Aggressor-classified volume delta

Volume and auction | Original synthetic example | Edition 2026-11-26

Under a stated trade-classification method, delta subtracts sell-aggressor volume from buy-aggressor volume. It describes classified executions rather than all resting interest or future direction.

FORMULA Delta = buy-aggressor volume - sell-aggressor volume

SCENARIO 01: Total classified volume 1000; buy share varies



WORKED EXAMPLE

At 70% buy-aggressor volume, buy=700, sell=300; delta is 400 or 40% of total.

COMMON MISTAKE

Treating positive delta as proof of rising future prices ignores passive supply and classification limits.

BEFORE YOU USE THE CALCULATION

1. Name the classifier.
2. Use executed trades rather than resting orders.
3. Check coverage and timestamp quality.

COMPARE TWO MORE INPUT SETS

Scenario 05: Total classified volume 3000; buy share varies. At 70% buy-aggressor volume, buy=2100, sell=900; delta is 1200 or 40% of total.

Scenario 10: Total classified volume 5500; buy share varies. At 70% buy-aggressor volume, buy=3850, sell=1650; delta is 2200 or 40% of total.

Synthetic values are not historical market data. Educational material; trading can result in substantial losses.