

Finance

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Contents

1 Asset Liability Management

1.1 Kapital

1.1.1 Table

History of the Kapital is available in the database (select * from kapital)

1.1.2 Graph

A graph of the kapital and not income and charges cumulated should be easy to build. Say a readKapital which would select the cash balance + all the other stuff like assets - liabilities
Better do it with Latex than with the C++

1.1.3 History

Historical graph of the kapital, liab and assets, yearly ALM management

1.1.4 Definitions

Vp: value weight (basically the value of the asset against the total value - to be replaced by InitPrice)

Rp: return weight (the return compared to the total returns)

Cp: cost weight (the maintenance cost compared to the total maintenance)

Vd: historical deprecation of value (the Value compared to the InitPrice)

R/V: monthly rentability (the return minus the maintenance)

1.1.5 Ratios

$V_p = \text{value} / \text{Totalvalue}$

$R_p = \text{return} / \text{Totalreturn}$

$C_p = \text{cost} / \text{Totalmaintenance}$

$V_d = \text{value} / \text{Initprice}$

$R/V = \text{return} / \text{Value}$

1.1.6 Formulas

$$\lim_{x \rightarrow \infty} \exp(-x) = 0$$

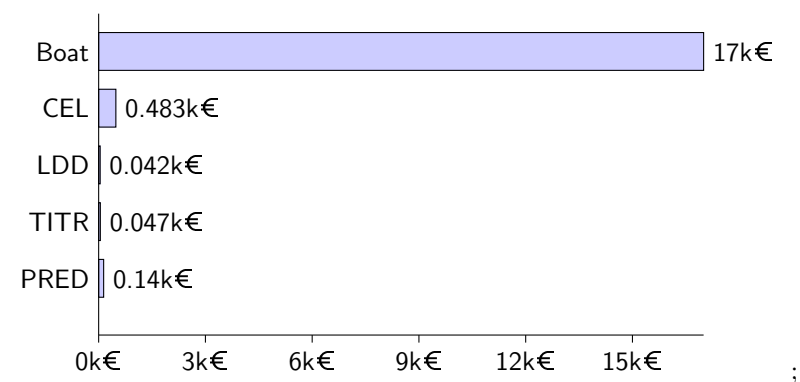
1.2 Assets

1.2.1 Data

The top 5 assets are listed sorted by value, but the totals are given for all the assets as of today

Assets											
Type	Name	Maturity	Value	Return	Cost	InitPrice	vp	rp	mp	dv	PnL(R/V)
Boat	Acquisition	2013-01-07	17000	50	400	30000	72	0	3	56	0
CEL	Acquisition	2013-01-07	483	50	400	30000	2	0	3	1	0
LDD	Acquisition	2013-01-07	42	50	400	30000	0	0	3	0	0
TITR	Acquisition	2013-01-07	47	50	400	30000	0	0	3	0	0
PRED	Acquisition	2013-01-07	140	50	400	30000	0	0	3	0	0
...
	Total assets	272834	23408	7991	10267						-2276

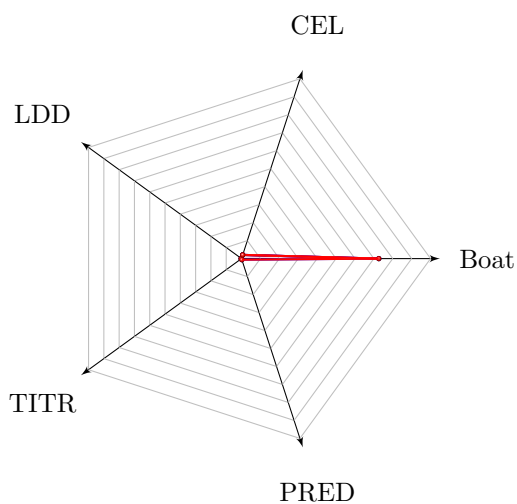
1.2.2 Graph



1.2.3 Cheese

€€€€€

1.2.4 Kiviat



Seems like the assets Cheese

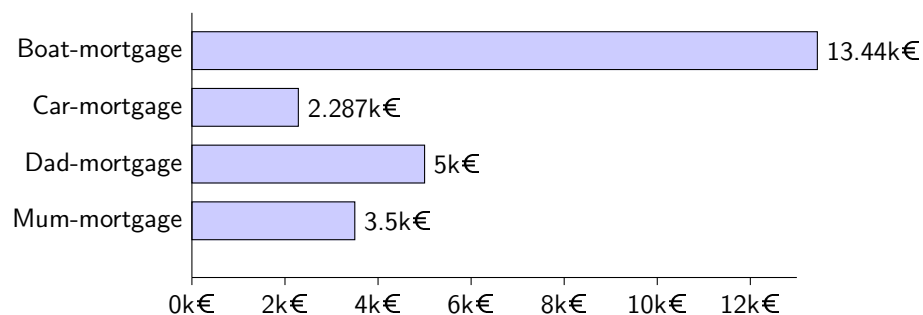
1.3 Liabilities

The top 4 liabilities are listed but the totals are given for all the liabilities

1.3.1 Table

Liabilities											
Type	Name	InitPrice	Value	Return	Cost	Maturity	vp	rp	mp	dv	PnL
Boat-mortgage	mortgage	30000	13440	0	1	2013-01-07	55	0	25	44	0
Car-mortgage	mortgage	7000	2287	0	1	2013-01-07	9	0	25	32	0
Dad-mortgage	mortgage	5000	5000	0	1	2013-01-07	20	0	25	100	0
Mum-mortgage	mortgage	3500	3500	0	1	2013-01-07	14	0	25	100	0
...
	Total	45500	24227	0	4						-4

1.3.2 Graph



1.3.3 Chart

1.3.4 Cheese

€€€€

2 Cashflows

All cashflows from history are being used here

2.0.5 Table

Cashflows			
Category	Debit	Credit	PnL
Debt	21209	0	-21209
Other	13551	0	-13551
Bank	8111	0	-8111
Food	7962	0	-7962
Cash	7231	0	-7231
Cmb	6866	-963	-7829
Toxics	5635	0	-5635
Rent	2582	0	-2582
Telephone	1073	0	-1073
Car	918	0	-918
...
Total	72837	83304	10467

2.0.6 Graph