

Internet Appendix to “How effectively do green bonds help the environment?” Version: 11/10/2023

Table A1: Regression results for additional sensitivity analyses mentioned in the paper

	FCP index as measure of financial constraints (1)	Standard errors in Jackknife based on deviations of the simulated coefficients from the coefficient obtained with the entire dataset (2)	Cluster by firm and year (3)	Winsorized inverse of revenues as an additional control variable (4)	Regressions without scaling any of the variables, but with winsorized level of contemporaneous revenues as additional control (5)	Carbon intensities not winsorized (6)	Restrict sample to big carbon emitters as well as their matched control firms (7)	Two liquidity proxies as additional controls (8)
Regression varied:	Table 9	(3) from Table 10	(1) from Table 8	(1) from Table 8	(1) from Table 8	(1) from Table 8	(1) from Table 8	(1) from Table 8
$GreenBond_{i,t-2}$	-29.64 (33.43)	-111.3*** (40.85)	-97.60 (65.09)	-98.26 (60.71)	8.56E+02 (1.25e+09)	-240.60* (135.95)	-164.53* (78.46)	-104.83 (73.66)
$OutVolume_{i,t-2}$		-2.01*** (0.42)	-2.38*** (0.69)	-2.39*** (0.35)	-12.79*** (4.35)	-6.96*** (2.30)	-3.71*** (0.56)	-2.53** (0.94)
$OutVolume_{i,t-2} \times (HighFCP_Index_{i,t-2} = 1)$	-2.91*** (0.61)							
$OutVolume_{i,t-2} \times (HighFCP_Index_{i,t-2} = 0)$	-0.47 (0.92)							
$JumboBond_{i,t-2}$								46.41 (42.13)
$IssueSizeAverage_{i,t-2}$								0.37 (2.62)
Firm Controls	YES	YES	YES	YES	YES	YES	YES	YES
Company FE	YES	YES	YES	YES	YES	YES	YES	YES
CountryYear FE	YES	YES	YES	YES	YES	YES	YES	YES
IndustryYear FE	YES	YES	YES	YES	YES	YES	YES	YES
Observations	2,255	-	3,055	3,055	3,055	3,055	1,346	3,055
R-squared	0.96	-	0.95	0.95	0.96	0.92	0.95	0.95

Web references for Footnote 6

For example, scaling by revenue is used by the index providers FTSE (<https://research.ftserussell.com/products/downloads/ftse-global-climate-index-series.pdf>) and Standard & Poor's (<https://www.spglobal.com/spdji/en/documents/additional-material/spdji-esg-carbon-metrics.pdf>).