

Beyond Bonferroni: less conservative analyses for conservation genetics

Shawn R. Narum

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In the example for the B-H FDR procedure, four incorrectly printed values create confusion for the reader. Corrections in the Methods section, second paragraph, third and fourth sentences: “The first p -value to satisfy $p_i \leq i/k \times \alpha$ is $p_{(10)}$ since $p_{(10)} = 0.032 \leq 10/15 \times 0.05 = 0.0333$. Thus pairwise tests in the experiment with p -values less than or equal to 0.0333 reject the null hypothesis. The gain in power

with the B-H method FDR over the Bonferroni procedure (critical values of 0.033 and 0.003 respectively in this example) are substantial.” Corrections in the Methods section, last paragraph, last sentence: “This critical value is intermediate relative to those calculated from Bonferroni (0.0033) and B-H method FDR (0.0333).”

The online version of the original article can be found at <http://www.dx.doi.org/10.1007/s10592-005-9056-y>

S. R. Narum (✉)
Columbia River Inter-Tribal Fish Commission, 3059-F
National Fish Hatchery Road, Hagerman, ID 83332, USA
e-mail: nars@critfc.org