

DIRECT 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 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. 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 Direct Trading Ranking dashboard layout, data and filters contained in the DATAWISE Dashboard module.

2 DASHBOARD DESCRIPTION

The Direct Trading Ranking shows the entire financial volume traded on the B3, within the brokerage itself - purchases and sales being made through different orders from the same participant - for the Stocks (BOVESPA), Derivatives and Futures (BMF) and Rental Stocks (BTB).

The dashboard is divided into two panels that allow you to monitor the brokers with the greatest volume of direct trading and their evolution over time.



Information can be filtered by instrument and tickers. Investor category is not available for compliance reasons.

2.1 Direct Trading Panel

This painel brings:

• An overview of trading rankings performed within the broker;

| DATAWISE powered by 83 | Ranking | g de Negocia ^{Conso} | ção Direta - B ^{lidado} | ovespa | | |
|--|--|----------------------------------|-------------------------------------|------------------------|-------------------------------|-------------------------|
| | Mercado Volume Financeiro: | 824,363.8M | Mercado ADTV Volume Financeiro: | 35,841.9M | Ranking Volume Financeiro: | 824,363.8N |
| | | Filtros | | | Período da Base: | 8/28/2017 à 3/27/2020 🥡 |
| Moeda Métricas R\$ Volume Financeiro | Período 0 Últimos 30 dias ▼ | Data Início 1/2/2019 | Data Fim 1/2/2019 | Mercadoria (Tudo) • | Vencimento (Tudo) • | Ticker (Tudo) • |
| | Ú | timos 30 dias: 2/2 | 6/2020 à 3/27/2020 | ס | | |
| Instrumento (c | clique para filtrar) | | | | | |
| VISTA EXERCICIO DE VENDA | 727.7 bi | 88% 4% | 57 P | articipantes | Percentu | al 🧧 % Acumulado |
| INTEGR. E RESGATE | 27.2 bi | 3% | XP INVESTIMENTOS CCTVM | S/A | 1º 100.1 bi 1: | 2% 12% |
| OPCAO DE VENDA TERMO | 21.8 bi 6.6 bi | 3% 1% | CREDIT SUISSE (BRASIL) S CT | 5.A. VM | 2º 1: 92.9 bi 1: | 1% 23% |
| OPCAO DE COMPRA EXERCICIO DE COMPRA | ■ 5.3 bi ■ 88.7 mi | 1% 0% | UBS BRASIL CCTVM | S/A | 3º 81.4 bi 1 | 0% 33% |
| Núm. de Negócios (| (Selecione para filtrar) | | MORGAN STANLEY CTVM | S/A 7 | 4º 8.2 bi | 96 43% |
| 711.7K | | | IDEAL CTVM S | 5° 61.5 b | 7 | % 50% |
| 487.1K | | | BTG PACTUAL CTVM | 53.0 bi | e | % 57% |
| | | | J.P. MORGAN CCVM | S/A 7º 41.8 bi | 5 | 96 62% |
| 47.3K | 40.0K | 11.8K 17.2K | ITAU CV | S/A 8º 38.1 bi | 5 | % 66% |
| Total 0- 50 50- 100 100- | 1.000 1.000 - 5.000 5.000 Financeiro P\$(mil) | 0- 10.000 >10.000 | BRADESCO S/A CT | 9° 36.4 bi | 4 | 96 71% |

• Ranking of institutions by financial amount allocated

2.2 Times Series Ranking

The comparison is made based on up to three participants in a timeline, which shows the participant's position in the graph of the amount traded within the brokerage itself.

