

Appendix A : Outliers

Warning in log(TobinsQ): production de NaN

Warning in model.matrix.default(mt, mf, contrasts): la réponse est apparue
dans le membre de droite et y a été éliminée

Warning in model.matrix.default(mt, mf, contrasts): problème avec le terme
11 dans model.matrix : aucune colonne n'est assignée

X	Ticker	Year	Roa	Roe	DebtToEquityRatio	NetMargin
10	10 AAPL	2012	0.2854	0.4284	0.00	0.2667
11	11 AAPL	2013	0.1934	0.3064	0.14	0.2167
136	136 BBY	2012	-0.0727	-0.2379	0.45	-0.0243
181	181 BSX	2012	-0.2116	-0.4465	0.62	-0.5612
246	246 CHTR	2014	-0.0087	-1.2323	143.99	-0.0201
480	480 GILD	2014	0.4234	0.9006	0.77	0.4862
			PayoutRatio	TotalAssets	Shares	Roic
10	10 AAPL	2012	0.1191	1.96088e+11	6.617e+09	0.4201
11	11 AAPL	2013	0.2740	2.07000e+11	6.522e+09	0.2608
136	136 NA	2012	1.75600e+10	3.750e+08	-0.1604	4.54570e+10
181	181 NA	2012	1.71540e+10	1.407e+09	-0.2847	7.24900e+09
246	246 NA	2012	2.43900e+10	9.800e+07	-0.0103	9.10800e+09
480	480 NA	2012	0.0000	3.46640e+10	1.647e+09	0.5417
			ResearchAndDevelopment	NetIncome	ShareholdersEquity	
10	10 AAPL	2012	41733000000	1.27346e+11	11	4.475e+09
11	11 AAPL	2013	37037000000	1.29684e+11	136	NA
136	136 NA	2012	-1231000000	NA	181	NA
181	181 NA	2012	-4068000000	6.87000e+09	246	NA
246	246 NA	2012	-183000000	NA	480	2.854e+09
			PriceToEquityRatio	Eps	Ra	Rf
10	10 AAPL	2012	13.33	6.31	-0.095127483	1e-04
11	11 AAPL	2013	13.24	5.68	0.008862213	0e+00
136	136 NA	2012	-3.36	-0.087197564	1e-04	0.0119
181	181 NA	2012	-2.89	0.033721030	1e-04	0.0119
246	246 NA	2012	-1.88	-0.018316414	0e+00	-0.0006
480	480 NA	2012	17.95	7.35	-0.062308048	0e+00
			Rm	Rf	Beta	AlphaJensen
10	10 AAPL	2012	1.67431042	-0.11498435	1.985686e-02	2.42
11	11 AAPL	2013	2.11504220	-0.11225506	2.505750e-02	0.32
136	136 NA	2012	0.63	5.58000	246	-0.0006
181	181 NA	2012	0.37099587	-0.01809382	-2.225975e-04	1.60
246	246 NA	2012	0.08090938	-0.06225950	-4.854563e-05	4.08
			Volume	YearNewsWeekGR	RankNewsWeekGR	GreenScore
10	10 AAPL	2012	88569600	2014	48	0.57
11	11 AAPL	2013	0.92	11	NA	2015
136	136 NA	2012	0.75	0.11	136	4483400
181	181 NA	2012	0.50	0.68	181	5937800
246	246 NA	2012	0.29	0.00	246	NA
480	480 NA	2012	0.18	0.00	480	NA
			CarbonProductivity	WaterProductivity	WasteProductivity	Green.Revenue
10	10 AAPL	2012	0.96	0.96	0.94	0.01
11	11 AAPL	2013	0.13	0.11	0.14	0.11
136	136 NA	2012	0.60	0.00	0.72	0.49
181	181 NA	2012	0.27	0.44	0.49	0.31
246	246 NA	2012	0.02	0.00	0.00	0.16
480	480 NA	2012	0.13	0.00	0.00	0.00
			SustainabilityPayLink	SustainableThemedCommitment	AuditScore	
10	10 AAPL	2012	0	0	0	11
11	11 AAPL	2013	1	0	1	136
136	136 NA	2012	0	1	1	181
181	181 NA	2012	0	0	0	246
246	246 NA	2012	0	0	0	480
			GisSector	GicsClassification	Index	
10	10 AAPL	2012	Information	Technology	7	4
11	11 AAPL	2013	Information	Technology	7	4
