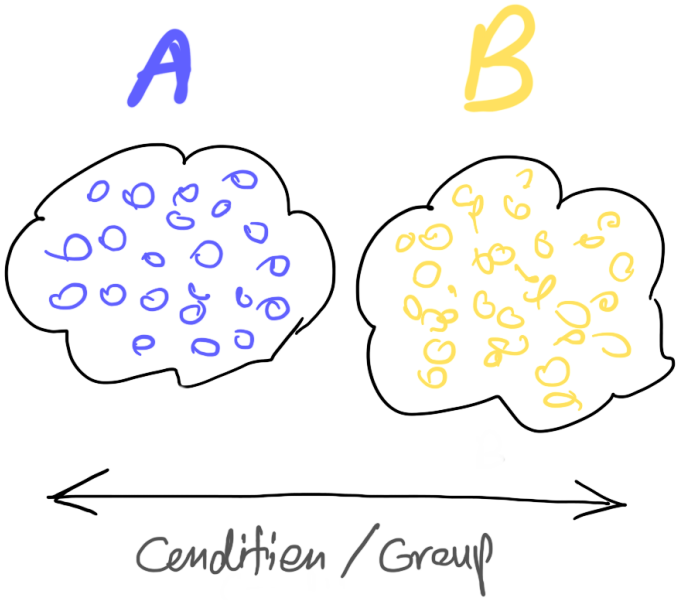

Options:

1. Each run is a sample
2. Each animal is a sample

* Amount of Overlap:

$\pi_{[1:N],k}$ → bin → Density → Average

- $\pi_{[1:N],k}$: for each run, and community k
- bin: 4 bins
- Density: Percent nodes
- Average: Over runs, sessions, and eventually animals

* Proportion of Overlapping nodes:

π_i → $\max_k \pi_{ik}$ → $\frac{\text{num overlapping}}{N}$ → Average

- $\frac{\text{num overlapping}}{N}$: θ
- Average: all runs