

Fig 3: Summary of Variables Used in the Analysis

Explanatory Variable	Description
1 <i>asset_growth</i>	Asset growth (%) between Year T-2 and Year T-1
2 <i>asset_turnover</i>	Binary variable = 1 if sales growth (%) > asset growth (%) over the past year, otherwise 0
3 <i>assets_total</i>	Total assets
4 <i>bv_per_share</i>	Book value per share
5 <i>debt_assets</i>	Long term debt / Total assets
6 <i>debtpy_debt</i>	Binary variable = 1 if long term debt reported in Year T-1 < long term debt reported in Year T-2, otherwise 0
7 <i>ebitda</i>	Earnings before interest, taxes and depreciation (EBITDA)
8 <i>ebitda_ev</i>	EBITDA / Enterprise value
9 <i>ebitda_margin</i>	EBITDA / Revenue
10 <i>enterprise_value</i>	Enterprise value (defined as market capitalization + long term debt)
11 <i>gprofit_assets</i>	Gross profit / Total assets
12 <i>lt_debt_ev</i>	Long term debt / Enterprise value
13 <i>lt_debt_total</i>	Long term debt
14 <i>marketcap_t</i>	Market capitalization at the end of March in Year T ₀
15 <i>pb_index</i>	Deciles of [Price/Book] for each year
16 <i>price_book</i>	Price/Book
17 <i>prior_1yr_return</i>	Return from the end of March in Year T-1 to the end of March in Year T ₀ (including dividends)
18 <i>profit_index</i>	Deciles of [Gross profit / Total assets] for each year
19 <i>pyreturn_below_median</i>	Binary variable = 1 if the return of a stock in the past year was below the median of all stocks, otherwise 0
20 <i>pyreturn_index</i>	Deciles of prior one-year return for each year
21 <i>revenue</i>	Revenue (Sales)
22 <i>sales_growth</i>	Sales growth (%) between Year T-2 and Year T-1
23 <i>sharespy_shares</i>	Binary variable = 1 if there are fewer shares outstanding in Year T-1 vs Year T-2, otherwise 0
24 <i>size_index</i>	Deciles of market capitalization for each year
25 <i>value_index</i>	Deciles of [EBITDA / Enterprise value] for each year
Outcome Variable: FDP	Binary variable = 1 for companies that pay down debt over the next year, otherwise 0