$25\ 9\ 1\ -0.013390049\ 0.0254\ 67.45\ 3.20\ 57\ 19\ 3\ 0.077751823\ 0.1110\ 241.70\ NA\ 124\ 42\ 1\ 0.051598183\ 0.0018\ 16.34$ $0.11\ 136\ 46\ 1\, -0.005764788\ 0.0380\ 30.27\ 0.54\ 157\ 53\ 1\ 0.098233907\ 0.2242\ 317.98\ 5.00\ 159\ 53\ 3\ -0.036323634$ 0.1747 280.20 2.52 PriceToEarningRatio PriceToEpsRatio GreenScore CarbonProductivity 25 127.26415 NA $0.84\ 0.87\ 57\ 6.33054\ \mathrm{NA}\ 0.74\ 0.13\ 124\ 38.90476\ 45.81\ 0.27\ 0.20\ 136\ 19.78431\ \mathrm{NA}\ 0.50\ 0.60\ 157\ 25.70574$ 30.91 0.76 0.83 159 16.55050 16.89 0.79 0.14 WaterProductivity WasteProductivity EnergyProductivity 25 $0.99\ 0.92\ 0.83\ 57\ 0.13\ 0.00\ 0.14\ 124\ 0.05\ 0.04\ 0.12\ 136\ 0.00\ 0.72\ 0.68\ 157\ 0.85\ 0.97\ 0.69\ 159\ 0.11\ 0.14\ 0.13$ SustainabilityPayLink SustainableThemedCommitment AuditScore 25 1 1 1 57 1 1 1 124 1 1 1 136 0 1 1 157 1 0 1 159 0 1 1 TotalAssets Leverage NetMargin Industry Beta CostEquity 25 1.004000e+10 0.22 0.1891 $7\ 1.1739308\ 0.0139523830\ 57\ 1.241570e + 10\ 0.52\ - 0.1248\ 5\ 0.8491683\ - 0.0005095010\ 124\ 2.209974e + 12\ 1.2668491683 + 1.2416891684 + 1.241689168 + 1.241689168 + 1.241689168 + 1.241689168 + 1.241689168 + 1.241689188 + 1.241689168 + 1.241689188 + 1.241689188 + 1.241689188 + 1.24168918 + 1.$ $0.10\ 0.2502\ 5\ 0.8266926\ 0.0098549731\ 159\ 1.431700e + 10\ 0.05\ 0.3449\ 5\ - 0.1889260\ 0.0001133556\ Eps\ FirmSize$ 23.24223 NA 1.845385 3.6423118 124 0.42 28.42400 -2.2072749 3.661117 -0.8675006 136 1.53 23.58889 - $0.6161861\ 2.984889\ 0.4252677\ 157\ 12.37\ 23.03878\ 1.6094379\ 3.246714\ 2.5152742\ 159\ 16.93\ 23.38471\ 0.9242589$ 2.806416 2.8290872 LogStockPrice LogPriceToEpsRatio 25 4.211387 NA 57 5.487697 NA 124 2.793616 3.824502 136 3.410157 NA 157 5.761988 3.431080 159 5.635504 2.826722 CompaniesIndex YearIndex Ra Roa $Stock Price Close\ Tobins Q\ 10\ 4\ 1\ -0.07460609\ 0.1801\ 92.26\ 2.54\ 11\ 4\ 2\ -0.11679032\ 0.2045\ 120.04\ 2.17\ 12\ 4\ 3$ $0.04684083\ 0.1493\ 104.60\ 2.00\ 22\ 8\ 1\ 0.03634923\ 0.0383\ 19.16\ 1.70\ 64\ 22\ 1\ 0.03034858\ 0.0237\ 59.35\ 0.26\ 89$ 30 2 0.01654414 0.0099 478.14 5.02 PriceToEarningRatio PriceToEpsRatio GreenScore CarbonProductivity $10\ 14.30388\ 16.71\ 0.57\ 0.96\ 11\ 13.01952\ 12.47\ 0.75\ 0.13\ 12\ 12.58724\ 13.45\ 0.74\ 0.15\ 22\ 33.03448\ 31.84$ 0.39 0.43 64 9.46571 10.55 0.49 0.21 89 382.51200 846.79 0.12 0.00 WaterProductivity WasteProductivity EnergyProductivity 10 0.96 0.94 0.92 11 0.11 0.14 0.11 12 0.12 0.11 0.10 22 0.40 0.02 0.20 64 0.31 0.72 0.19 89 0.00 0.00 SustainabilityPayLink SustainableThemedCommitment AuditScore 10 0 0 0 11 1 0 1 12 1 0 1 22 0 1 1 64 0 1 1 89 0 0 0 TotalAssets Leverage NetMargin Industry Beta CostEquity Eps 10 196088000000 $0.00\ 0.2667\ 7\ 1.67431042\ 0.019856863\ 6.45\ 11\ 2070000000000\ 0.14\ 0.2167\ 7\ -0.05332218\ -0.001498353\ 9.22\ 12$ $231839000000\ 0.26\ 0.2161\ 7\ 1.99369967\ -0.001196220\ 8.31\ 22\ 1250886000\ 0.67\ 0.0733\ 6\ 1.72904166\ 0.020502692$ $0.58\ 64\ 126947000000\ 0.29\ 0.0692\ 4\ 0.55713590\ 0.006674204\ 6.27\ 89\ 40159000000\ 0.53\ 0.0037\ 1\ 1.67636389$ 0.047105825 1.25 FirmSize LogTobinsQ LogPriceToEarningRatio LogEps LogStockPrice 10 26.00183 0.9321641 $2.660531\ 1.8640801\ 4.524611\ 11\ 26.05598\ 0.7747272\ 2.566450\ 2.2213750\ 4.787825\ 12\ 26.16931\ 0.6931472$ $2.532684\ 2.1174596\ 4.650144\ 22\ 20.94712\ 0.5306283\ 3.497552\ -0.5447272\ 2.952825\ 64\ 25.56704\ -1.3470736$ $2.247676\ 1.8357764\ 4.083452\ 89\ 24.41611\ 1.6134299\ 5.946760\ 0.2231436\ 6.169904\ LogPriceToEpsRatio\ 10$ $2.816007\ 11\ 2.523326\ 12\ 2.598979\ 22\ 3.460723\ 64\ 2.356126\ 89\ 6.741453\ Companies Index\ Year Index\ Ra\ Roa$ $24\ 1\ 0.0355356130\ 0.0850\ 20.90\ 1.88\ 89\ 30\ 2\ 0.0165441376\ 0.0099\ 478.14\ 5.02\ 90\ 30\ 3\ -0.0009330757\ 0.0319$ $699.52\ 4.36\ 100\ 34\ 1\ 0.0084040181\ 0.0557\ 116.73\ 1.88\ PriceToEarningRatio\ PriceToEpsRatio\ GreenScore$ CarbonProductivity 22 33.03448 31.84 0.39 0.43 55 29.65364 44.54 0.85 0.85 70 24.02299 NA 0.67 0.65 89 382.51200 846.79 0.12 0.00 90 142.75918 179.00 0.18 0.06 100 25.32104 29.05 0.54 0.17 WaterProductivity WasteProductivity EnergyProductivity 22 0.40 0.02 0.20 55 0.61 0.82 0.72 70 0.72 0.32 0.61 89 0.00 0.00 0.00 90 0.00 0.00 100 0.23 0.92 0.07 SustainabilityPayLink SustainableThemedCommitment AuditScore 22 0 1 1 55 1 1 1 70 1 1 0 89 0 0 0 90 0 0 0 100 1 1 1 TotalAssets Leverage NetMargin Industry Beta CostEquity Eps $22\ 1250886000\ 0.67\ 0.0733\ 6\ 1.7290417\ 0.020502692\ 0.58\ 55\ 9179300000\ 1.63\ 0.0165\ 5\ 0.4082704\ 0.004917590$ $-7.42\ 70\ 121000000000\ 0.27\ 0.0125\ 7\ 1.9956538\ 0.023648715\ 0.87\ 89\ 40159000000\ 0.53\ 0.0037\ 1\ 1.6763639$ $0.047105825\ 1.25\ 90\ 54505000000\ 1.16\ -0.0027\ 1\ 1.9839115\ -0.001190347\ 4.90\ 100\ 17393100000\ 0.71\ 0.1214\ 8$ 1.1797257 0.014020763 4.61 FirmSize LogTobinsQ LogPriceToEarningRatio LogEps LogStockPrice 22 20.94712 $0.5306283\ 3.497552\ -0.5447272\ 2.952825\ 55\ 22.94022\ NA\ 3.389585\ NaN\ 5.393764\ 70\ 23.21647\ 0.6312718$ 3.179011 -0.1392621 3.039749 89 24.41611 1.6134299 5.946760 0.2231436 6.169904 90 24.72156 1.47247214.961159 1.5892352 6.550394 100 23.57934 0.6312718 3.231636 1.5282279 4.759864 LogPriceToEpsRatio 22 3.460723 55 3.796388 70 NA 89 6.741453 90 5.187386 100 3.369018 CompaniesIndex YearIndex Ra Roa $Stock Price Close\ Tobins Q\ 6\ 2\ 3\ 0.0053688553\ 0.0537\ 38.18\ NA\ 55\ 19\ 1\ -0.0500084854\ -0.0433\ 220.03\ NA\ 60\ 0.00433\ 220.03\ NA\ 60\ 0.0043\ 220.03\ 0.0043\ 220.03\ 0.0043\ 220.03\ 0.0043\ 220.03\ 0.0043\ 220.03\ 0.0043\ 220.03\ 0.0043\ 220.03\ 0.0043\ 220.03\ 0.0043\ 0.0043\ 220.03$ $20\ 3\ 0.0357812443\ -0.0017\ 57.30\ \mathrm{NA}\ 89\ 30\ 2\ 0.0165441376\ 0.0099\ 478.14\ 5.02\ 90\ 30\ 3\ -0.0009330757\ 0.0319$ $699.52\ 4.36\ 124\ 42\ 1\ 0.0515981830\ 0.0018\ 16.34\ 0.11$ Price To
Earning Ratio Price To
Eps Ratio Green Score $Carbon Productivity\ 6\ 7.93763\ 4.67\ 0.39\ 0.05\ 55\ 29.65364\ 44.54\ 0.85\ 0.85\ 60\ 73.46154\ 141.00\ 0.40\ 0.09\ 89$

