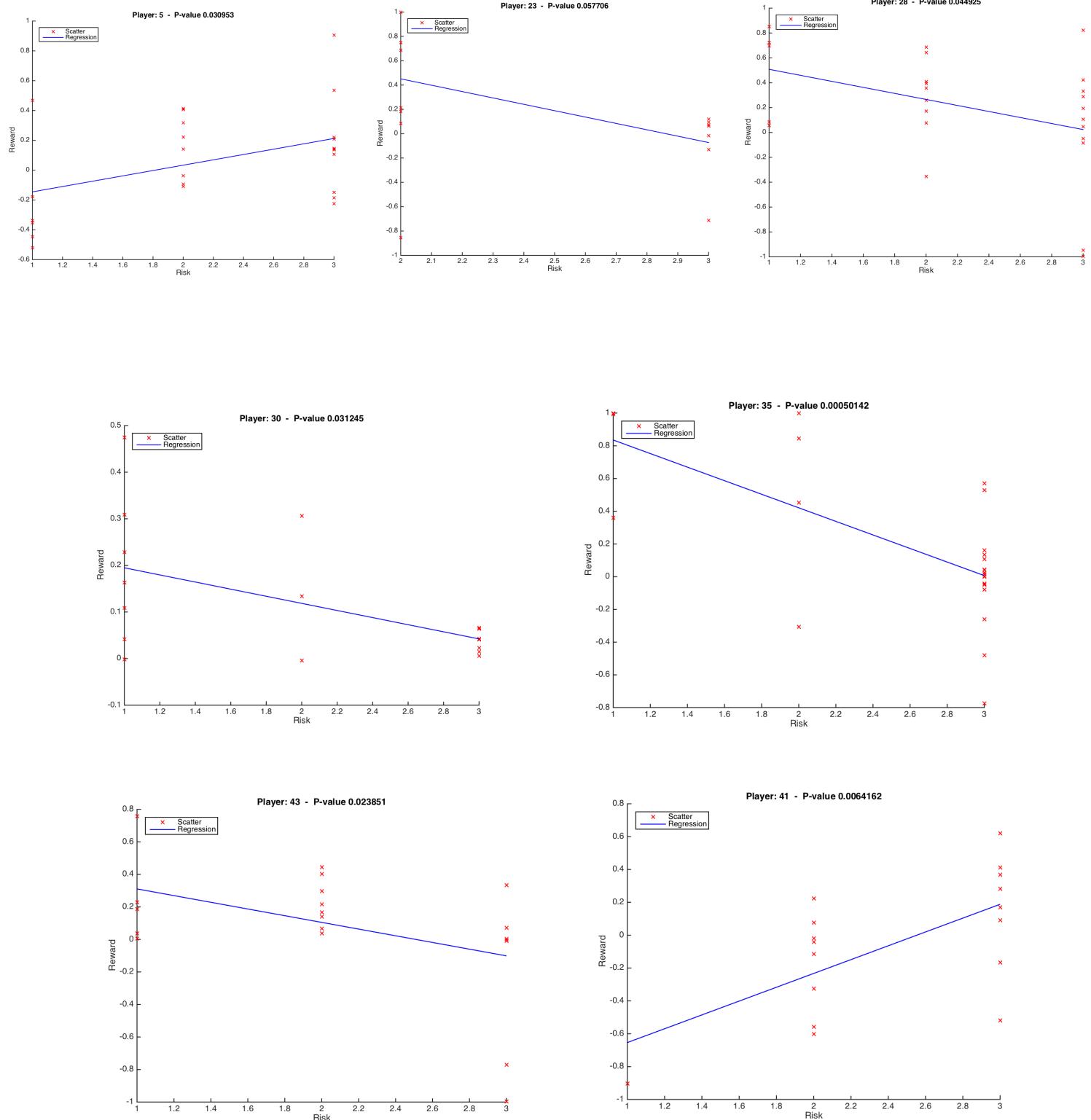


# WRAP UP report - 15 July 2015

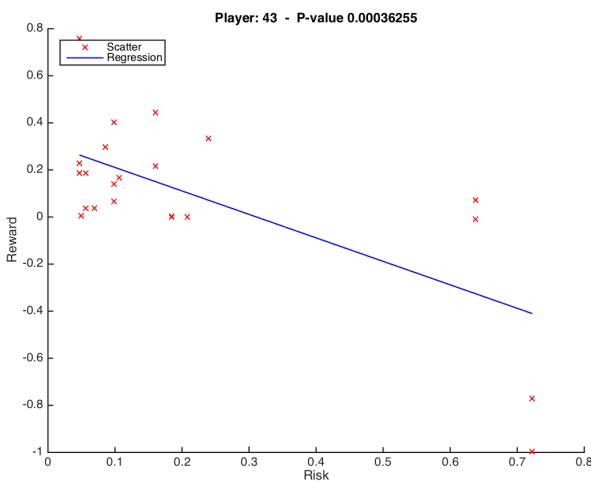
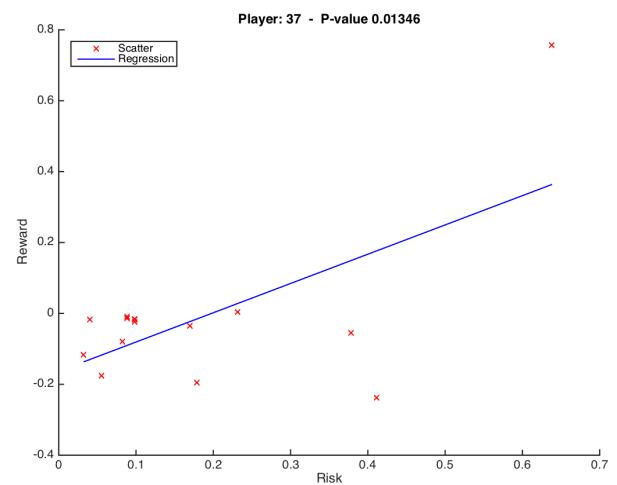
