Friday, November 1, 2024 1:04 PM

Since the put call parity required that European put and coll options have the Same implied volatility the disserver here is 30% for and 33% for the put. This signals arbitrage.

- 1. Mis pricing, the call is undervalued relative to the put
- 2. Stratagy! Bug the call sell put, and short the stock This capatours profit
 from the adatility mismatch
- 3, This achitrage does not depend on the log normal assumption from Black solvers nuton, as its saley based on put call parity.

Thus this strategy exploits to udatility discurpancy without needlay any assumption about the underlying asset 1:St: bulion