

TRADING RANKING

DATAWISE Dashboards

B3.COM.BR

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1 PRODUCT DESCRIPTION WITHIN THE DATAWISE SERVICE



The DATAWISE product was created by B3 with the aim of helping its clients in strategic decisions consolidating various reliable and/or sensitive data in the form of interactive dashboards (DATAWISE Dashboard and DATAWISE Insights) and reports (DATAWISE Reports). It should be noted that as stated in the Commercial Policy, the DATAWISE service does not allow the distribution or redistribution of data.

Each of these modules can be contracted separately as well as their products (individual dashboards and reports), according to the client's intention. Through the interactive panels it's possible analyze the behavior of stocks



(BOVESPA), derivatives and stock futures (BMF) and rental of stocks (BTB) with DATAWISE Dashboards or analyze individual investors' behavior with DATAWISE Insights. Already in DATAWISE Reports you can analyze trading and post-trade asset data, mainly from the OTC market thought reports with raw data (Data Report) or worked reports (Market Report).

In this manual we will show the Trading Ranking dashboard layout, data and filters contained in the DATAWISE Dashboard module.

2 DASHBOARD DESCRIPTION

The Trading Ranking shows the entire financial volume trading directly in B3, not counting the allocation values for the Bovespa, BM&F and BTB segments. The dashboard is divided into four panels that allow you to monitor the presence of each brokerage house and their evolution from one period to another.

This dashboard allows the user, if he is trading participant, view and analyze which are the most relevant brokerage houses by instrument, ticker, asset and investor category.

2.1 Consolidated Panel

This panel brings:

- An overview of trading rankings by brokerage house and a granularity at investor type, financial instrument and trade type level.
- Brokerage house ranking by financial amount traded.
- Investor ranking based on investor category.

TRADING RANKING DATAWISE DASHBOARDS

	,	Rai	nking de Neg	ociação Bovespa				
		Mercado Volume Financeiro (R\$):	1,400,371,459,402	Mercado ADTV Volume Financeiro (R\$):	70,018,572,97	Ranking Volume Financeiro (R\$):		1,400,371,459,402
			Filtros				Período da Base:	8/25/2017 è 3/17/2020 🛛 👔
Métricas Volume Financeiro (R\$)	Visão Compras/Vendas	Período Data Início Últimos 30 días * 7/1/2019		Data Fim 7/31/2019	Mercadoria (Tudo) •	Vencimento (Tudo)	Tickers (Tudo)	
		Ú	lltimos 30 dias: 2/1	.7/2020 à 3/17/2020				
	Categoria Investic	for (clique para filtrar)			Ranking	Negociação		
INVESTIDOR NÃO RESI FUNDOS PESSOA FÍSICA PESSOA JURÍDICA (NÃO INSTITUIÇÃO FINANCEL	632.7 bi 478.7 bi 212.8 bi 0.2 bi 65.7 bi	45% 34% 15% 1% 5%		XP INVESTIMENTOS CCTVM S/A CREDIT SUISSE (BRASIL) S.A. CTVM	57 Participantes	10 173.4 bi 20 41.4 bi	Participação 12%	Acumulado 12% 22%
				UBS BRASIL CCTVM S/A	1	39 40.7 bi	10%	33%
VISTA	Instrumento (ci	lique para filtrar) 88%		MORGAN STANLEY CTVM S/A	13	4º 6.5 bi	10%	42%
EXERCÍCIO DE VENDA INTEGR. E RESGATE	52.0 bi	496 396		IDEAL CTVM S.A.	50 94.2 bi		796	49%
OPÇÃO DE VENDA TERMO	36.8 bi	3% 1%		J.P. MORGAN CCVM S/A	6° 80.4 bi		696	55%
OPÇÃO DE COMPRA EXERCÍCIO DE COMPRA	11.9 bi 7.7 bi	196 196		BTG PACTUAL CTVM S/A	70 77.7 bi		696	60%
	Tipo Negócio	(clique para filtrar)		BRADESCO S/A CTVM	8º 65.8 bi		596	65%
Compras Vendas	700.1 bi	50% 50%		GENIAL INSTITUCIONAL CCTVM S/A	90 63.1bi		5%	70%
	Quantidade Negol	clada x Volume (R\$)	Instrumento •	ITAU CV S/A	10 ⁰ 61.3 bi		496	74%
	•	categ	urizar pur	MERRILL LYNCH S/A CTVM	11º 43.8 bi		316	77%
	•			SANTANDER COVM S/A	12º 32.6 bi		296	79%
Jociada				TULLETT PREBON BRASIL CVC LTDA.	13° 28.3 bi		2%	81%
Qtd. Ne			•	CLEAR CORRETORA - GRUPO XP	14º 21.9 bi		296	83%
	** **		-	GUIDE INVESTIMENTOS SA CORRETORA DE VALORES	15° 19.7 bi		196	84%
					160			

