

AMI Analysis:

Diversity:

- How many different kinds of organisms are there?
- How many of each kind are there?

Calculating diversity:

1. Enter data into Excel

type	#	Fraction	Fraction ²
max	4	4/16	(4/16) ²
coders	12	12/16	(12/16) ²
...	16		
			total

2. Find the total # of organisms

3. Find the fraction of the total

4. Square the fractions

5. Add the squares

close to 0:
DIVERSE

close to 1:
NOT DIVERSE

Your final data analysis involve
diversity calculations for 8-10 different
sites:

turbidity	diversity
low	0.23
med	0.41
high	0.62
...	