136	136 NA	2012	Consumer	Discretionary	1	46
181	181 NA	2012	Health	Care	5	61
246	246 NA	2012	Consumer	Discretionary	1	82
480	480 NA	2012	Health	Care	5	160
			X	Ticker	Year	Roa
10	10 AAPL	2012	0.2854	0.4284	0.00	0.2667
11	11 AAPL	2013	0.1934	0.3064	0.14	0.2167
136	136 AAPL	2014	0.1801	0.3361	0.26	0.2161
181	181 ADM	2012	0.0292	0.0665	0.36	0.0137
246	246 AGN	2012	0.3353	55	55	0.0094
480	480 ALL	2012	0.0183	0.1175	0.29	0.0692
			TotalAssets	Shares	Roic	Revenue
10	10 AAPL	2012	1.96088e+11	6.617e+09	0.4201	1.56508e+11
11	11 AAPL	2013	2.07000e+11	6.522e+09	0.2608	1.70910e+11
136	136 NA	2012	4.475e+09	12	2.31839e+11	6.123e+09
181	181 NA	2012	0.2620	1.82795e+11	6.041e+09	31
246	246 NA	2012	4.51360e+10	6.660e+08	0.0507	8.90380e+10
480	480 NA	2012	5.91400e+09	NA	64	1.26947e+11
			NetIncome	ShareholdersEquity	PriceToEquityRatio	Eps
10	10 AAPL	2012	4.1733e+10	1.27346e+11	13.33	6.31
11	11 AAPL	2013	-0.095127483	11	3.7037e+10	1.29684e+11
136	136 NA	2012	13.24	5.68	0.008862213	12
181	181 NA	2012	3.9510e+10	1.23328e+11	16.71	6.45
246	246 NA	2012	-0.074606091	31	1.2230e+09	1.89200e+10
480	480 NA	2012	18.61	1.84	0.025514441	55
			9.7000e+07	5.83710e+09	26.60	0.76
10	10 AAPL	2012	-0.023103268	64	2.3060e+09	2.05800e+10
11	11 AAPL	2013	7.66	4.68	-0.007687815	Rf
136	136 NA	2012	Rm	Rf	Beta	AlphaJensen
181	181 NA	2012	1e-04	0.0119	-0.095227483	0.0118
246	246 NA	2012	1.67431042	-0.11498435	11	0e+00
480	480 NA	2012	0.0281	-0.05332218	0.01036057	12
			0e+00	-0.0006	-0.074606091	-0.0006
10	10 AAPL	2012	1.99369967	-0.07340987	31	1e-04
11	11 AAPL	2013	0.025414441	0.0118	0.04167846	0.02492264
136	136 NA	2012	55	1e-04	0.0119	-0.023203268
181	181 NA	2012	0.0118	0.40827036	-0.02802086	64
246	246 NA	2012	1e-04	0.0119	-0.007787815	0.0118
480	480 NA	2012	0.55713590	-0.01436202	CostEquity	TobinsQ
			StockPriceClose	Volume	YearNewsWeekGR	
10	10 AAPL	2012	0.0198568629	2.42	72.79857	88569600
11	11 AAPL	2013	-0.0014983532	2.18	NA	NA
136	136 NA	2012	-0.0011962198	2.54	NA	NA
181	181 NA	2012	2016	31	0.0005918058	0.27
246	246 NA	2012	27.06000	4319300	2014	55
480	480 NA	2012	0.0049175902	0.70	89.04000	592200
			2014	64	0.0066742036	0.14
10	10 AAPL	2012	39.86000	2042000	2014	RankNewsWeekGR
11	11 AAPL	2013	GreenScore	EnergyProductivity	CarbonProductivity	10
136	136 NA	2012	48	0.57	0.92	0.96
181	181 NA	2012	11	12	0.75	0.11
246	246 NA	2012	0.13	12	14	0.74
480	480 NA	2012	0.10	0.15	31	307
			0.19	0.06	0.09	55
10	10 AAPL	2012	1	0.85	0.72	0.85
11	11 AAPL	2013	64	84	0.49	0.19
136	136 NA	2012	0.21	WaterProductivity	WasteProductivity	Green.Revenue
181	181 NA	2012	SustainabilityPayLink	10	0.96	0.94
246	246 NA	2012	0.01	0	11	0.11
480	480 NA	2012	0.14	0.11	1	12
			0.12	0.11	0.11	1
10	10 AAPL	2012	31	0.55	0.00	0.19
11	11 AAPL	2013	0	55	0.61	

