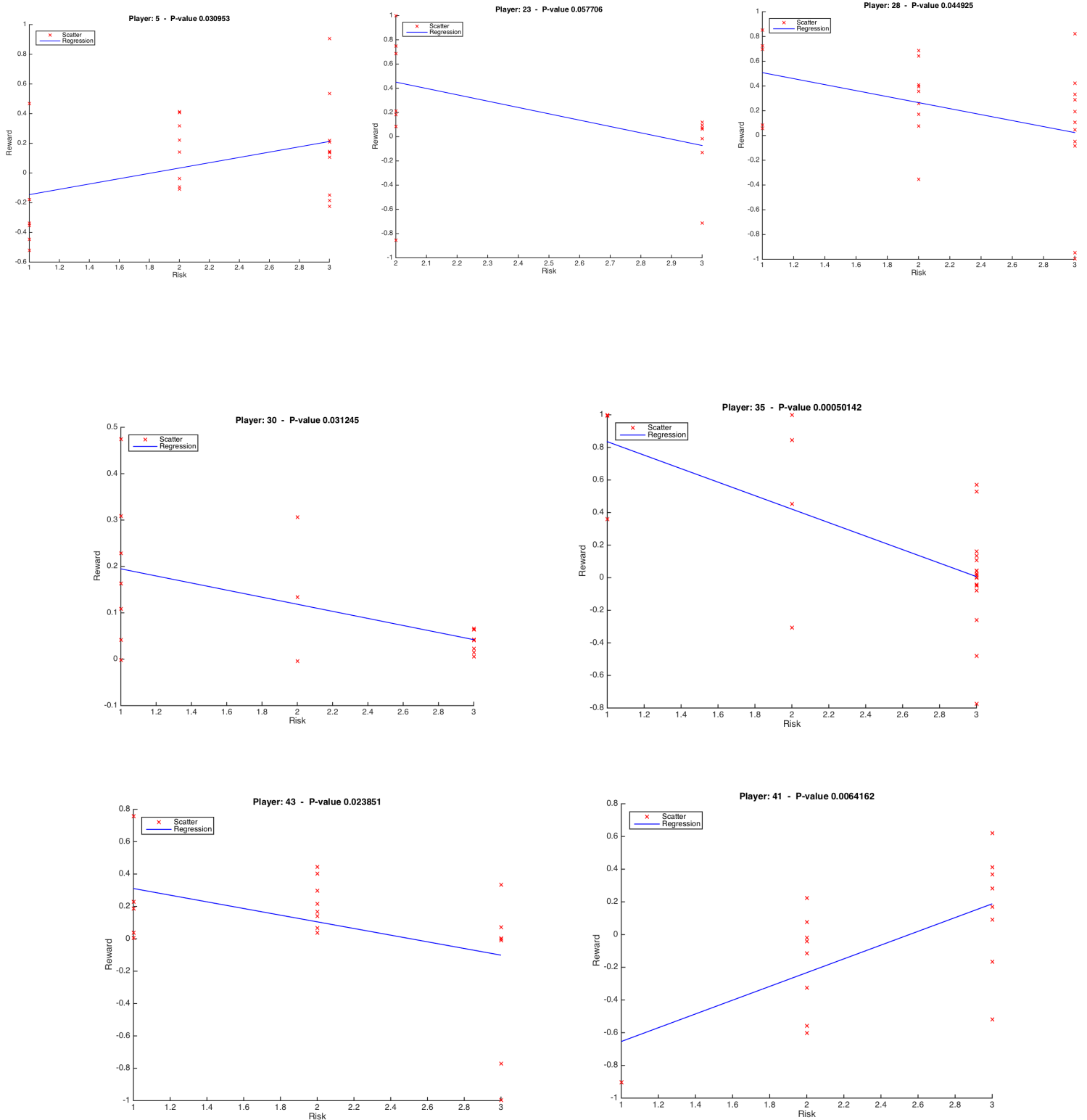


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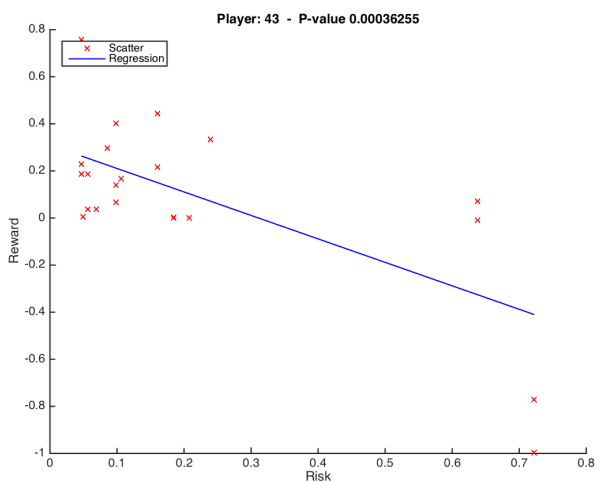
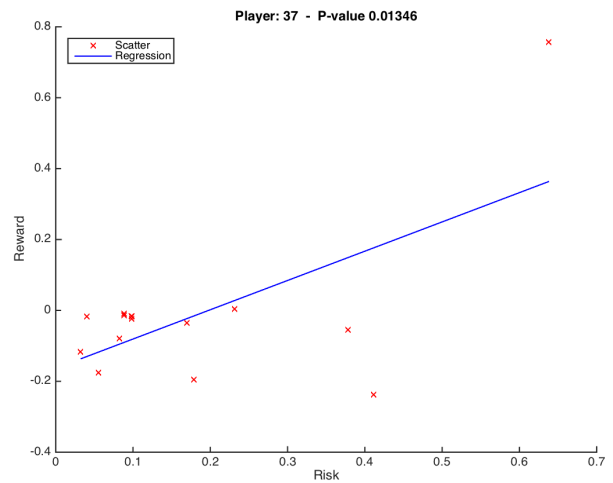
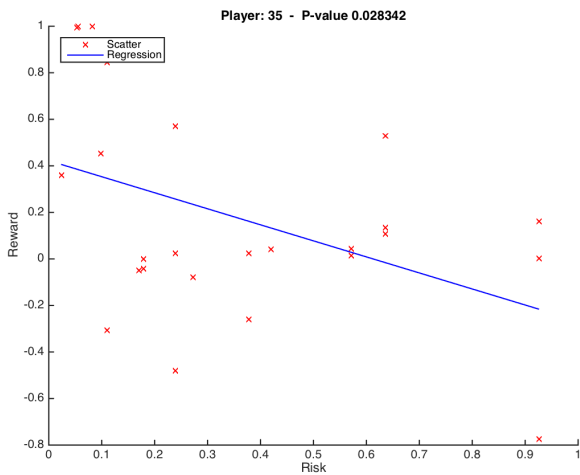
