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# Holm S. A simple sequentially rejective multiple test procedure. Scand J Stat 1979;6:65-70.
# Hommel G. A stagewise rejective multiple test procedure based on a modified Bonferroni test.
Biometrika 1988;75:383-386.
# Hochberg Y. A sharper Bonferroni procedure for multiple tests of significance. Biometrika 1988;75,
800-803.
# Benjamini Y, Hochberg Y. Controlling the false discovery rate: a practical and powerful approach to
multiple testing. JRSS # Ser B, 1995;57:289-300.
# Benjamini Y, Yekutieli D. The control of the false discovery rate in multiple testing under
dependency. Ann Stat
# 2001;29:1165-1188.

p <- c(0.001,0.002,0.002,0.010,0.04)

p0 <- round(p.adjust(p,"none"), 3)      # None
p1 <- round(p.adjust(p,"bonferroni"), 3) # Bonferroni
p2 <- round(p.adjust(p,"holm"), 3)     # Holm 1979
p3 <- round(p.adjust(p,"hochberg"), 3) # Hochberg 1988
p4 <- round(p.adjust(p,"hommel"), 3)   # Hommel 1988
p5 <- round(p.adjust(p,"BH"), 3)       # Benjamini & Hochberg 1995 (false discovery rate)
p6 <- round(p.adjust(p,"BY"), 3)       # Benjamini & Yekutieli (2001)

cbind(p0,p1,p2,p3,p4,p5,p6)
```