Samples and Estimates from team _____

SELECTIONS **RECORDED DATA**

2-stage sample : describe how 2 journals were randomly selected:_____

sample journal #	Random # Used	Journal (B,J,L,N)
1		
2		

abstract #	Random # Used	Journal (B,J,L,N)	Date of Issue	Article number	1st Author (Initials)	# of authors	Intact humans? (0=NO,1=YES)	Experimental? (0=No,1=YES)	# of subjects	# of p–values	# of CI's
1											
2		"									
3		"									
4		"									
5		"									
mean or proportion (p)											
Number (M1) of abstracts in this journal											
est tot1 = M1 • mean (or M1 • proportion)											
6											
7		"									
8		"									
9		"									
10		"									
mean or proportion (p)											
Number (M2) of abstracts in this journal											
est tot2 = M2 • mean (or M2 • proportion)											
BOTTOM LINE											

possible estimates of average per abstract

(1) if we know that total number of abstracts is 1061, so average is 265.25 per journal

est mean = (est tot1 + est tot2) / (2 • 265.25)

(unbiased)

(2) if we DO NOT know total number of abstracts

est mean = (est tot1 + est tot2) / (M1 + M2)

(this estimate is somewhat biased)