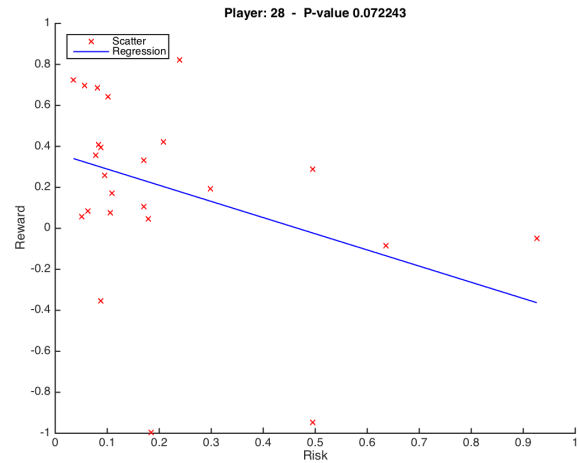
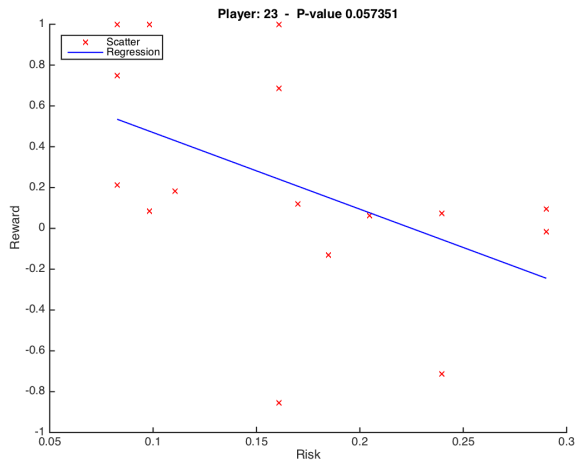
Risk-Reward correlation (discretised)

Discretising the risk in three bins raises a problem for those players who play always from the same bin of riskiness.

