Clustering

Knowledge Representation

Student modeling individualization and prediction
Pardos, Z.A., Heffernan, N. T. (In Press) Using HMMs and bagged decision trees to leverage rich features of user and skill from an intelligent tutoring system dataset. Journal of Machine Learning Research W & CP. *Invited article *WPI research award *KDD Cup solution article


Tutor evaluation (modeling content for its assessment and learning value)