382.51200 846.79 0.12 0.00 90 142.75918 179.00 0.18 0.06 124 38.90476 45.81 0.27 0.20 WaterProductivity WasteProductivity EnergyProductivity 6 0.03 0.06 0.00 55 0.61 0.82 0.72 60 0.00 0.00 0.00 89 0.00 0.00 0.00 90 0.00 0.00 124 0.05 0.04 0.12 SustainabilityPayLink SustainableThemedCommitment AuditScore 6 1 1 0 55 1 1 1 60 1 1 0 89 0 0 0 90 0 0 124 1 1 1 TotalAssets Leverage NetMargin Industry Beta CostEquity $Eps \ 6 \ 4.377100e + 10 \ 8.01 \ 0.0676 \ 6 \ 0.5773076 \ -0.0003463846 \ 4.81 \ 55 \ 9.179300e + 09 \ 1.63 \ 0.0165 \ 5 \ 0.4082704$ $0.0049175902 \ \ \textbf{-7.42} \ \ 60 \ \ 5.155810e + 11 \ \ 0.29 \ \ 0.1169 \ \ 4 \ \ 1.2031493 \ \ \textbf{-0.0007218896} \ \ \textbf{-0.78} \ \ 89 \ \ 4.015900e + 10 \ \ 0.53810e + 10 \$ $0.0037\ 1\ 1.6763639\ 0.0471058254\ 1.25\ 90\ 5.450500e + 10\ 1.16\ -0.0027\ 1\ 1.9839115\ -0.0011903469\ 4.90\ 124$ 2.209974e+12 1.26 0.0339 4 2.8378998 0.0335872177 0.42 FirmSize LogTobinsQ LogPriceToEarningRatio ${\rm LogEps\; LogStockPrice\; 6\; 24.50224\; NA\; 2.071615\; 1.5706971\; 3.642312\; 55\; 22.94022\; NA\; 3.389585\; NaN\; 5.393764\; 60}$ $26.96856 \ \mathrm{NA} \ 4.296762 \ \mathrm{NaN} \ 4.048301 \ 89 \ 24.41611 \ 1.613430 \ 5.946760 \ 0.2231436 \ 6.169904 \ 90 \ 24.72156 \ 1.472472 \ 4.048301 \ 80 \ 24.41611 \ 1.613430 \ 5.946760 \ 0.2231436 \ 6.169904 \ 90 \ 24.72156 \ 1.472472 \ 4.048301 \ 80 \ 24.41611 \ 1.613430 \ 5.946760 \ 0.2231436 \ 6.169904 \ 90 \ 24.72156 \ 1.472472 \ 4.048301 \ 80 \ 24.41611 \ 1.613430 \ 5.946760 \ 0.2231436 \ 6.169904 \ 90 \ 24.72156 \ 1.472472 \ 4.048301 \ 80 \ 24.41611 \ 1.613430 \ 5.946760 \ 0.2231436 \ 6.169904 \ 90 \ 24.72156 \ 1.472472 \ 4.048301 \ 80 \ 24.41611 \ 1.613430 \ 5.946760 \ 0.2231436 \ 6.169904 \ 90 \ 24.72156 \ 1.472472 \ 4.048301 \ 80 \ 24.41611 \ 1.613430 \ 5.946760 \ 0.2231436 \ 6.169904 \ 90 \ 24.72156 \ 1.472472 \ 4.048301 \ 80 \ 24.41611 \ 1.613430 \ 5.946760 \ 0.2231436 \ 6.169904 \ 90 \ 24.72156 \ 1.472472 \ 4.048301 \ 80 \ 24.41611 \ 1.613430 \ 5.946760 \ 0.2231436 \ 6.169904 \ 90 \ 24.72156 \ 1.472472 \ 4.048301 \ 80 \ 24.41611 \ 1.613430 \ 5.946760 \ 0.2231436 \ 6.169904 \ 90 \ 24.72156 \ 1.472472 \ 4.048301 \ 80 \ 24.41611 \ 1.613430 \ 5.946760 \ 0.2231436 \ 6.169904 \ 90 \ 24.72156 \ 1.472472 \ 4.048301 \ 80 \ 24.41611 \ 1.613430 \ 1.472472 \ 4.048301 \ 80 \ 24.41611 \ 1.613430 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 1.472472 \ 4.048301 \ 4.04$ $4.961159\ 1.5892352\ 6.550394\ 124\ 28.42400\ -2.207275\ 3.661117\ -0.8675006\ 2.793616\ LogPriceToEpsRatio\ 6.061119\ -0.8675006\ 2.793616\ LogPriceToEpsRatio\ 6.06119\ -0.8675006\ 2.793616\ LogPriceToEpsRatio\ 6.06119\ -0.8675006\ 2.793616\ LogPriceToEpsRatio\ 6.06119\ -0.8675006\ 2.793616\ LogPriceToEpsRatio\ 6.06119\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.8675006\ 2.793616\ -0.$ 1.541159 55 3.796388 60 4.948760 89 6.741453 90 5.187386 124 3.824502 Companies Index Year Index Ra Roa Stock PriceClose Tobins
