

Effectiveness of Compost Programs On Eau Claire Campus

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Introduction

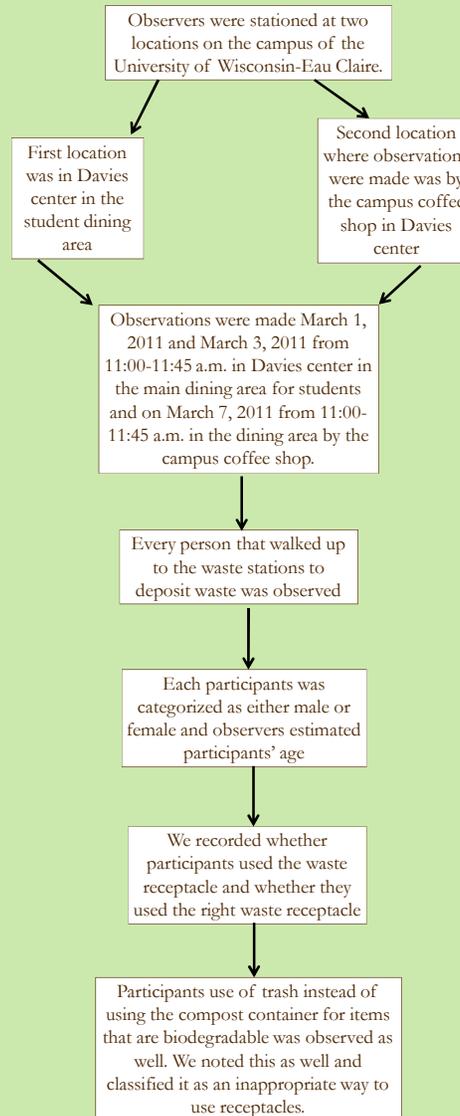
- ❖ The University of Wisconsin-Eau Claire has a very strong recycling and composting programs.
- ❖ The focus of this study was to determine if differences existed between genders in reference to waste receptacle deposits, primarily compost bins.
- ❖ We observed two different locations in Davies Student Center.
- ❖ A coding sheet was used to determine if receptacles were used properly and if compostable materials were thrown in the trash
- ❖ Though there are signs specifying what can be composted but the location of these signs are in obscure places

Hypotheses

- ❖ We predict:
 - ❖ More women than men would be more likely to compost or recycle items on campus
 - ❖ More males than females would throw away materials that should have been composted

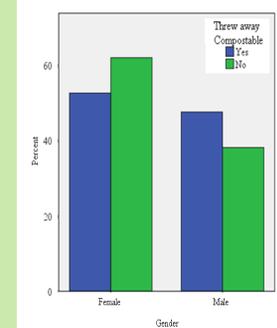
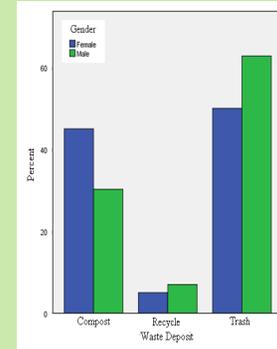


Method



Results

- ❖ Kappa (κ) coefficient for waste receptacle choice was ($\kappa = 1.00$, $p < .01$), gender ($\kappa = 1.00$, $p < .01$), and proper use was ($\kappa = 1.00$, $p < .01$).
- ❖ There was no significant difference between waste disposal use and gender, $\chi^2(1, N = 103) = 2.315$ $p = .31$, with a Cramer's $V = .15$ indicating a small effect size.
- ❖ Finally we found an interaction between compost and gender, $\chi^2(1, N = 103) = .890$ $p = .34$, and Cramer's $V = .093$ indicating a small effect size



Discussion

- ❖ Because this was a naturalistic observation study we could not directly receive feedback from participants about feelings and attitudes towards composting
- ❖ The results seem to indicate that people want to compost and recycle but are poorly educated on the matter.
- ❖ More signs displaying the proper use of receptacles may help.
- ❖ People would be more likely to compost or recycle if they knew the correct way how

Acknowledgements

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