### **上**定量分析: 简单移动平均 / 指数移动平均



SAM, PowerUpGammas



EMA/SMA
BATTLE

WWW.POWERUPGAMMAS.COM

### 测试思路

- S&P500成分股 + 流动性筛选
- 允许同时持有5个头寸,每个头寸占比10%
- 随机选择股票组合(5个头寸)
- 分别测试不同组合下的EMA / SMA表现

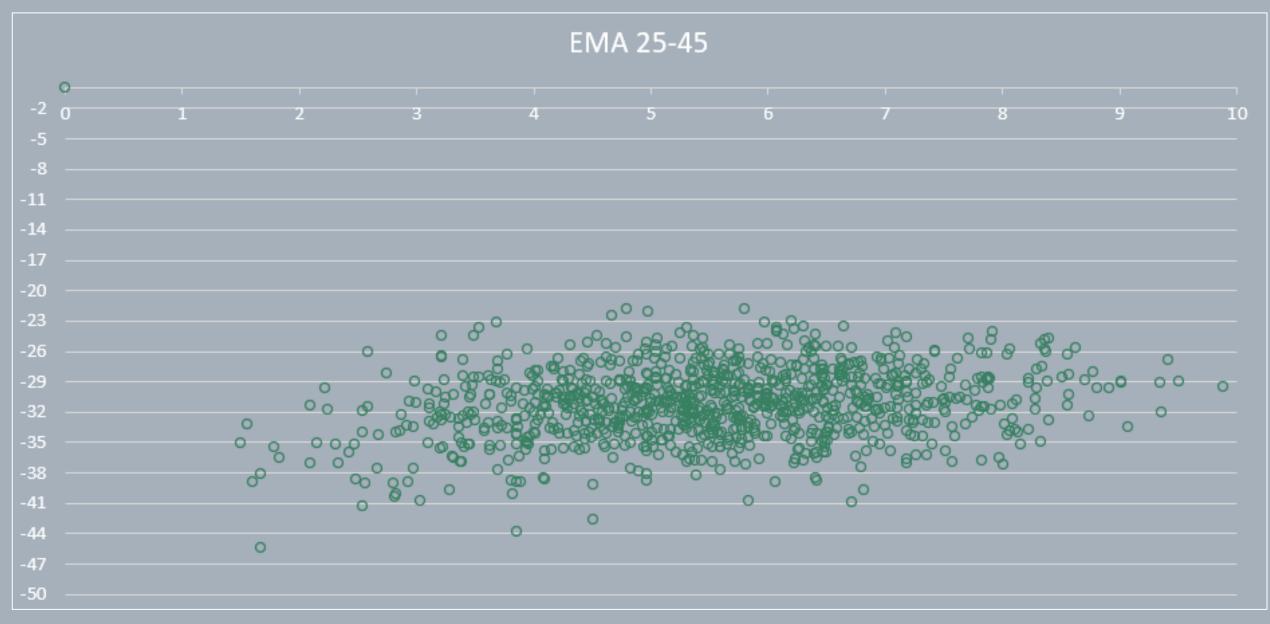


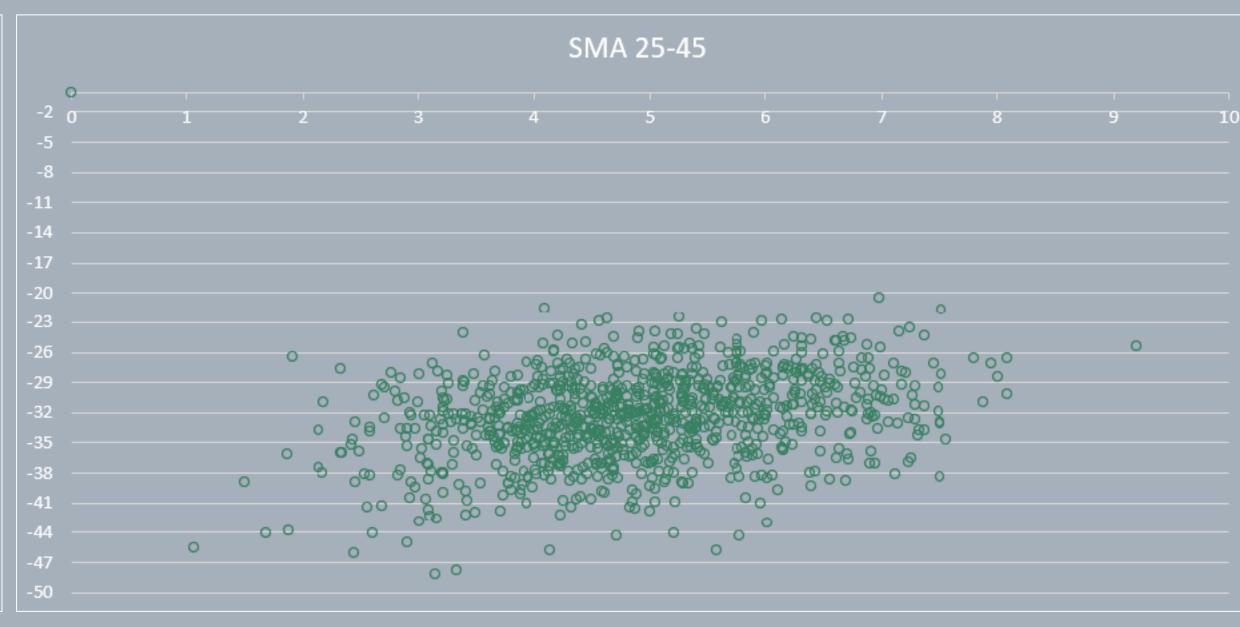
EMA/SMA BATTLE

WWW.POWERUPGAMMAS.COM

### S&P500 All Period

• Combination: 25 - 45





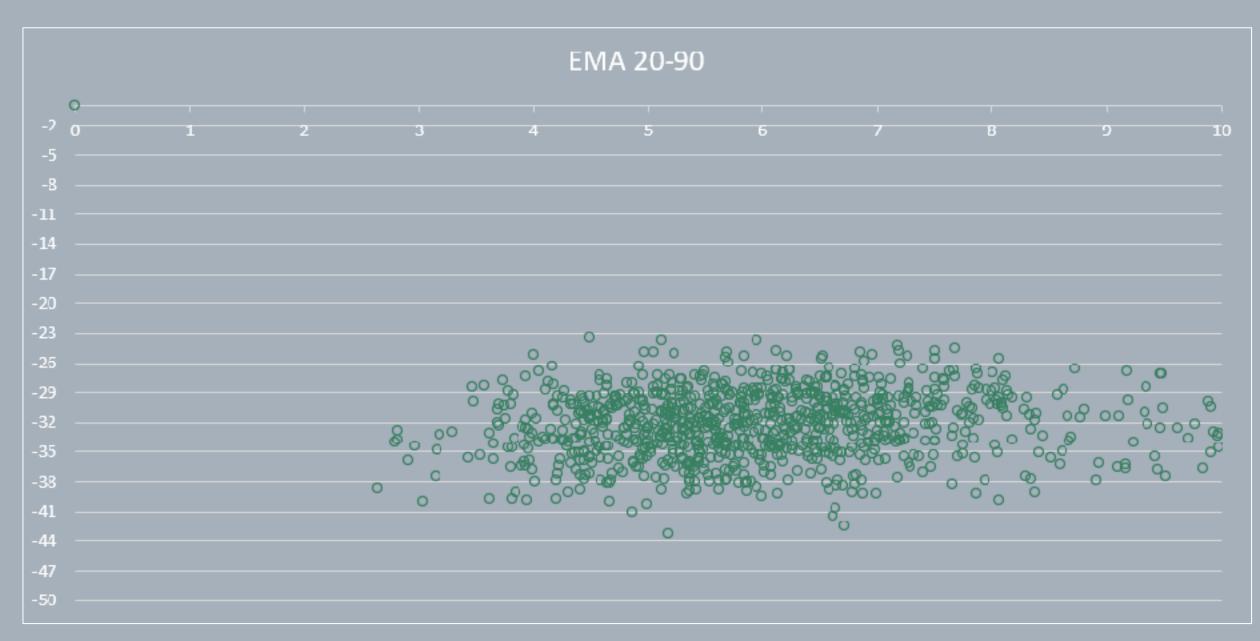


