

H₀: The k Normal and homoscedastic populations have the same mean

$$\mu_1 = \mu_2 = \dots = \mu_k = \mu$$

ANOVA

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MULTIPLE COMPARISON TESTS

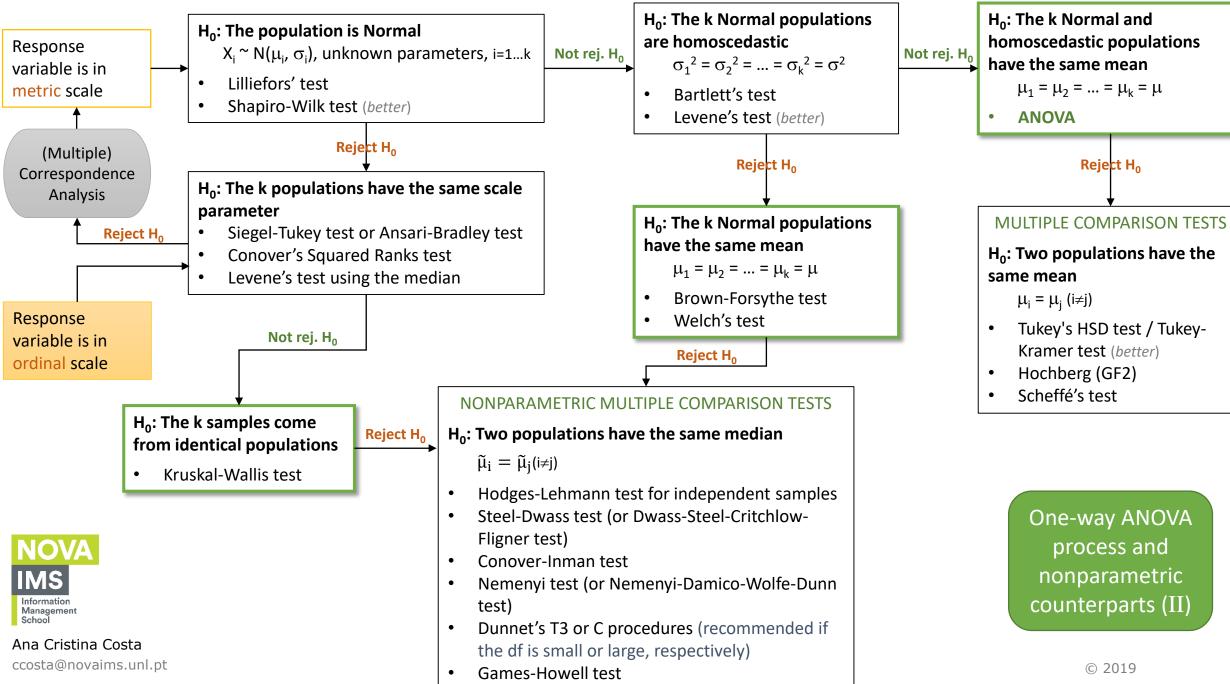
Reject H_n

H₀: Two populations have the same mean

$$\mu_i = \mu_j \ (i \neq j)$$

- Tukey's HSD test / Tukey-Kramer test (better)
- Hochberg (GF2)
- Scheffé's test

One-way ANOVA process and nonparametric counterparts (I)



H₀: The k Normal and homoscedastic populations have the same mean

$$\mu_1 = \mu_2 = \dots = \mu_k = \mu$$

 H_0 : Two populations have the

- Tukey's HSD test / Tukey-Kramer test (better)
- Hochberg (GF2)
- Scheffé's test

One-way ANOVA process and nonparametric counterparts (II)