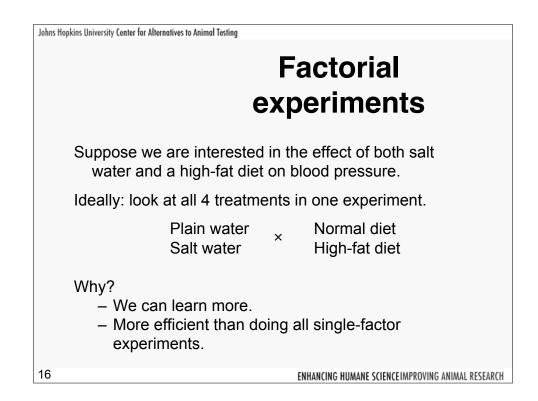


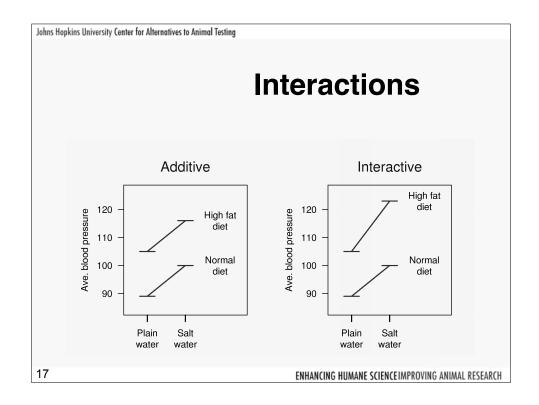
Randomization and stratification

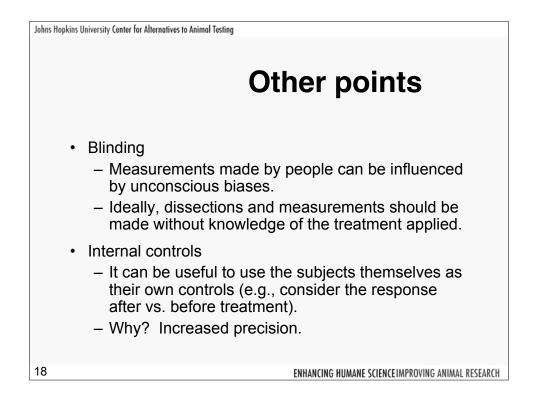
- If you can (and want to), fix a variable.
 - e.g., use only 8 week old male mice from a single strain.
- If you don't fix a variable, stratify it.
 - e.g., use both 8 week and 12 week old male mice, and stratify with respect to age.
- If you can neither fix nor stratify a variable, randomize it.