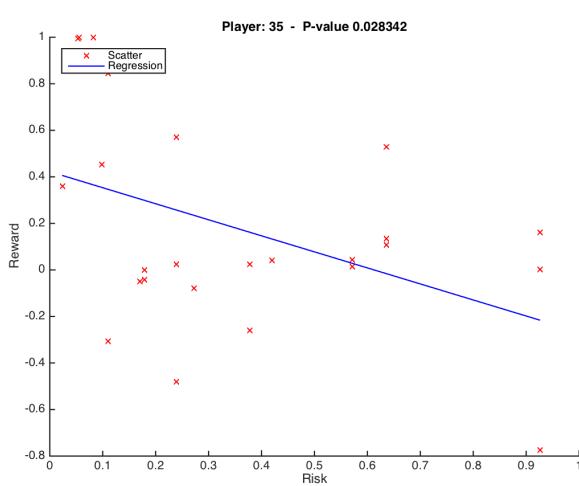
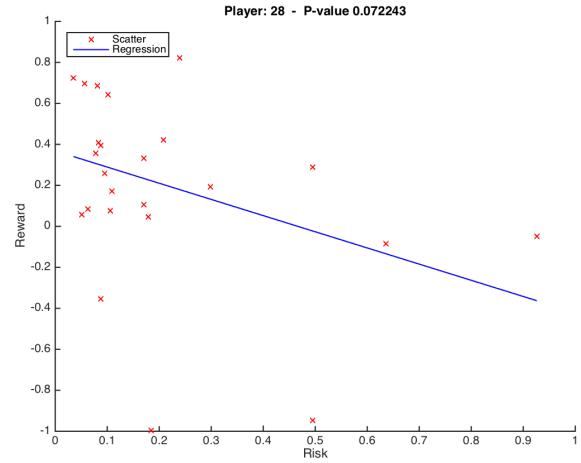
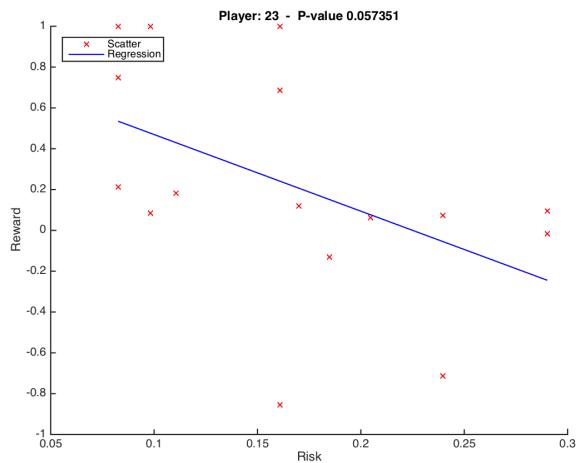
## Risk-Reward correlation (discretised)