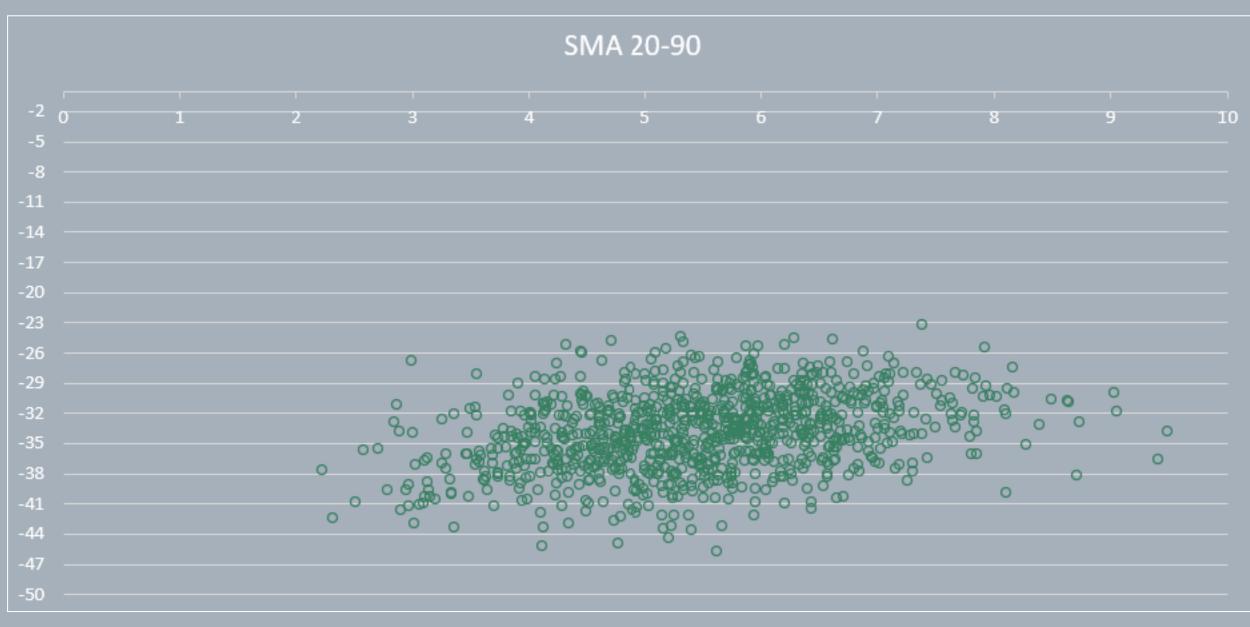
EMA/SMA BATTLE

WWW.POWERUPGAMMAS.COM

#### S&P500 All Period

• Combination: 20 - 90





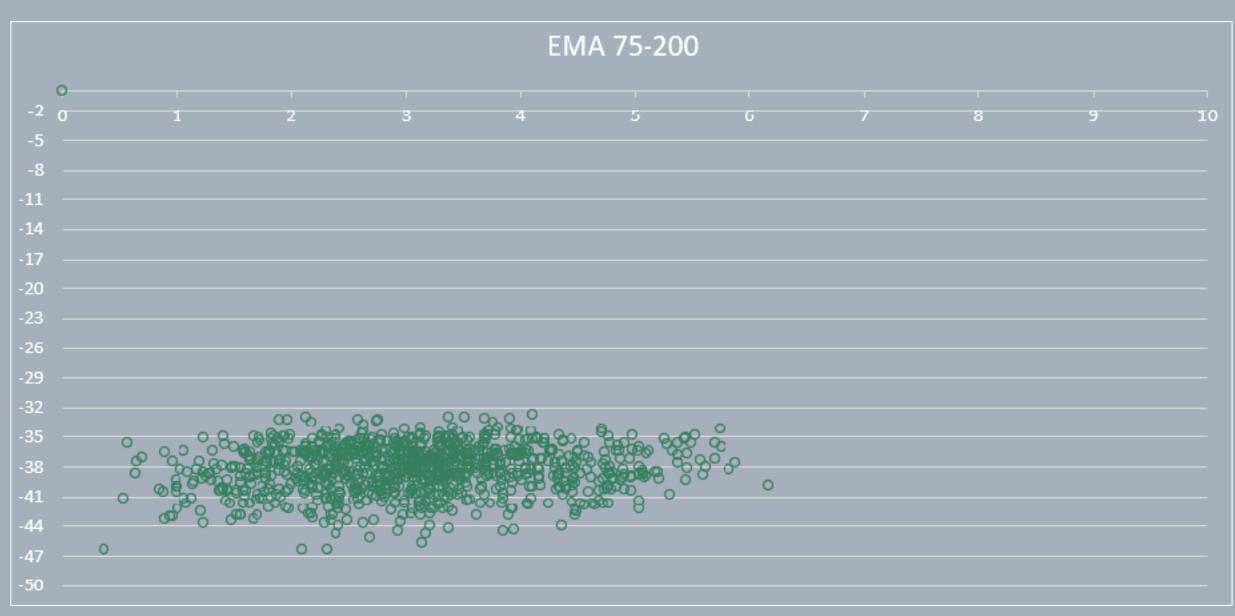


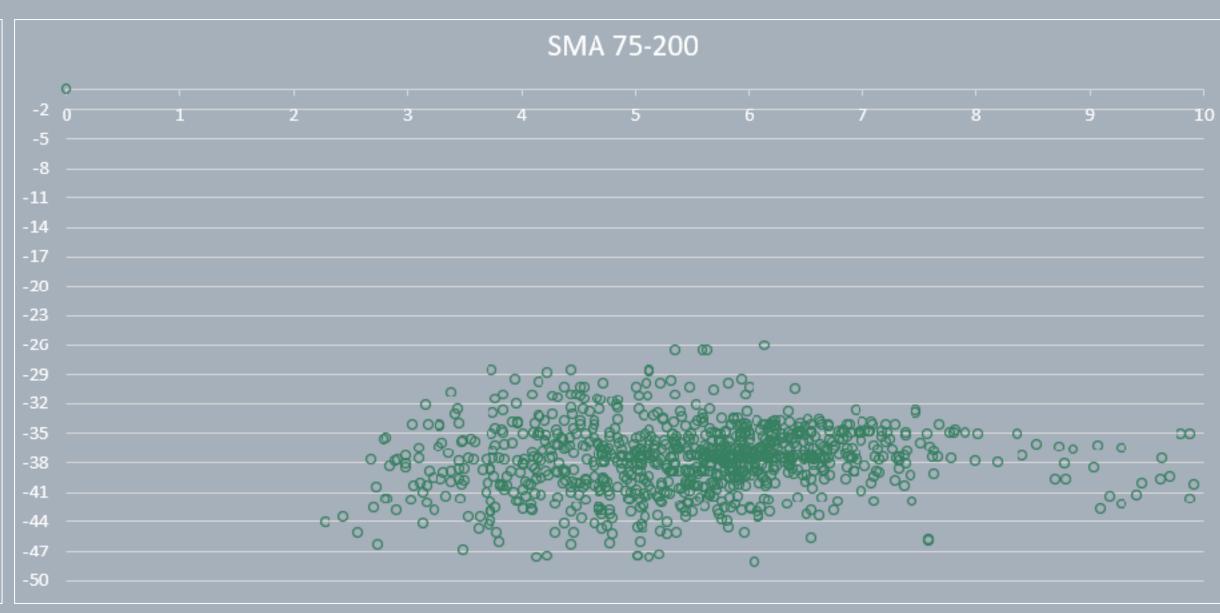