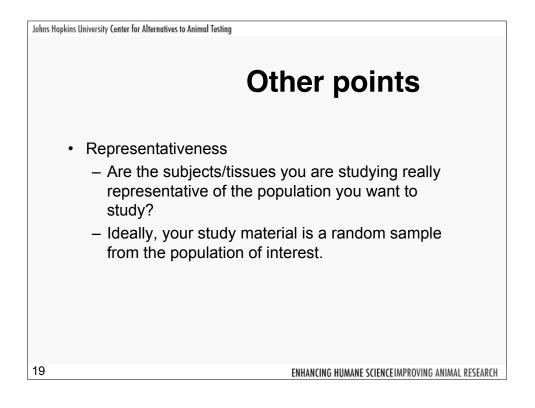
15

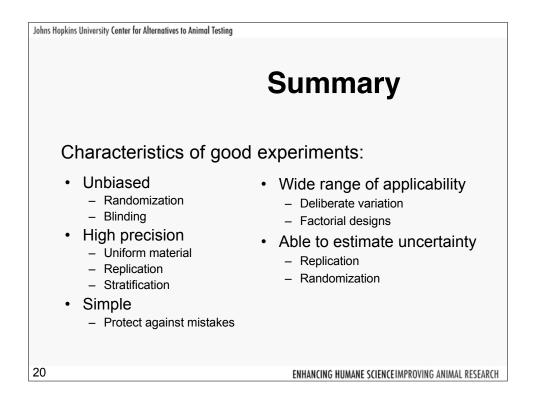
ENHANCING HUMANE SCIENCEIMPROVING ANIMAL RESEARCH

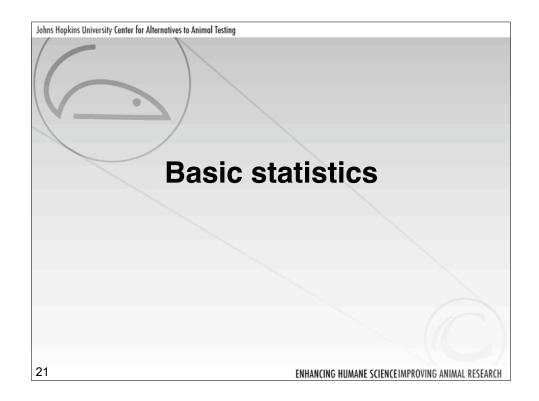


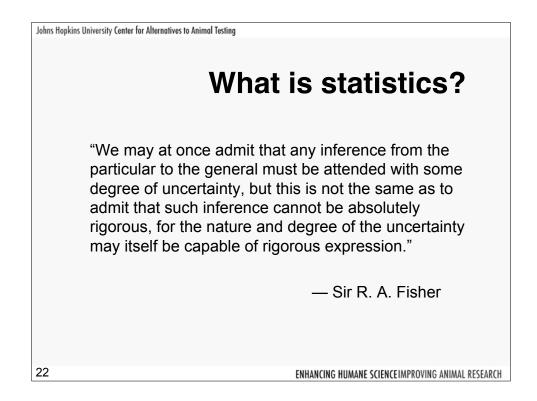


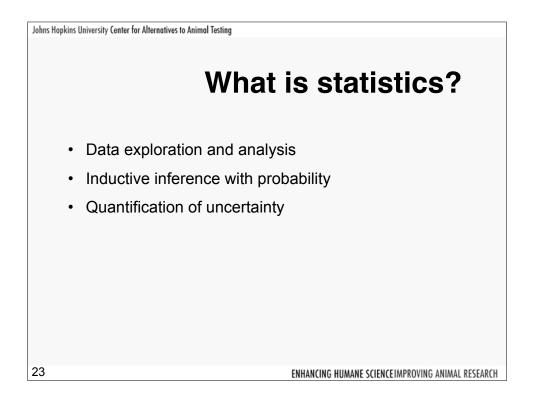


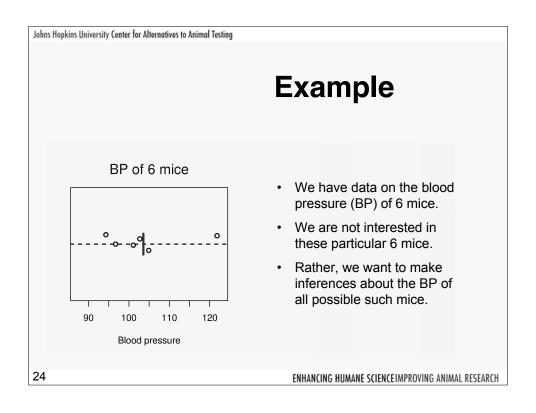


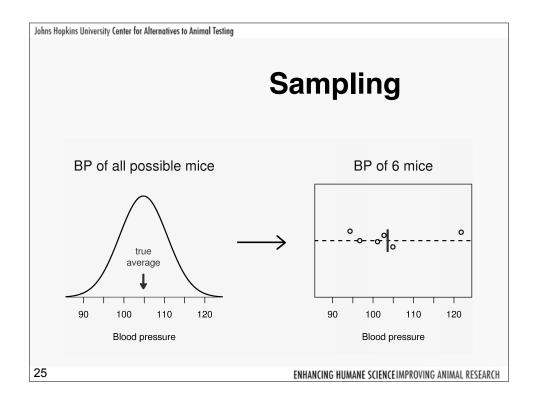


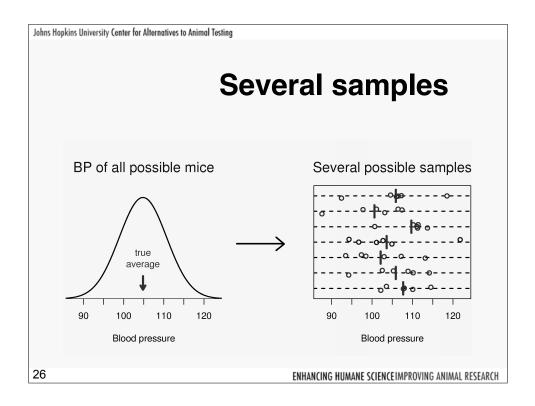


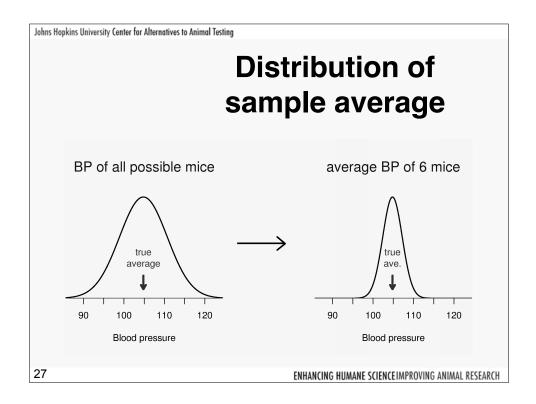


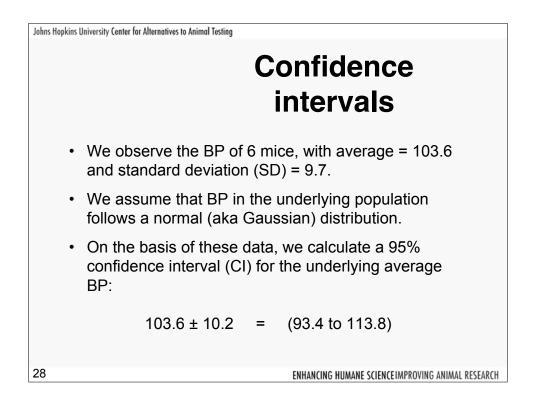


