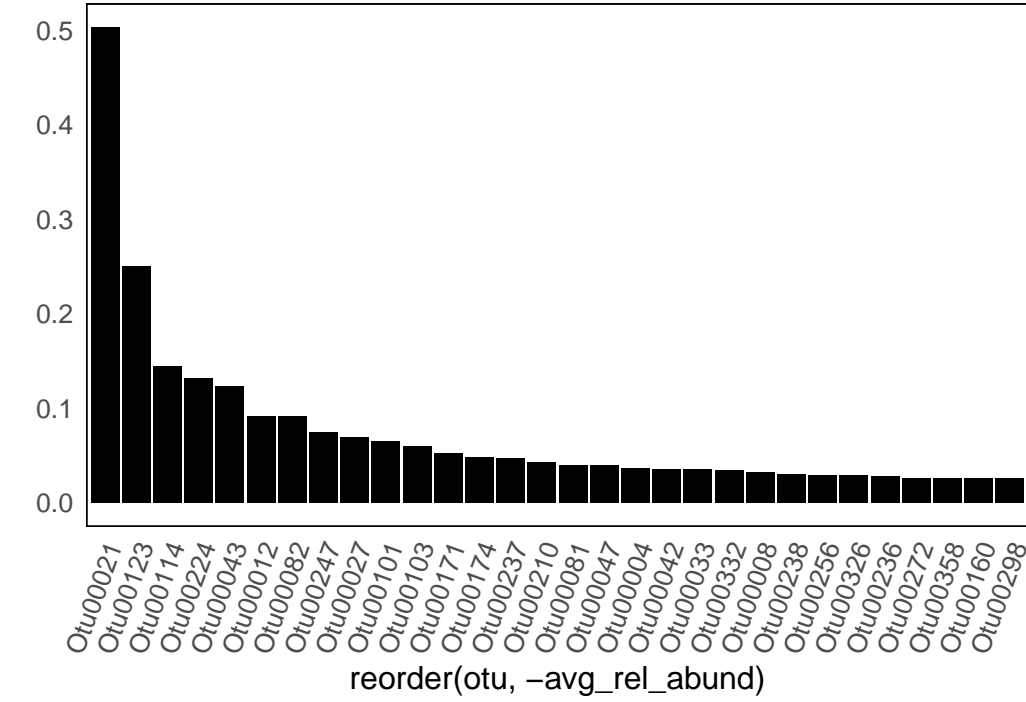
1



J



K



Pond Community Day 0

```

graph TD
    A["Pond Community Day 0  
■ Natural Inhabitant"] --> B["■ Not Isolated  
■ Cultured Isolate"]
    B --> C["■ Not Isolated"]
    C --> D["■ Not Isolated  
■ Cultured Isolate"]
    D --> E["■ Not Isolated  
■ Cultured Isolate"]
    E --> F["■ Not Isolated  
■ Cultured Isolate"]
    F --> G["■ Not Isolated  
■ Cultured Isolate"]
    G --> H["■ Not Isolated  
■ Cultured Isolate"]
  
```

The diagram illustrates the isolation of microorganisms from a pond community over time. At Day 0, the community consists of natural inhabitants. Subsequent steps show the isolation of cultured isolates from the community, while some samples remain not isolated.

- Day 0:** Pond Community (Natural Inhabitant)
- Isolation Steps:**
 - Step 1: Not Isolated (Black), Cultured Isolate (Red)
 - Step 2: Not Isolated (Black)
 - Step 3: Not Isolated (Olive), Cultured Isolate (Black)
 - Step 4: Not Isolated (Black), Cultured Isolate (Yellow-Green)
 - Step 5: Not Isolated (Black), Cultured Isolate (Blue)
 - Step 6: Not Isolated (Black), Cultured Isolate (Green)
 - Step 7: Not Isolated (Black), Cultured Isolate (Magenta)