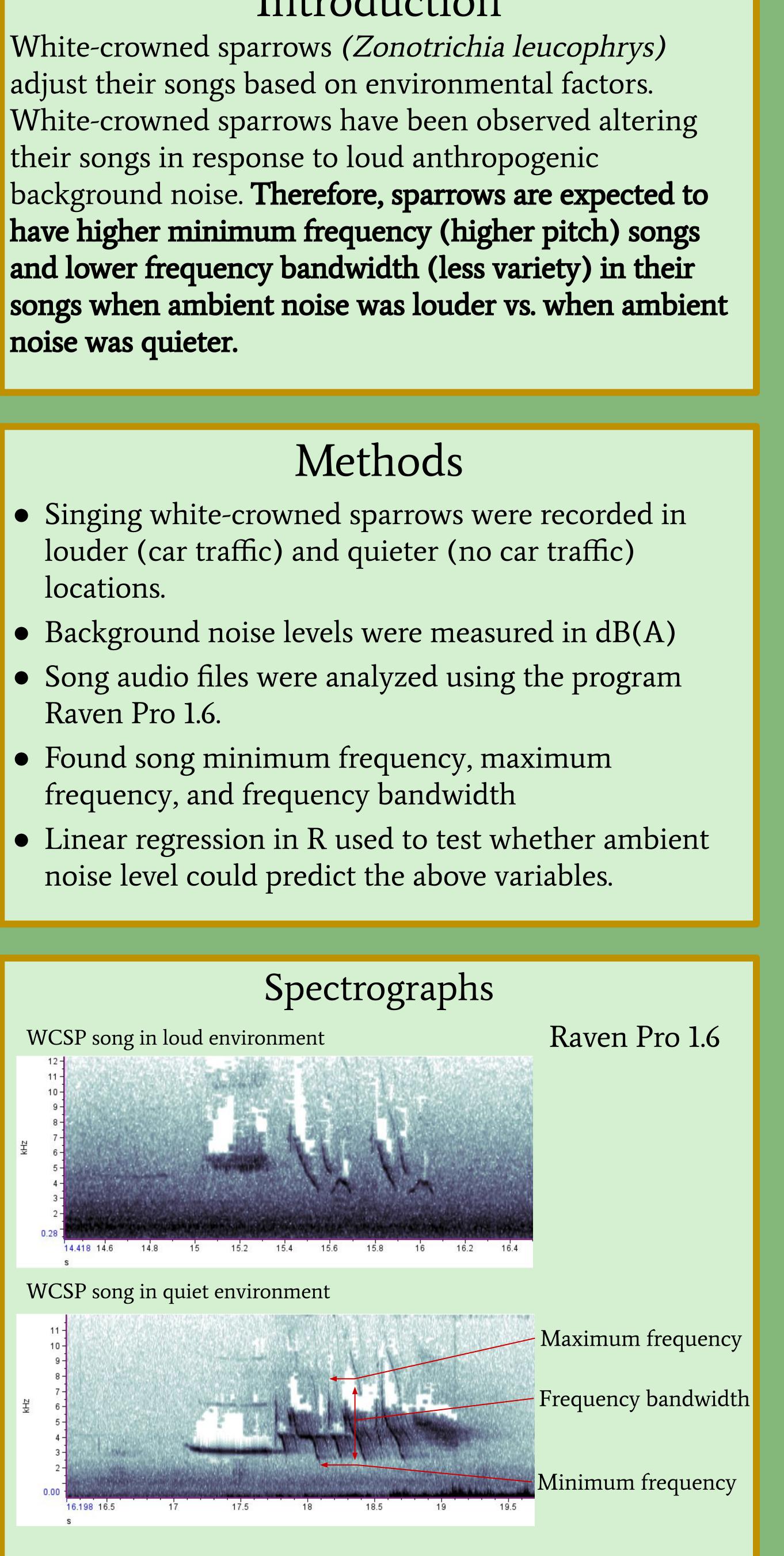
# White-crowned sparrow songs not shown to respond to anthropogenic noise pollution in coastal Humboldt County Keagan A. Trischman

