

Solutions

For each of the following Hypotheses, find the critical value from table 10

$H_0: \eta_A = \eta_B$	$H_1: \eta_A > \eta_B$	$\alpha = 0.05$	$n = 10$	$m = 9$
Critical Value : <u>24</u>				
$H_0: \eta_A = \eta_B$	$H_1: \eta_A < \eta_B$	$\alpha = 0.025$	$n = 7$	$m = 8$
Critical Value : <u>11</u>				
$H_0: \eta_A = \eta_B$	$H_1: \eta_A \neq \eta_B$	$\alpha = 0.05$	$n = 5$	$m = 7$
Critical Value : <u>5</u>				
$H_0: \eta_A = \eta_B$	$H_1: \eta_A \neq \eta_B$	$\alpha = 0.10$	$n = 8$	$m = 10$
Critical Value : <u>21</u>				
$H_0: \eta_A = \eta_B$	$H_1: \eta_A > \eta_B$	$\alpha = 0.025$	$n = 6$	$m = 8$
Critical Value : <u>8</u>				
$H_0: \eta_A = \eta_B$	$H_1: \eta_A < \eta_B$	$\alpha = 0.05$	$n = 4$	$m = 9$
Critical Value : <u>7</u>				
$H_0: \eta_A = \eta_B$	$H_1: \eta_A < \eta_B$	$\alpha = 0.05$	$n = 12$	$m = 11$
Critical Value : <u>39</u>				
$H_0: \eta_A = \eta_B$	$H_1: \eta_A > \eta_B$	$\alpha = 0.025$	$n = 10$	$m = 12$
Critical Value : <u>30</u>				
$H_0: \eta_A = \eta_B$	$H_1: \eta_A \neq \eta_B$	$\alpha = 0.1$	$n = 8$	$m = 11$
Critical Value : <u>24</u>				
$H_0: \eta_A = \eta_B$	$H_1: \eta_A \neq \eta_B$	$\alpha = 0.05$	$n = 11$	$m = 9$
Critical Value : <u>23</u>				