

Preregistration

# Carbon sequestration in shelterbelts surrounding Alberta cropland

Stephanie Flaman<sup>1</sup>, Living Data Project<sup>1,2</sup>

<sup>1</sup> University of Regina

<sup>2</sup> University of British Columbia

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<b>Data collection</b>	Yes, the data comes from Gross et al. 2022.
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<b>Hypothesis</b>
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How much carbon does the shelter belts of Alberta sequester and what is the benefit of this? (Huffman et al., 2015)

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<b>Dependent variable</b>
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Amount of carbon stored in each individual plant.

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<b>Conditions</b>
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Pending.

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<b>Analyses</b>	TBD.
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<b>Outliers and exclusions</b>	TBD.
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<b>Sample size</b>	Sample size for this mini project is 10 (hedge grows and shelter belts).
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<b>Other</b>	
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<b>Study type</b>	Observational/archival study
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## References

Huffman, T., Liu, J., McGovern, M., McConkey, B., Martin, T., 2015. Carbon stock and change from woody biomass on Canada's cropland between 1990 and 2000. *Agriculture, Ecosystems & Environment* 205, 102–111. <https://doi.org/10.1016/j.agee.2014.10.009>

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