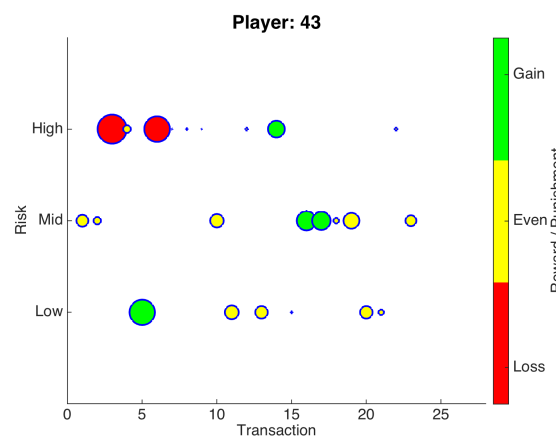
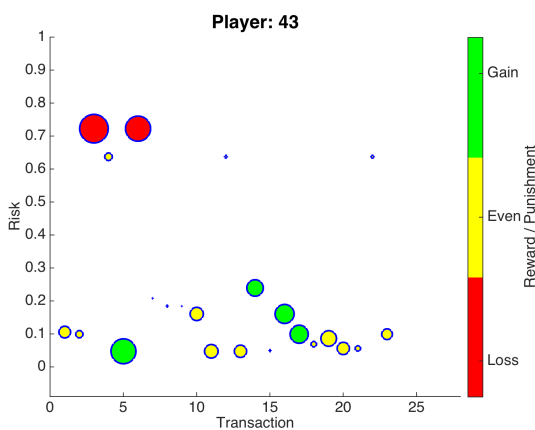
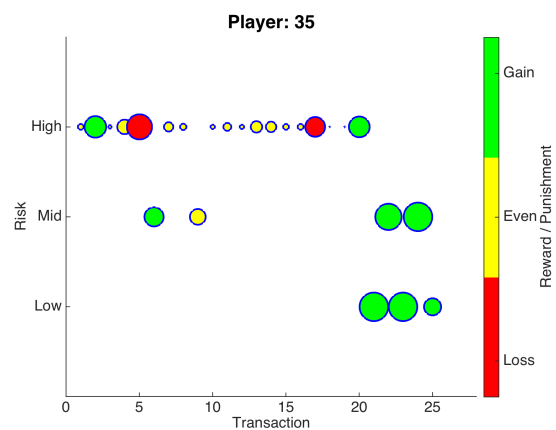
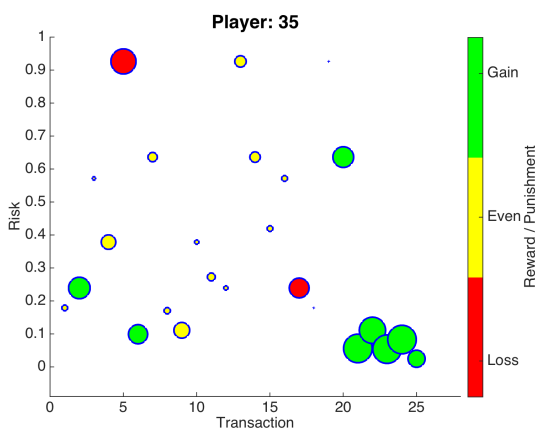
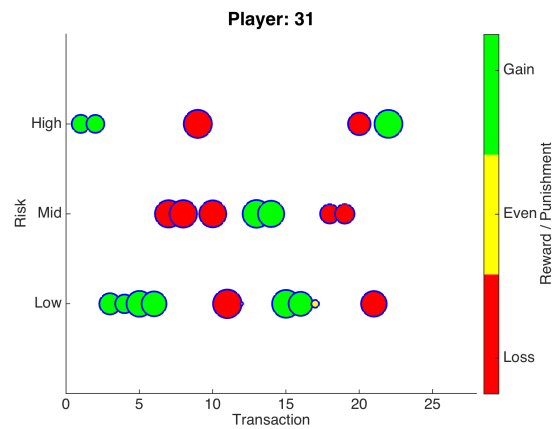
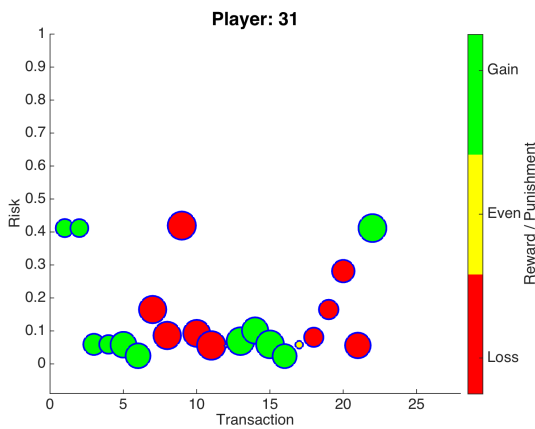
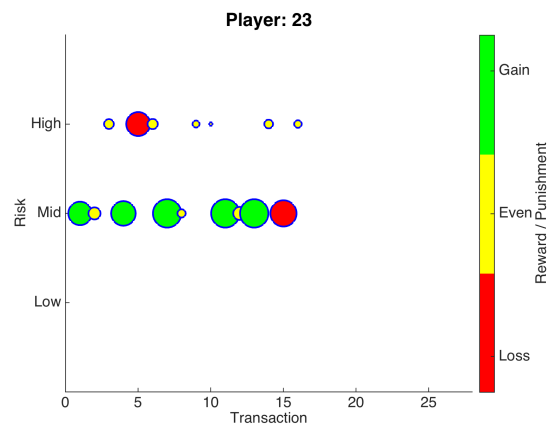
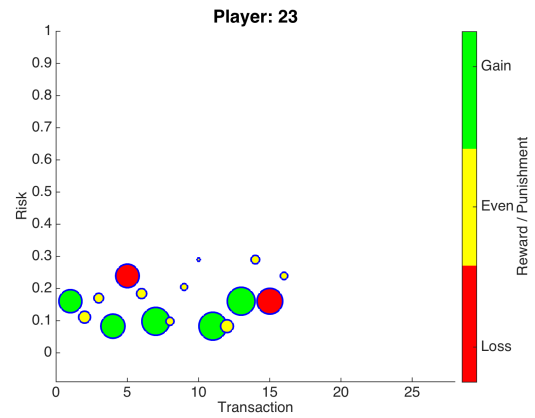


Risk-Reward correlation (non-discretised)

