

RELATÓRIO DE INVESTIMENTOS PREVI NOVARTIS

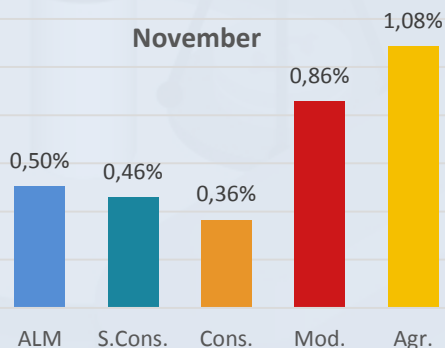
December 14th, 2018



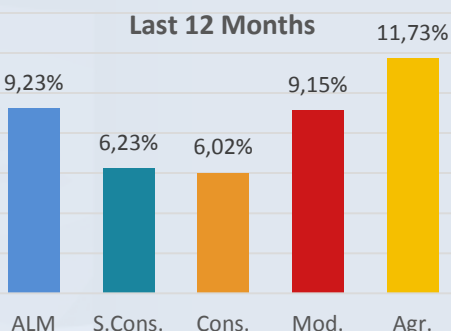
INVESTMENT CHOICES PERFORMANCE

Profile	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	YTD	Last 12m	Last 24m
ALM	0,66%	1,32%	0,50%	0,74%	0,45%	-0,10%	0,81%	1,25%	0,52%	0,33%	1,90%	0,50%	8,51%	9,23%	20,17%
Super Conservative	0,53%	0,57%	0,44%	0,52%	0,49%	0,50%	0,51%	0,52%	0,54%	0,45%	0,52%	0,46%	5,67%	6,23%	17,42%
Conservative	0,81%	1,37%	0,60%	0,87%	0,37%	-1,03%	-0,09%	0,76%	0,31%	0,55%	0,98%	0,36%	5,17%	6,02%	19,20%
Moderate	1,48%	2,43%	0,53%	0,73%	0,78%	-1,77%	-0,40%	1,54%	0,45%	0,81%	1,40%	0,86%	7,55%	9,15%	23,12%
Aggressive	2,09%	3,67%	0,52%	0,61%	0,90%	-2,57%	-0,75%	2,30%	0,16%	1,08%	2,20%	1,08%	9,45%	11,73%	25,37%

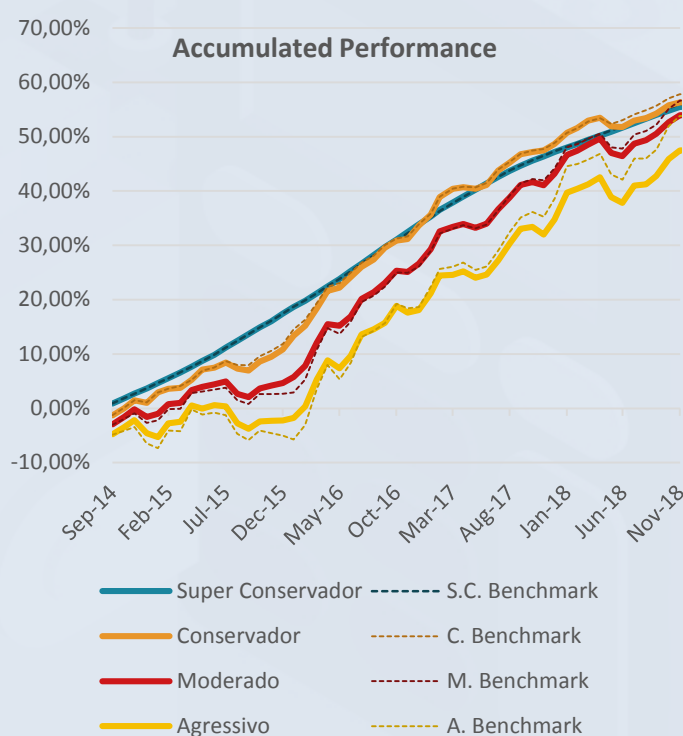
November



Last 12 Months



Accumulated Performance



MACROECONOMIC OVERVIEW

INTERNATIONAL

The international scenario had another month of strong instability. The outflow movement of risky assets, which began in October, has strengthened with the fears of the effects of the Trade War. The impact on technology companies was evident in the release of the financial balance sheet (and profits) for the third quarter. Industrial production data in China and Europe also disappointed. The G-20 meeting between Trump and Chinese leader Xi Jinping at the end of the month brought some relief and the S & P 500 index closed at 1.8%.

