Sensor-guided Side-dressing Decision Making

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Abstract: this research is so awesome that you cannot reject this paper.

# Introduction

The issue this article addresses is **super** *important*!

[1] examined bluh bluh.

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# Materials and Methods

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## Data

The number of observations are 598 and 1376 for Zones 2 and 3, respectively.

Table 1 presents summary statistics by zone.

## Statistical Model

See equation (1) for the statistical model we use.

Equations written in the aligned environment (Equation (eq. 2)).

Equations written in the align environment.

# Results and Discussions

Table 1 presents the regression results.

Figure 1 presents the distribution of yields by zone.

# Conclusions

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# Figures

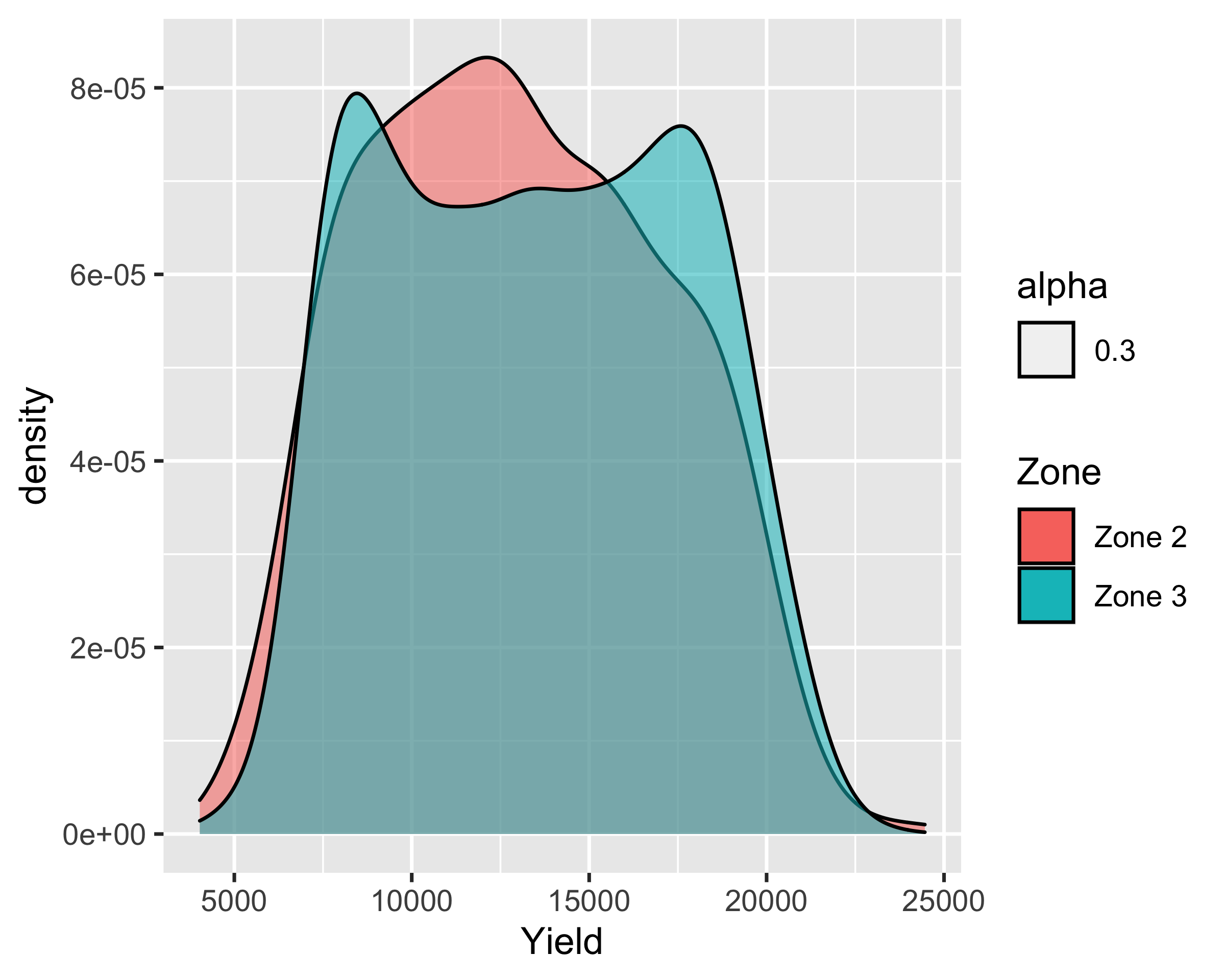


Figure 1: The Distribution of Yield by Zone

# Tables

Table 1: Summary Statistics by Zone

| Zone |  | get\_N | Mean | SD | Min | Max |
| --- | --- | --- | --- | --- | --- | --- |
| Zone 2 | Yield (kg/ha) | 598 | 12932.11 | 3994.57 | 4344.71 | 24459.46 |
|  | Nitrogen Rate (kg/ha) | 598 | 117.82 | 14.73 | 88.94 | 145.57 |
|  | Seed Rate (1000/ha) | 598 | 84.01 | 6.86 | 69.17 | 98.61 |
| Zone 3 | Yield (kg/ha) | 1376 | 13430.38 | 4132.89 | 4026.51 | 23319.59 |
|  | Nitrogen Rate (kg/ha) | 1376 | 118.20 | 14.61 | 88.84 | 143.75 |
|  | Seed Rate (1000/ha) | 1376 | 87.20 | 7.03 | 69.58 | 98.82 |

# References

1. Adrian, A.M.; Norwood, S.H.; Mask, P.L. Producers’ perceptions and attitudes toward precision agriculture technologies. *Computers and electronics in agriculture* **2005**, *48*, 256–271.

2. Shrader, W.; Fuller, W.; Cady, F. Estimation of a common nitrogen response function for corn (zea mays) in different crop rotations 1. *Agronomy Journal* **1966**, *58*, 397–401.

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3. This is a footnote [↑](#footnote-ref-32)