right-tailed test	left-tailed test	two-tailed test
z_α $>$	$z_{1-\alpha}$ $<$	$z_{1-\frac{\alpha}{2}} = z_{\frac{\alpha}{2}}$ $\neq$
positive	negative	

+ two-sided critical z-values : $z_{\frac{\alpha}{2}}$

0.80	0.90	0.95	0.99	0.999
1.28	1.65	1.96	2.58	3.29

one-sided critical z-values : z_α

0.80	0.90	0.95	0.99	0.999
0.84	1.28	1.65	2.33	3.09

rejection rules

right-tailed test: reject H_0 if the test statistic > critical value

left-tailed test: reject H_0 if the test statistic < critical value

two-tailed test: reject if test statistic > +critical value or
test statistic < -critical value