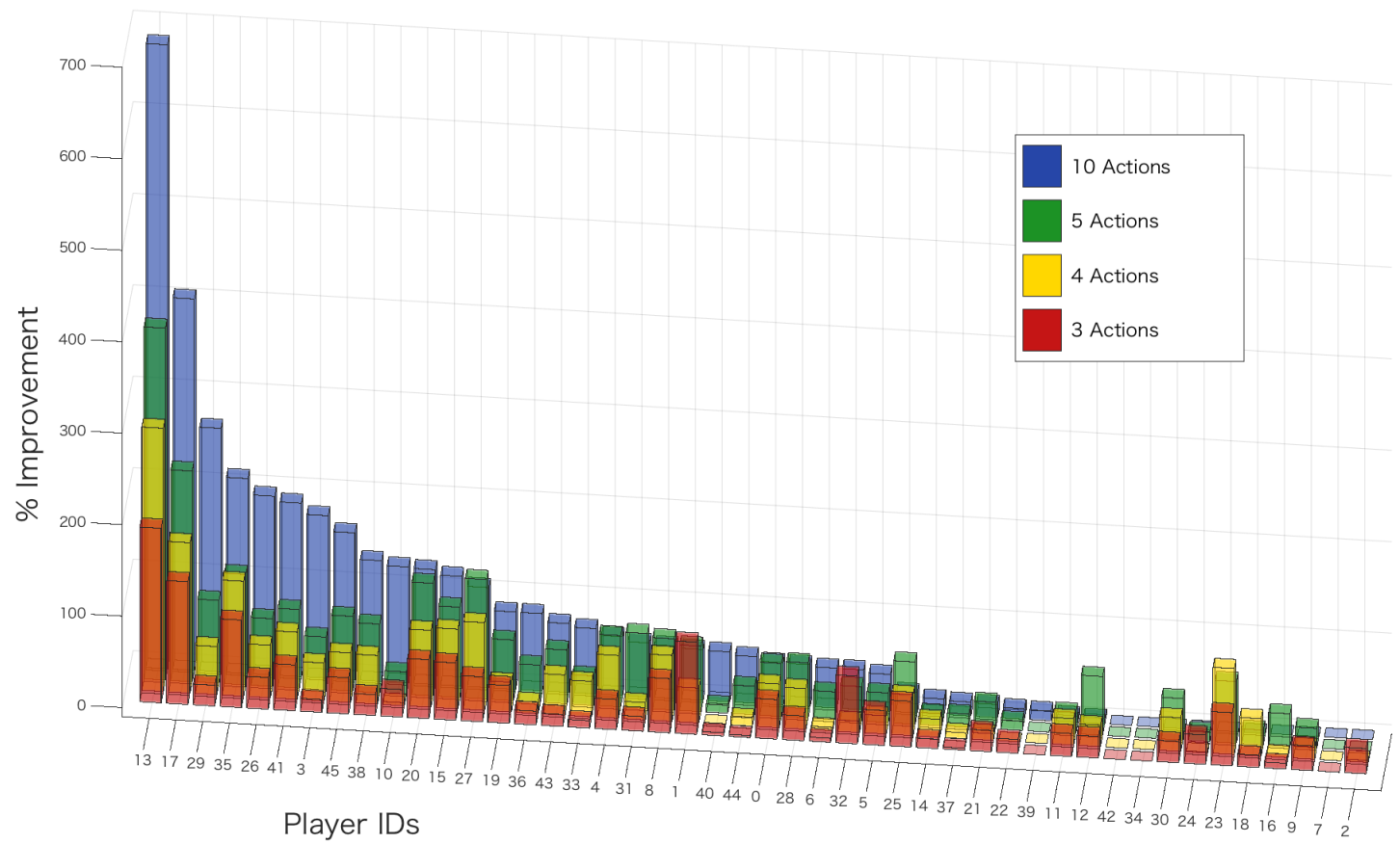
There is some consistency between the two versions of the correlation study (non-discretised vs discretised).



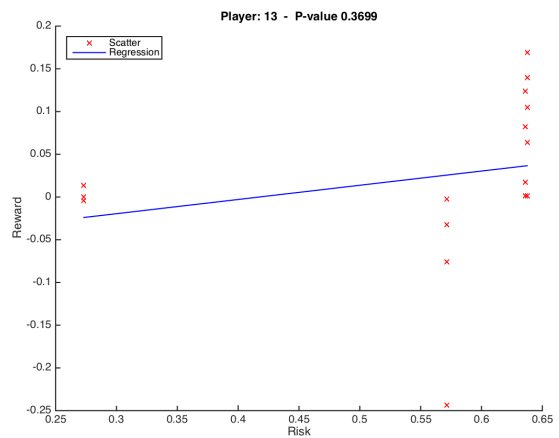
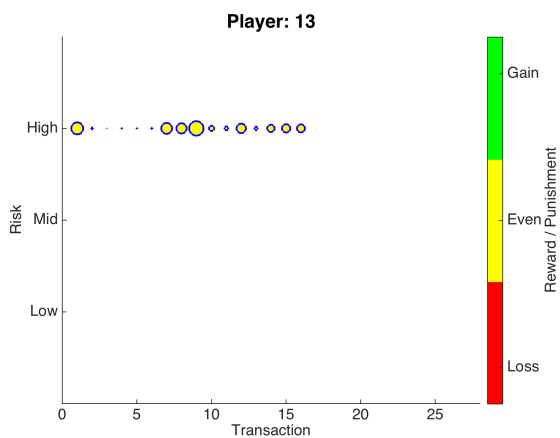
Action selection timelines (non-discretised vs discretised)