Q $10\ 4\ 1\ -0.07460609\ 0.1801\ 92.26\ 2.54\ 157\ 53\ 1\ 0.09823391\ 0.2242\ 317.98$ $5.00\ 173\ 58\ 2\ 0.09390794\ -0.0552\ 117.05\ 4.54\ 208\ 70\ 1\ -0.09448551\ 0.0436\ 100.71\ 0.85\ 246\ 82\ 3\ 0.04478498$ 0.0374 229.50 0.96 257 86 2 -0.45719344 -0.0235 NA 1.06 PriceToEarningRatio PriceToEpsRatio GreenScore CarbonProductivity $10\ 14.30388\ 16.71\ 0.57\ 0.96\ 157\ 25.70574\ 30.91\ 0.76\ 0.83\ 173\ 109.39252\ NA\ 0.22$ 0.00 208 25.82308 15.79 0.36 0.35 246 14.39774 NA 0.18 0.02 257 NA NA 0.01 0.00 WaterProductivity WasteProductivity EnergyProductivity 10 0.96 0.94 0.92 157 0.85 0.97 0.69 173 0.00 0.00 0.00 208 0.44 0.70 0.37 246 0.00 0.00 0.00 257 0.00 0.00 0.00 SustainabilityPayLink SustainableThemedCommitment AuditScore $10\ 0\ 0\ 0\ 157\ 1\ 0\ 1\ 173\ 0\ 0\ 1\ 208\ 0\ 1\ 0\ 246\ 0\ 0\ 0\ 257\ 0\ 0\ 0\ Total Assets\ Leverage\ NetMargin\ Industry\ Beta$ $CostEquity\ Eps\ 10\ 196088000000\ 0.00\ 0.2667\ 7\ 1.6743104\ 0.0198568629\ 6.45\ 157\ 10130118000\ 0.10\ 0.2502\ 5$ $0.8266926\ 0.0098549731\ 12.37\ 173\ 2249000000\ 0.49\ -0.3215\ 5\ 1.5598667\ 0.0438322542\ -1.07\ 208\ 89356000000$ 257 11941000000 1.19 0.2212 3 0.8866396 0.0249145738 -0.96 FirmSize LogTobinsO LogPriceToEarningRatio $LogEps\ LogStockPrice\ 10\ 26.00183\ 0.93216408\ 2.660531\ 1.864080\ 4.524611\ 157\ 23.03878\ 1.60943791\ 3.246714$ 2.515274 5.761988 173 21.53375 1.51292701 4.694943 NaN 4.762601 208 25.21589 -0.16251893 3.251269 $1.360977\ 4.612245\ 246\ 23.91744\ -0.04082199\ 2.667071\ 2.768832\ 5.435903\ 257\ 23.20324\ 0.05826891\ \mathrm{NANAN}$ NA LogPriceToEpsRatio 10 2.816007 157 3.431080 173 NA 208 2.759377 246 NA 257 NA CompaniesIndex $YearIndex\ Ra\ Roa\ StockPriceClose\ TobinsQ\ 25\ 9\ 1\ -0.01339005\ 0.0254\ 67.45\ 3.20\ 41\ 14\ 2\ -0.04084170\ 0.0172$ $56.12\ 2.40\ 60\ 20\ 3\ 0.03578124\ -0.0017\ 57.30\ NA\ 68\ 23\ 2\ 0.06671125\ 0.0167\ 177.65\ 3.40\ 88\ 30\ 1\ -0.08723693$ -0.0051 332.55 2.74 89 30 2 0.01654414 0.0099 478.14 5.02 PriceToEarningRatio PriceToEpsRatio GreenScore CarbonProductivity 25 127.26415 NA 0.84 0.87 41 160.34286 NA 0.66 0.14 60 73.46154 141.00 0.40 0.09 68 265.14925 139.89 0.17 0.00 88 639.51923 NA 0.01 0.00 89 382.51200 846.79 0.12 0.00 WaterProductivity WasteProductivity EnergyProductivity 25 0.99 0.92 0.83 41 0.00 0.03 0.10 60 0.00 0.00 0.00 68 0.00 0.00 0.00 88 0.00 0.00 0.00 89 0.00 0.00 0.00 SustainabilityPayLink SustainableThemedCommitment AuditScore 25 1 1 1 41 1 1 1 60 1 1 0 68 0 0 0 88 0 0 0 89 0 0 0 Total Assets Leverage NetMargin Industry Beta Cost
Equity Eps $25\ 10040000000\ 0.22\ 0.1891\ 7\ 1.173931\ 0.0139523830\ 0.53\ 41\ 4322000000\ 0.36\ 0.1070\ 7\ 1.539117\ 0.0432491780$ $0.35\ 60\ 515581000000\ 0.29\ 0.1169\ 4\ 1.203149\ -0.0007218896\ -0.78\ 68\ 3317696000\ 0.07\ 0.1630\ 5\ 2.376153$ 1 1.676364 0.0471058254 1.25 FirmSize LogTobinsQ LogPriceToEarningRatio LogEps LogStockPrice 25 $23.02984\ 1.1631508\ 4.846265\ -0.6348783\ 4.211387\ 41\ 22.18698\ 0.8754687\ 5.077314\ -1.0498221\ 4.027492\ 60$ 26.96856 NA 4.296762 NaN 4.048301 68 21.92254 1.2237754 5.580293 -0.4004776 5.179815 88 24.20620 $1.0079579 \, 6.460717 \, \text{NaN} \, 5.806790 \, 89 \, 24.41611 \, 1.6134299 \, 5.946760 \, 0.2231436 \, 6.169904 \, \text{LogPriceToEpsRatio}$ $25~\mathrm{NA}~41~\mathrm{NA}~60~4.948760~68~4.940856~88~\mathrm{NA}~89~6.741453$