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

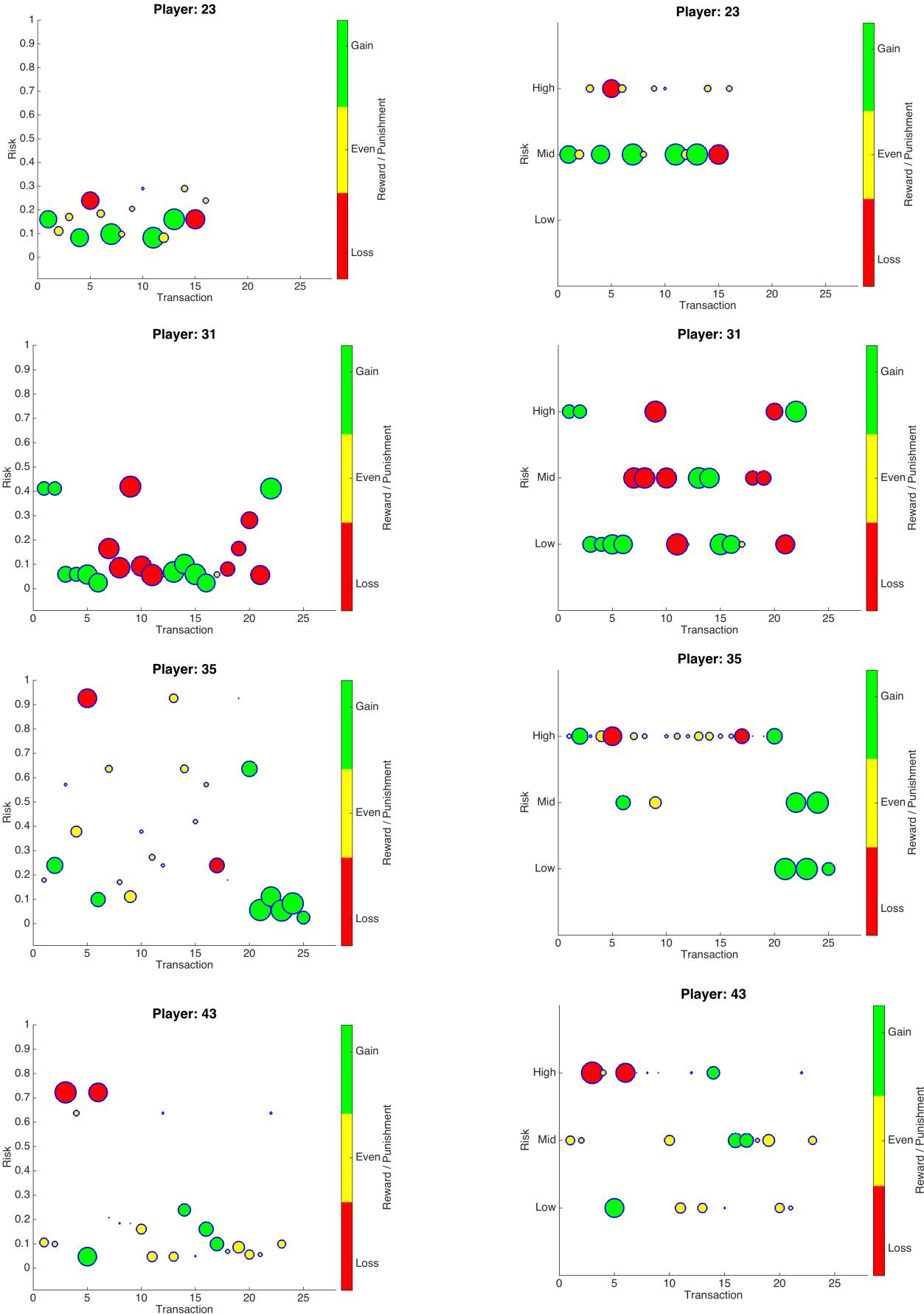


## Risk-Reward correlation (non-discretised)

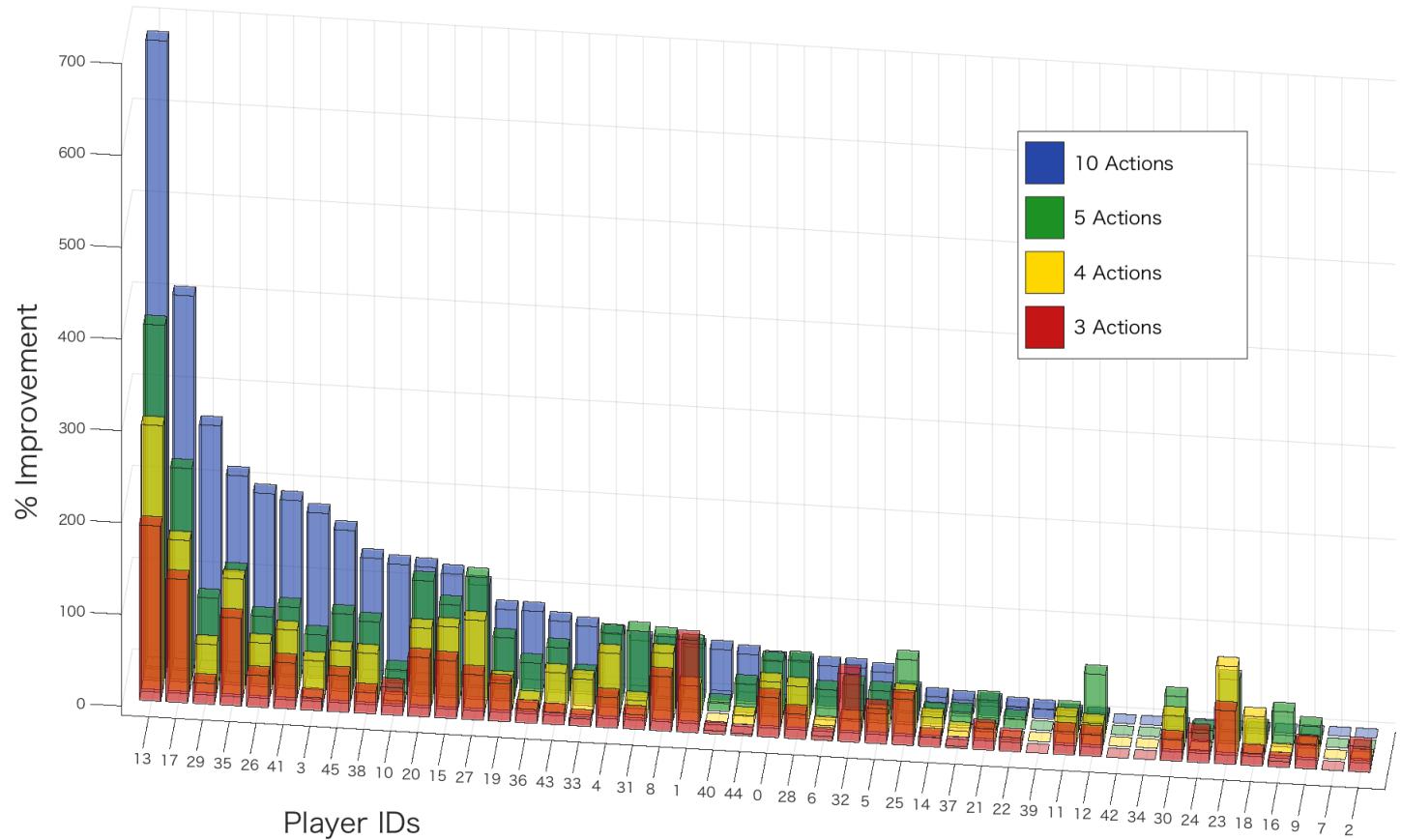