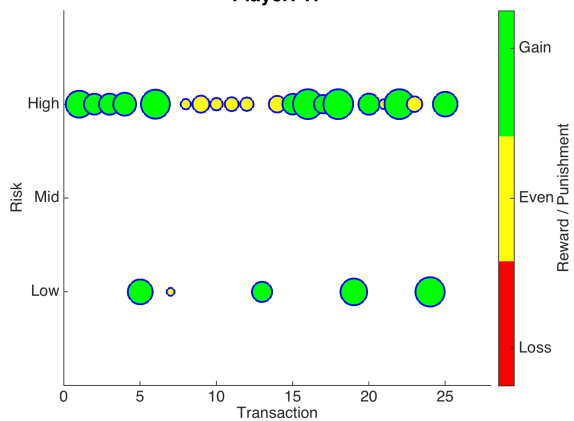
Precision improvement (RL vs random)



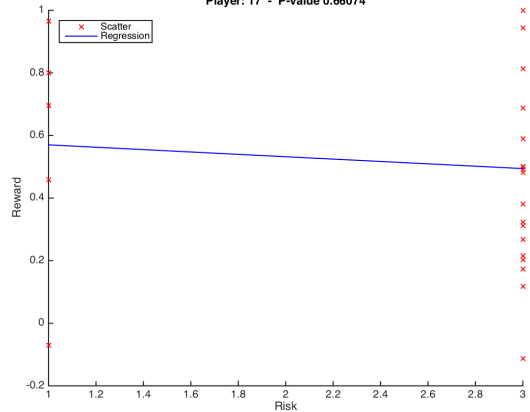
Best players timelines and correlations



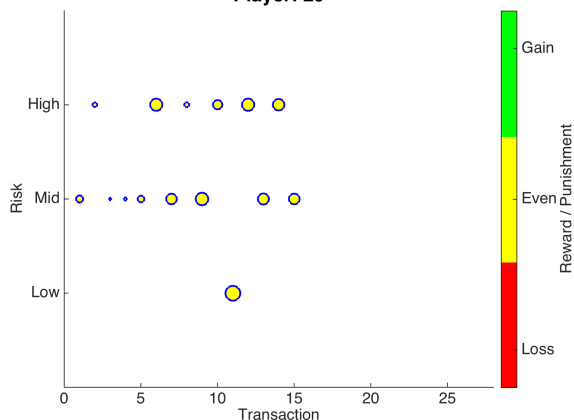
Player: 17