2.2 Comparative Panel

The comparison is based on participant performance in a two-period analysis, showing if a participant has increased, stabilized or decreased their position.

DATAWISE presented by 83		Rankin	ng de Negociação Bov	espa	
		Mercado Variação de :		7,117,466,433,740 Ranking	Financeiro (R\$): 7,117,466,433,740
			Filtros		Período da Base: 8/25/2017 à 3/17/2020 🥡
Métricas	Visão	Vencimento	Mercadoria	Tickers	Ordenar por
vorume hinanceiro (k\$)	Comprasy vencas	- (1000)	• ((1000)	- (1900)	- Periodo 1
	Categoria Investidor (clique para filtrar)			Paríodo 1	Paríodo 2
INVESTIDOR NÃO RESIDENTE	297.7 ы	50%		Data 1 5/1/2018	Data 3 1/5/2019
PESSOA FÍSICA	101.5 bi	1796		Data 2 5/31/2018	Data 4 11/30/2019
INSTITUIÇÃO FINANCEIRA	27.3 bi	596	0		
	Instrumento (clique para filtrar)			Ranking Ne	gociação por Período
VISTA	557.2 ы	93%	68 Participantes	Período 1	Parinto 2
INTEGR. E RESGATE	4.9 bi	296			10 30
EXERCÍCIO DE VENDA	6.2 bi	196	UBS BRASIL COLVM S		89.0 b
	Tipo Negócio (clique para filtrar)		XP INVESTIMENTO CCTVM S	2° (A 68.8 b)	1° 998.2 bi
Compras Vendas	300.3 bi	50% 50%	MORGAN STANLEY CTV Sj	M (A 63.6 bi	2º 711.0 bi
			CREDIT SUISSE (BRASI S.A. CTV	4° 48.3 bi	4° 699.3 bi
	Quantidade Negociada x Volume (R\$) no Peri	odo 1	J.P. MORGAN CCVM S	а 5° 37.5 ы	⇒ 5° 477.4 bi
		Categorizar po	merrill Lynch S/A CTV	6° 35.1 bi	90 372.9 bi
•			BRADESCO S/A CTV	7° 34.2 bi	6º 428.6 bi
ą			ITAU CV Sj	A 27.3 bi	↓ 10° 357.2 bi
Negocia			BRASIL PLURAL CCTVM S	90 26.8 bi	♣ 60° 0
1 tidade		•	BTG PACTUAL CTVM S	10° 23.0 bi	1 8ª 373.4 bi
	•	•	GOLDMAN SACHS D BRASIL CTVM S	0 11° 16.5 bi	12° 187.8 bi
Lano .	• • • •		SANTANDER CCVM S	(A 12 ⁰ 10.9 bi	↓ 14° 150.4 bi
			TULLETT PREBON BRAS	139	170

TRADING RANKING DATAWISE DASHBOARDS

2.3 Comparative Panel Independent Filter

This comparison is done with a focus on collation of data filtered by period showing whether a participant increased, stabilized or decreased their position