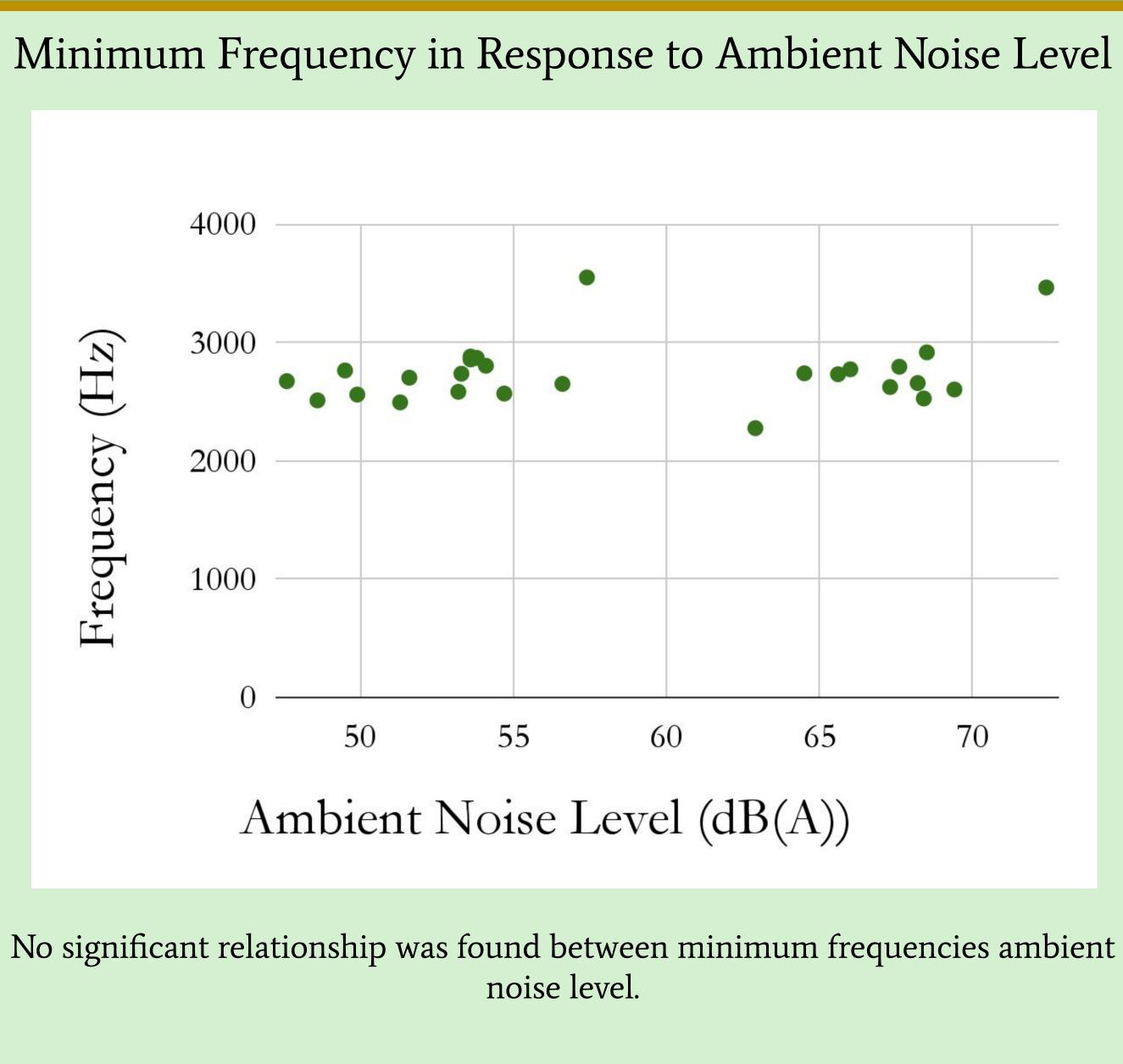
### Introduction

noise was quieter.