Direct Trading Ranking

DATAWISE DASHBOARDS

| | 33 | R | anking | de Nego Posição no Ra | ciaçã anking ao | o Direta - longo do tempo | Bove | espa | | | | |
|--|------------------------------|---|-----------------------|--------------------------------------|---------------------------|--------------------------------|---------------|--------------------------------|----------------------|------------------------------------|-----------------------|------------------------------|
| Intervalo de datas do Ranking May 2018 Ju O | Mercadoria (Tudo) | * | Instrumento (Tudo) | | Tick (Tu | er do) | | Vencimento (Tudo) | | Part • (Tuc | icipantes Disp 10) | oníveis • |
| Participante 1 XP INVESTIMENTOS CCTVM S/A XP INVESTIMENTOS CCTVM S/A | 2° 32.9 bi 2 June 2018 | 2° 2° 25.2 DI 30.3 DI August 2018 | 2° 21.8 bi | 2° 44.8 bi October 2018 | 2° 33.5 bi | 2° 34.5 bi December 2018 | 2° 44.3 bi | 19 48.5 bi February 2019 | 10 41.1 bi | 10 43.5 bi April 2019 | 10 40.6 bi | • 1° 39.5 bi June 2019 |
| Participante 2 MORGAN STANLEY CTVM S/A MORGAN STANLEY CTVM S/A | 3° 30.1bi 2 June 2018 | 20.9 bi 29.1 bi August 2018 | 3° 17.0 bi | 4° 34.9 bi October 2018 | 3° 33.0 bi | 3° 27.6 bi December 2018 | 4° 34.5 bi | 3° 32 2 bi February 2019 | 4° 27.0 bi | 4° 25.1 bi April 2019 | 2° 83.4 bi | 20 27.5 bi June 2019 |
| Participante 3 [CREDIT SUISSE (BRASIL) S.A. CT CREDIT SUISSE (BRASIL) S.A. CTVM | 4° 1 23.6 bi June 2018 | 4° 4° 15.5 bi 25.0 bi August 2018 | 4° 14.8 bi | 3° 35.4 bi October 2018 | 4° 24.7 bi | 4° 27.3 bi December 2018 | 3° 37.1 bi | 4° 31.0 bi February 2019 | 3° 31,1 bi | 3° 27.9 bi April 2019 | 4° 27.5 bi | 3° 26.4 bi June 2019 |

3 FILTERS

3.1 Currency

| Currency | |
|----------|---|
| R\$ | • |

Currency –possibility to choose, in the available views, the currency, with the options being BRL or USD. The quotation is the closing date for the observed day.

3.2 Metrics



Metrics – Financial 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.

Direct Trading Ranking DATAWISE DASHBOARDS



3.3 Period

| Period | |
|--------------|---|
| Last 30 days | • |

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.

| Start Date | End Date |
|------------|------------|
| 02/01/2019 | 02/01/2019 |

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

3.4 Instrument



Instrument – 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 Expiration

| Expiration | |
|------------|---|
| (Tudo) | • |

Expiration – 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.

Direct Trading Ranking

DATAWISE DASHBOARDS



3.6 Ticker

| Ticker | |
|--------|---|
| (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 Instrument

| Investor Cate | gory (click to filter) | |
|--------------------------------|------------------------|------|
| CASH EQUITIES | 5 82.3 bi | 90% |
| PUT EXERCISE | 🔲 18.4 bi | 3% |
| INTEGRALIZATION AND REDEMPTION | 17.9 bi | 3% |
| PUT | 9.4 bi | 1.96 |
| CALL | 8.9 bi | 196 |
| FORWARD | 3.9 bi | 196 |
| CALL EXERCISE | 2.5 bi | 096 |
| FIXED INCOME | 102.6 ml | 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.

3.8 Number of Operations



Number of Operation – separates the number of trades into financial volume ranges (0 to 50; 100 to 1000; 1000 to 5000; 5000 to 10000; above 10,000).

Thus, for example, the number of deals made between 100 thousand reais and 1 million reais was 108.3 thousand. By clicking on the ranges, the values and filters are recalibrated.

For Derivatives and Futures (formerly BM&F segment), contract volume is used instead of financial volume.

4 SERVICE TEAMS

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



DATAWISE Sale: <u>produtosdedados@b3.com.br</u> Contracting: <u>contratacao@b3.com.br</u> Technical Support: <u>dataservices@b3.com.br</u>

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