Table 1: Lagrange Multipliers test for random effects versus OLS

	Dependent Variables	TimeEffect	IndividualEffect	TwowaysEffect
1	TobinsQ	0.56	< .01 ***	< .01 ***
2	LogEps	0.7768	< .01 ***	< .01 ***
3	LogStockPrice	0.2061	< .01 ***	< .01 ***
4	${\bf LogPriceToEpsRatio}$	0.5594	< .01 ***	< .01 ***
5	Ra	< .01 ***	0.159	< .01 ***
6	${\bf Price To Earning Ratio}$	0.9644	< .01 ***	< .01 ***

Table 2: F test for fixed effects versus OLS

	DependentVariables	TimeEffect	IndividualEffect	TwowaysEffect
1	TobinsQ	0.3632	< .01 ***	< .01 ***
2	LogEps	0.1823	< .01 ***	< .01 ***
3	LogStockPrice	< .01 ***	< .01 ***	< .01 ***
4	LogPriceToEpsRatio	0.4206	< .01 ***	< .01 ***
5	Ra	< .01 ***	0.8663	< .01 ***
6	${\bf Price To Earning Ratio}$	0.1372	< .01 ***	< .01 ***

Table 3: Hausman Test with time effect in fixed model

	DependentVariables	pvalue
1	TobinsQ	< .05 **
2	LogEps	< .01 ***
3	LogStockPrice	< .01 ***
4	LogPriceToEpsRatio	0.9942
5	Ra	0.269
6	${\bf Price To Earning Ratio}$	0.9977

Companies Index Year Index Ra Roa Stock Price Close Tobins Q 25 9 1 -0.01339005 0.0254 67.45 3.20 41 14 2 $-0.04084170\ 0.0172\ 56.12\ 2.40\ 57\ 19\ 3\ 0.07775182\ 0.1110\ 241.70\ NA\ 60\ 20\ 3\ 0.03578124\ -0.0017\ 57.30\ NA\ 68\ 23$ $2\ 0.06671125\ 0.0167\ 177.65\ 3.40\ 88\ 30\ 1\ -0.08723693\ -0.0051\ 332.55\ 2.74\ Price To Earning Ratio\ Price To Eps Ratio$ GreenScore CarbonProductivity 25 127.26415 NA 0.84 0.87 41 160.34286 NA 0.66 0.14 57 6.33054 NA 0.74 0.13 60 73.46154 141.00 0.40 0.09 68 265.14925 139.89 0.17 0.00 88 639.51923 NA 0.01 0.00 WaterProductivity WasteProductivity EnergyProductivity 25 0.99 0.92 0.83 41 0.00 0.03 0.10 57 0.13 0.00 0.14 60 0.00 0.00 0.00 $68\ 0.00\ 0.00\ 0.00\ 88\ 0.00\ 0.00\ 0.00\ Sustainability PayLink\ Sustainable The med Commitment\ Audit Score\ 25\ 1\ 1\ 1$ 41 1 1 1 57 1 1 1 60 1 1 0 68 0 0 0 88 0 0 0 TotalAssets Leverage NetMargin Industry Beta CostEquity Eps 25 $10040000000\ 0.22\ 0.1891\ 7\ 1.1739308\ 0.0139523830\ 0.53\ 41\ 4322000000\ 0.36\ 0.1070\ 7\ 1.5391167\ 0.0432491780$ $0.35\ 57\ 12415700000\ 0.52\ -0.1248\ 5\ 0.8491683\ -0.0005095010\ 38.18\ 60\ 515581000000\ 0.29\ 0.1169\ 4\ 1.2031493$ 1 1.1693011 0.0138977534 -0.52 FirmSize LogTobinsQ LogPriceToEarningRatio LogEps LogStockPrice 25 $23.02984\ 1.1631508\ 4.846265\ -0.6348783\ 4.211387\ 41\ 22.18698\ 0.8754687\ 5.077314\ -1.0498221\ 4.027492\ 57$ $23.24223 \; \mathrm{NA} \; 1.845385 \; 3.6423118 \; 5.487697 \; 60 \; 26.96856 \; \mathrm{NA} \; 4.296762 \; \mathrm{NaN} \; 4.048301 \; 68 \; 21.92254 \; 1.2237754$ NA 57 NA 60 4.948760 68 4.940856 88 NA CompaniesIndex YearIndex Ra Roa StockPriceClose TobinsQ 10 4 $1 \, -0.0746060911 \,\, 0.1801 \,\, 92.26 \,\, 2.54 \,\, 11 \,\, 4 \,\, 2 \,\, -0.1167903210 \,\, 0.2045 \,\, 120.04 \,\, 2.17 \,\, 12 \,\, 4 \,\, 3 \,\, 0.0468408304 \,\, 0.1493 \,\, 104.60 \,\, 104.00 \,\, 104$ $2.00\ 89\ 30\ 2\ 0.0165441376\ 0.0099\ 478.14\ 5.02\ 90\ 30\ 3\ -0.0009330757\ 0.0319\ 699.52\ 4.36\ 178\ 60\ 1\ 0.0130717905$ 0.0393 NA 0.75 PriceToEarningRatio PriceToEpsRatio GreenScore CarbonProductivity 10 14.30388 16.71 $0.57\ 0.96\ 11\ 13.01952\ 12.47\ 0.75\ 0.13\ 12\ 12.58724\ 13.45\ 0.74\ 0.15\ 89\ 382.51200\ 846.79\ 0.12\ 0.00\ 90\ 142.75918$ 179.00 0.18 0.06 178 NA 16.96 0.02 0.00 WaterProductivity WasteProductivity EnergyProductivity 10 $0.96\ 0.94\ 0.92\ 11\ 0.11\ 0.14\ 0.11\ 12\ 0.12\ 0.11\ 0.10\ 89\ 0.00\ 0.00\ 0.00\ 90\ 0.00\ 0.00\ 0.00\ 178\ 0.00\ 0.00\ 0.00$ Sustainability PayLink Sustainable
ThemedCommitment AuditScore 10 0 0 0 11 1 0 1 12 1 0 1 89 0 0 0 90 $^\circ$ 0 0 0 178 0 0 0 Total Assets Leverage NetMargin Industry Beta Cost
Equity 10 1.96088e+11 0.00 0.2667 7 $^{\circ}$ $1.67431042\ 0.019856863\ 11\ 2.07000e + 11\ 0.14\ 0.2167\ 7 - 0.05332218 - 0.001498353\ 12\ 2.31839e + 11\ 0.26\ 0.2161\ 7$ 1.98391153 - 0.001190347 178 4.27452e + 11 0.33 0.0912 4 0.40949541 0.004932046 Eps FirmSize LogTobinsQ $Log Price To Earning Ratio\ Log Eps\ 10\ 6.45\ 26.00183\ 0.9321641\ 2.660531\ 1.8640801\ 11\ 9.22\ 26.05598\ 0.7747272$ $2.566450\ 2.2213750\ 12\ 8.31\ 26.16931\ 0.6931472\ 2.532684\ 2.1174596\ 89\ 1.25\ 24.41611\ 1.6134299\ 5.946760$ $0.2231436\ 90\ 4.90\ 24.72156\ 1.4724721\ 4.961159\ 1.5892352\ 178\ 12092.00\ 26.78111\ -0.2876821\ NA\ 9.4002994$ LogStockPrice LogPriceToEpsRatio 10 4.524611 2.816007 11 4.787825 2.523326 12 4.650144 2.598979 89 6.169904 6.741453 90 6.550394 5.187386 178 NA 2.830858 CompaniesIndex YearIndex Ra Roa StockPriceClose $TobinsQ\ 22\ 8\ 1\ 0.0363492305\ 0.0383\ 19.16\ 1.70\ 23\ 8\ 2\ -0.0944602010\ 0.0445\ 22.25\ 1.71\ 24\ 8\ 3\ -0.0250285637$ $0.0666\ 19.21\ 1.45\ 37\ 13\ 1\ 0.0006293493\ 0.0302\ 265.41\ 0.93\ 55\ 19\ 1\ -0.0500084854\ -0.0433\ 220.03\ NA\ 56\ 19$