EMA/SMA BATTLE

WWW.POWERUPGAMMAS.COM

### S&P500 All Period

• Combination: 75 - 200





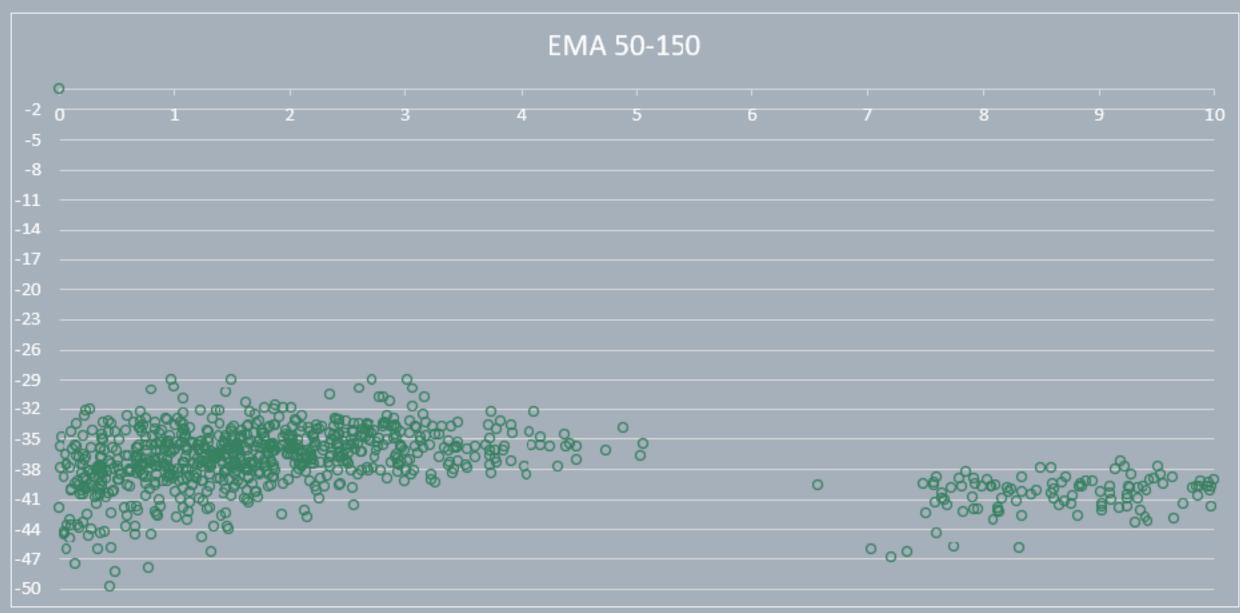


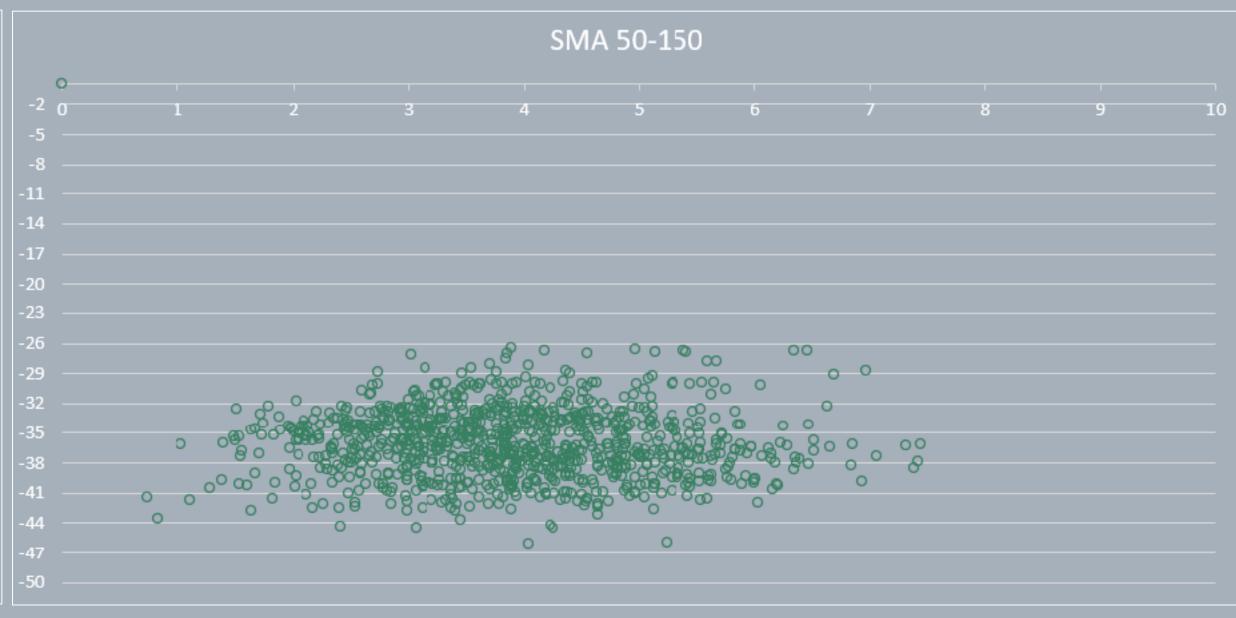
EMA/SMA
BATTLE

