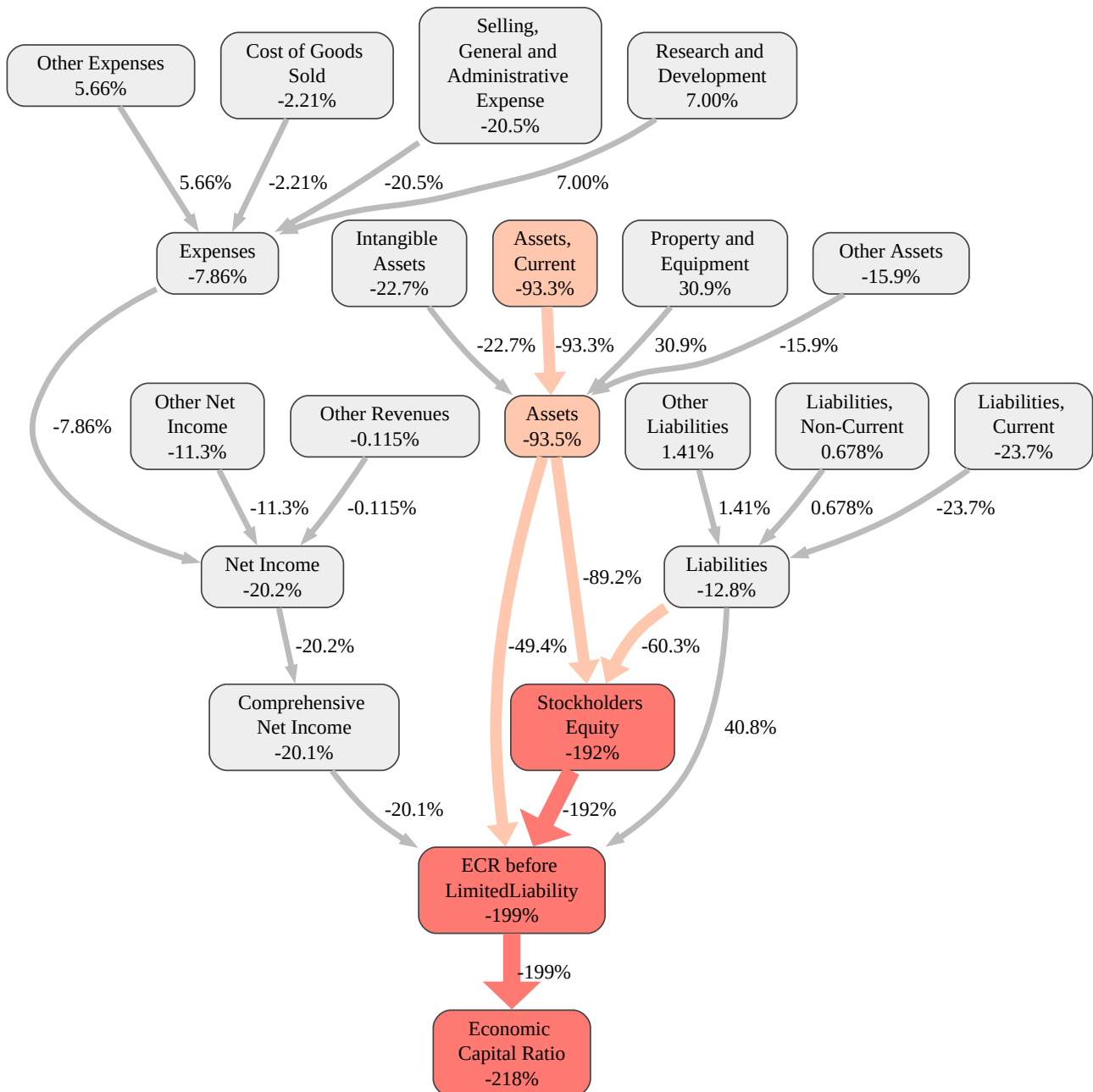




The relative strengths and weaknesses of Protea Biosciences Group Inc are analyzed with respect to the market average, including all of its competitors. We analyzed all variables having an effect on the Economic Capital Ratio.

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 31% points. The greatest weakness of Protea Biosciences Group Inc is the variable Stockholders Equity, reducing the Economic Capital Ratio by 192% points.

The company's Economic Capital Ratio, given in the ranking table, is 45%, being 218% points below the market average of 263%.

Input Variable	Value in 1000 USD
Assets, Current	412
Cost of Goods Sold	722
Intangible Assets	0
Liabilities, Current	9,590
Liabilities, Non-Current	0
Other Assets	5.2
Other Compr. Net Income	0.43
Other Expenses	0
Other Liabilities	0
Other Net Income	-2,434
Other Revenues	2,003
Property and Equipment	2,627
Research and Development	1,479
Selling, General and Administrative Expense	6,942

Output Variable	Value in 1000 USD
Assets	3,044
Liabilities	9,590
Expenses	9,143
Revenues	2,003
Stockholders Equity	-6,546
Net Income	-9,574
Comprehensive Net Income	-9,574
BaseVar	13,108
ECR before LimitedLiability	-377%
Economic Capital Ratio	45%