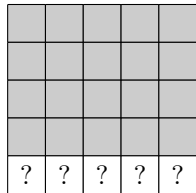
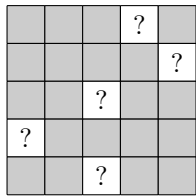


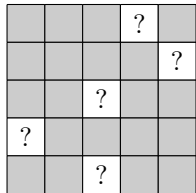
In-matrix predictions



Out-of-matrix predictions

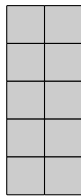


Matrix factorisation

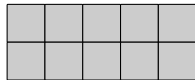


Matrix tri-factorisation

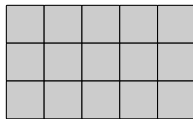
\approx



Row factors



Column factors



\approx



\approx



Multiple matrix factorisation



\approx



\approx



Multiple matrix tri-factorisation