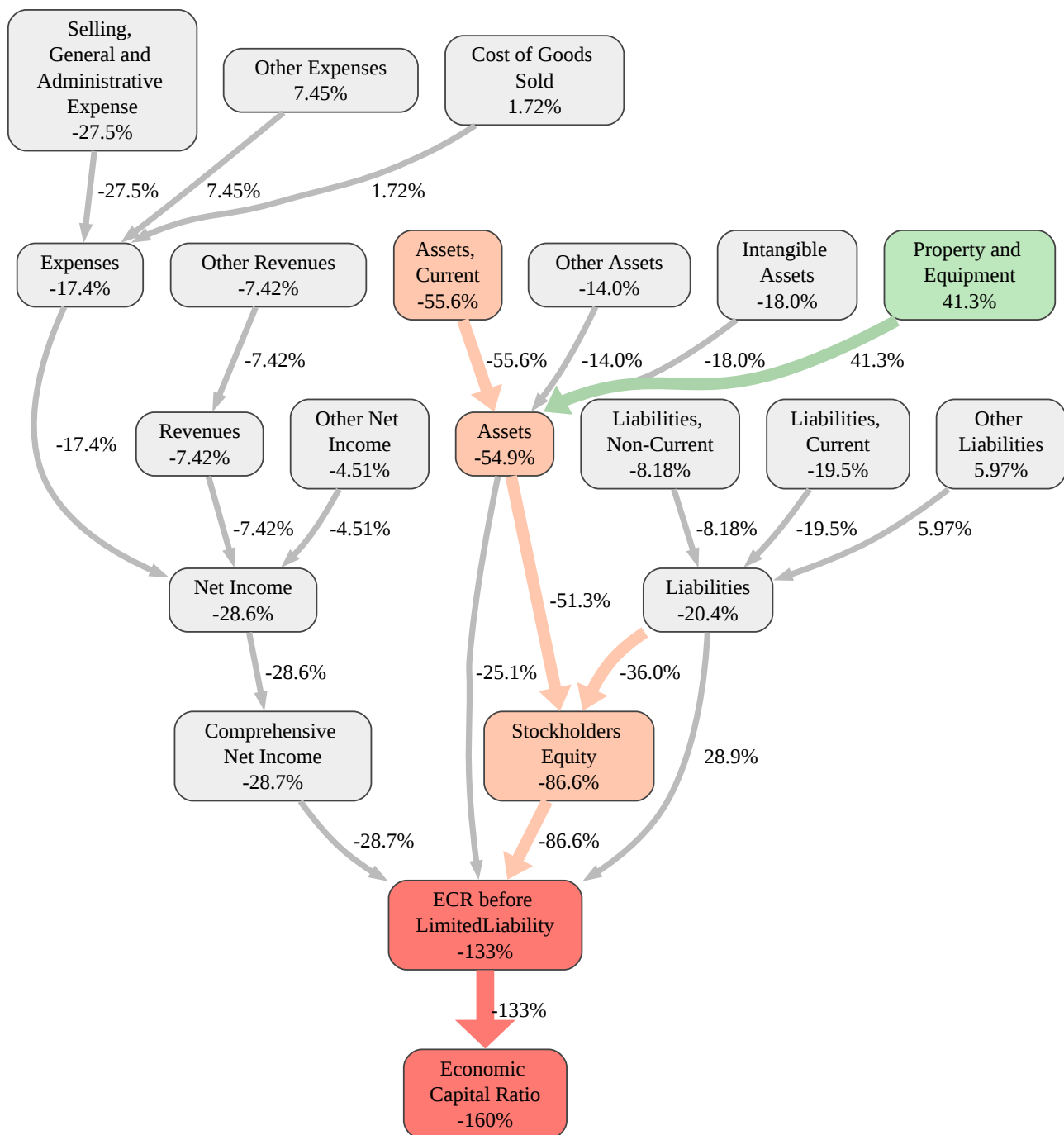




The relative strengths and weaknesses of Protea Biosciences Group Inc are analyzed with respect to the market average, including all of its competitors. We analyzed all variables having an effect on the Economic Capital Ratio.

The greatest strength of Protea Biosciences Group Inc compared to the market average is the variable Property and Equipment, increasing the Economic Capital Ratio by 41% points. The greatest weakness of Protea Biosciences Group Inc is the variable Stockholders Equity, reducing the Economic Capital Ratio by 87% points.

The company's Economic Capital Ratio, given in the ranking table, is 82%, being 160% points below the market average of 243%.

Input Variable	Value in 1000 USD
Assets, Current	2,509
Cost of Goods Sold	0
Intangible Assets	0
Liabilities, Current	6,225
Liabilities, Non-Current	2,204
Other Assets	23
Other Compr. Net Income	30
Other Expenses	0
Other Liabilities	0
Other Net Income	-1,093
Other Revenues	1,223
Property and Equipment	2,886
Research and Development	2,773
Selling, General and Administrative Expense	8,775

Output Variable	Value in 1000 USD
Assets	5,418
Liabilities	8,429
Expenses	11,548
Revenues	1,223
Stockholders Equity	-3,011
Net Income	-11,418
Comprehensive Net Income	-11,403
BaseVar	13,871
ECR before LimitedLiability	-260%
Economic Capital Ratio	82%