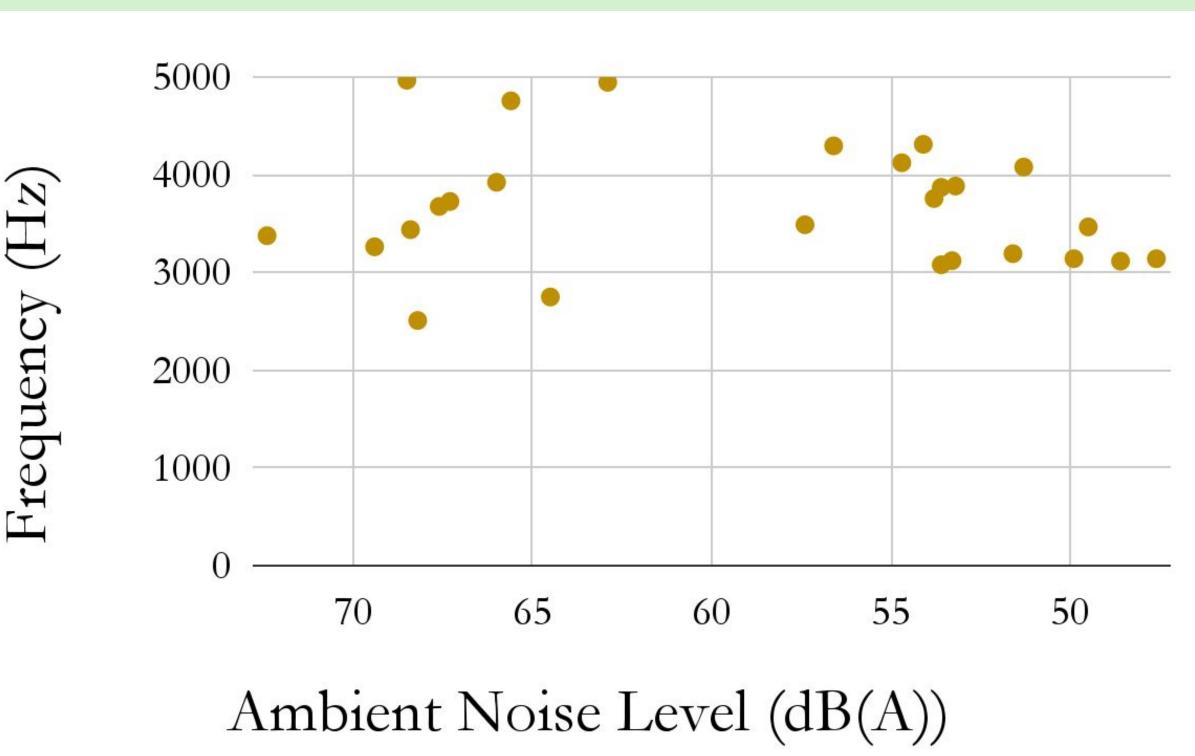
- locations.
- Raven Pro 1.6.
- frequency, and frequency bandwidth



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### Frequency Bandwidth in Response to Ambient Noise Level



No significant relationship was found between trill rate and ambient noise level.

[I]





- variables

- Humboldt County
- response to ambient noise level

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### Results

• No variables found to correlate with one another • Ambient noise level did not predict any song

• No significant difference between the songs for WCSP in louder areas vs. quieter areas.

## Conclusion

• White-crowned sparrow songs are not shown to differ in response to anthropogenic noise pollution in

• WCSP songs did vary between individuals

• Two song "dialects" identified, little difference in

• Investigation needed into other causes of variance

### Acknowledgements

### References