

Carbon Fund - OWID

```
## Warning: package 'tidyverse' was built under R version 4.2.3
## Warning: package 'ggplot2' was built under R version 4.2.3
## Warning: package 'tibble' was built under R version 4.2.3
## Warning: package 'tidyr' was built under R version 4.2.3
## Warning: package 'readr' was built under R version 4.2.3
## Warning: package 'purrr' was built under R version 4.2.3
## Warning: package 'dplyr' was built under R version 4.2.3
## Warning: package 'stringr' was built under R version 4.2.3
## Warning: package 'forcats' was built under R version 4.2.3
## Warning: package 'lubridate' was built under R version 4.2.3
## Warning: package 'writexl' was built under R version 4.2.3

## Warning: There was 1 warning in 'mutate()'.
## i In argument: 'across(where(is.numeric), round, 5)'.
## Caused by warning:
## ! The '...' argument of 'across()' is deprecated as of dplyr 1.1.0.
## Supply arguments directly to '.fns' through an anonymous function instead.
##
## # Previously
##   across(a:b, mean, na.rm = TRUE)
##
## # Now
##   across(a:b, \(x) mean(x, na.rm = TRUE))

## Warning: package 'zoo' was built under R version 4.2.3
## Warning: package 'plm' was built under R version 4.2.3
## Warning: package 'readxl' was built under R version 4.2.3
## Warning: package 'wooldridge' was built under R version 4.2.3
## Warning: package 'countrycode' was built under R version 4.2.3
```

Table 1: Forest area coverage in 2019

| | <i>Dependent variable:</i> | |
|-------------------------|------------------------------|----------------------|
| | Forest area (sq. km) in 2019 | |
| | (1) | (2) |
| income | -0.203 (0.172) | -0.152** (0.059) |
| I(income^2) | 0.007 (0.007) | 0.006** (0.002) |
| population_density | -0.042 (0.056) | 0.027* (0.016) |
| Annual_precip | 0.0005*** (0.0001) | 0.00003 (0.00003) |
| Annual_temp | -0.012* (0.007) | -0.011*** (0.002) |
| land_area | 1.339*** (0.066) | 0.134*** (0.037) |
| agricultural_land | -0.284*** (0.082) | -0.056*** (0.021) |
| forest90 | | 0.896*** (0.025) |
| Constant | 0.907 (1.093) | 1.051*** (0.369) |
| Observations | 130 | 130 |
| R ² | 0.940 | 0.993 |
| Adjusted R ² | 0.937 | 0.992 |
| Residual Std. Error | 0.489 (df = 122) | 0.170 (df = 121) |

Note: Standard errors are robust (White)

*p<0.1; **p<0.05; ***p<0.01