

IRT: Item Response Theory (1980s)

AFM: Additive factor model
(Cen, Hao, Koedinger, Junker, 2006)

PFA: Performance Factor Analysis
(Pavlik, Cen, Koedinger, 2009)

Logistic Regression

MIRT: Multidimensional Item Response Theory

SPARFA: Sparse Factor Analysis

Factorization Machines (Rendle, 2012)