There is some consistency between the two versions of the correlation study (non-discretised vs discretised).



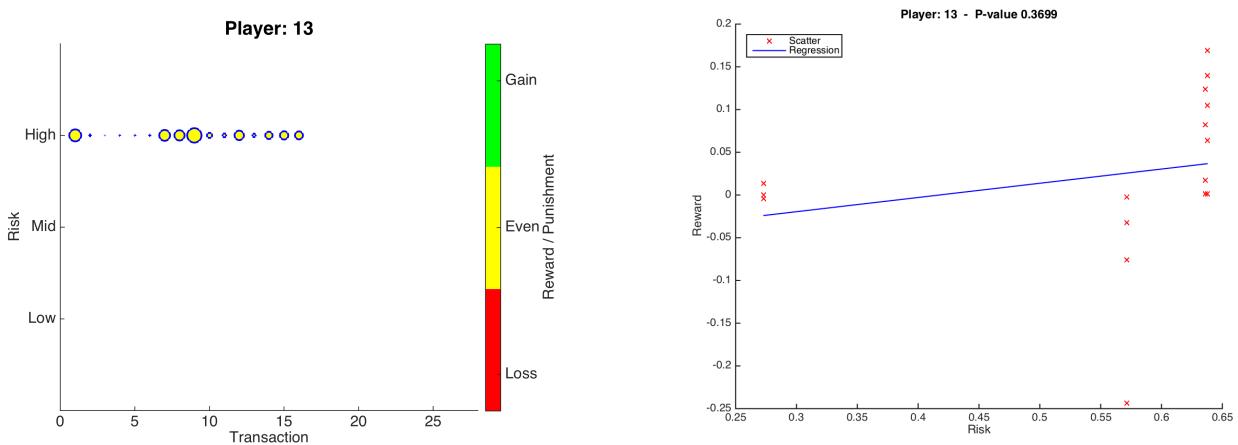
## Action selection timelines (non-discretised vs discretised)