0.82 1.00 1 64 0.31 0.72 0.87 0 SustainableThemedCommitment AuditScore GisSector 10 0 0 Information
 Technology 11 0 1 Information Technology 12 0 1 Information Technology 31 1 0 Consumer Staples 55 1 1
 Health Care 64 1 1 Financials GicsClassification Index 10 7 4 11 7 4 12 7 4 31 2 11 55 5 19 64 4 22 X Ticker Year
 Roa Roe DebtToEquityRatio NetMargin 244 244 CHTR 2012 -0.0195 -1.0896 85.96 -0.0405 245 245 CHTR
 2013 -0.0103 -1.1267 93.91 -0.0207 246 246 CHTR 2014 -0.0087 -1.2323 143.99 -0.0201 261 261 CLX 2014
 0.1302 3.7200 10.36 0.0998 649 649 LMT 2012 0.0717 5.2788 157.90 0.0582 655 655 LNG 2012 -0.0881 -5.1821
 4.25 -1.2500 PayoutRatio TotalAssets Shares Roic Revenue 244 NA 1.5600e+10 9.00e+07 0.0218 7.5040e+09
 245 NA 1.7300e+10 9.20e+07 -0.0124 8.1550e+09 246 NA 2.4390e+10 9.80e+07 -0.0103 9.1080e+09 261
 0.638 4.2580e+09 1.32e+08 0.2501 5.5140e+09 649 0.496 3.8657e+10 3.28e+08 0.4303 4.7182e+10 655 NA
 4.6390e+09 1.82e+08 -0.0553 2.6600e+08 ResearchAndDevelopment NetIncome ShareholdersEquity 244 NA
 -304000000 NA 245 NA -169000000 NA 246 NA -183000000 NA 261 1.25e+08 558000000 2.81e+08 649
 NA 2745000000 3.90e+07 655 NA -333000000 NA PriceToEquityRatio Eps Ra Rf Rm Ra_Rf Rm_Rf 244
 NA -3.37 0.07332130 1e-04 0.0119 0.07322130 0.0118 245 NA -1.82 0.01221224 0e+00 0.0281 0.01221224
 0.0281 246 NA -1.88 -0.01831641 0e+00 -0.0006 -0.01831641 -0.0006 261 27.78 4.23 0.02516777 0e+00 -0.0006
 0.02516777 -0.0006 649 10.51 8.36 -0.01088434 1e-04 0.0119 -0.01098434 0.0118 655 NA -1.83 0.11141370 1e-04
 0.0119 0.11131370 0.0118 Beta AlphaJensen CostEquity TobinsQ StockPriceClose Volume 244 0.3287130
 0.069342482 0.0039788133 1.33 73.58 443400 245 0.3478115 0.002438737 0.0097735020 1.65 NA NA 246
 0.3709959 -0.018093817 -0.0002225975 1.60 NA NA 261 0.1943379 0.025284369 -0.0001166027 3.27 NA NA
 649 1.0130601 -0.022938454 0.0120541095 0.88 91.34 1612200 655 3.4208137 0.070948098 0.0404656019 1.25
 18.25 3758800 YearNewsWeekGR RankNewsWeekGR GreenScore EnergyProductivity 244 2014 435 0.00 0.00
 245 2015 364 0.16 0.00 246 2016 392 0.18 0.00 261 2016 45 0.64 0.07 649 2014 45 0.58 0.49 655 2014 348 0.15
 0.00 CarbonProductivity WaterProductivity WasteProductivity Green.Revenue 244 0.00 0.00 0.00 0.00 245
 0.00 0.00 0.00 0.16 246 0.02 0.00 0.00 0.16 261 0.06 0.07 0.12 0.12 649 0.56 0.63 0.87 0.00 655 0.00 0.00 0.00
 0.76 SustainabilityPayLink SustainableThemedCommitment AuditScore 244 0 0 0 245 0 0 0 246 0 0 0 261 1 1
 1 649 1 1 1 655 0 0 0 GisSector GicsClassification Index 244 Consumer Discretionary 1 82 245 Consumer
 Discretionary 1 82 246 Consumer Discretionary 1 82 261 Consumer Staples 2 87 649 Industrials 6 217 655
 Energy 3 219 X Ticker Year Roa Roe DebtToEquityRatio NetMargin 10 10 AAPL 2012 0.2854 0.4284 0.00
 0.2667 25 25 ADBE 2012 0.0878 0.1338 0.22 0.1891 61 61 AKAM 2012 0.0825 0.0906 0.00 0.1485 92 92 ANDV
 2013 0.0342 0.0963 0.66 0.0110 124 124 BAC 2012 0.0013 0.0128 1.26 0.0339 136 136 BBY 2012 -0.0727
 -0.2379 0.45 -0.0243 PayoutRatio TotalAssets Shares Roic Revenue 10 0.1191 1.960880e+11 6.6170e+09 0.4201
 1.56508e+11 25 NA 1.004000e+10 5.0300e+08 0.1119 4.40400e+09 61 0.0000 2.600627e+09 1.8200e+08 0.0888
 1.37400e+09 92 0.2480 1.339000e+10 1.3700e+08 0.0782 3.76010e+10 124 0.1600 2.209974e+12 1.0841e+10 NA
 8.12640e+10 136 NA 1.756000e+10 3.7500e+08 -0.1604 4.54570e+10 ResearchAndDevelopment NetIncome
 ShareholdersEquity 10 NA 41733000000 127346000000 25 NA 833000000 NA 61 NA 204000000 2345754000
 92 NA 412000000 NA 124 NA 4188000000 236956000000 136 NA -1231000000 NA PriceToEquityRatio
 Eps Ra Rf Rm Ra_Rf Rm_Rf 10 13.33 6.31 -0.095127483 1e-04 0.0119 -0.095227483 0.0118 25 NA 1.66
 0.084986763 1e-04 0.0119 0.084886763 0.0118 61 35.17 1.12 0.110780020 1e-04 0.0119 0.110680020 0.0118 92
 NA 3.00 -0.002219805 0e+00 0.0281 -0.002219805 0.0281 124 27.03 0.25 0.164390120 1e-04 0.0119 0.164290120
 0.0118 136 NA -3.36 -0.087197564 1e-04 0.0119 -0.087297564 0.0118 Beta AlphaJensen CostEquity TobinsQ
 StockPriceClose Volume 10 1.674310 -0.11498435 0.01985686 2.42 72.79857 88569600 25 1.173931 0.07103438
 0.01395238 1.54 36.90000 3171600 61 1.577944 0.09206028 0.01871974 2.60 40.40000 1633600 92 3.532220
 -0.10147519 0.09925538 0.64 NA NA 124 2.837900 0.13080290 0.03358722 0.11 11.36000 131872200 136
 2.115042 -0.11225506 0.02505750 0.32 11.29000 4483400 YearNewsWeekGR RankNewsWeekGR GreenScore
 EnergyProductivity 10 2014 48 0.57 0.92 25 2014 2 0.84 0.83 61 2014 164 0.39 0.03 92 2015 472 0.06 0.00
 124 2014 262 0.27 0.12 136 2014 81 0.50 0.68 CarbonProductivity WaterProductivity WasteProductivity
 Green.Revenue 10 0.96 0.96 0.94 0.01 25 0.87 0.99 0.92 0.51 61 0.12 0.00 0.68 0.82 92 0.00 0.00 0.00 0.01
 124 0.20 0.05 0.04 0.02 136 0.60 0.00 0.72 0.49 SustainabilityPayLink SustainableThemedCommitment
 AuditScore 10 0 0 0 25 1 1 1 61 0 1 1 92 0 1 0 124 1 1 1 136 0 1 1 GisSector GicsClassification Index
 10 Information Technology 7 4 25 Information Technology 7 9 61 Information Technology 7 21 92 Energy
 3 31 124 Financials 4 42 136 Consumer Discretionary 1 46 X Ticker Year Roa Roe DebtToEquityRatio
 NetMargin PayoutRatio 12 12 AAPL 2014 0.1801 0.3361 0.26 0.2161 0.285 39 39 ADS 2014 0.0302 0.3114
 3.39 0.0955 0.000 63 63 AKAM 2014 0.0960 0.1198 0.21 0.1700 0.000 68 68 ALXN 2013 0.0853 0.1162
 0.07 0.1630 0.000 72 72 AMAT 2014 0.0850 0.1434 0.25 0.1182 0.494 90 90 AMZN 2014 -0.0051 -0.0235
 1.16 -0.0027 NA TotalAssets Shares Roic Revenue ResearchAndDevelopment 12 231839000000 6.123e+09

