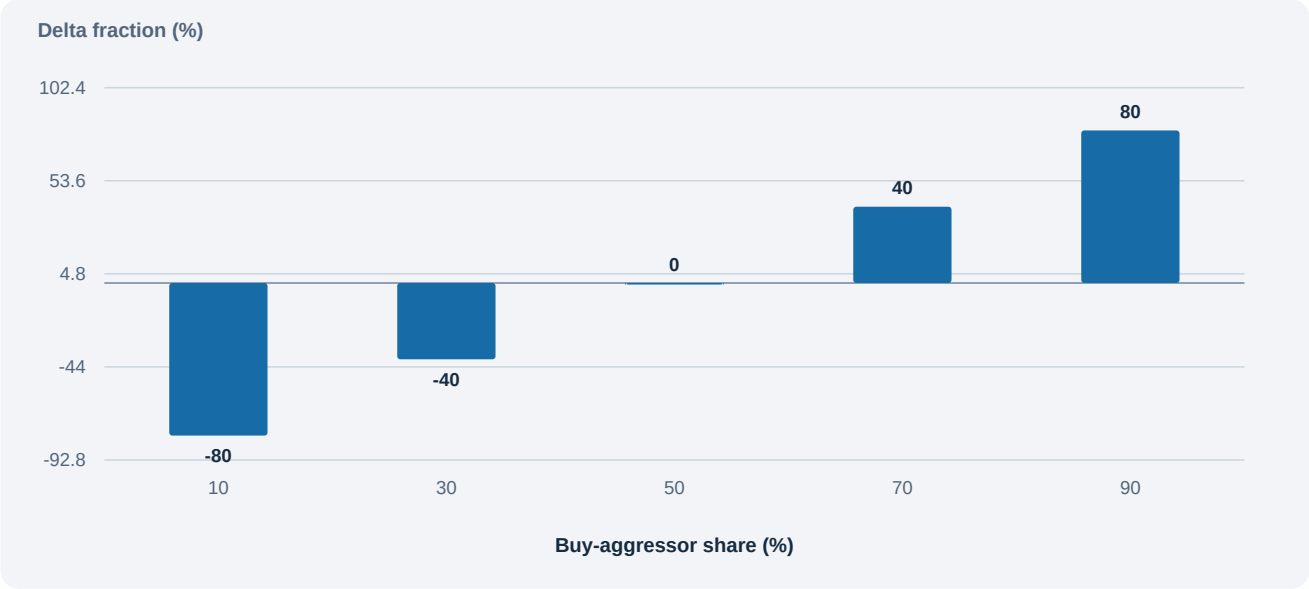
Delta as a share of classified volume

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

Dividing classified volume delta by total classified volume normalizes the imbalance. A large fraction on tiny total volume can still represent little absolute trading activity.

FORMULA Delta fraction = (buy volume - sell volume) / (buy volume + sell 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

Reporting the fraction without total volume hides whether the imbalance is economically small.

BEFORE YOU USE THE CALCULATION

1. Require nonzero total volume.
2. Show absolute volume too.
3. Use one consistent classification method.

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.