DATAWISE Description	Ranking) de Negociação Bovespa	
Filtros Período 1 🛛 👔	Período 1	Período 2	Filtros Período 2
Categoria Investidor	Data 1 5/1/2018	Data 3 1/5/2019	Categoria Investidor
(Tudo) •	5/31/2018	0	(Tudo) *
Instrumento	Data 2	Data 4	Instrumento
(Tudo) •	0	Período da Base: 8/25/2017 à 3/17/2020	(Tudo) *
Mercadoria	Métricas Volume Financeiro (R\$) Contexto Visão (Tudo)	Ordernar Período 1 Categorizar por Instrumento	Mercadoria
PETR *	Burle Is a		(Tudo) •
Vencimento	Periodo 1	Periodo 2	Vencimento
(Tudo) *	UBS BRASIL CCTVM S/A	10 UBS BRASIL CCTVM S/A 20 23.0 bi	(Tudo) •
Ticker	XP INVESTIMENTOS	XP INVESTIMENTOS	Ticker
(Tudo) *	ССТУМ 5/А 20.6Ы	ССТVИ S/A 998.2 Ы	(Tudo) •
	CREDIT SUISSE (BRASIL) S.A. CTVM 9.4 bi	MORGAN STANLEY CTVM S/A 711.0 bi	
	BRASIL PLURAL CCTVM S/A 8.3 bi	CREDIT SUISSE (BRASIL) 4º S.A. CTVM 699.3 bi	
	MORGAN STANLEY CTVM S/A 7.1bi	J.P. MORGAN CCVM S/A 59 477.4 bi	
	MERRILL LYNCH S/A CTVM	90 372.9 bi	
	J.P. MORGAN CCVM S/A 5.6 bi	BRADESCO S/A CTVM	
	CLEAR CORRETORA - 8º GRUPO XP 4.8 bi	10° 357.2 bi	
	17AU CV S/A 99 4.6 bi	BRASIL PLURAL CCTVM S/A 0	
	8RADESCO S/A CTVM 109 4.3 bi	BTG PACTUAL CTVIM S/A 373.4 bi	
	RICO INVESTIMENTOS- GRUPO XP 4.0 bi	GOLDMAN SACHS DO 129 BRASIL CTVM SA 187.8 bi	
	TULLETT PREBON BRASIL CVC LTDA. 3.4 bi	SANTANDER CCVM S/A 150.4 bi	
	GUIDE INVESTIMENTOS 13 ⁸ SA CORRETORA DE VALO	TULLETT PREBON BRASIL CVC LTDA. 122-66	
	ATIVA INVESTIMENTOS 14° S/A CTCV 2.6 bi	ATIVA INVESTIMENTOS 16 ^a S/A CTCV 137 9 bi	
	BTG PACTUAL CTVM S/A	CLEAR CORRETORA - 13° GRUPO XP 165.4 bi	
	GOLDMAN SACHS DO 16º BRASIL CTVM SA 2.0 bi	CITIGROUP GLOBAL 15° MARKETS BRASIL CCTVM 146.0 bi	

2.4 Time Series Panel

This comparison is done based on up to three participants in a timeline, showing the position of each participant on the chart and the cash value traded.



3 FILTERS

3.1 View

1	Visão	
	Volume Médio Diário 🔻	

Allows participants to choose among the following data views within the dashboard: Average Daily Traded Volume (ADTV); Amount of Daily Trades (ADT) and Average Daily Traded Quantity (ADTQ).

3.2 Metrics

Métricas

Volume Financeiro (R\$)	•
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Metrics – Cash Volume and Stock Quantity are the metrics available for viewing the dashboard.

For Derivatives and Futures (former BM&F segment) use the number of contracts for a more assertive analysis.

3.3 Period

ļ	Período		
	Últimos 30 dias	٠	7

Period – Choose a period between August 28, 2017 and the last date which will be between T-2 or T-3.

When choosing the **date selection** option in the period filter it allows users to choose start date and end date.

Data Início	Data Fim
7/1/2019	7/31/2019

When choosing the **last 30 days** option it will display data from the last 30 calendar days.

3.4 Instrument

Mercadoria		
(Tudo)	•	

Product – Allows users to choose a specific product, usually the product is the first four letters that make up the instrument, including cash equities, options and forwards.