WWW.POWERUPGAMMAS.COM

### S&P500 All Period

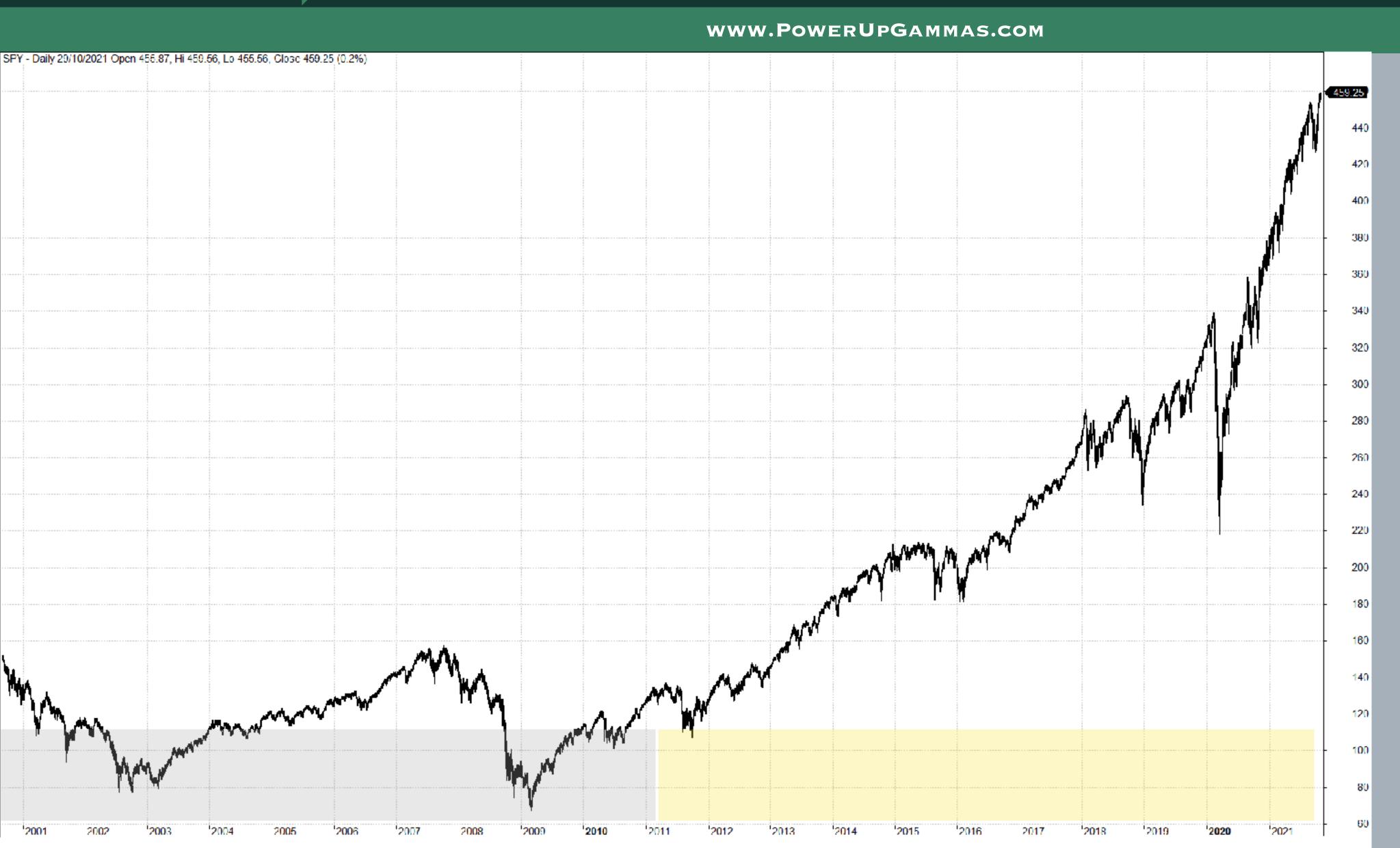
• Combination: 50 - 150







EMA/SMA BATTLE



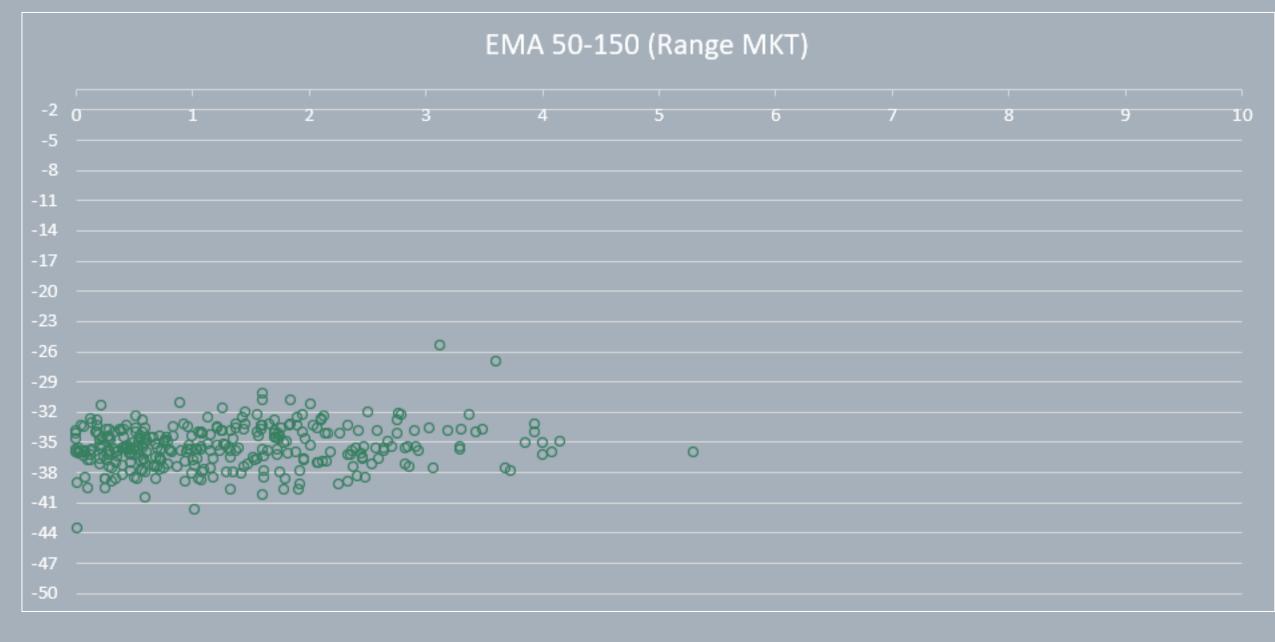


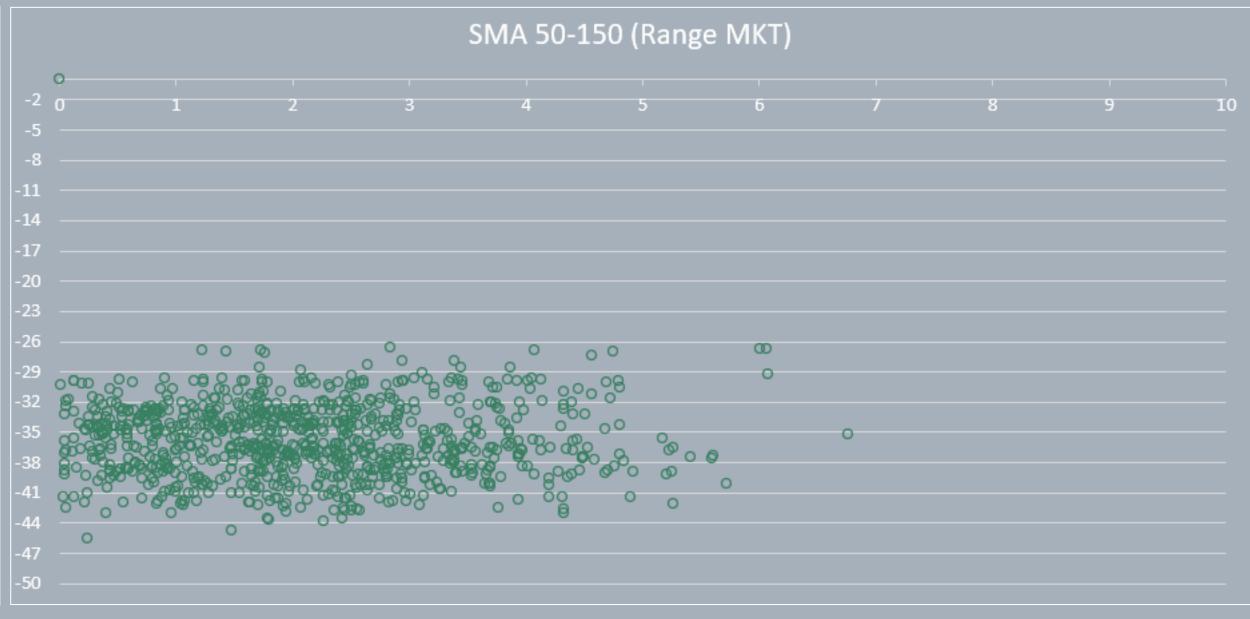
