

Samples and Estimates from team _____

	SELECTIONS					RECORDED DATA				

SRS of size 10 from the 1061 abstracts

sample member	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											
6											
7											
8											
9											
10											

mean or proportion (p)
 sd or $\sqrt{p(1-p)}$
 se(mean or proportion) = sd / \sqrt{n}

Stratified sample (4B,2J,2L,2N)

sample member	Random Number	Journal (B,J,L,N)								
1		B								
2		B								
3		B								
4		B								

Mean or proportion (p)
 sd or $\sqrt{p(1-p)}$
 se(mean or proportion) = sd / \sqrt{n}
 Weight: 430/1061 = 0.405

5		J								
6		J								

mean or proportion (p)
 sd or $\sqrt{p(1-p)}$
 se(mean or proportion) = sd / \sqrt{n}
 Weight: 178/1061 = 0.168

7		L								
8		L								

mean or proportion (p)
 sd or $\sqrt{p(1-p)}$
 se(mean or proportion) = sd / \sqrt{n}
 Weight: 219/1061 = 0.206

9		N								
10		N								

mean or proportion (p)
 sd or $\sqrt{p(1-p)}$
 se(mean or proportion) = sd / \sqrt{n}
 Weight: 234/1061 = 0.221

Weighted Mean or proportion

SE(Weighted mean or proportion) *

* = $se(\sum Weight \cdot estimate) = \sqrt{\sum Weight^2 SE^2}$