Table 4: Hausman Test with individual effect in fixed model

	DependentVariables	pvalue
1	TobinsQ	< .01 ***
2	LogEps	< .01 ***
3	LogStockPrice	0.873
4	LogPriceToEpsRatio	0.9288
5	Ra	0.5576
6	${\bf Price To Earning Ratio}$	0.3748

Table 5: Hausman Test with twoways effects in fixed model

	DependentVariables	pvalue
1	TobinsQ	< .01 ***
2	LogEps	< .05 **
3	LogStockPrice	< .1 *
4	LogPriceToEpsRatio	0.9341
5	Ra	0.3276
6	${\bf Price To Earning Ratio}$	0.2062

2 -0.0044381245 0.0391 297.20 NA PriceToEarningRatio PriceToEpsRatio GreenScore CarbonProductivity $22\ 33.03448\ 31.84\ 0.39\ 0.43\ 23\ 30.90278\ 31.04\ 0.52\ 0.03\ 24\ 17.62385\ 21.05\ 0.57\ 0.04\ 37\ 33.72427\ 29.78$ 0.00 0.00 55 29.65364 44.54 0.85 0.85 56 29.69031 NA 0.84 0.13 WaterProductivity WasteProductivity EnergyProductivity 22 $0.40\ 0.02\ 0.20\ 23\ 0.07\ 0.03\ 0.01\ 24\ 0.09\ 0.01\ 0.05\ 37\ 0.00\ 0.00\ 0.00\ 55\ 0.61\ 0.82$ 0.72 56 0.12 0.13 0.12 SustainabilityPayLink SustainableThemedCommitment AuditScore 22 0 1 1 23 1 1 1 24 1 1 1 37 0 0 0 55 1 1 1 56 1 1 1 Total Assets Leverage NetMargin Industry Beta Cost
Equity Eps 22 $\,$ $1250886000\ 0.67\ 0.0733\ 6\ 1.7290417\ 0.020502692\ 0.58\ 23\ 1682000000\ 1.30\ 0.0738\ 6\ 0.8466823\ 0.023791773$ $0.72\ 24\ 1851000000\ 1.38\ 0.0665\ 6\ 0.7432216\ -0.000445933\ 1.09\ 37\ 12000139000\ 8.91\ 0.1160\ 7\ 0.9131758$ $0.010875474\ 7.87\ 55\ 9179300000\ 1.63\ 0.0165\ 5\ 0.4082704\ 0.004917590\ -7.42\ 56\ 10574300000\ 0.89\ -0.0865$ $5\ 0.4730059\ 0.013291466\ 10.01\ FirmSize\ LogTobinsQ\ LogPriceToEarningRatio\ LogEps\ LogStockPrice\ 22$ $20.94712\ 0.53062825\ 3.497552\ -0.5447272\ 2.952825\ 23\ 21.24325\ 0.53649337\ 3.430846\ -0.3285041\ 3.102342$ $24\ 21.33899\ 0.37156356\ 2.869253\ 0.0861777\ 2.955431\ 37\ 23.20818\ -0.07257069\ 3.518218\ 2.0630581\ 5.581276$ $55\ 22.94022\ \mathrm{NA}\ 3.389585\ \mathrm{NaN}\ 5.393764\ 56\ 23.08169\ \mathrm{NA}\ 3.390821\ 2.3035846\ 5.694405\ \mathrm{LogPriceToEpsRatio}$ 22 3.460723 23 3.435277 24 3.046901 37 3.393837 55 3.796388 56 NA Companies Index Year
Index Ra Roa $StockPriceClose\ TobinsQ\ 10\ 4\ 1\ -0.0746060911\ 0.1801\ 92.26\ 2.54\ 11\ 4\ 2\ -0.1167903210\ 0.2045\ 120.04\ 2.17$ $12\ 4\ 3\ 0.0468408304\ 0.1493\ 104.60\ 2.00\ 89\ 30\ 2\ 0.0165441376\ 0.0099\ 478.14\ 5.02\ 90\ 30\ 3\ -0.0009330757$ $0.0319~699.52~4.36~178~60~1~0.0130717905~0.0393~{\rm NA}~0.75~{\rm PriceToEarningRatio~PriceToEpsRatio~GreenScore}$ CarbonProductivity 10 14.30388 16.71 0.57 0.96 11 13.01952 12.47 0.75 0.13 12 12.58724 13.45 0.74 0.15 89 382.51200 846.79 0.12 0.00 90 142.75918 179.00 0.18 0.06 178 NA 16.96 0.02 0.00 WaterProductivity WasteProductivity EnergyProductivity 10 0.96 0.94 0.92 11 0.11 0.14 0.11 12 0.12 0.11 0.10 89 0.00 0.00 $0.00\ 90\ 0.00\ 0.00\ 0.00\ 178\ 0.00\ 0.00\ 0.00\ Sustainability Pay Link\ Sustainable The med Commitment\ Audit Score$ $10\ 0\ 0\ 0\ 11\ 1\ 0\ 1\ 12\ 1\ 0\ 1\ 89\ 0\ 0\ 0\ 90\ 0\ 0\ 0\ 178\ 0\ 0\ 0\ {\rm Total Assets\ Leverage\ NetMargin\ Industry\ Beta}$ $-0.001498353\ 12\ 2.31839e + 11\ 0.26\ 0.2161\ 7\ 1.99369967\ -0.001196220\ 89\ 4.01590e + 10\ 0.53\ 0.0037\ 1\ 1.67636389$ $0.047105825\ 90\ 5.45050e + 10\ 1.16\ -0.0027\ 1\ 1.98391153\ -0.001190347\ 178\ 4.27452e + 11\ 0.33\ 0.0912\ 4\ 0.40949541$ 0.004932046 Eps FirmSize LogTobinsQ LogPriceToEarningRatio LogEps 10 6.45 26.00183 0.9321641 2.660531 $1.8640801\ 11\ 9.22\ 26.05598\ 0.7747272\ 2.566450\ 2.2213750\ 12\ 8.31\ 26.16931\ 0.6931472\ 2.532684\ 2.1174596\ 89$ $1.25\ 24.41611\ 1.6134299\ 5.946760\ 0.2231436\ 90\ 4.90\ 24.72156\ 1.4724721\ 4.961159\ 1.5892352\ 178\ 12092.00$ 26.78111 -0.2876821 NA 9.4002994 LogStockPrice LogPriceToEpsRatio 10 4.524611 2.816007 11 4.787825 $2.523326\ 12\ 4.650144\ 2.598979\ 89\ 6.169904\ 6.741453\ 90\ 6.550394\ 5.187386\ 178\ NA\ 2.830858$