EMA/SMA BATTLE

WWW.POWERUPGAMMAS.COM

#### S&P500 1st Half

• Combination: 50 -150





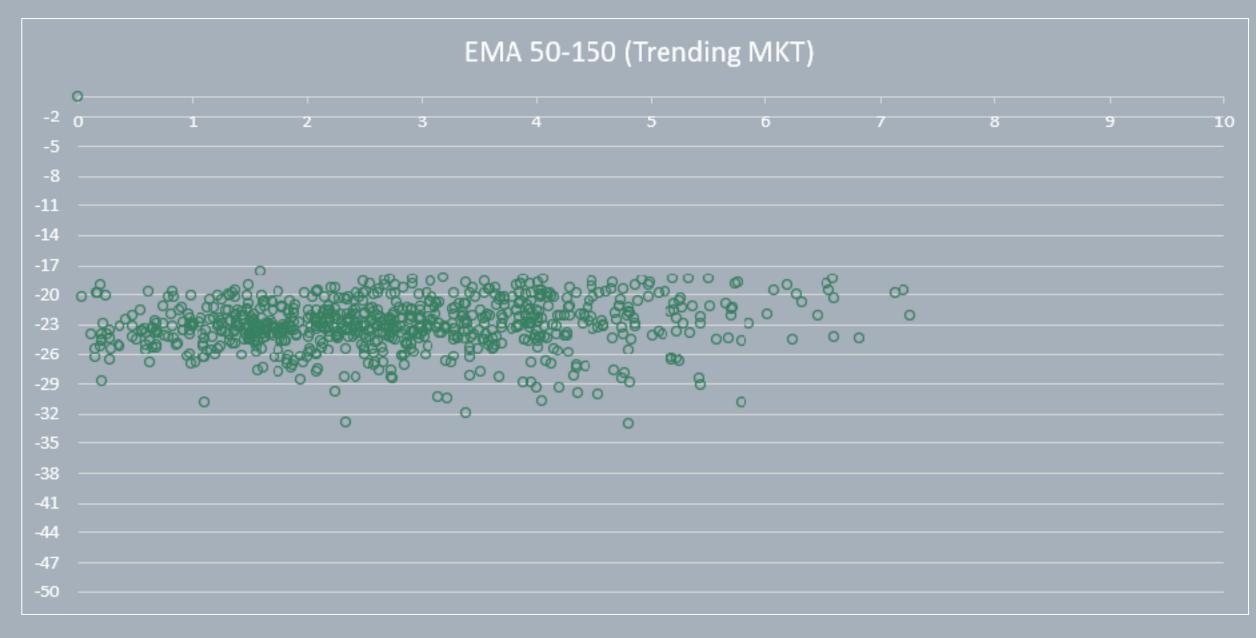


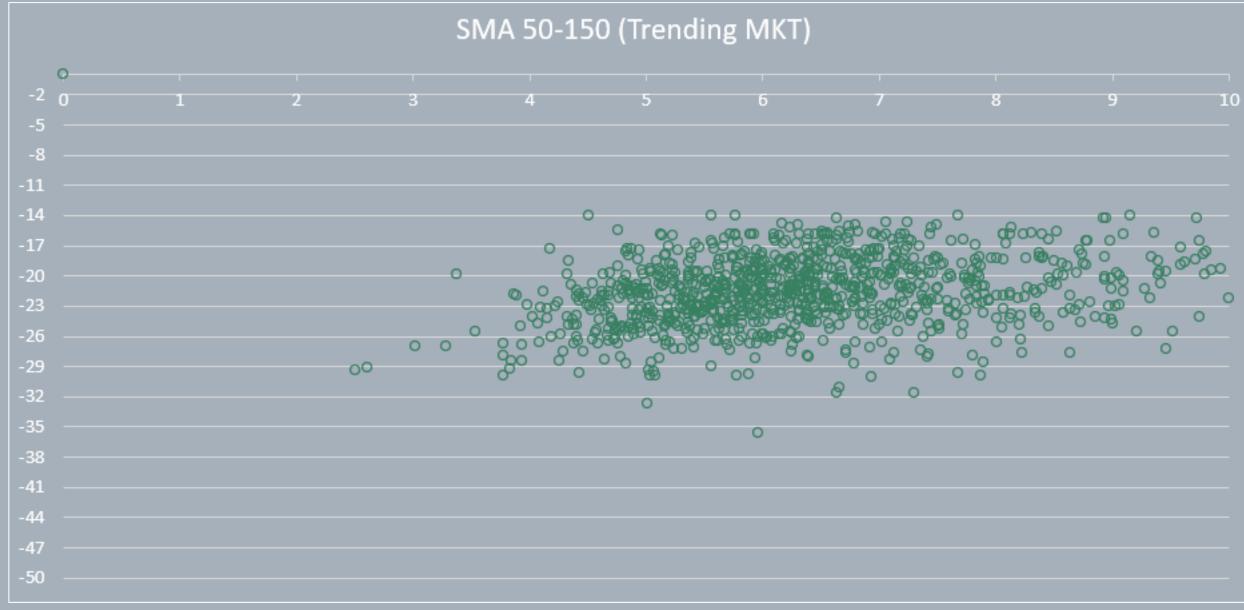
EMA/SMA BATTLE

