

$$t = \frac{\mu_{d:f} - \cancel{\mu_{d:f}}}{SE_{d:f}}$$

$$d = \frac{\mu_{d:f}}{SD_{d:f}}$$

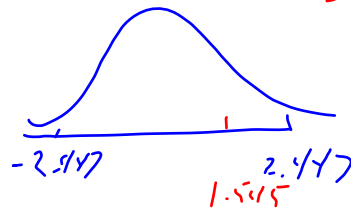
Statistics are useful in					
Psychology (1, 3R, 4, 8)			Life (5, 9) difference (d-Md)		square
4.25	3.5	-0.75	-1.29	1.654	
4.25	4	-0.25	-0.79	0.618	
3.25	3.5	0.25	-0.29	0.082	
3	4.5	1.5	0.964	0.929	
4.75	5	0.25	-0.29	0.082	
3.5	4.5	1	0.464	0.215	
2.25	4	1.75	1.214	1.474	
Mean	3.607	4.143	0.536	-0	5.054
SD	0.864	0.556			

$$df = 6 \quad t_{c.d.}(6) = \pm 2.447$$

$$t = \frac{M_{d.f}}{SE_{d.f}} \quad SS = 5.054$$

$$t = \frac{.536}{.35} = 1.545 \quad SD_{d.f} = \sqrt{\frac{5.054}{6}} = .92$$

$$SE_{d.f} = \frac{.92}{\sqrt{7}} = .35$$



$$d = \frac{.536}{.92} = .58$$

$$t(6) = 1.545, \quad \frac{NS}{p > .05, d = .58}$$