0.2620 1.82795e+11 6.041e+09 39 20263977000 6.200e+07 0.0665 5.30200e+09 NA 63 4001546000 1.810e+08
 0.0997 1.96400e+09 1.250e+08 68 3317696000 2.000e+08 0.1052 1.55100e+09 3.170e+08 72 13170000000
 1.231e+09 0.1194 9.07200e+09 1.428e+09 90 54505000000 4.620e+08 -0.0068 8.89880e+10 NA NetIncome
 ShareholdersEquity PriceToEquityRatio Eps Ra Rf 12 3.951e+10 123328000000 16.71 6.45 -0.0746060911
 0 39 5.060e+08 2396380000 29.78 7.87 0.0006293493 0 63 3.340e+08 2945335000 33.66 1.84 -0.0258696248
 0 68 2.530e+08 2382079000 66.66 1.27 0.0651407870 0 72 1.072e+09 NA NA 0.87 0.0355356130 0 90 -
 2.410e+08 10741000000 NA -0.52 -0.0872369283 0 Rm Ra_Rf Rm_Rf Beta AlphaJensen CostEquity 12
 -0.0006 -0.0746060911 -0.0006 1.993700 -0.073409871 -0.001196220 39 -0.0006 0.0006293493 -0.0006 2.870239
 0.002351493 -0.001722144 63 -0.0006 -0.0258696248 -0.0006 2.202344 -0.024548218 -0.001321407 68 0.0281
 0.0651407870 0.0281 2.376153 -0.001629114 0.066769901 72 -0.0006 0.0355356130 -0.0006 2.588269 0.037088574
 -0.001552961 90 -0.0006 -0.0872369283 -0.0006 1.983912 -0.086046581 -0.001190347 TobinsQ StockPriceClose
 Volume YearNewsWeekGR RankNewsWeekGR GreenScore 12 2.54 NA NA 2016 14 0.74 39 0.93 NA NA
 2016 343 0.21 63 2.72 NA NA 2016 58 0.62 68 7.43 NA NA 2015 355 0.17 72 1.88 NA NA 2016 65 0.60 90
 2.74 NA NA 2016 387 0.18 EnergyProductivity CarbonProductivity WaterProductivity 12 0.10 0.15 0.12
 39 0.00 0.05 0.00 63 0.05 0.04 0.00 68 0.00 0.00 0.00 72 0.10 0.10 0.09 90 0.00 0.06 0.00 WasteProductivity
 Green.Revenue SustainabilityPayLink 12 0.11 0.11 1 39 0.00 0.16 0 63 0.15 0.18 1 68 0.00 0.17 0 72 0.03 0.13
 1 90 0.00 0.12 0 SustainableThemedCommitment AuditScore GisSector 12 0 1 Information Technology 39 0 0
 Information Technology 63 1 1 Information Technology 68 0 0 Health Care 72 1 0 Information Technology 90
 0 0 Consumer Discretionary GicsClassification Index 12 7 4 39 7 13 63 7 21 68 5 23 72 7 24 90 1 30