WWW.POWERUPGAMMAS.COM

#### S&P500 2nd Half

• Combination: 50 -150







EMA / SMA
BATTLE

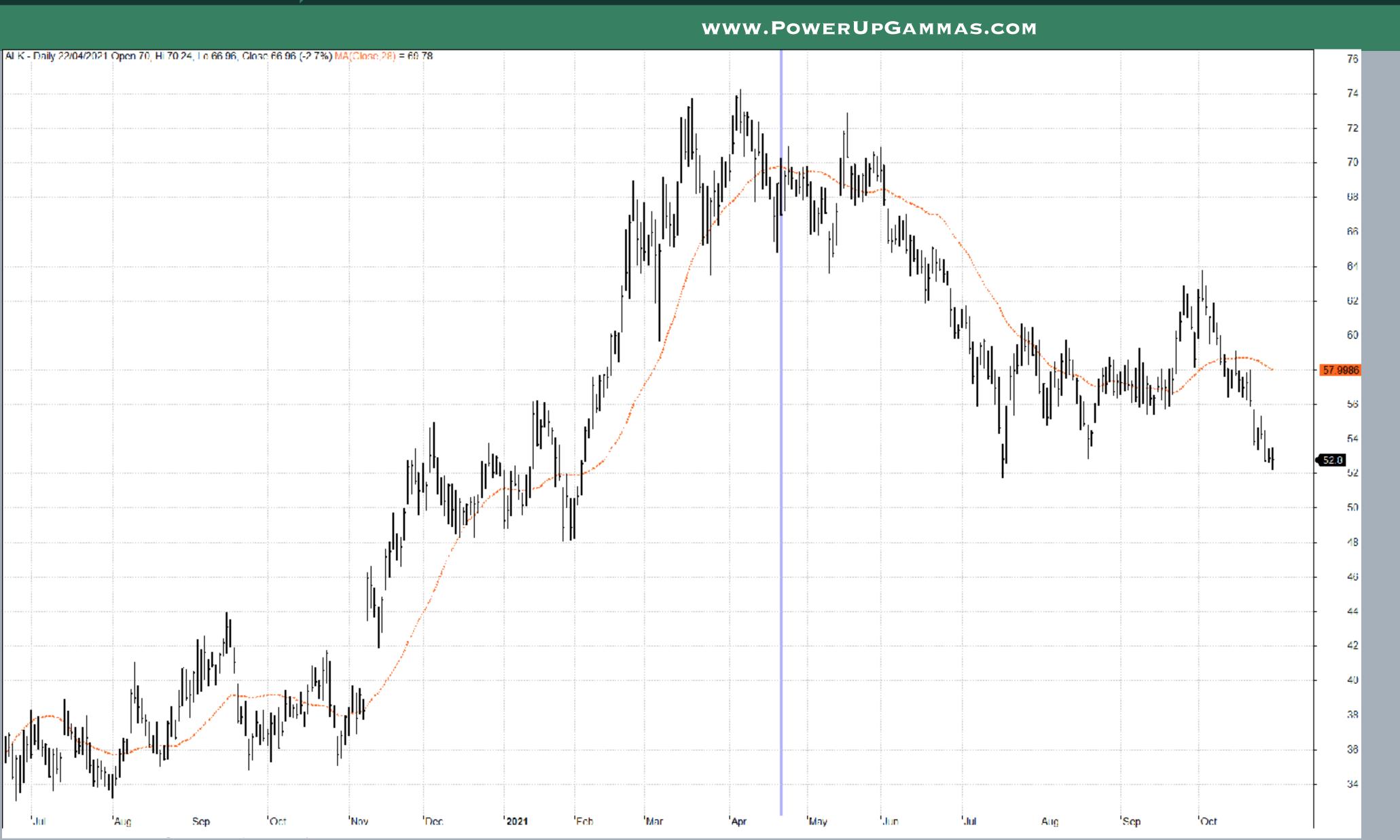
WWW.POWERUPGAMMAS.COM

#### What's the Point...

- 总体上,SMA表现不差于EMA (CAR / MDD)
