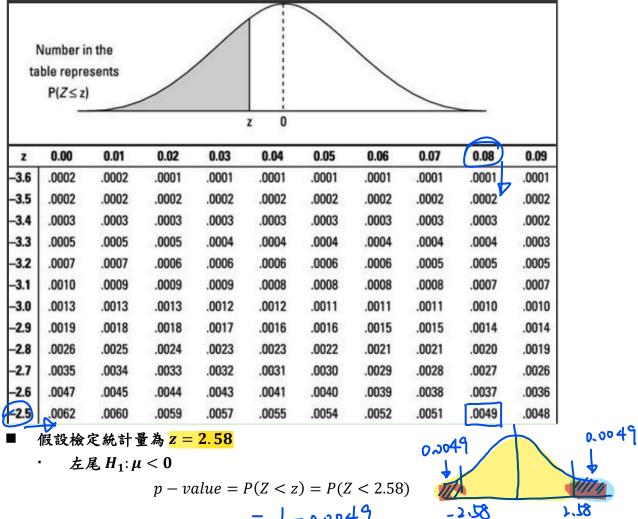
## z table



$$p - value = P(Z < z) = P(Z < 2.58)$$

$$= | -0.0049|$$

$$= 0.995|$$

右尾  $H_1: \mu > 0$ 

$$p - value = P(Z > z) = P(Z > 2.58)$$
  
= 0.0049

雙尾 H<sub>1</sub>: μ ≠ 0

$$p - value = 2 \cdot P(Z > |z|) = 2 \cdot P(Z > 2.58)$$

$$= 2 \times 0.0049$$

$$= 0.0098$$

## t table

cum. prob	t <sub>.50</sub> 0.50	t.75 0.25	t <sub>.80</sub>	t <sub>.85</sub>	t <sub>.90</sub> 0.10	t <sub>.95</sub> 0.05	t <sub>.975</sub> 0.025	t <sub>.99</sub>	t.995 0.005	t <sub>.999</sub> 0.001	t <sub>.9995</sub> 0.0005
v two-tails	1.00	0.50	0.40	0.30	0.20	0.10	0.05	0.02	0.01	0.002	0.001
df		11 21 2								17 (1.1.)	
1	0.000	1.000	1.376	1.963	3.078	6.314	12.71	31.82	63.66	318.31	636.62
2	0.000	0.816	1.061	1.386	1.886	2.920	4.303	6.965	9.925	22.327	31.599
3	0.000	0.765	0.978	1.250	1.638	2.353	3.182	4.541	5.841	10.215	12.924
4	0.000	0.741	0.941	1.190	1.533	2.132	2.776	3.747	4.604	7.173	8.610
5	0.000	0.727	0.920	1.156	1.476	2.015	2.571	3.365	4.032	5.893	6.869
6	0.000	0.718	0.906	1.134	1.440	1.943	2.447	3.143	3.707	5.208	5.959
7	0.000	0.711	0.896	1.119	<b>4</b> 1.415	1.895	2.365	2.998	3.499	4.785	5.408
8	0.000	0.706	0.889	1.108	1.397	1.860	2.306	2.896	3.355	4.501	5.041
9	0.000	0.703	0.883	1.100	1.383	1.833	2.262	2.821	3.250	4.297	4.781
10	0.000	0.700	0.879	1.093	(1.372	1.812	2.228	2.764	3.169	4.144	4.587

- 假設檢定統計量為 t = 1.5, d.f. = 10
  - · 單尾  $H_1$ :  $\mu < 0$  or  $H_1$ :  $\mu > 0$