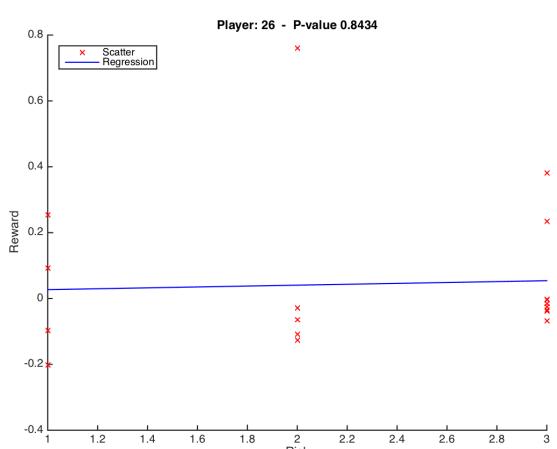
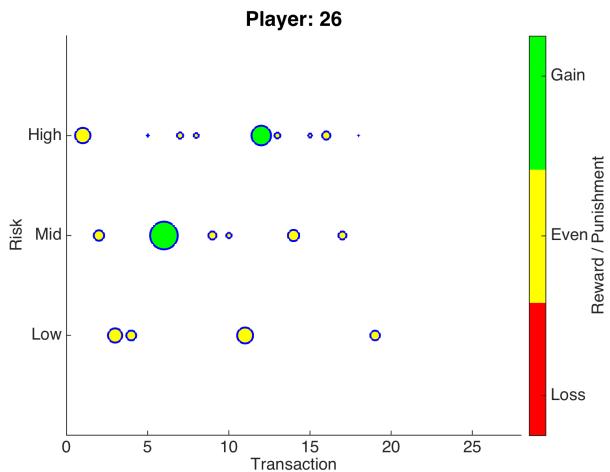
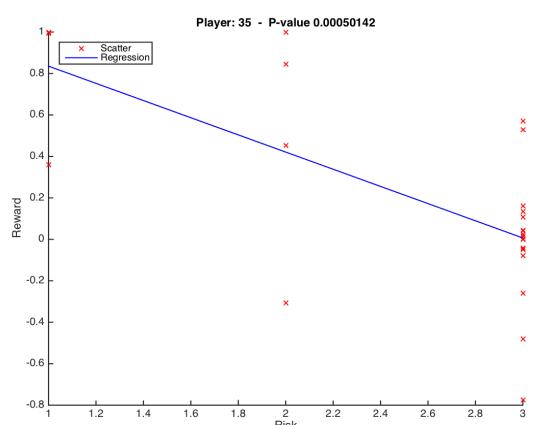
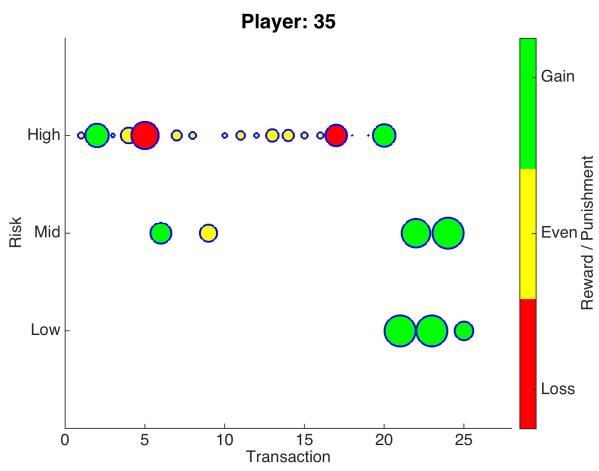
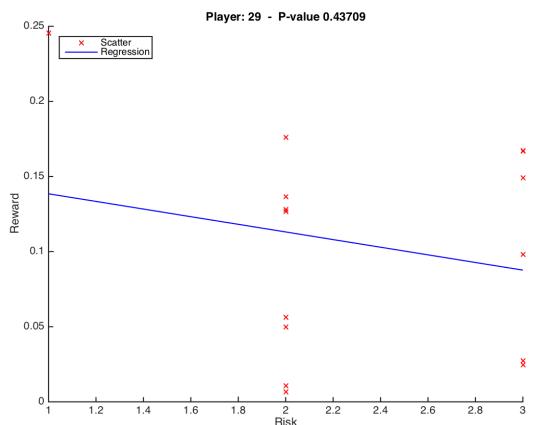
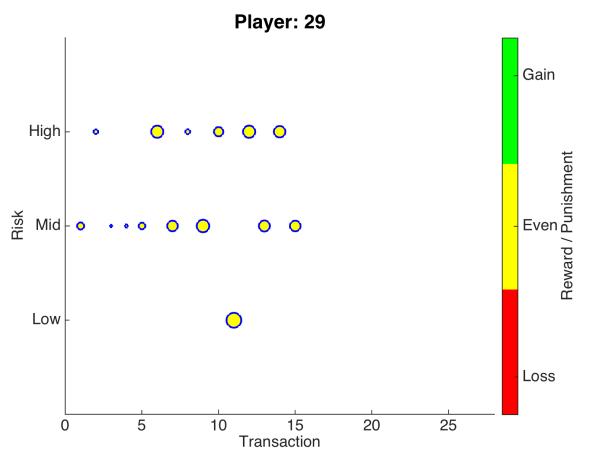
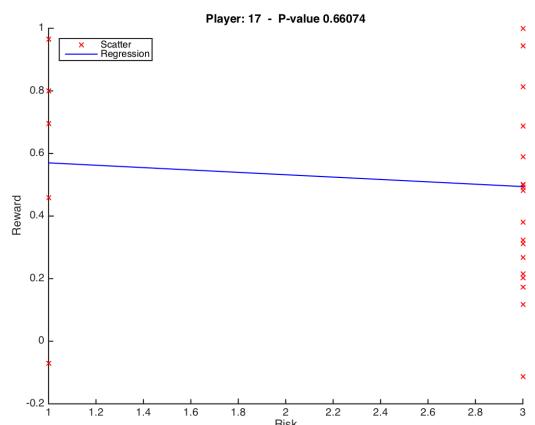
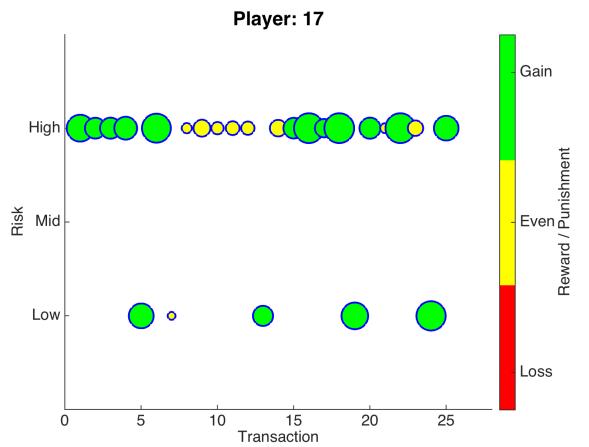


