

• Conservative  $\alpha$  levels paper on moodle

## Conservative Significance Levels ( $\alpha$ levels)

Evidence	Sample Size			
	30	50	100	1000
Weak	.076	.053	.032	.009
Positive	.028	.019	.010	.003
Strong	.005	.003	.001	.0003
Very Strong	.001	.0005	.0001	.00004

\* $n_c$  = number of comparisons

$$FER = 1 - (1 - \alpha)^{n_c}$$

← can work backwards if you want an  $\alpha$  that is based on # of variables in your model