

Summary of Bolus Investigations: Percent Similarity Index (PSI)

Directions: 1) Calculate % numerical abundance (NA) for each item in each bolus (% NA = count/total*100)

2) Calculate PSI by choosing smallest value (%) of each item and enter value at right; sum to obtain overall PSI.

DUMMY DATA

	Bolus #1		Bolus #2		PSI
	Count	% NA	Count	% NA	
Squid beaks		0		0	
Fishing line		0		0	
Whole plastic items e.g. bottle caps		0		0	
Extra large plastic fragments (>50 mm)		0		0	
Large plastic fragments (>20 mm and < 50 mm)		0		0	
Medium plastic fragments (<20 mm and >10 mm)		0		0	
Small plastic fragments (<10 mm)		0		0	
Other		0		0	
Total	127		145		0 PSI

PSI SUMMARY TABLE			
	#2	#3	#4
#1			
#2			
#3			

Comments:

Question: 1) How similar/dissimilar were the boluses? Explain

Summary & Conclusions:

NOTE: Total PSI values of 100 indicate 100% overlap; values of >80% can be considered similar