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	:	Summary for $H_0: \sigma_1 = \sigma_2$	
	Test statistic value: $f = \frac{s_1^2}{s_2^2}$		
	H <sub>a</sub> : σ <sub>1</sub> >σ <sub>2</sub>	reject when f≥F <sub>α,m-1,n-1</sub>	
	$H_a: \sigma_1 < \sigma_2$	reject when f≤F <sub>1-α,m-1,n-1</sub>	
	$H_a: \sigma_1 \neq \sigma_2$	reject when f≥F <sub>α/2,m-1,n-1</sub> or f≤F <sub>1-α/2,m-1,n-1</sub>	
	3	Stat 3115, Spring 2024	306