3.5 Maturity

Ve	ncimento	
(T	udo)	•

Maturity – Valid for call and put options and their respective exercises, it allows you to choose specific maturity dates. When choosing 9999-12-31 (default), these instruments are excluded from the analysis.

3.6 Tickers

Tickers	
(Tudo)	•

Ticker – Allows you to choose the ticker of the stock to be analyzed. All assets traded on the analysis date will be available. You can choose to view either one market at a time or the entire market. To do this, simply remove the filter.

3.7 Investor Category

	Categoria Investidor (clique para filtrar)	
INVESTIDOR NÃO RESI	711.9 bi	47%
FUNDOS	520.5 bi	34%
PESSOA FÍSICA	216.5 bi	1496
PESSOA JURÍDICA (NÃO	10.4 bi	196
INSTITUIÇÃO FINANCEI	69.9 bi	5%

Investor Category – Different investor types are in the same color as the other dashboards and have their percentages distributed according to the trading volume and chosen filters. It is possible to use the categories as a filter on only one click. By clicking and holding down the "Ctrl" key, you may select more than one audience type at the same time.

3.8 Instrument

Instrumento (clique para filtrar)		
VISTA	1.3 tri	88%
EXERCÍCIO DE VENDA	70.7 bi	596
INTEGR. E RESGATE	51.0 bi	396
OPÇÃO DE VENDA	43.7 bi	3%
TERMO	13.2 bi	196
OPÇÃO DE COMPRA	10.3 bi	196
RENDA FIXA	273.4 mi	096
EXERCÍCIO DE COMPRA	177.5 mi	096

Instrument – Different instrument types are available for filtering and may also be excluded if a previous filter has been selected, i.e., when selecting ticker PETR4, only the Visual Instrument will appear. If an instrument filter is chosen before the others, the products and tickers will be filtered in the same way as in the previous example. As with the Investor Category filter, by clicking and holding down the "Ctrl" key, you may select more than one instrument at the same time.

3.9 Trade Type

Tipo Negócio (clique para filtrar)			
Compras	764.7 bi	50%	
Vendas	764.7 bi	50%	

Trade Type – This filter is separated between buy and sell or with give-up and without give-up. In this filter, you can see which participants have the highest trading level of each trade type for certain filtered scenarios.

4 SPECIFIC FILTERS FOR EACH PANEL

4.1 Consolidated Panel



Traded Quantity vs. Volume (R\$) – When dragging the cursor you may select different participants for analysis and form a new ranking list.

4.2 Comparative Panel

Período 1	Período 2
Data 1 5/1/2018	Data 3 1/5/2019
Data 2 5/31/2018	Data 4 11/30/2019

Period 1 and 2 – In the period comparison, you may choose two period intervals within the available base (August 2017 to T-2). When choosing this,



you may compare Week on Week (WoW), Month on Month (MoM) or Year on Year (YoY).

Ordenar por		
Período 1	•]

Sort by - It will also be possible to sort between period 1 and 2 and check which institutions went up or down from one period to another.

4.3 Time Series Panel

Participante 1	
XP INVESTIMENTOS CCTVM S/A	•

Participant 1, 2 and 3 – Choose the participants you wish to compare within the period. When clicking, you will have access to the institutions' name and you will be able to assess up to 3 participants at the same time.

5 EXTRAS

5.1 Groupings



TRADING RANKING



Groupings – In the existing trading dashboard where participants are listed, you can group some institutions together based on the Economic Group (i.e., XP Inc, which is made up of the XP, Rico and Clear brokerage houses). To carry out the grouping, click and select the desired squares by holding down the "*Ctrl*" key all the time. After choosing, move the mouse to display a menu with the following options: *Keep Only, Exclude* and *Group Member*. When clicking on *Group Member*, the new grouping appears in the ranking with the name of all the brokerage houses that compose it. Values will continue to be specified by the selected filters.

6 SERVICE TEAMS

Take a major step and optimize your decision making. Explore our products. If you have any query, talk to our team.