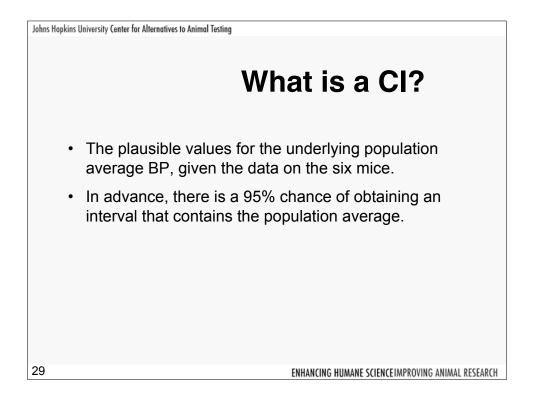


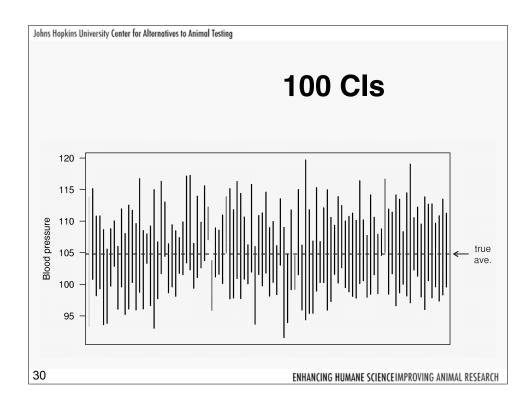


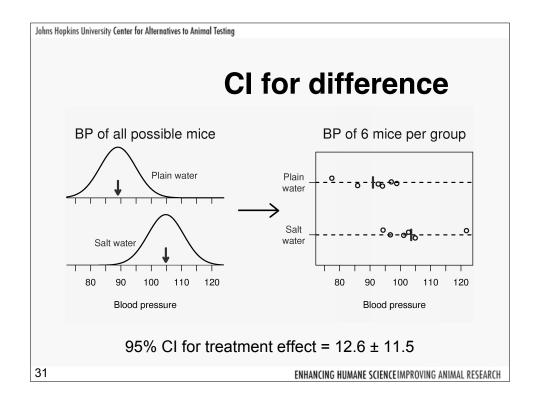


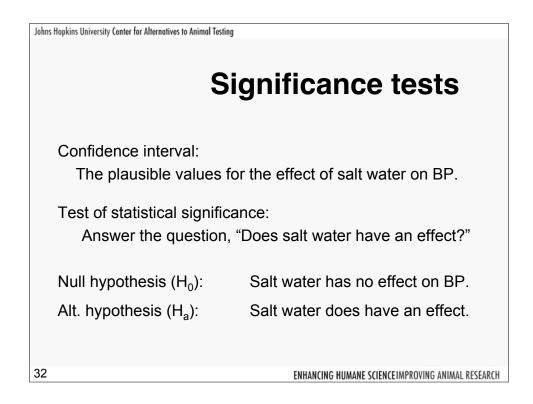


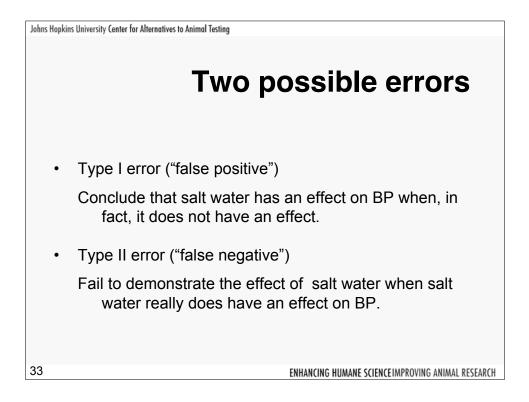












Johns Hopkins Unive	rsity Center for Alternatives to Animal T	·	nd II error	S
		The	truth	
	Conclusion	No effect	Has an effect	
	Reject H ₀	Type I error	\checkmark	
	Fail to reject H_0	\checkmark	Type II error	
34		ENHA	NCING HUMANE SCIENCE IMPROVING ANIM	AL RESEARCI

