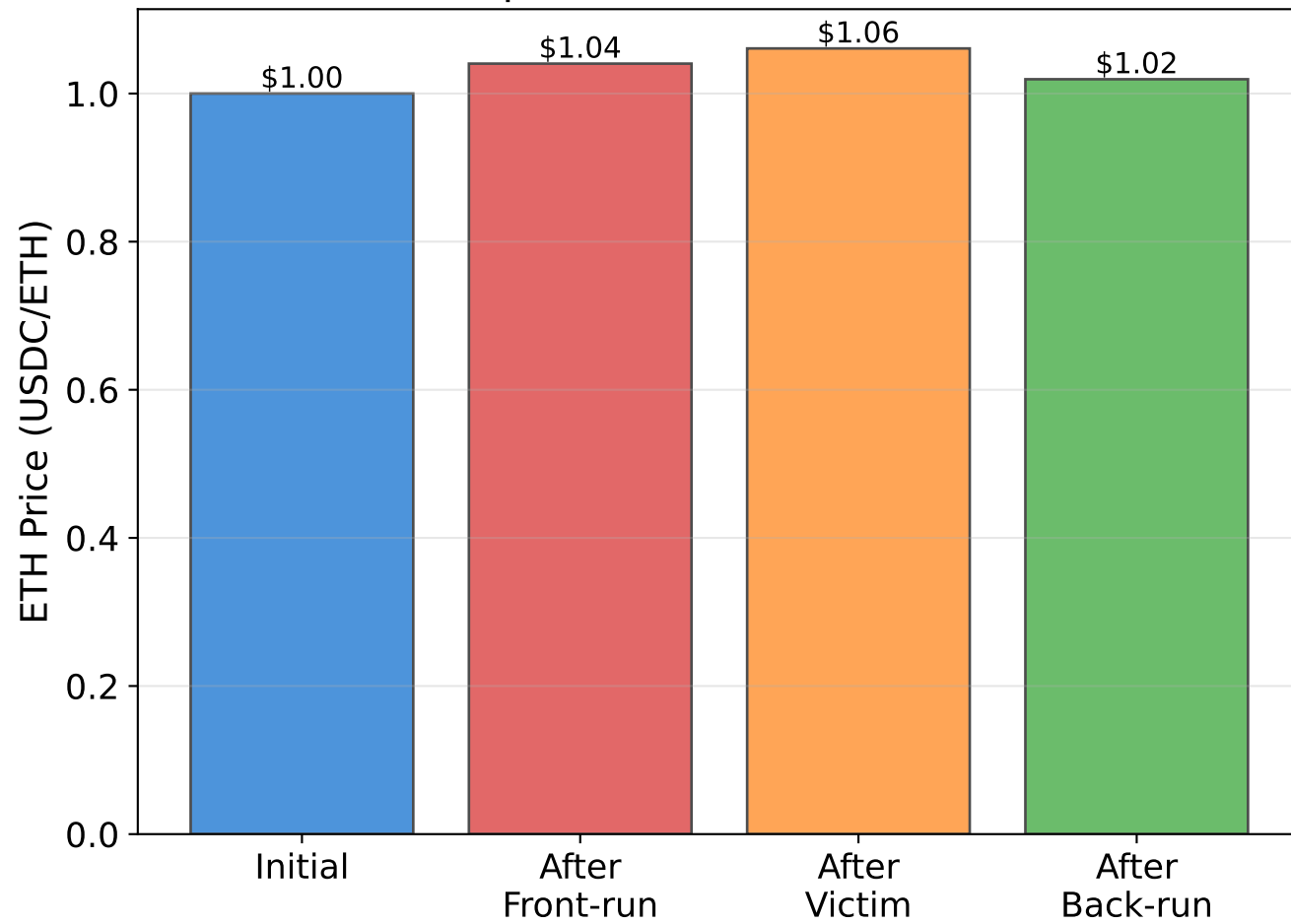# MEV Sandwich Attack: Extraction Mechanics

Price Manipulation (Front-run: 200 USDC)

ETH Price (USDC/ETH)

- Initial: $1.00
- After Front-run: $1.04
- After Victim: $1.06
- After Back-run: $1.02

Profit vs Front-run Size

Attacker Profit (USDC) vs Front-run Size (USDC)

Optimal: 500 USDC → $9.34 profit