Macroeconomics Sources: TAG Investimentos

BRAZIL

Despite the positive outlook, the local market was influenced by a very adverse conditions on the external market. The strong post-election rally in October was replaced by a profit-making movement by the local investor and an outflow of foreign investments. In the second half, however, the optimism environment prevailed and the flow was positive for the stock market and other risk assets. The ministries that were presented by the upcoming new government during the month pleased the market, especially on the creation of the "super department of the economy," and the pro-business names indicated for major state-owned companies.



PERFORMANCE BY FUND AND SEGMENT

	Nov-18	3M	YTD	12M	24M	36M
Renda Fixa - ALM						
Bradesco ALM	0,50%	2,75%	8,51%	9,23%	20,17%	38,79%
Benchmark: Meta Atuarial	-0,82%	1,89%	11,52%	12,72%	16,84%	29,74%
Renda Fixa - IMA-S						
BNP Paribas FIRF CP Basel	0,49%	1,48%	5,78%	6,35%	17,64%	34,37%
Itaú Amazonita IMA-S RF FI	0,44%	1,45%	5,75%	6,33%	17,67%	34,46%
Benchmark: IMA-S	0,49%	1,52%	5,89%	6,47%	17,94%	34,35%
Renda Fixa - IMA-Composite						
Bradesco FIRF Lab	0,50%	2,53%	5,75%	6,65%	20,38%	44,90%
Itaú Calcedônia RF FI	0,32%	2,32%	5,48%	6,27%	19,22%	43,13%
Benchmark: IMA Conservador	0,50%	1,91%	5,70%	6,48%	19,58%	42,85%
Benchmark: IMA Moderado	0,50%	2,04%	5,82%	6,61%	19,72%	43,02%
Benchmark IMA Agressivo	0,51%	2,23%	6,01%	6,79%	19,93%	43,27%
Estruturados - Hedge Funds						
Bahia AM Marauá FIC FIM	-0,25%	0,86%	8,87%	10,39%	36,82%	55,21%
Ibiuna Hedge STH FIC	-1,18%	0,36%	4,73%	7,31%	30,80%	45,77%
SPX Nimitz Estrut FIC MM	-2,59%	-2,23%	7,03%	8,44%	27,08%	50,25%
Benchmark: CDI	0,49%	1,51%	5,90%	6,47%	17,72%	34,25%
Estruturados - Long & Short						
Apex Equity Hedge FIM	1,53%	3,39%	14,37%	16,15%	34,79%	52,17%
Oceana Long & Short FIM	0,80%	2,69%	5,91%	6,92%	19,83%	43,12%
Santander Star Long & Short FIM	0,70%	1,73%	5,11%	5,44%	14,64%	34,50%
Benchmark: CDI	0,49%	1,51%	5,90%	6,47%	17,72%	34,25%
Equities - IBrX						
Bradesco Instit. IBrX Alpha	2,13%	16,25%	20,54%	27,71%	48,78%	93,40%
Oceana Valor FIA	4,25%	19,77%	19,78%	27,22%	59,01%	123,71%
Benchmark: IBrX	2,66%	17,02%	16,93%	24,35%	45,33%	96,14%
Equities - Value & Growth						
Neo Navitas FIC FIA	2,25%	9,90%	-2,94%	2,18%	42,95%	94,85%
Brasil Plural FIC FIA	0,91%	16,27%	22,72%	29,67%	46,76%	60,60%
Bahia AM Valuation FIC FIA	2,96%	15,79%	25,08%	32,37%	54,77%	100,41%
Benchmark: IBrX	2,66%	17,02%	16,93%	24,35%	45,33%	96,14%
Offshore						
Itaú Fof Multi Global EQ MM IE	4,80%	-13,28%	11,77%	13,55%	29,85%	14,79%
BlackRock iShare SP500 IE	5,56%	-9,82%	20,68%	24,75%	45,94%	35,31%
Pimco Income IE	0,24%	0,81%	3,02%	3,02%	21,02%	-



COMMENTS BY SEGMENT

FIXED INCOME

In Fixed Income, we have noticed the continuity of the real yield curve closing gap, with the long NTN-B (inflation linked bonds) being traded at rates below 5.15% p.a., compared to 6.00% p.a. of the period before the elections first shift. The movement in November was not as strong as of October, but the IMA-B gained 0.90% in the month (171% of CDI). The movement was even more intense in the nominal yield curve. The short term of the curve decreased more than the long term, and the sovereign interest rate yield curve (DI) future contract with maturity in January 2020 closed the month traded at 6.99% p.a., reflecting the new position of a reasonable part of the market pricing the Selic rate stable in 2019. IRF-M gained 0.99% (188% CDI). The corporate bonds market was also excited and we noticed a strong flow of new corporate issues with investment grade bonds being issued at a rate between CDI + 1.5% p.a. and CDI + 2.5% p.a.

