"value or absolute" 14 odel Nuvestors I, In given a numbere; between 0 and 10 (can be decimals) which represents their valo economists/ analysts valuation of a stock Each investor has a standard deviation of 5, --- 5N their value in mind. Each investor has N units of risk to buy or sell. Once co. inventory gold that investor slops trading,

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There are M market makes
M, M _M
Market makes make a 2 van prire around a "mid" (to be elaborated a later)
The spread & spre = f (Size) and is the same for all market makers.
e.g. sprand
market makers can hold max Inv wiventory after which they need to "unfund" and have a stop loss - 5 after which they need to "slop" out" sell out unload = stop ony Inventory > Inv stop = sell out all Inv "stop means the offer (bid) increment I market a until they have reduced or Hely mound unventor)

The game starts with the M market makers making prices in market size" with a spread defined by f(size) around 5.

I would introduce small & random variation around this to make market makers slights defferent. Roon-1: Go to investor I, He looks of the prices and \$ to using e and of boys / sell, an amount A where A = g(Z score)
to the market maker with the best price.

Up this (or not trade). Round 2 - Market makes make price price our shows "
Shorts bid there Market makers with zero unv make pries around P. longs Lotter S more short inv. bid S more (& la le definel). This is the "new marked" for In repeal

he Juns the investor group and gots a best bid in I unit wat until he is back in Inv limits If a market maker hits Pth stop loss

So the he Joins investor group and

gets first jo on next round. Hithing the

best sid in his whole Inv size The market maker than regains the market making group on making prices. In the first case with Inventory = Inv As an expansion you can have stop I =ses
for the investors. (But most Real Money
Investors do not have stops only hedge
funds ___ so can may be mix it Jp) another set of investors who are momenture driver rather than "value" to see what happens.

"value or absolute" Model N unvestors I, In given a numbere; between 0 and 10 (can be decimals) which represents their veto economists/ analysts valuation of a stock Each investor has a standard deviation of 5, --- 5N their value in mind. Each investor has N units of risk to buy or sell. Once co. inventory gold that investor slops trading.

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There are M market makes M, MM Market nakes make - 2 van prire around a "mid" (to be elaborated a later) The spread s spre = f (size) and is the same for all market makers. Market makers can hold max Inv.
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they need to "slop" out" unload = stop ony Inventory > Inv stop = sell out all Inv. What has the off (but agressing hance of the bound of the bound of the bound of the bound of the second of the sec

The game starts with the M market makers making prices in market size" with a spread defined by f(size) around 5.

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If Not (or not trade): A determines the sprend (A) Round 2 - Market makes make prialogound
Shorts bid there 1 Market makers with zero unv make pries around p, longs loffer & more short inv. bid & more (& longs ledgael). This is the "new marked" for In (investor2) repeal * Maybe with small & variations

he wast maker exceeds Inv then he was the is back on Inv timets to holding Inv. in inventory If a market maker hits Pth shop loss

So the he joins investor snop and

gets first jo on next round. Hithin the

best sid in his whole Inv size. The market maker than regains the market making group in making prices. In the first case with Inventory = Inv for the investors. (But most Real Money Investors do not have stops only hedge funds ... so can may be mix it up) - Also you might want to Introduce another set of investors who are momenton driver rather than "value" to see what happens.