Warning in log(TobinsQ): production de NaN

Warning in log(TobinsQ): production de NaN

Warning in log(TobinsQ): production de NaN

Table 1: Model 1 - Energy

	<i>Dependent variable:</i>	
	Roa	
	(1)	(2)
SustainabilityPayLink	0.004 (0.003)	0.004* (0.002)
SustainableThemedCommitment	0.005 (0.004)	0.005 (0.003)
AuditScore	-0.001 (0.004)	0.002 (0.003)
CarbonProductivity	0.005 (0.010)	0.006 (0.008)
EnergyProductivity	0.006 (0.009)	0.010 (0.007)
WaterProductivity	-0.005 (0.008)	-0.013** (0.006)
WasteProductivity	-0.001 (0.007)	0.002 (0.006)
log(TotalAssets)	-0.016*** (0.002)	-0.017*** (0.002)
NetMargin	0.252*** (0.008)	0.269*** (0.010)
Beta	0.001 (0.001)	0.001 (0.001)
DebtToEquityRatio	0.00004 (0.0001)	-0.001** (0.0003)
AlphaJensen	0.004 (0.018)	0.009 (0.014)
GicsClassification	-0.003*** (0.001)	-0.003*** (0.001)
Constant	0.424*** (0.043)	0.457*** (0.038)
Observations	1,067	1,046
R ²	0.471	0.478
Adjusted R ²	0.465	0.471
F Statistic	72.139*** (df = 13; 1053)	72.571*** (df = 13; 1032)

