A GAME DESIGNED Sharpe Trader BY STATHI AUDIS A Sharpe-ratio maximization game with assets represented by trading cards Game Rules Level 1: Up to two assets only, four cards shown. Example ("Eosy")

By considering strong 2 K E(r) value · Player forms portfolios The symbol type symbol value value of assets by picking up By considering swapping D with A or C, the trading cards showing lasset type, E[r] 8-15 player can access E[] A · Can only hold up to a · Score = Shaupe first current better Sharpe ratios Since A is a new certain # cards, depending ratio of chosen asset, player can on level. Can discard cards to pick up others. Point on frontier now choose a point as their optimal risky portfolio (O.R.P.) Player dumps D, · Game shows mean-vow frontier; · Game over of A and B of current portfolio; Player: when clock ends and (mistakenly) Player chooses of picks up A > the light chooses a point on the frontier every time o blue point s/he picles up a Asset cards, changing fast new courd or Level 2: Up to three assets only, nine cards shown replaces an old Hint: For more ("Medium") ORP guess one than two assets, you can Example: 1 Moute Carlo the frontiers EXAMPLE GAME offline and store them in a file. 2 8 Alternatively, you can use matrices, Level 3: Up to four asset, sixteen cards shown