Median ranks of Players Meta Winner Memory One: 3 CollectiveStrategy ZD-Extort-4: 0.2352941176 Prober 4 Feld: 1.0, 0.5, 200 Predator ZD-Extort-2: 0.1111111111 Remorseful Prober: 0.1 DoubleCrosser: ('D', 'D') BackStabber: ('D', 'D') ZD-Extort-2 v2: 0.125, 0. CollectiveStrategy Worse and Worse 2 Winner21 Stalker: D Tullock: 11 Feld: 1.0, 0.5, 200 Predator Hard Prober Naive Prober: 0.1 Tester Joss: 0.9 PSO Gambler 2\_2\_2 Noise 0 Handshake Doubler Evolved FSM 16 Noise 05 Prober 4 Defector Level Punisher Limited Retaliate 2: 0.08 Calculator Remorseful Prober: 0.1 Limited Retaliate 3: 0.05 NMWE Memory One: 31 playe Meta Majority Memory One: Limited Retaliate: 0.1, 2 MEM2 Aggravater Worse and Worse 2 Meta Hunter: 6 players Defector Hunter Meta Hunter Aggressive: 7 Cycle Hunter Better and Better Inverse Punisher Winner21 Nydegger Omega TFT: 3, 8 BackStabber: ('D', 'D') ALLCOTALLD Once Bitten Davis: 10 Prober 3 PSO Gambler 1\_1\_1 SolutionB5 Hard Go By Majority PSO Gambler 2\_2\_2 Math Constant Hunter Stalker: D Hard Go By Majority: 5 Hard Go By Majority: 40 Nice Average Copier PSO Gambler Mem1 Adaptive Hard Tit For Tat Evolved FSM 4 DoubleCrosser: ('D', 'D') Hard Go By Majority: 10 Hard Go By Majority: 20 Suspicious Tit For Tat Evolved HMM 5 EvolvedLookerUp1\_1\_1 EvolvedLookerUp2\_2\_2\_2 Average Copier Grumpy: Nice, 10, -10 Firm But Fair Fool Me Once Nydegger Forgetful Fool Me Once: 0 Hard Tit For 2 Tats Forgetful Grudger GrudgerAlternator Forgiver Forgiving Tit For Tat GTFT: 0.33 Hard Tit For Tat Champion General Soft Grudger: n=1 Inverse Inverse Punisher Gradual Hard Prober Grofman Grudger Grudger Forgetful Grudger Gradual Killer: ('D', 'D' GrudgerAlternator Grumpy: Nice, 10, -10 Evolved ANN 5 Noise 05 Cycler DDC Davis: 10 **Evolved ANN 5 Defector Hunter Evolved ANN** Desperate **Eventual Cycle Hunter** Eatherley Doubler Cooperator Prober 2 Eatherley Inverse Eventual Cycle Hunter Hard Tit For 2 Tats Evolved FSM 16 **Evolved ANN Evolved ANN 5** Soft Go By Majority: 40 Soft Go By Majority: 20 Evolved ANN 5 Noise 05 Evolved FSM 16 Soft Go By Majority: 5 Evolved FSM 16 Noise 05 Soft Grudger Evolved FSM 4 Soft Joss: 0.9 Evolved HMM 5 Spiteful Tit For Tat EvolvedLookerUp1\_1\_1 Worse and Worse 3 EvolvedLookerUp2 2 2 **Appeaser** Firm But Fair Alternator Hunter Contrite Tit For Tat Thumper Fool Me Once Tit For 2 Tats Tit For Tat Forgetful Fool Me Once: 0 Level Punisher Adaptive Tit For Tat: 0.5 Adaptive Pavlov 2011 Forgiver Forgiving Tit For Tat Winner12 Win-Stay Lose-Shift: C Fortress3 Two Tits For Tat Fortress4 GTFT: 0.33 VeryBad Soft Go By Majority: 10 Soft Go By Majority Adaptive Pavlov 2006 General Soft Grudger: n=1 Gradual Grofman Limited Retaliate 2: 0.08 Resurrection Cycle Hunter Champion Slow Tit