Note:

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

Table 2: Model 1 - No Energy

	<i>Dependent variable:</i>	
	Roa	
	(1)	(2)
SustainabilityPayLink	0.004 (0.003)	0.004 (0.002)
SustainableThemedCommitment	0.006 (0.004)	0.005 (0.003)
AuditScore	−0.001 (0.004)	0.002 (0.003)
CarbonProductivity	0.011* (0.007)	0.016*** (0.005)
WaterProductivity	−0.004 (0.007)	−0.012** (0.006)
WasteProductivity	−0.002 (0.007)	0.001 (0.006)
log(TotalAssets)	−0.016*** (0.002)	−0.018*** (0.002)
NetMargin	0.252*** (0.008)	0.269*** (0.010)
Beta	0.001 (0.001)	0.001 (0.001)
DebtToEquityRatio	0.00004 (0.0001)	−0.001** (0.0003)
AlphaJensen	0.004 (0.018)	0.009 (0.014)
GicsClassification	−0.003*** (0.001)	−0.003*** (0.001)
Constant	0.425*** (0.043)	0.458*** (0.038)
Observations	1,067	1,046
R ²	0.471	0.476
Adjusted R ²	0.465	0.470
F Statistic	78.104*** (df = 12; 1054)	78.302*** (df = 12; 1033)

Note:

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

Table 3: Model 1 - Short Version

	<i>Dependent variable:</i>
	Roa
SustainabilityPayLink	0.002 (0.002)
SustainableThemedCommitment	0.005* (0.003)
AuditScore	0.002 (0.003)
log(TotalAssets)	-0.017*** (0.002)
NetMargin	0.267*** (0.010)
Beta	0.001 (0.001)
DebtToEquityRatio	-0.001** (0.0003)
AlphaJensen	0.011 (0.014)
GicsClassification	-0.003*** (0.001)
Constant	0.457*** (0.038)
Observations	1,046
R ²	0.471
Adjusted R ²	0.467
F Statistic	102.657*** (df = 9; 1036)
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 4: Model 1 - Short Version

	<i>Dependent variable:</i>
	Roa
CarbonProductivity	0.013*** (0.005)
WaterProductivity	−0.011* (0.006)
WasteProductivity	0.001 (0.006)
log(TotalAssets)	−0.016*** (0.002)
NetMargin	0.268*** (0.010)
Beta	0.001 (0.001)
DebtToEquityRatio	−0.001** (0.0003)
AlphaJensen	0.009 (0.014)
GicsClassification	−0.003*** (0.001)
Constant	0.434*** (0.037)
Observations	1,046
R ²	0.472
Adjusted R ²	0.468
F Statistic	103.050*** (df = 9; 1036)
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 5: Model 2 - Comparaison with and without outliers

	<i>Dependent variable:</i>	
	log(TobinsQ)	
	(1)	(2)
SustainabilityPayLink	0.066** (0.032)	0.049* (0.029)
SustainableThemedCommitment	0.080* (0.045)	0.093** (0.040)
AuditScore	0.105** (0.043)	0.133*** (0.038)
CarbonProductivity	−0.334*** (0.069)	−0.345*** (0.063)
WaterProductivity	−0.059 (0.077)	−0.067 (0.072)
WasteProductivity	−0.213*** (0.076)	−0.123* (0.074)
log(TotalAssets)	−0.376*** (0.025)	−0.401*** (0.023)
NetMargin	0.096 (0.098)	0.317*** (0.101)
Beta	−0.029** (0.013)	−0.014 (0.012)
DebtToEquityRatio	0.0001 (0.002)	0.003 (0.003)
AlphaJensen	0.048 (0.192)	−0.065 (0.176)
GicsClassification	−0.016 (0.013)	−0.019* (0.012)
Constant	9.134*** (0.602)	9.705*** (0.543)
Observations	992	948
R ²	0.274	0.324
Adjusted R ²	0.266	0.315
F Statistic	30.865*** (df = 12; 979)	37.328*** (df = 12; 935)

Note:

