green_paper

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0.1 Introduction

Some shit from Sabzevar et al. (2017) and He, Dou, and Zhang (2017) on calculation of cap n trade.

0.2 Literature Review

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0.3 Method

Model is something like this

```
message: Optimization terminated successfully. (HiGHS Status 7: Optimal)
       success: True
        status: 0
           fun: -27.5
             x: [ 2.500e+00 5.000e+00]
           nit: 2
         lower: residual: [ 2.500e+00
                                        5.000e+00]
                marginals: [ 0.000e+00
                                        0.000e+00]
         upper: residual: [
                                              inf]
                                   inf
                marginals: [ 0.000e+00 0.000e+00]
         eqlin: residual: []
                marginals: []
       ineqlin: residual: [ 0.000e+00  0.000e+00]
                marginals: [-6.250e-01 -4.375e-01]
mip_node_count: 0
mip_dual_bound: 0.0
       mip_gap: 0.0
```

You can add options to executable code like this

```
#| echo: false
2 * 2
```

The echo: false option disables the printing of code (only output is displayed).

Bibliography

He, Ping, Guowei Dou, and Wei Zhang. 2017. "Optimal Production Planning and Cap Setting Under Cap-and-Trade Regulation." Journal Article. *The Journal of the Operational Research Society* 68 (9): 1094–1105. https://doi.org/https://doi.org/10.1057/s41274-016-0123-1.

Sabzevar, Nikoo, S. T. Enns, Joule Bergerson, and Janne Kettunen. 2017. "Modeling Competitive Firms' Performance Under Price-Sensitive Demand and Cap-and-Trade Emissions Constraints." Journal Article. *International Journal of Production Economics* 184: 193–209. https://doi.org/https://doi.org/10.1016/j.ijpe.2016.10.024.