Table 6: Model comparison TobinsQ - Pool (1), Random (2)

	$\frac{Dependent\ variable:}{\text{LogTobinsQ}}$	
	(1)	(2)
SustainabilityPayLink	0.102**	0.048
	(0.044)	(0.030)
SustainableThemedCommitment	0.062	0.012
	(0.043)	(0.041)
AuditScore	0.153***	0.086**
	(0.044)	(0.039)
CarbonProductivity	0.112	0.075
	(0.133)	(0.065)
WaterProductivity	0.194	-0.031
	(0.155)	(0.074)
WasteProductivity	0.032	-0.011
	(0.153)	(0.074)
FirmSize	-0.427^{***}	-0.398***
	(0.015)	(0.022)
NetMargin	0.420***	-0.007
	(0.152)	(0.111)
Leverage	0.003	0.001
	(0.003)	(0.001)
Industry	-0.022***	-0.018
	(0.007)	(0.011)
Constant	10.295***	9.742***
	(0.343)	(0.529)
Observations	946	946
\mathbb{R}^2	0.488	0.262
Adjusted R ²	0.483	0.254
F Statistic (df = 10; 935)	89.135***	33.113***
Note:	*p<0.1; **p<0.05; ***p<0.0	

5

Table 7: Model comparison TobinsQ - Fixed with time (1), individual (2) and twoways effects (3)

		$Dependent\ variable:$	
		LogTobinsQ	
	(1)	(2)	(3)
SustainabilityPayLink	0.093** (0.044)	0.028 (0.031)	0.033 (0.031)
${\bf Sustainable The med Commitment}$	0.057 (0.044)	-0.063 (0.049)	-0.060 (0.049)
AuditScore	$0.147^{***} $ (0.045)	0.010 (0.045)	0.010 (0.045)
CarbonProductivity	0.171 (0.146)	$0.056 \\ (0.065)$	0.037 (0.071)
WaterProductivity	0.216 (0.157)	-0.049 (0.072)	-0.049 (0.073)
WasteProductivity	$0.050 \\ (0.154)$	-0.030 (0.074)	-0.028 (0.073)
FirmSize	-0.426^{***} (0.015)	-0.218^{***} (0.066)	-0.253^{***} (0.074)
NetMargin	0.404*** (0.153)	-0.154 (0.121)	-0.157 (0.120)
Leverage	0.003 (0.003)	0.001 (0.002)	$0.0005 \\ (0.001)$
Industry	-0.022^{***} (0.007)		
Observations R ²	946 0.489	946 0.029	946 0.032
Adjusted R ² F Statistic	$\begin{array}{c} 0.482 \\ 89.258^{***} \text{ (df = 10; 933)} \end{array}$	-0.521 $2.013^{**} (df = 9; 603)$	-0.522 $2.226^{**} (df = 9; 601)$

Table 8: Model comparison LogEps - Pool (1), Random (2)

	Dependent variable: LogEps	
	(1)	(2)
SustainabilityPayLink	0.012	0.035
	(0.055)	(0.051)
SustainableThemedCommitment	0.065	0.059
	(0.054)	(0.062)
AuditScore	-0.086	-0.115^*
	(0.055)	(0.062)
CarbonProductivity	0.280*	0.026
	(0.170)	(0.123)
WaterProductivity	-0.273	-0.008
	(0.190)	(0.137)
WasteProductivity	0.303	0.056
	(0.186)	(0.134)
FirmSize	0.093***	0.095***
	(0.018)	(0.026)
NetMargin	0.153	-0.090
	(0.220)	(0.212)
Leverage	0.007*	0.0003
	(0.004)	(0.003)
Industry	-0.010	-0.010
	(0.008)	(0.013)
Constant	-1.127***	-1.114*
	(0.413)	(0.603)
Observations	967	967
\mathbb{R}^2	0.047	0.023
Adjusted R^2	0.037	0.013
F Statistic (df = 10; 956)	4.733***	2.157**
Note:	*p<0.1; **p<	0.05; ***p<0

7

Table 9: Model comparison LogEps - Fixed with time (1), individual (2) and twoways effects (3)

		Dependent variable:	
		LogEps	
	(1)	(2)	(3)
SustainabilityPayLink	-0.005	0.030	0.030
	(0.056)	(0.060)	(0.062)
${\bf Sustainable The med Commitment}$	0.056	0.044	0.042
	(0.054)	(0.096)	(0.097)
AuditScore	-0.095^{*}	-0.172*	-0.182*
	(0.055)	(0.095)	(0.095)
CarbonProductivity	0.397**	-0.055	-0.054
	(0.185)	(0.132)	(0.144)
WaterProductivity	-0.240	0.064	0.070
v	(0.191)	(0.143)	(0.143)
WasteProductivity	0.339^{*}	-0.005	0.008
v	(0.187)	(0.141)	(0.141)
FirmSize	0.094***	0.178	0.090
	(0.018)	(0.138)	(0.156)
NetMargin	0.124	-0.354	-0.371
O .	(0.221)	(0.255)	(0.256)
Leverage	0.007^{*}	-0.001	-0.001
	(0.004)	(0.003)	(0.003)
Industry	-0.010		
v	(0.008)		
Observations	967	967	967
\mathbb{R}^2	0.050	0.013	0.012
Adjusted \mathbb{R}^2	0.038	-0.584	-0.590
F Statistic	$4.992^{***} (df = 10; 954)$	0.883 (df = 9; 602)	0.835 (df = 9; 600)

Table 10: Model comparison LogStockPrice - Pool (1), Random (2)

	Dependent variable: LogStockPrice	
	(1)	(2)
SustainabilityPayLink	-0.040	-0.004
• •	(0.045)	(0.024)
SustainableThemedCommitment	-0.053	-0.010
	(0.045)	(0.035)
AuditScore	-0.040	0.0002
	(0.045)	(0.032)
CarbonProductivity	0.133	-0.143***
	(0.146)	(0.053)
WaterProductivity	0.171	0.106*
·	(0.167)	(0.058)
WasteProductivity	-0.126	-0.078
	(0.169)	(0.060)
FirmSize	-0.065***	-0.043**
	(0.015)	(0.022)
NetMargin	0.132	0.061
	(0.132)	(0.079)
Leverage	0.008***	-0.001
	(0.003)	(0.001)
Industry	-0.006	-0.013
	(0.007)	(0.012)
Constant	5.763***	5.267***
	(0.349)	(0.514)
Observations	984	984
R^2	0.050	0.179
Adjusted R^2	0.040	0.171
F Statistic (df = 10 ; 973)	5.124***	20.973***

Table 11: Model comparison LogStockPrice - Fixed with time (1), individual (2) and twoways effects (3)