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

Table 6: Model 3 - Comparaison with and without outliers

	<i>Dependent variable:</i>	
	Roe	
	(1)	(2)
SustainabilityPayLink	0.038 (0.028)	0.021 (0.013)
SustainableThemedCommitment	0.057 (0.035)	0.031* (0.017)
AuditScore	0.013 (0.034)	0.010 (0.016)
CarbonProductivity	0.040 (0.067)	0.029 (0.030)
WaterProductivity	−0.009 (0.076)	−0.007 (0.034)
WasteProductivity	0.007 (0.074)	−0.035 (0.033)
log(TotalAssets)	−0.047*** (0.014)	−0.037*** (0.007)
NetMargin	0.932*** (0.081)	0.769*** (0.043)
Beta	−0.012 (0.013)	0.009 (0.006)
DebtToEquityRatio	0.020*** (0.001)	0.004 (0.003)
AlphaJensen	−0.118 (0.183)	−0.062 (0.082)
GicsClassification	−0.004 (0.007)	−0.007* (0.004)
Constant	1.159*** (0.332)	0.976*** (0.174)
Observations	1,065	1,055
R ²	0.230	0.262
Adjusted R ²	0.221	0.253
F Statistic	26.143*** (df = 12; 1052)	30.786*** (df = 12; 1042)

Note:

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

Table 7: Model 4 - Comparaison with and without outliers

	<i>Dependent variable:</i>	
	AlphaJensen	
	(1)	(2)
SustainabilityPayLink	−0.005 (0.003)	−0.005 (0.003)
SustainableThemedCommitment	0.005 (0.003)	0.005* (0.003)
AuditScore	−0.003 (0.003)	−0.001 (0.003)
CarbonProductivity	−0.002 (0.010)	−0.003 (0.009)
WaterProductivity	−0.011 (0.012)	−0.007 (0.011)
WasteProductivity	0.017 (0.011)	0.005 (0.011)
log(TotalAssets)	0.001 (0.001)	0.0005 (0.001)
NetMargin	−0.016* (0.009)	−0.006 (0.009)
Beta	−0.008*** (0.002)	−0.006*** (0.002)
DebtToEquityRatio	−0.0001 (0.0002)	−0.0002 (0.0002)
GicsClassification	0.001 (0.001)	0.001 (0.0005)
Constant	−0.012 (0.026)	−0.003 (0.022)
Observations	1,067	1,020
R ²	0.026	0.020
Adjusted R ²	0.016	0.009
F Statistic	2.535*** (df = 11; 1055)	1.835** (df = 11; 1008)

Note:

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

Table 8: Model 5 - Comparaison with and without outliers

	<i>Dependent variable:</i>	
	Ra	
	(1)	(2)
SustainabilityPayLink	−0.0002 (0.001)	−0.0004 (0.001)
SustainableThemedCommitment	0.0002 (0.001)	0.001 (0.001)
AuditScore	0.001 (0.001)	0.001 (0.001)
CarbonProductivity	−0.006* (0.003)	−0.005* (0.003)
WaterProductivity	0.00001 (0.004)	−0.001 (0.003)
WasteProductivity	0.001 (0.004)	0.002 (0.003)
log(TotalAssets)	0.0004 (0.0004)	0.0001 (0.0003)
NetMargin	−0.002 (0.003)	−0.0003 (0.003)
Beta	0.012*** (0.001)	0.011*** (0.001)
DebtToEquityRatio	0.00000 (0.0001)	−0.00001 (0.0001)
AlphaJensen	0.959*** (0.010)	0.968*** (0.009)
GicsClassification	0.0001 (0.0002)	0.0001 (0.0001)
Constant	−0.008 (0.008)	−0.001 (0.007)
Observations	1,067	1,015
R ²	0.903	0.924
Adjusted R ²	0.902	0.923
F Statistic	816.867*** (df = 12; 1054)	1,010.773*** (df = 12; 1002)

Note:

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

Table 9: Hausman Test PValue

Model	P-Value
Model 1 without outliers	0.1333
Model 2 without outliers	0
Model 3 without outliers	0
Model 5 without outliers	0.011

Table 10: Fixed Effect Model - NoOutlier NoEnergy (1/2)