EQUITIES

Contrarian to the foreign investor, November marked the definitive return of the local investor to the Brazilian stock exchange, especially in the hedge funds managers. The flow of purchases of ETFs (passive index funds) from Ibovespa was a global highlight, and the country ended as the 3rd most traded market in the world. The highlight was the dividend index (IDIV), which rose 7.3% with the expectation of privatization of state-owned companies (especially CEMIG); and Small Caps 4.8%, compared to 2.4% of Ibovespa. The round of the balance sheets disclosures of the third quarter (the fifth positive season) pulled the returns of several shares of the sector.

STRUCTURED

November was a difficult month for macro hedge funds, especially those with offshore positions. The change in outlook related to the global interest rate led to losses in most portfolios.

INTERNATIONAL

International Markets have fluctuated a lot throughout the month. In equities sector, the main indexes recovered in the last week of the month, but the main Fixed Income indexes continued with negative performance. The appreciation of the dollar led to a positive result of the strategy in the month.



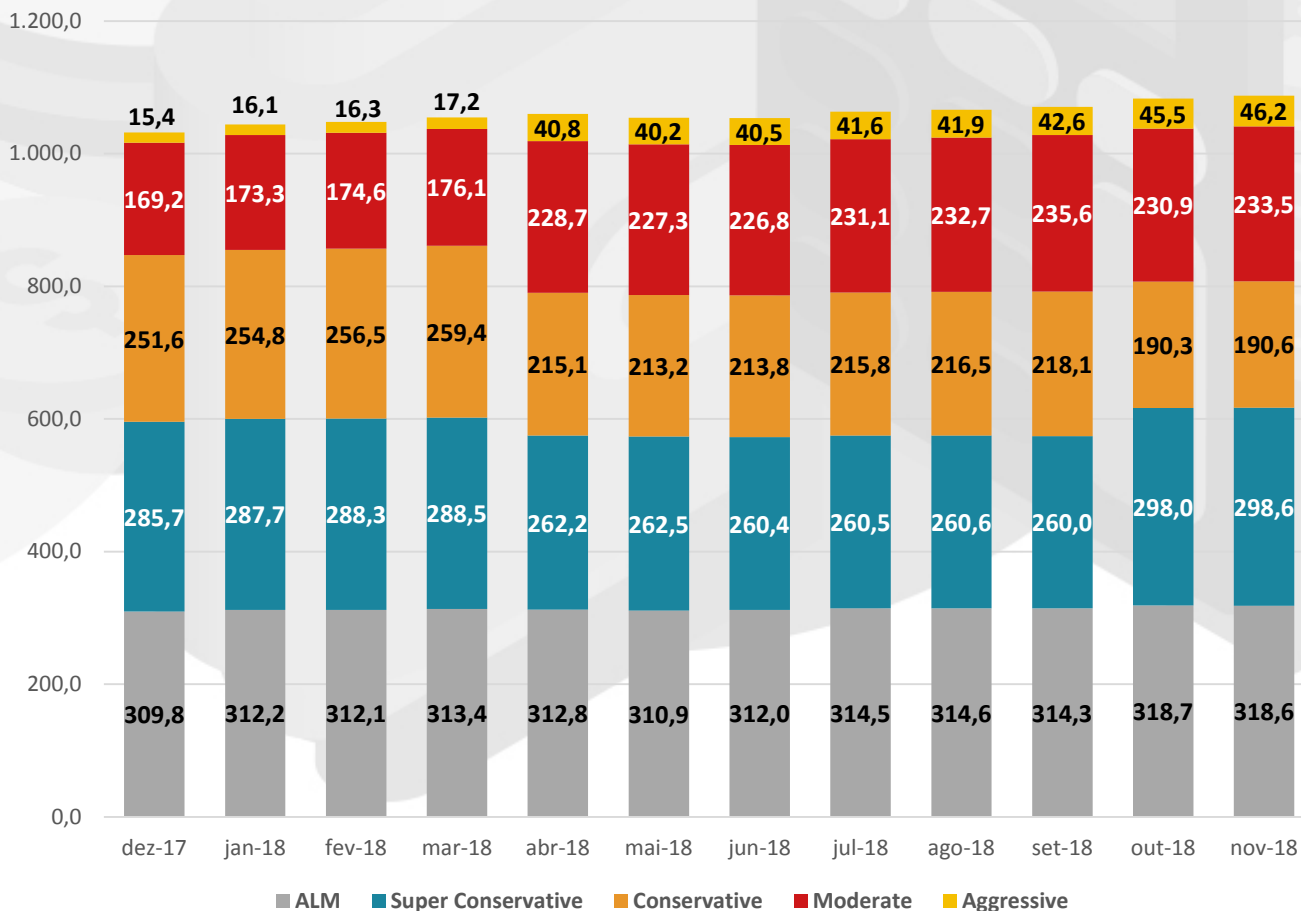
INVESTMENT PORTFOLIO– BY ASSET MANAGER AND ASSET CLASS

(BRL mio)

Asset Manager & Funds	Fixed Income				Structured		Equities			Total	
	ALM	IMA-S	Ima - Composed	Offshore	Hedge Funds	Long & Short	IBrX	Value / Growth	Offshore	\$	%
Apex	-	-	-	-	-	3,7	-	-	-	3,7	0,3%
BBM	-	-	-	-	5,9	-	-	10,5	-	16,4	1,5%
BlackRock	-	-	-	-	-	-	-	-	4,8	4,8	0,4%
BNP Paribas	-	199,9	-	-	-	-	-	-	-	199,9	18,4%
BR Plural	-	-	-	-	-	-	-	10,4	-	10,4	1,0%
Bradesco	318,6	-	134,8	-	-	-	13,8	-	-	467,3	43,0%
Ibiuna	-	-	-	-	3,9	-	-	-	-	3,9	0,4%
Itaú	-	204,1	132,9	-	-	-	-	-	8,9	346,0	31,8%
Neo	-	-	-	-	-	-	-	5,1	-	5,1	0,5%
Oceana	-	-	-	-	-	2,2	8,3	-	-	10,5	1,0%
PIMCO	-	-	-	5,0	-	-	-	-	-	5,0	0,5%
Santander	-	-	-	-	-	6,0	-	-	-	6,0	0,6%
SPX	-	-	-	-	7,5	-	-	-	-	7,5	0,7%
Total	318,57	404,03	267,74	4,99	17,30	11,97	22,18	26,02	13,70	1.087	100%