		Dependent variable:	
		LogStockPrice	
	(1)	(2)	(3)
SustainabilityPayLink	-0.066	-0.003	-0.016
	(0.046)	(0.024)	(0.024)
${\bf Sustainable The med Commitment}$	-0.065	0.025	0.012
	(0.045)	(0.039)	(0.039)
AuditScore	-0.057	0.019	0.006
	(0.045)	(0.035)	(0.036)
CarbonProductivity	0.331**	-0.128**	-0.064
	(0.158)	(0.052)	(0.056)
WaterProductivity	0.226	0.106*	0.122**
	(0.167)	(0.057)	(0.057)
WasteProductivity	-0.089	-0.068	-0.062
	(0.169)	(0.059)	(0.059)
FirmSize	-0.063***	0.117**	0.079
	(0.015)	(0.049)	(0.055)
NetMargin	0.115	0.028	0.031
	(0.131)	(0.081)	(0.081)
Leverage	0.008***	-0.002	-0.002
	(0.003)	(0.001)	(0.001)
Industry	-0.006		
	(0.007)		
Observations	984	984	984
\mathbb{R}^2	0.059	0.038	0.015
Adjusted R ²	0.048	-0.507	-0.546
F Statistic	$6.119^{***} (df = 10; 971)$	$2.721^{***} (df = 9; 628)$	1.093 (df = 9; 626)

Table 12: Model comparison LogPriceToEpsRatio - Pool (1), Random (2)

	Dependent variable: LogPriceToEpsRatio	
	(1)	(2)
	-0.108***	-0.083**
	(0.039)	(0.042)
SustainableThemedCommitment	-0.102***	-0.109**
	(0.039)	(0.047)
AuditScore	0.071*	0.056
	(0.040)	(0.046)
CarbonProductivity	-0.217^*	-0.179*
	(0.113)	(0.104)
WaterProductivity	0.091	0.095
	(0.137)	(0.125)
WasteProductivity	-0.096	-0.143
	(0.130)	(0.119)
FirmSize	-0.134***	-0.138***
	(0.012)	(0.016)
NetMargin	0.389**	0.403**
	(0.173)	(0.197)
Leverage	0.003	0.003
	(0.005)	(0.004)
Industry	0.002	0.001
	(0.006)	(0.008)
Constant	6.291***	6.383***
	(0.286)	(0.377)
Observations	787	787
\mathbb{R}^2	0.222	0.261
Adjusted R ²	0.212	0.251
F Statistic (df = 10 ; 776)	22.132***	27.347***
Note:	*p<0.1: **p<	(0.05: ***p<0.0

Table 13: Model comparison LogPriceToEpsRatio - Fixed with time (1), individual (2) and twoways effects (3)

	Ì	Dependent variable:	
	I	ogPriceToEpsRatio	
	(1)	(2)	(3)
SustainabilityPayLink	-0.113***	-0.026	-0.032
	(0.040)	(0.059)	(0.060)
SustainableThemedCommitment	-0.105^{***}	-0.107	-0.110
	(0.040)	(0.093)	(0.094)
AuditScore	0.068*	0.043	0.031
	(0.040)	(0.087)	(0.088)
CarbonProductivity	-0.190	-0.075	-0.056
·	(0.124)	(0.127)	(0.139)
WaterProductivity	0.098	0.103	0.107
v	(0.137)	(0.146)	(0.146)
WasteProductivity	-0.081	-0.182	-0.162
·	(0.132)	(0.136)	(0.137)
FirmSize	-0.134^{***}	-0.123	-0.217
	(0.012)	(0.140)	(0.158)
NetMargin	0.379**	0.542	0.514
· ·	(0.174)	(0.339)	(0.340)
Leverage	0.003	0.003	0.003
· ·	(0.005)	(0.005)	(0.005)
Industry	0.002		
v	(0.006)		
Observations	787	787	787
\mathbb{R}^2	0.222	0.018	0.019
Adjusted R^2	0.210	-0.608	-0.613
F Statistic	$22.133^{***} (df = 10; 774)$	0.963 (df = 9; 480)	1.017 (df = 9; 478)

Table 14: Model comparison Ra - Pool (1), Random (2)

	Dependent variable:	
	Ra	
	(1)	(2)
SustainabilityPayLink	-0.0004	-0.0004
	(0.004)	(0.004)
SustainableThemedCommitment	0.001	0.001
	(0.004)	(0.004)
AuditScore	0.0003	0.0003
	(0.004)	(0.004)
CarbonProductivity	0.009	0.009
	(0.012)	(0.012)
WaterProductivity	-0.001	-0.001
	(0.014)	(0.014)
WasteProductivity	-0.00002	-0.00002
	(0.014)	(0.014)
FirmSize	0.003**	0.003**
	(0.001)	(0.001)
NetMargin	0.008	0.008
	(0.013)	(0.013)
Leverage	0.0003	0.0003
	(0.0004)	(0.0004)
Industry	0.001**	0.001**
	(0.001)	(0.001)
Constant	-0.081***	-0.081***
	(0.029)	(0.029)
Observations	1,039	1,039
\mathbb{R}^2	0.015	0.015
Adjusted R^2	0.005	0.005
F Statistic (df = 10 ; 1028)	1.567	1.567

Table 15: Model comparison Ra - Fixed with time (1), individual (2) and two ways effects (3)

		Dependent variable:	
		Ra	
	(1)	(2)	(3)
SustainabilityPayLink	0.002	-0.007	-0.001
	(0.004)	(0.008)	(0.008)
${\bf Sustainable The med Commitment}$	0.003	0.004	0.009
	(0.004)	(0.013)	(0.012)
AuditScore	0.001	-0.008	-0.005
	(0.004)	(0.012)	(0.011)
CarbonProductivity	-0.011	0.012	-0.019
The state of the s	(0.012)	(0.017)	(0.017)
WaterProductivity	-0.004	-0.010	-0.012
Tracell roddening	(0.013)	(0.019)	(0.018)
WasteProductivity	-0.003	0.010	0.007
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(0.013)	(0.019)	(0.018)
FirmSize	0.003**	0.036**	0.028*
	(0.001)	(0.015)	(0.016)
NetMargin	0.009	0.008	0.008
0	(0.012)	(0.026)	(0.024)
Leverage	0.0003	0.001	0.0001
	(0.0003)	(0.002)	(0.002)
Industry	0.001**		
Hiddsory	(0.001)		
Observations	1,039	1,039	1,039
\mathbb{R}^2	0.019	0.013	0.009
Adjusted R ² F Statistic	0.007 $1.937^{**} (df = 10; 1026)$	-0.536 $0.964 (df = 9; 667)$	-0.547 $0.666 (df = 9; 665)$

Table 16: Model comparison PriceToEarningRatio - Pool (1), Random (2)

