Sample Title—Center in 12-Point Bold

Author Name[1], Author Name[2], Author Name[1]
First Author Affiliation[1]
Second Author Affiliation[2]

Abstract

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KEY WORDS: Please place 3–5 key words here.

1. Primary Subhead Centered, Title Case in 10-Point Bold

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1.1 Secondary Head

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Table 1: Possible Rankings of A, B, and C and Corresponding Posterior Probabilities. Because of rounding, not all columns sum to one.

	Errors	*Posterior probability*	*Posterior probability for specified* β			
(R_A, R_B, R_C)	$g(\mathbf{R})$	*as a function of* β	$\beta = .5$	$\beta = .3$	$\beta = .1$	$\beta = .01$
(1, 2, 3)	0	$1/(1+2\beta+2\beta^2+\beta^3)$	.381	.553	.819	.980
(1, 3, 2)	1	$\beta/(1+2\beta+2\beta^2+\beta^3)$	.190	.166	.082	.010
(2, 1, 3)	1	$\beta/(1+2\beta+2\beta^2+\beta^3)$	.190	.166	.082	.010
(2, 3, 1)	2	$\beta^2/(1+2\beta+2\beta^2+\beta^3)$	.095	.050	.008	.000
(3, 1, 2)	2	$\beta^2/(1+2\beta+2\beta^2+\beta^3)$	.095	.050	.008	.000
(3, 2, 1)	3	$\beta^3/(1+2\beta+2\beta^2+\beta^3)$	.048	.015	.001	.000

1.1.1 This is a tertiary head

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2. Another Primary Subhead

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$$\begin{aligned}\hat{\rho} &\equiv \sum_{j=1}^{J}\sum_{i=1}^{n}(x_{ij}-\bar{x}_{\cdot\cdot})(y_{ij}-\bar{y}_{\cdot j}) \\ &\div \sqrt{\sum_{j=1}^{J}\sum_{i=1}^{n}(x_{ij}-\bar{x}_{\cdot\cdot})^2 \sum_{j=1}^{J}\sum_{i=1}^{n}(y_{ij}-\bar{y}_{\cdot j})^2}.\end{aligned}$$

Version 2 uses the maximum likelihood estimate of ρ.

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However, for large J and small n, the version 1 approach does not perform as well.

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Figure 1: Actual confidence interval coverages, $J = 4$, $\rho = .85$, nominal confidence level = .75, quantile = .01

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Table 2: Possible Rankings of A, B, and C and Corresponding Posterior Probabilities. Because of rounding, not all columns sum to one.

$\beta = .5$	$\beta = .3$	$\beta = .1$	$\beta = .01$
.381	.553	.819	.980
.190	.166	.082	.010
.190	.166	.082	.010
.095	.050	.008	.000
.095	.050	.008	.000
.048	.015	.001	.000