# Scenario 1: Ideal Network Groupings

Dataset: necromass_bacteria_fungi_conservative

Domain	Habitat	Melanization	Incubation_time	N of samples
Bacteria	Soil	—	M1	23
Fungi	Soil	—	M3	
Bacteria	Necromass	Low	M1	12
Fungi	Necromass	Low	M1	
Bacteria	Necromass	High	M1	11
Fungi	Necromass	High	M1	
Bacteria	Necromass	Low	M3	11
Fungi	Necromass	Low	M3	
Bacteria	Necromass	High	M3	12
Fungi	Necromass	High	M3	

x5 → Network vis → x5
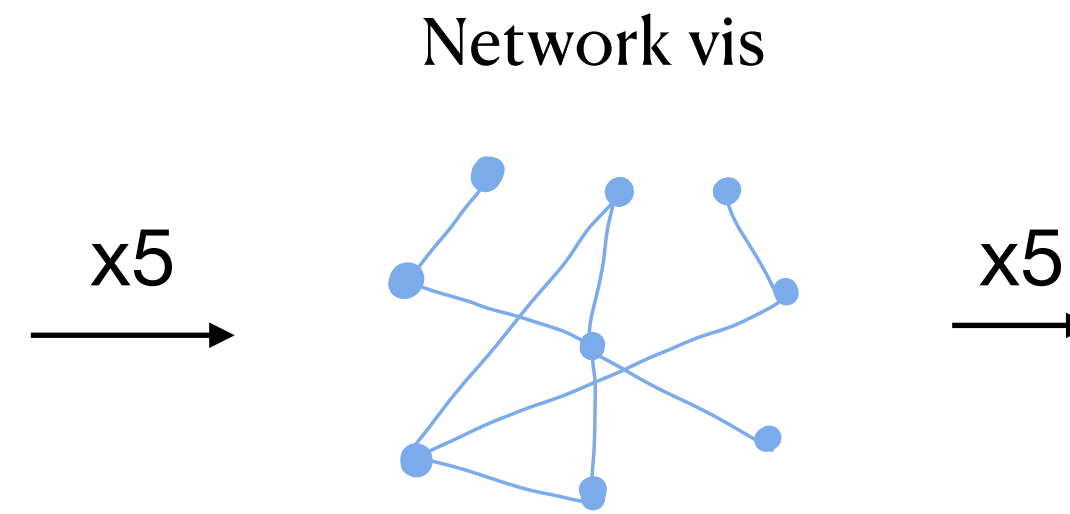
Output table like this possible?

Edge type	Genus 1	Genus 2	Positive or Negative	Weight
Bacteria - Bacteria				
Bacteria - Fungi				
Fungi - Fungi				

Ideally, would be cool to have an output table for 5 networks:

1. All samples from soil habitat (month 1 and 3 combined) (necrobags 1-24)

2. 'Low' Melanization necromass from month 1 (necrobags 25-36)

3. 'High' Melanization necromass from month 1 (necrobags 37-47)

4. 'Low' Melanization necromass from month 3 (necrobags 48-59)

5. 'High' Melanization necromass from month 3 (necrobags 60-71)

If there are not enough samples in these groups (errors are too high), we can group the data differently (scenario 2)

Scenario 2: Broader groupings if necessary

Dataset: necromass_bacteria_fungi_conservative

Domain	Habitat	Melanization	Incubation_time	N of samples
Bacteria	Soil	—	M1	23
Fungi	Soil	—	M3	
Bacteria	Necromass	Low	M1	23
Fungi	Necromass	Low	M1	
Bacteria	Necromass	High	M1	
Fungi	Necromass	High	M1	
Bacteria	Necromass	Low	M3	23
Fungi	Necromass	Low	M3	
Bacteria	Necromass	High	M3	
Fungi	Necromass	High	M3	

1. All samples from soil habitat (month 1 and 3 combined) (necrobags 1-24)
2. All necromass from month 1 (necrobags 25-47)
3. All necromass from month 3 (necrobags 48-71)
4. "Low" melanization from both months (25-36 & 48-59)
5. "High" Melanization from both months (37-47, 60-71)

Dataset: necromass_bacteria_fungi_conservative

Domain	Habitat	Melanization	Incubation_time	N of samples
Bacteria	Soil	—	M1	23
Fungi	Soil	—	M3	
Bacteria	Necromass	Low	M1	
Fungi	Necromass	Low	M1	
Bacteria	Necromass	High	M1	
Fungi	Necromass	High	M1	
Bacteria	Necromass	Low	M3	
Fungi	Necromass	Low	M3	
Bacteria	Necromass	High	M3	
Fungi	Necromass	High	M3	

n=23

n=23