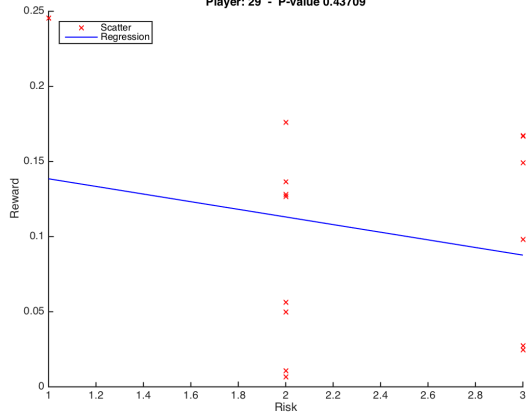
Player: 17 - P-value 0.66074



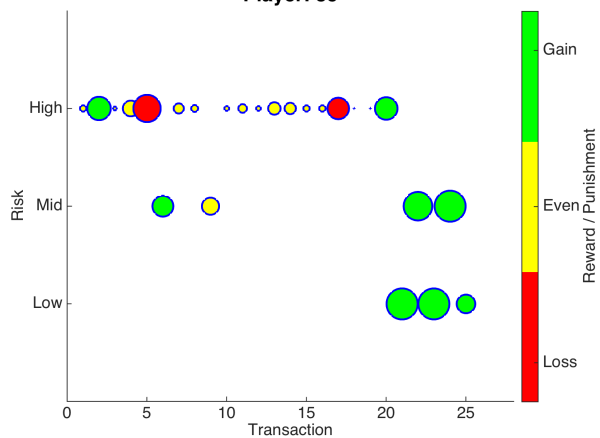
Player: 29



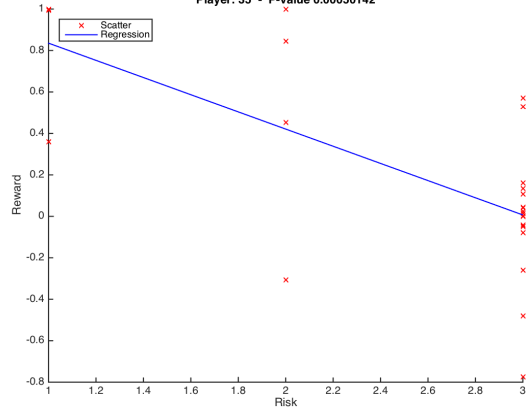
Player: 29 - P-value 0.43709