For Two Tats 2 Limited Retaliate: 0.1, 2 Soft Go By Majority Retaliate: 0.1 Soft Go By Majority: 10 Soft Go By Majority: 20 ZD-GTFT-2: 0.25, 0.5 ShortMem Retaliate 3: 0.05 Soft Go By Majority: 40 Soft Go By Majority: 5 Retaliate 2: 0.08 Revised Downing: True Soft Grudger Soft Joss: 0.9 Contrite Tit For Tat ZD-GEN-2: 0.125, 0.5, 3 Alternator Spiteful Tit For Tat Random Hunter Adaptive Tit For Tat: 0.5 Cooperator Tester Shubik Adaptive Pavlov 2011 Punisher Sneaky Tit For Tat ThueMorseInverse Slow Tit For Two Tats Ripoff Tit For 2 Tats Sneaky Tit For Tat Tit For Tat Adaptive Adaptive Pavlov 2006 Fortress3 Tricky Defector Fool Me Forever Two Tits For Tat Meta Hunter Aggressive: 7 VeryBad Fortress4 Win-Shift Lose-Stay: D Win-Stay Lose-Shift: C FSM Player: [(0, 'C', 13, EasyGo NMWE Memory One: 31 playe ZD-Extort-4: 0.2352941176 FSM Player: [(0, 'C', 7, Winner12 Worse and Worse 3 ZD-GEN-2: 0.125, 0.5, 3 ZD-GTFT-2: 0.25, 0.5 Handshake Thumper Pun1 Limited Retaliate 3: 0.05 Stochastic Cooperator Meta Majority Memory One: ZD-Extort-2 v2: 0.125, 0. Slow Tit For Two Tats 2 Shubik Tullock: 11 MEM2 ZD-Extort-2: 0.1111111111 Cooperator Hunter Math Constant Hunter Meta Hunter: 6 players Nice Average Copier ZD-SET-2: 0.25, 0.0, 2 Cycler DC Omega TFT: 3, 8 Gradual Killer: ('D', 'D' FSM Player: [(0, 'C', 0, Once Bitten Meta Winner Memory One: 3 PSO Gambler 1\_1\_1 PSO Gambler 2\_2\_2 **Average Copier** Willing PSO Gambler 2\_2\_2 Noise 0 Stochastic WSLS: 0.05 PSO Gambler Mem1 Hesitant QLearner Slow Tit For Two Tats Defector Arrogant QLearner Prober Punisher Knowledgeable Worse and W Cautious QLearner Raider Risky QLearner Naive Prober: 0.1 Random Hunter Resurrection Retaliate 2: 0.08 ALLCorALLD Aggravater Joss: 0.9 Retaliate 3: 0.05 Retaliate: 0.1 Revised Downing: True Calculator Ripoff Raider Appeaser Alternator Alternator Hunter Random: 0.5 ShortMem Cycler CCCDCD Prober 2 Negation Opposite Grudger Cyčler DC Knowledgeable Worse and W ThueMorseInverse ZĎ-SET-2: 0.25, 0.0, 2 SelfSteem Bully ThueMorse Negation Bully Pun1 Anti Tit For Tat Anti Tit For Tat Cycler CCD Stochastic Cooperator AntiCycler SolutionB1 Desperate Worse and Worse ThueMorse SelfSteem Better and Better EasyGo Win-Shift Lose-Stay: D Fool Me Forever Cycler DDC Willing Prober 3 Stochastic WSLS: 0.05 Random: 0.5 Suspicious Tit For Tat SolutionB5 Risky QLearner Hesitant QLearner Arrogant QLearner Cautious QLearner Hard Go By Majority: 10 Hard Go By Majority Hard Go By Majority: 5 Hard Go By Majority: 40 Hard Go By Majority: 20 Cooperator Hunter Worse and Worse Prober Opposite Grudger Cycler CCCCD Cycler CCCDCD Cycler CCD Hopeless ÁntiCycler Cycler CCCD Hopeless Cycler CCCCD Tricky Cooperator SolutionB1 Tricky Defector Cycler CCCD Tricky Cooperator π 2