## Precision improvement (RL vs random)

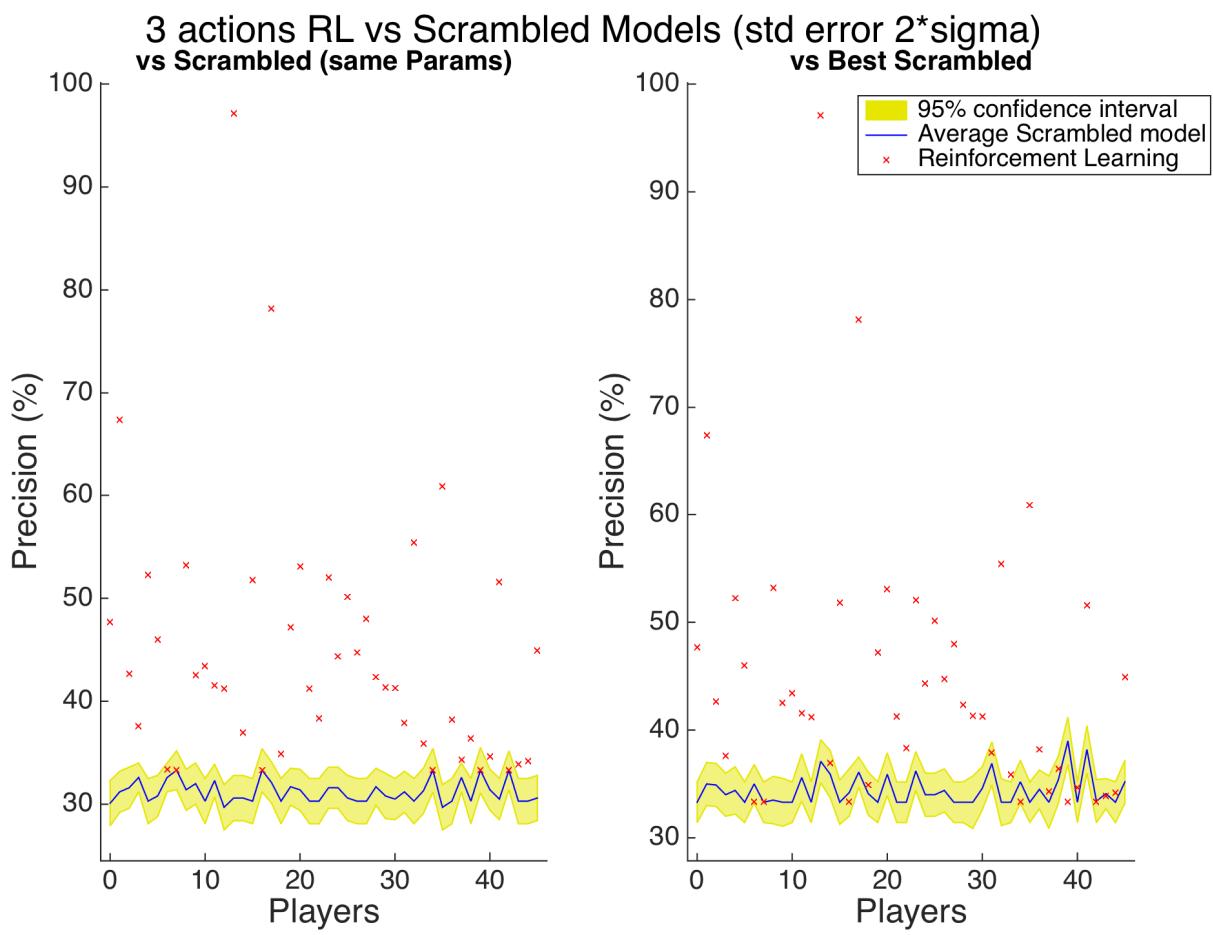