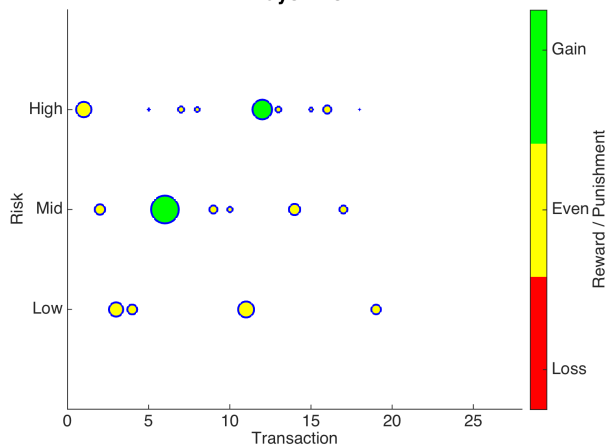
Player: 35



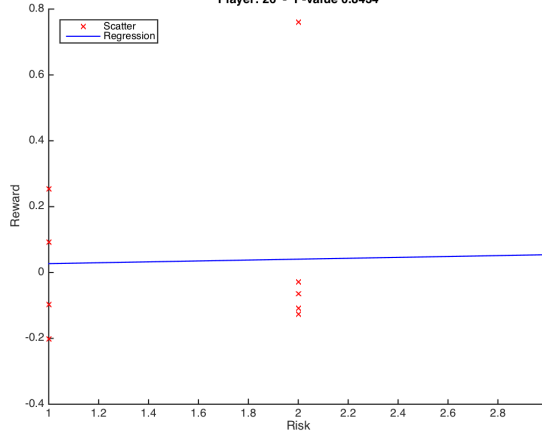
Player: 35 - P-value 0.00050142



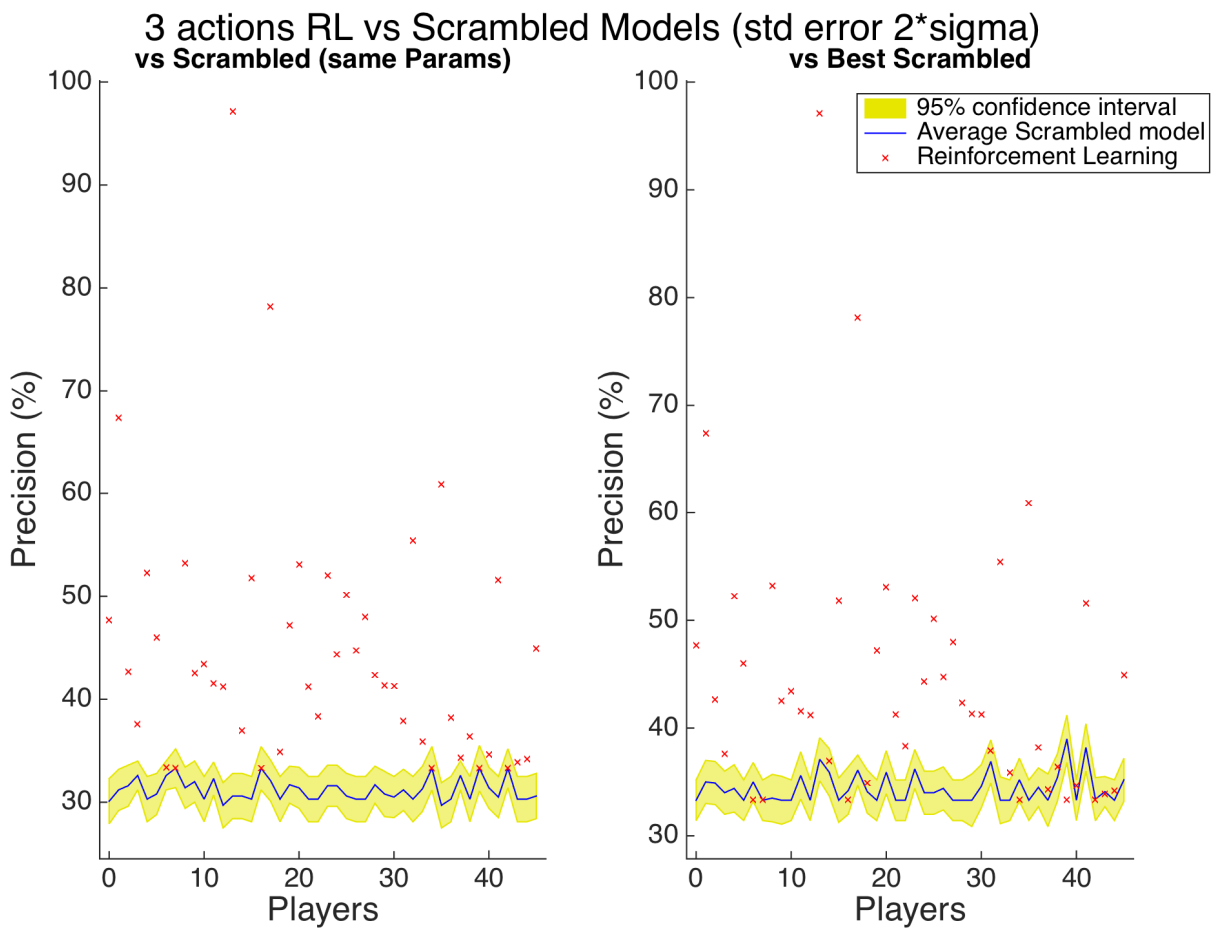
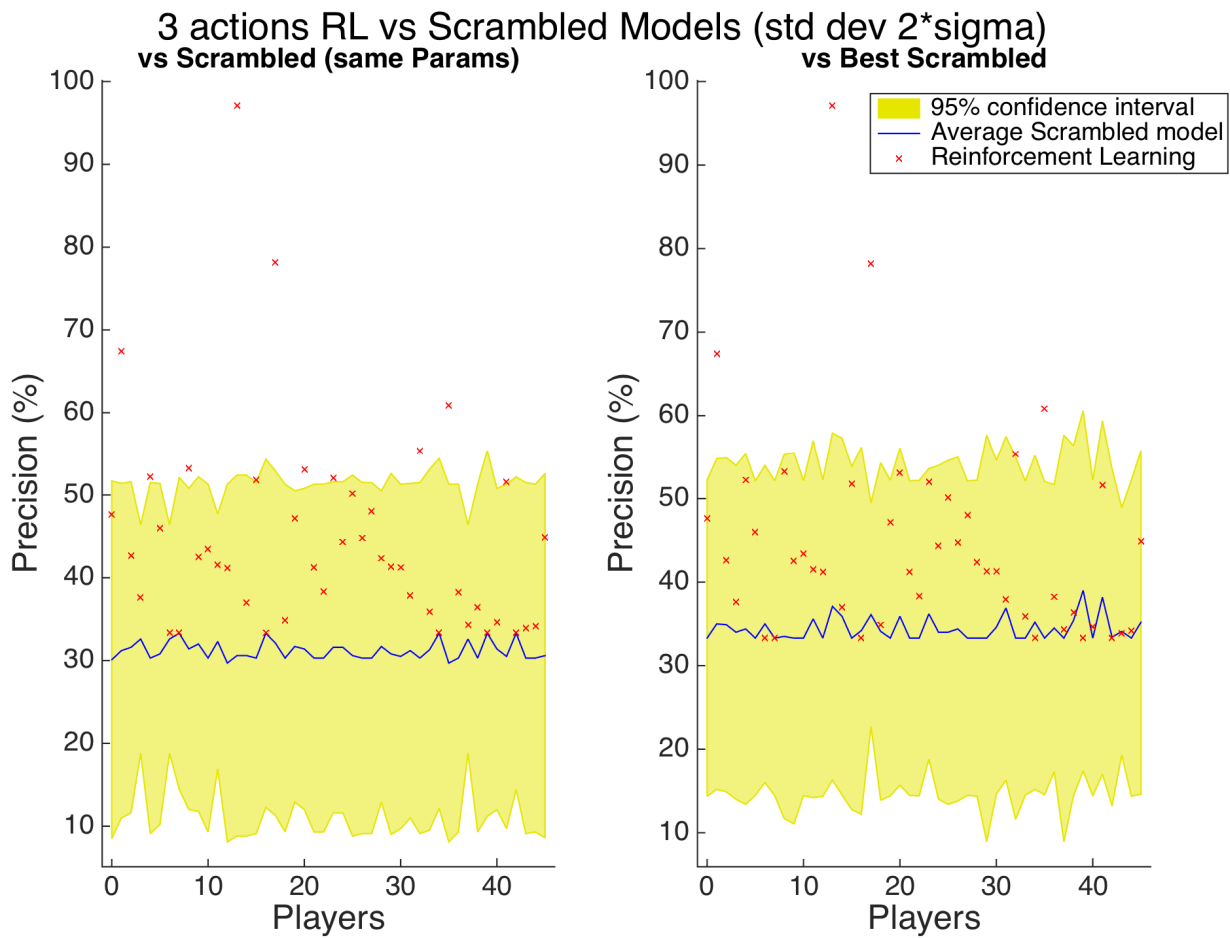
Player: 26