INVESTMENT PORTFOLIO– ALLOCATION BY INVESTMENT CHOICE





EXTERNAL AND INTERNAL INDICATORS

Segment	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	YTD	Last 12m	Last 24m
ALM	0,66%	1,32%	0,50%	0,74%	0,45%	-0,10%	0,81%	1,25%	0,52%	0,33%	1,90%	0,50%	8,51%	9,23%	20,17%
Fixed Income															
- IMA-S	0,54%	0,58%	0,44%	0,53%	0,50%	0,51%	0,52%	0,46%	0,55%	0,46%	0,53%	0,47%	5,69%	6,26%	17,57%
- IMA- Composed *	0,80%	1,33%	0,64%	0,92%	0,35%	-0,98%	-0,12%	0,81%	0,16%	0,63%	1,37%	0,41%	5,62%	6,46%	19,80%
- Offshore	0,54%	0,58%	0,46%	0,53%	0,52%	0,52%	0,52%	0,54%	0,57%	0,47%	0,54%	0,49%	5,90%	6,47%	17,72%
Structured															
- Hedge Funds	1,65%	4,49%	0,17%	0,70%	0,84%	-1,79%	0,96%	0,16%	1,02%	0,70%	0,16%	-1,48%	5,94%	7,69%	24,52%
- Long & Short	0,54%	0,32%	0,31%	0,06%	1,07%	-0,31%	0,74%	0,49%	0,33%	0,47%	0,96%	0,98%	5,52%	6,09%	16,62%
Equities															
- IBrX	6,16%	11,37%	0,97%	-0,09%	0,67%	-9,45%	-5,04%	8,58%	-3,47%	3,35%	10,51%	2,93%	19,83%	27,21%	56,35%
- Dividends	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	0,00%	11,20%
- Value / Growth	5,06%	8,09%	1,16%	0,71%	1,18%	-9,88%	-3,83%	7,07%	-2,80%	2,78%	9,51%	2,01%	15,38%	21,22%	32,39%
- Offshore	2,10%	0,84%	-1,71%	-0,79%	6,72%	8,46%	3,62%	-0,74%	11,41%	-0,94%	-15,54%	5,07%	14,65%	17,06%	34,77%
Offshore															
- 50% CDI + 50% MSCI	1,62%	0,59%	-0,67%	0,21%	3,16%	4,29%	1,58%	0,45%	5,92%	-1,17%	-6,75%	2,70%	9,62%	11,43%	26,66%
Indicator	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	YTD	Last 12m	Last 24m
CDI (interbank deposit)	0,54%	0,58%	0,46%	0,53%	0,52%	0,52%	0,52%	0,54%	0,57%	0,47%	0,54%	0,49%	5,90%	6,47%	17,72%
IMA-S	0,54%	0,58%	0,46%	0,53%	0,51%	0,50%	0,52%	0,54%	0,57%	0,47%	0,55%	0,49%	5,89%	6,47%	17,94%
IMA-Geral ex-C	0,89%	1,68%	0,72%	0,95%	0,30%	-1,45%	0,10%	1,39%	-0,24%	0,61%	3,43%	0,78%	8,52%	9,48%	24,87%
IMA-Bench composed**	0,74%	1,28%	0,58%	0,85%	0,37%	-0,78%	0,47%	0,73%	0,34%	0,60%	1,11%	0,51%	6,21%	6,99%	20,16%
Ibovespa	6,16%	11,14%	0,52%	0,01%	0,88%	-10,87%	-5,20%	8,88%	-3,21%	3,48%	10,19%	2,38%	17,15%	24,36%	44,58%
IBrX	6,35%	10,74%	0,42%	0,08%	0,82%	-10,91%	-5,20%	8,84%	-3,12%	3,23%	10,42%	2,66%	16,93%	24,35%	45,33%
IDIV	4,94%	9,88%	-0,61%	1,05%	-1,42%	-10,54%	-4,31%	7,28%	-3,70%	0,17%	11,44%	7,28%	15,21%	20,90%	43,03%
Saving Accounts	0,48%	0,52%	0,43%	0,50%	0,50%	0,50%	0,50%	0,52%	0,55%	0,45%	0,52%	0,48%	5,61%	6,12%	13,51%
USD	1,42%	-4,40%	2,61%	2,43%	4,73%	7,35%	3,18%	-2,62%	10,13%	-3,18%	-7,15%	3,92%	16,79%	18,45%	13,74%
CPI (IPCA)	0,44%	0,29%	0,32%	0,09%	0,22%	0,40%	1,26%	0,33%	-0,09%	0,48%	0,45%	-0,21%	3,83%	4,29%	7,21%
IGP-DI (FGV)	0,74%	0,58%	0,15%	0,56%	0,93%	1,64%	1,48%	0,44%	0,68%	1,79%	0,26%	-1,14%	8,88%	9,69%	9,33%
MSCI World (BRL)	2,70%	0,59%	-1,81%	-0,11%	5,80%	8,07%	2,63%	0,36%	11,28%	-2,80%	-14,04%	4,91%	13,34%	16,40%	35,61%
Actuarial Target ¹	1,07%	0,91%	0,48%	0,89%	1,26%	1,97%	1,81%	0,77%	1,01%	2,12%	0,59%	-0,82%	11,52%	12,72%	16,84%

¹ IGP-DI + 4% p.y.

^{**} 20% IMA-S + 14,4% IRF-M1 + 25,6% IRF-M1+ + 30% IMA-B5 + 10% IMA-B5+

³ Since September 2014



ADDITIONAL COMMENTS

The external environment worsened a lot during the last quarter of the year. Concern about the US interest rate's hike has given rise to an adverse environment with worries of the trade war. The climate of instability has caused large allocators to draw resources from equities and emerging markets.

Brazil has been contrarian to the trend and the market has seen in a very positive way the actions of the new president-elect. On the other hand, the expectation regarding the vote on the pension reform and the onerous transfer of oil led to strong volatility in equities. But more correlated to macroeconomic data rather than to short-term events, the fixed-income market saw the continuity of the good moment of October in November.

Overall, Brazil is well-positioned vis-à-vis its emerging peers, both because it is a closed economy and because it does not have external debt, despite the fiscal challenges, the outlook is positive.