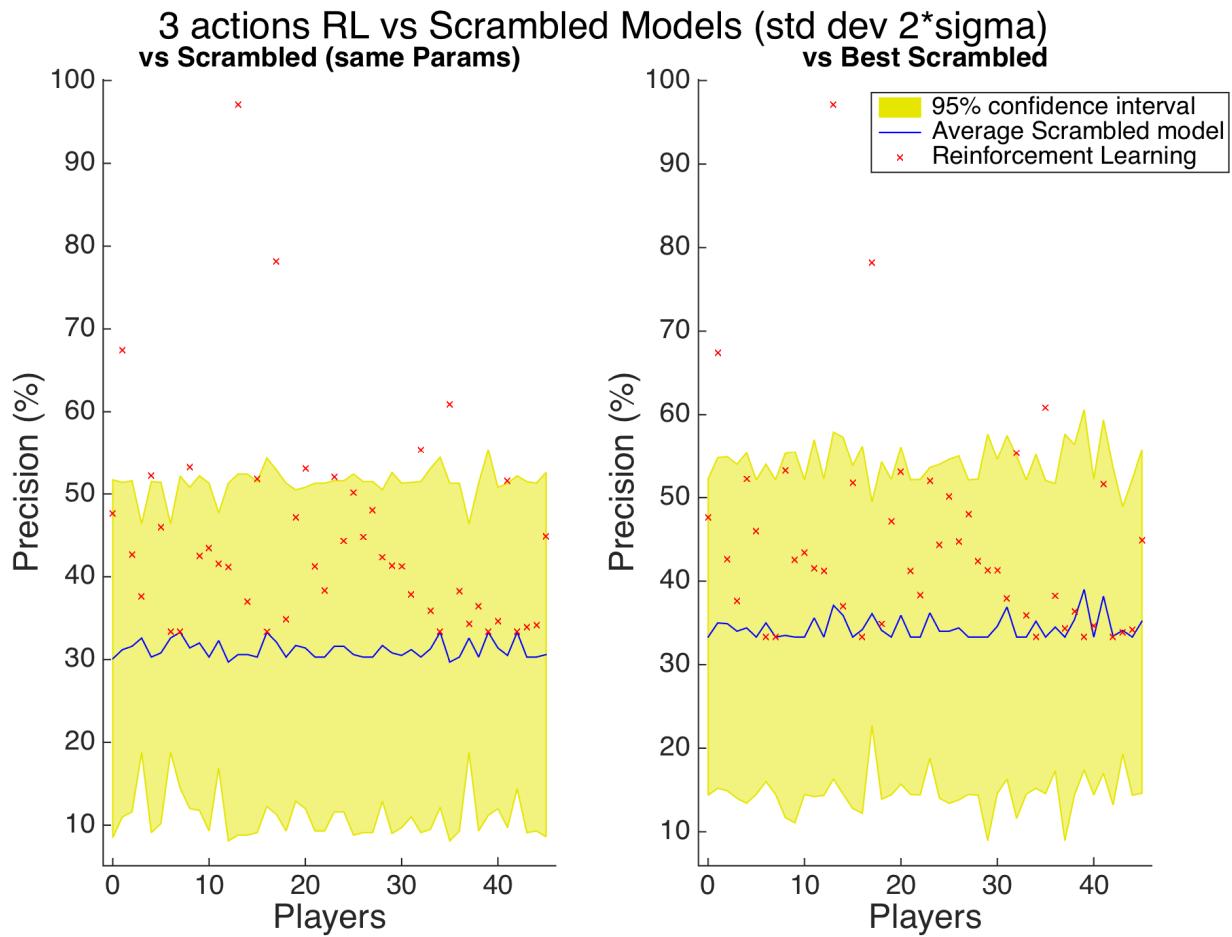


