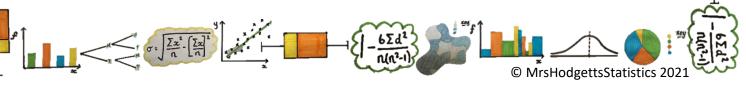


	•	
1.	1. What would the hypotheses be for an investigation into the claim that the SRCC between two variables is negative?	
□ Ho: x and y are independent		□H1: x and y are independent
\Box Ho: x and y are not independent		$\Box H_1$: x and y are not independent
$\Box \mathcal{H}_0$: there is a positive correlation between x and y		$\Box \mathcal{H}_1\!;$ there is a positive correlation between x and y
$\Box H_0$: there is a negative correlation between x and y		$\square \mathcal{H}_1$: there is a negative correlation between x and y
2.	What would the hypotheses be for an investigation into t	the claim that there is no correlation between two variables?
☐ Ho: X and Y are independent		□H1: X and Y are independent
□Ho: x and y are not independent		□H1: X and Y are not independent
$\Box H_0$: there is a positive correlation between x and y		$\Box \mathcal{H}_1\!\!:$ there is a positive correlation between x and y
$\Box H_0$: there is a negative correlation between x and y		$\square \mathcal{H}_1\!;$ there is a negative correlation between x and y
3.	What would the hypotheses be for an investigation into t	the claim that the SRCC between two variables is -0.254?
□ Ho: x a	and y are independent	□H₁: x and y are independent
□Ho: x and y are not independent		□H₁: x and y are not independent
$\Box H_0$: there is a positive correlation between x and γ		$\Box \mathcal{H}_1\!\!:$ there is a positive correlation between x and y
$\square H_0$: there is a negative correlation between x and y		$\Box \mathcal{H}_1\!\!:$ there is a negative correlation between x and y
4.	What would the hypotheses be for an investigation into t	the claim that the SRCC between two variables is +0.848?
☐ Ho: X and Y are independent		□H₁: x and y are independent
□Ho: x and y are not independent		□H1: x and y are not independent
$\Box H_0$: there is a positive correlation between x and y		$\Box \mathcal{H}_1\!;$ there is a positive correlation between x and y
$\square H_0$: there is a negative correlation between x and y		$\Box \mathcal{H}_1\!;$ there is a negative correlation between x and y
5.	What would the hypotheses be for an investigation into t of TV channels subscribed to and the average number of	the claim that there is a positive correlation between the number hours of TV watched per week?
□ Ho: x a	and y are independent	□H1: X and Y are independent
□Ho: x and y are not independent		□H1: X and Y are not independent
$\square H_0$: there is a positive correlation between x and γ		$\Box \mathcal{H}_1\!\!:$ there is a positive correlation between x and y
$\square H_0$: there is a negative correlation between x and y		$\square \mathcal{H}_1$: there is a negative correlation between x and y
6. What would the hypotheses be for an investigation into the claim that there is a correlation between the weight of a volunteer and the height at which they are willing to jump from?		
□Ho: x and y are independent □		□H1: X and Y are independent
□Ho: x and y are not independent		□H1: x and y are not independent
MIL there is a positive correlation between v and u		THE there is a positive correlation between v and u



 $\Box H_1$: there is a negative correlation between x and y

 \Box Ho: there is a negative correlation between x and y