

APPENDIX

Company Prediction

MEDIATEK

As per our pest model we predict that MEDIATEK will go bankrupt,
as per the Taiwanese bankruptcy rules

Tax Rate = Total Tax / Taxable Income

Total Expense = Revenue - Income

Book Value per share = Total Equity / outstanding shares

Stockholders Equity = Total Assets - Total Liabilities

* resclaed for format of existing data

** we use the mean of the test column for the two missing values as they were not publicly available

Company Name - MediaTek Inc.

X15 - Tax rate (A): Effective Tax Rate	X15	0.1262
X18 - Net Value Per Share (C): Book Value Per Share(C)	X18	0.0003
X19 - Persistent EPS in the Last Four Seasons: EPS-Net Income	X19**	0.2292
X37 - Debt ratio %: Liability/Total Assets	X37	0.2718
X40 - Borrowing dependency: Cost of Interest-bearing Debt	X40**	0.3743
X52 - Operating profit per person: Operation Income Per Employee	X52*	0.8211
X54 - Working Capital to Total Assets	X54	0.2565
X60 - Current Liability to Assets	X60	0.2327
X65 - Working Capital/Equity	X65	0.3523
X66 - Current Liabilities/Equity	X66	0.3195
X68 - Retained Earnings to Total Assets	X68	0.4985
X70 - Total expense/Assets.	X70	0.7078
X82 - CFO to Assets	X82	0.2369
X85 - Liability-Assets Flag: 1 if Total Liability exceeds Total Assets, 0 otherwise	X85	0
X86 - Net Income to Total Assets	X86	0.1942
X89 - Gross Profit to Sales	X89	0.4666
X90 - Net Income to Stockholder's Equity	X90	0.2666
X91 - Liability to Equity	X91	0.3732

Total Liability	165,341
Current Assets	297,654
Total Assets	608,399
Working Capital	
Total Equity	443,058
Current Liabilities	141,570
Working Capital	156,084
Retained Earnings	303,275
Net Income	118,141
Sales or Revenue	548,796
Expense	430,655
Outstanding Shares	1,584,167,247
Operating Cash Flow	144,128
Stockholders Equity	443,058



we try to predict the bankruptcy of Mediatek Inc. since their share prices
 # have been dropping for the past year and eps is very low, However, the model did
 # not do very well since it predicted that mediatek will go bankrupt, which is not
 # likely since the company is doing financially well as of today. It must be mentioned
 # that the model is not 100% accurate.

Tax Rate = Total Tax / Taxable Income
 Total Expense = Revenue - Income
 Book Value per share = Total Equity / outstanding shares
 Stockholders Equity = Total Assets - Total Liabilities
 * resclaed for format of existing data
 ** we use the max of the test column for the two missing values as they were not publicly available and the comany

Company Name - MediaTek Inc.

X15 - Tax rate (A): Effective Tax Rate	X15	0.1262
X18 - Net Value Per Share (C): Book Value Per Share(C)	X18	2.7300
X19 - Persistent EPS in the Last Four Seasons: EPS-Net Income	X19**	0.7626
X37 - Debt ratio %: Liability/Total Assets	X37	0.2718
X40 - Borrowing dependency: Cost of Interest-bearing Debt	X40**	0.4427
X52 - Operating profit per person: Operation Income Per Employee	X52*	8.2106
X54 - Working Capital to Total Assets	X54	0.2565
X60 - Current Liability to Assets	X60	0.2327
X65 - Working Capital/Equity	X65	0.3523
X66 - Current Liabilities/Equity	X66	0.3195
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