- 把EMA永远删除?
- SMA Crossover本质 = Smoothed Breakout



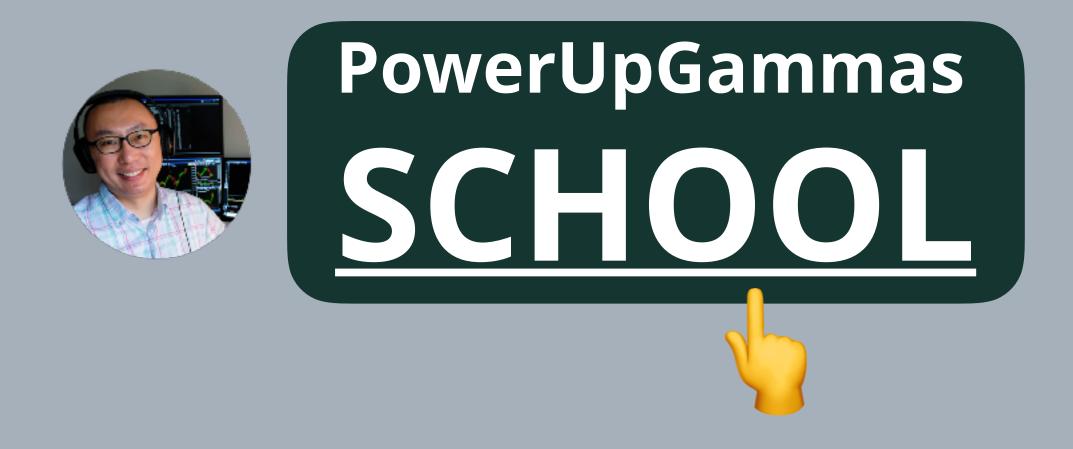
EMA/SMA
BATTLE





EMA/SMA BATTLE

WWW.POWERUPGAMMAS.COM











PTION AWARENESS

BUILDER