## Best players timelines and correlations

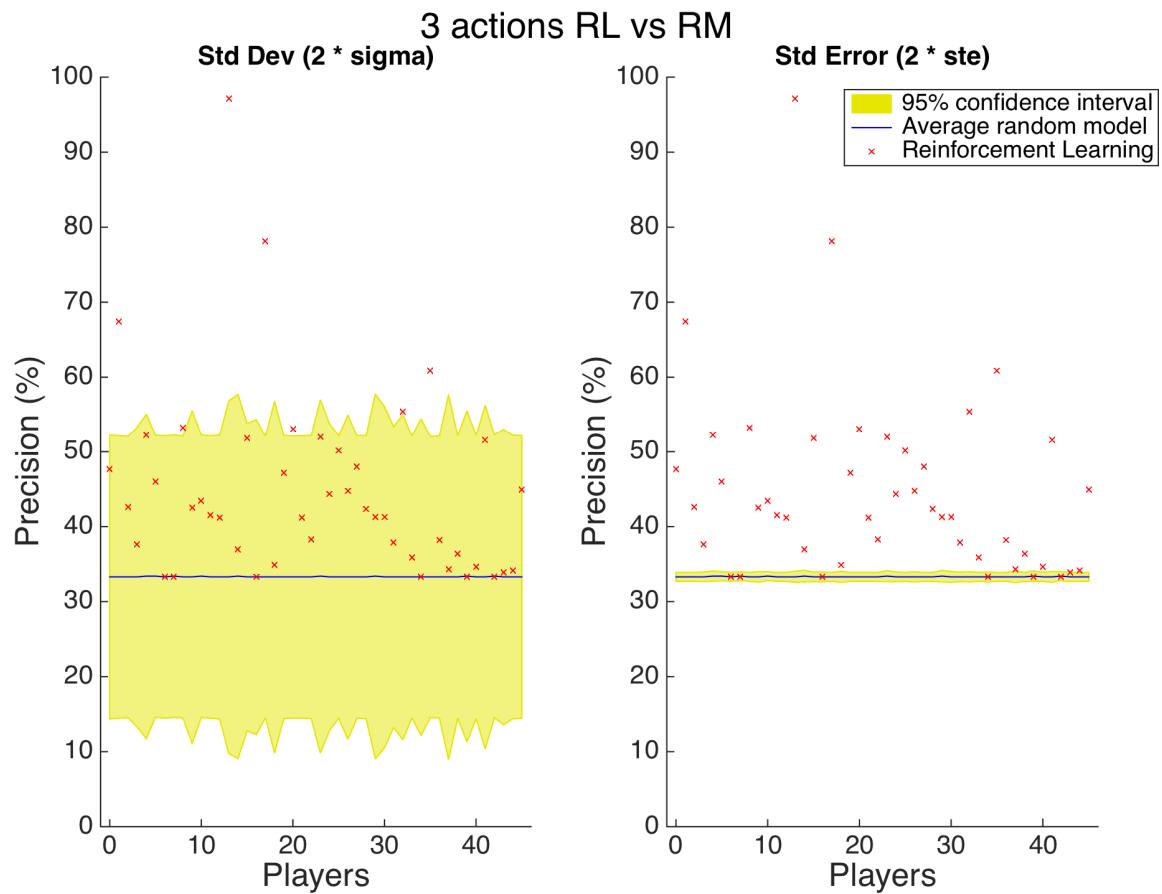




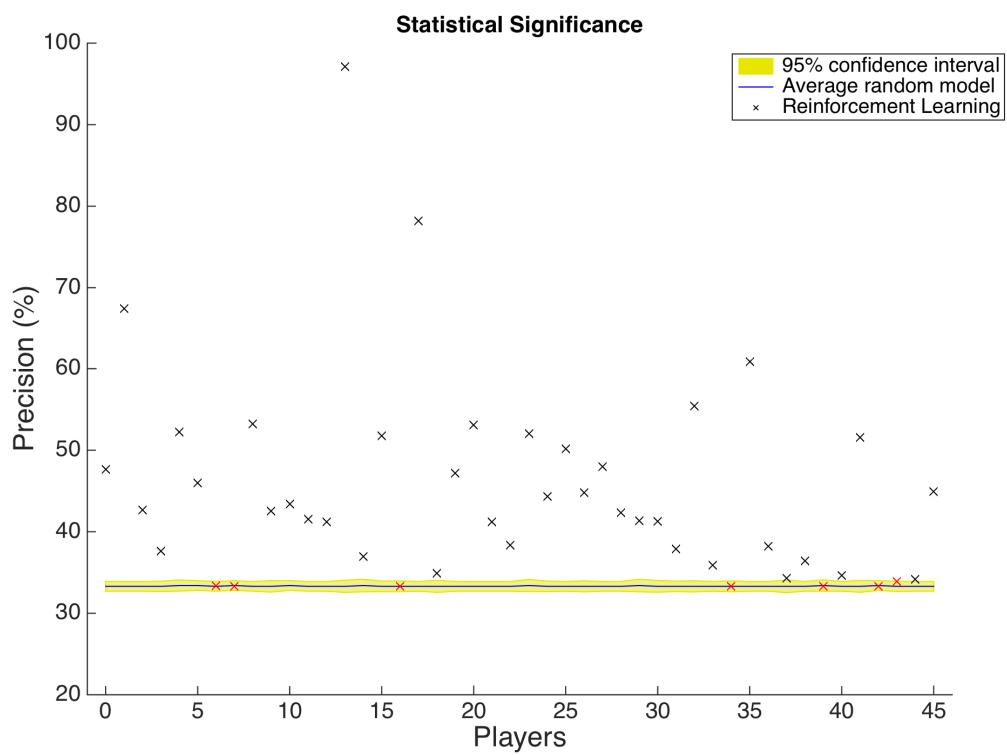
## Riskiness ranked action bins vs Scrambled bins



## Reinforcement Learning (softmax) vs Random Action Selection



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



## Precision - Maximum Likelihood Estimate correlation