	<i>Dependent variable:</i>		
	Roa (1)	log(TobinsQ) (2)	Roe (3)
SustainabilityPayLink	0.002 (0.002)	0.029 (0.029)	0.001 (0.014)
SustainableThemedCommitment	−0.003 (0.004)	0.082* (0.045)	0.010 (0.023)
AuditScore	−0.0004 (0.004)	0.129*** (0.042)	−0.003 (0.022)
CarbonProductivity	0.014*** (0.005)	−0.337*** (0.060)	0.002 (0.030)
WaterProductivity	−0.012** (0.006)	−0.067 (0.067)	−0.012 (0.033)
WasteProductivity	−0.001 (0.006)	−0.124* (0.070)	−0.028 (0.032)
log(TotalAssets)	−0.010* (0.005)	0.103* (0.061)	−0.068** (0.029)
NetMargin	0.274*** (0.010)	0.080 (0.102)	0.773*** (0.049)
Beta	0.001 (0.001)	−0.005 (0.012)	0.006 (0.005)
DebtToEquityRatio	−0.001* (0.001)	0.001 (0.003)	−0.024*** (0.004)
AlphaJensen	0.013 (0.014)	0.153 (0.165)	−0.028 (0.078)
Observations	1,046	948	1,055
R ²	0.525	0.239	0.307
Adjusted R ²	0.265	−0.195	−0.070
F Statistic	67.937*** (df = 11; 675)	17.235*** (df = 11; 603)	27.461*** (df = 11; 683)

Note:

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

Table 11: Fixed Effect Model - NoOutlier NoEnergy (2/2)

	<i>Dependent variable:</i>
	Ra
SustainabilityPayLink	0.001 (0.002)
SustainableThemedCommitment	0.003 (0.004)
AuditScore	-0.001 (0.003)
CarbonProductivity	-0.008* (0.005)
WaterProductivity	0.002 (0.005)
WasteProductivity	0.001 (0.005)
log(TotalAssets)	-0.021*** (0.005)
NetMargin	-0.003 (0.008)
Beta	0.010*** (0.001)
DebtToEquityRatio	-0.00003 (0.0001)
AlphaJensen	0.954*** (0.013)
Observations	1,015
R ²	0.897
Adjusted R ²	0.837
F Statistic	507.574*** (df = 11; 641)
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

Table 12: Best RE Model - No out 1/2

	<i>Dependent variable:</i>	
	Roa (1)	Roe (2)
SustainabilityPayLink	0.004 (0.002)	0.021 (0.013)
SustainableThemedCommitment	0.005 (0.003)	0.031* (0.017)
AuditScore	0.002 (0.003)	0.010 (0.016)
CarbonProductivity	0.016*** (0.005)	0.029 (0.030)
WaterProductivity	-0.012** (0.006)	-0.007 (0.034)
WasteProductivity	0.001 (0.006)	-0.035 (0.033)
log(TotalAssets)	-0.018*** (0.002)	-0.037*** (0.007)
NetMargin	0.269*** (0.010)	0.769*** (0.043)
Beta	0.001 (0.001)	0.009 (0.006)
DebtToEquityRatio	-0.001** (0.0003)	0.004 (0.003)
AlphaJensen	0.009 (0.014)	-0.062 (0.082)
GicsClassification	-0.003*** (0.001)	-0.007* (0.004)
Constant	0.458*** (0.038)	0.976*** (0.174)
Observations	1,046	1,055
R ²	0.476	0.262
Adjusted R ²	0.470	0.253
F Statistic	78.302*** (df = 12; 1033)	30.786*** (df = 12; 1042)

Note:

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

Table 13: Best RE Model - No out 2/2

	<i>Dependent variable:</i>	
	log(TobinsQ)	Ra
	(1)	(2)
SustainabilityPayLink	0.049* (0.029)	−0.0004 (0.001)
SustainableThemedCommitment	0.093** (0.040)	0.001 (0.001)
AuditScore	0.133*** (0.038)	0.001 (0.001)
CarbonProductivity	−0.345*** (0.063)	−0.005* (0.003)
WaterProductivity	−0.067 (0.072)	−0.001 (0.003)
WasteProductivity	−0.123* (0.074)	0.002 (0.003)
log(TotalAssets)	−0.401*** (0.023)	0.0001 (0.0003)
NetMargin	0.317*** (0.101)	−0.0003 (0.003)
Beta	−0.014 (0.012)	0.011*** (0.001)
DebtToEquityRatio	0.003 (0.003)	−0.00001 (0.0001)
AlphaJensen	−0.065 (0.176)	0.968*** (0.009)
GicsClassification	−0.019* (0.012)	0.0001 (0.0001)
Constant	9.705*** (0.543)	−0.001 (0.007)
Observations	948	1,015
R ²	0.324	0.924
Adjusted R ²	0.315	0.923
F Statistic	37.328*** (df = 12; 935)	1,010.773*** (df = 12; 1002)

Note:

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