Sample Title—Center in 12-Point Bold

Author Name¹, Author Name², Author Name¹ First Author Affiliation¹ Second Author Affiliation²

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	$Posterior\ probability$	Pos	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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$$\hat{\rho} \equiv \sum_{j=1}^{J} \sum_{i=1}^{n} (x_{ij} - \bar{x}_{..})(y_{ij} - \bar{y}_{.j})$$

$$\div \sqrt{\sum_{j=1}^{J} \sum_{i=1}^{n} (x_{ij} - \bar{x}_{..})^{2} \sum_{j=1}^{J} \sum_{i=1}^{n} (y_{ij} - \bar{y}_{.j})^{2}}.$$

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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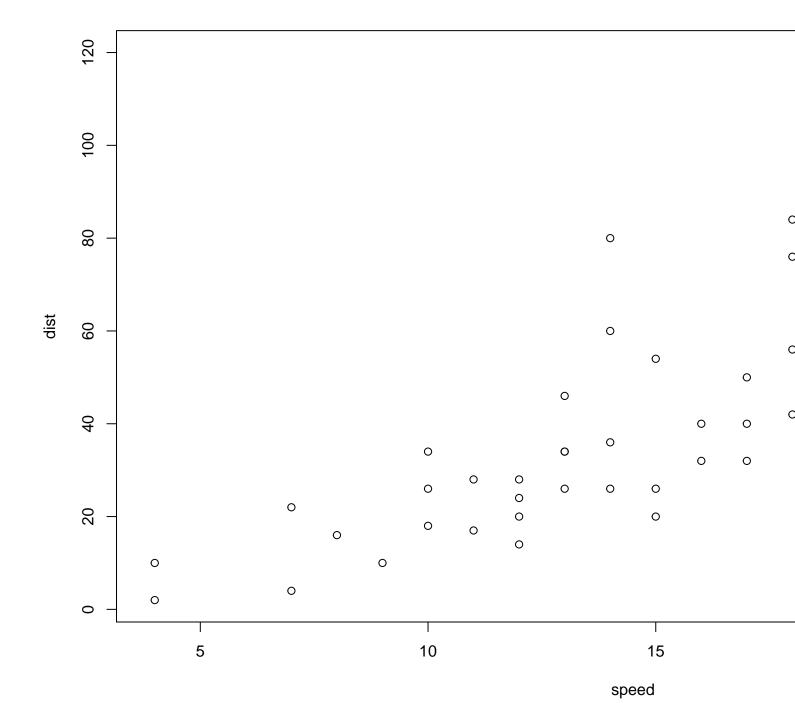


Figure 1: Actual confidence interval coverages, $J=4,\,\rho=.85,\,\mathrm{nominal}$ confidence level = .75, quantile = .01

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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