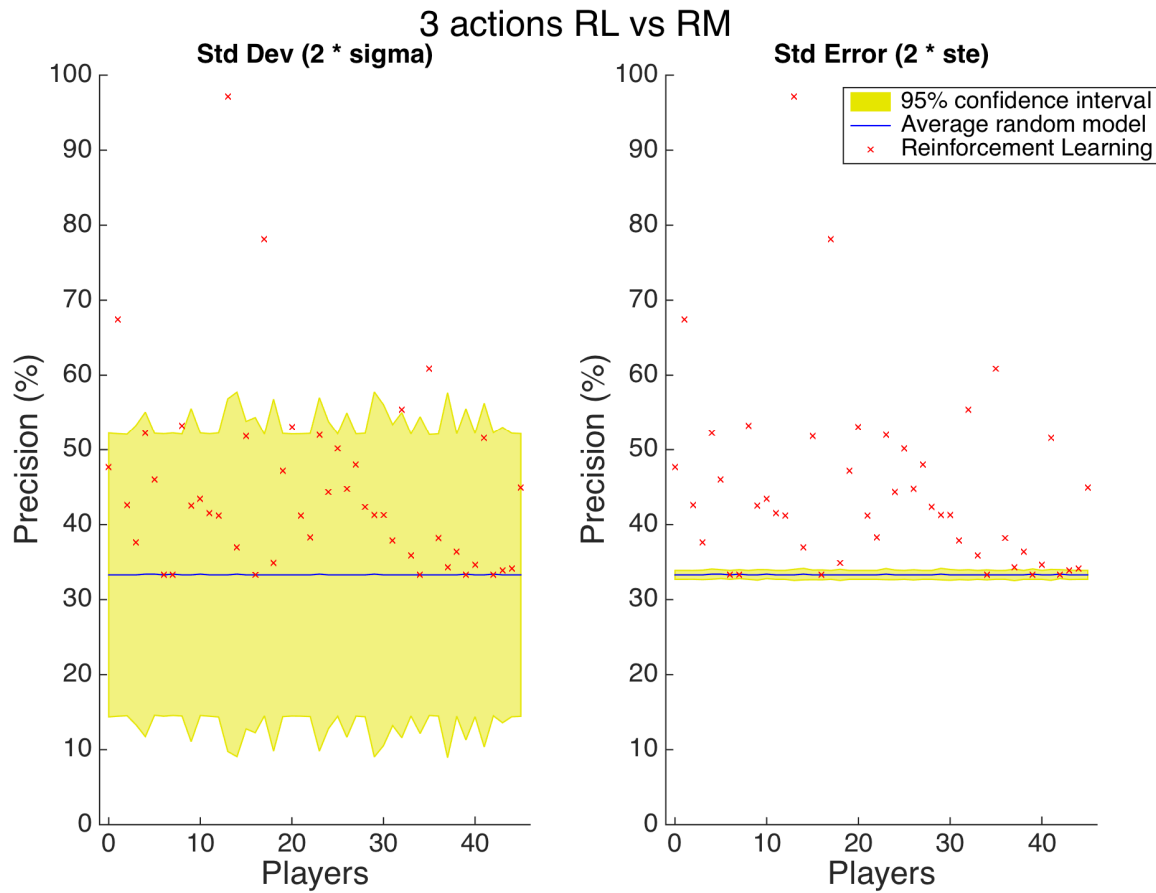
Player: 26 - P-value 0.8434



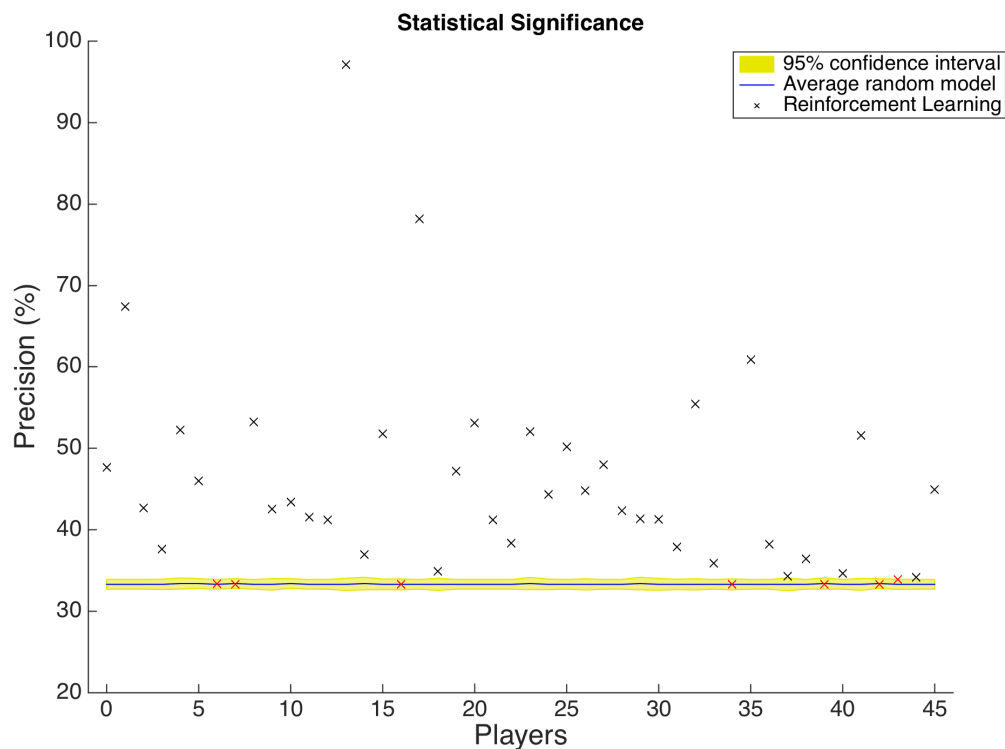
Riskiness ranked action bins vs Scrambled bins



Reinforcement Learning (softmax) vs Random Action Selection



Statistical Significance: P-values (vs random and MLE ratio)



Precision - Maximum Likelihood Estimate correlation

