

## The Assumption of Equal Variances

Equal n

	Groups		
	1	2	3
$n_i$	25	25	25
$s_i^2$	80	10	35

Ok  
Actual  $\alpha \approx$  Nominal  $\alpha$

Positive Condition

	Groups		
	1	2	3
$n_i$	20	30	50
$s_i^2$	10	35	80

Conservative  
Actual  $\alpha <$  Nominal  $\alpha$

Negative Condition

	Groups		
	1	2	3
$n_i$	20	30	50
$s_i^2$	80	35	10

Liberal  
Actual  $\alpha >$  Nominal  $\alpha$