	Dependent variable: LogPriceToEarningRatio	
	(1)	(2)
	-0.066*	-0.060
	(0.038)	(0.041)
SustainableThemedCommitment	-0.177***	-0.161^{***}
	(0.038)	(0.045)
AuditScore	0.105***	0.115**
	(0.038)	(0.045)
CarbonProductivity	-0.197^*	-0.186*
	(0.116)	(0.109)
WaterProductivity	0.170	0.121
	(0.133)	(0.124)
WasteProductivity	-0.097	-0.076
	(0.128)	(0.120)
FirmSize	-0.134***	-0.141^{***}
	(0.013)	(0.016)
NetMargin	-0.297**	-0.253^{*}
	(0.131)	(0.145)
Leverage	-0.0004	-0.0001
	(0.008)	(0.008)
Industry	0.009	0.008
	(0.006)	(0.008)
Constant	6.337***	6.500***
	(0.295)	(0.381)
Observations	989	989
\mathbb{R}^2	0.179	0.180
Adjusted R^2	0.170	0.172
F Statistic (df = 10 ; 978)	21.264***	21.412***
Note:	*p<0.1: **p<0.05: ***p<0.01	

Table 17: Model comparison Price To
Earning Ratio - Fixed with time (1), individual (2)
and two
ways effects (3)

		Dependent variable:	
	LogPriceToEarningRatio		
	(1)	(2)	(3)
SustainabilityPayLink	-0.078**	-0.020	-0.042
	(0.039)	(0.059)	(0.061)
SustainableThemedCommitment	-0.182***	0.0001	-0.016
	(0.038)	(0.095)	(0.095)
AuditScore	0.099**	0.258***	0.244***
	(0.039)	(0.092)	(0.093)
CarbonProductivity	-0.119	-0.094	0.009
	(0.126)	(0.127)	(0.139)
WaterProductivity	0.187	0.072	0.088
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(0.133)	(0.139)	(0.139)
WasteProductivity	-0.080	-0.026	-0.010
V	(0.129)	(0.136)	(0.136)
FirmSize	-0.133***	-0.150	-0.178
	(0.013)	(0.122)	(0.137)
NetMargin	-0.304**	-0.204	-0.193
O	(0.131)	(0.228)	(0.227)
Leverage	0.001	0.008	0.010
O	(0.008)	(0.013)	(0.013)
Industry	0.008		
v	(0.006)		
Observations	989	989	989
\mathbb{R}^2	0.180	0.018	0.018
Adjusted R ² F Statistic	$0.170 21.365^{***} (df = 10; 976)$	-0.533 1.287 (df = 9; 633)	-0.538 $1.266 (df = 9; 631)$

Table 18: Model based on LM, wild and hausmand test

	$Dependent\ variable:$	
	LogEps	LogStockPrice
	(1)	(2)
SustainabilityPayLink	-0.005	-0.040
	(0.056)	(0.045)
${\bf Sustainable The med Commitment}$	0.056	-0.053
	(0.054)	(0.045)
AuditScore	-0.095^{*}	-0.040
	(0.055)	(0.045)
CarbonProductivity	0.397**	0.133
	(0.185)	(0.146)
WaterProductivity	-0.240	0.171
	(0.191)	(0.167)
WasteProductivity	0.339^{*}	-0.126
v	(0.187)	(0.169)
FirmSize	0.094***	-0.065***
	(0.018)	(0.015)
NetMargin	0.124	0.132
	(0.221)	(0.132)
Leverage	0.007^{*}	0.008***
	(0.004)	(0.003)
Industry	-0.010	-0.006
	(0.008)	(0.007)
Constant		5.763***
		(0.349)
Observations	967	984
\mathbb{R}^2	0.050	0.050
Adjusted R^2	0.038	0.040
F Statistic	$4.992^{***} (df = 10; 954)$	$5.124^{***} (df = 10; 973)$

Table 19: Model based on LM, wild and hausmand test

	$Dependent\ variable:$		
	LogTobinsQ	LogPriceToEpsRatio	
	(1)	(2)	
SustainabilityPayLink	0.102**	-0.113***	
	(0.044)	(0.040)	
SustainableThemedCommitment	0.062	-0.105***	
	(0.043)	(0.040)	
AuditScore	0.153***	0.068*	
	(0.044)	(0.040)	
CarbonProductivity	0.112	-0.190	
	(0.133)	(0.124)	
WaterProductivity	0.194	0.098	
	(0.155)	(0.137)	
WasteProductivity	0.032	-0.081	
	(0.153)	(0.132)	
FirmSize	-0.427^{***}	-0.134***	
	(0.015)	(0.012)	
NetMargin	0.420***	0.379**	
	(0.152)	(0.174)	
Leverage	0.003	0.003	
	(0.003)	(0.005)	
Industry	-0.022***	0.002	
	(0.007)	(0.006)	
Constant	10.295***		
	(0.343)		
Observations	946	787	
\mathbb{R}^2	0.488	0.222	
Adjusted R ²	0.483	0.210	
F Statistic	$89.135^{***} (df = 10; 935)$	$22.133^{***} (df = 10; 774)$	

Table 20: Lagrange Multipliers test for random effects versus OLS

	DependentVariables	TimeEffect
1	TobinsQ	0.37
2	LogPriceToEarningRatio	0.93
3	LogStockPrice	0.85
4	LogPriceToEpsRatio	0.32

Table 21: F test for fixed effects versus OLS

	710 2 11 1 0000 101 111100 011000	D TOLDED CLO
	DependentVariables	TimeEffect
1	TobinsQ	0.6665
2	LogPriceToEarningRatio	0.2444
3	LogStockPrice	0.2735
4	LogPriceToEpsRatio	< .1 *

Table 22: Hausman Test with time effect in fixed model

	DependentVariables	pvalue
1	TobinsQ	< .01 ***
2	LogPriceToEarningRatio	0.9922
3	LogStockPrice	< .05 **
4	${\bf LogPriceToEpsRatio}$	0.6228

Table 23: Fixed Model

	$Dependent\ variable:$	
	LogPriceToEarningRatio	LogPriceToEpsRatio
	(1)	(2)
GreenScore	-0.124	-0.287**
	(0.087)	(0.112)
FirmSize	-0.146***	-0.144^{***}
	(0.012)	(0.015)
NetMargin	-0.090	0.013
	(0.142)	(0.191)
Leverage	-0.003	-0.00004
	(0.008)	(0.003)
Industry	0.004	-0.008
	(0.006)	(0.008)
Observations	992	789
\mathbb{R}^2	0.137	0.132
Adjusted R ²	0.131	0.124
F Statistic	$31.196^{***} (df = 5; 984)$	$23.704^{***} (df = 5; 781)$

^{*}p<0.1; **p<0.05; ***p<0.01

Table 24: Pool Model

	Dependent variable:		
	LogPriceToEarningRatio	${\bf LogPriceToEpsRatio}$	
	(1)	(2)	
GreenScore	-0.110	-0.250**	
	(0.086)	(0.111)	
FirmSize	-0.146***	-0.144^{***}	
	(0.012)	(0.015)	
NetMargin	-0.086	0.029	
	(0.142)	(0.191)	
Leverage	-0.003	-0.0005	
Ü	(0.008)	(0.003)	
Industry	0.004	-0.008	
v	(0.006)	(0.008)	
Constant	6.580***	6.657***	
	(0.294)	(0.354)	
Observations	992	789	
\mathbb{R}^2	0.136	0.129	
Adjusted \mathbb{R}^2	0.131	0.123	
F Statistic	$31.004^{***} (df = 5; 986)$	$23.124^{***} (df = 5; 783)$	