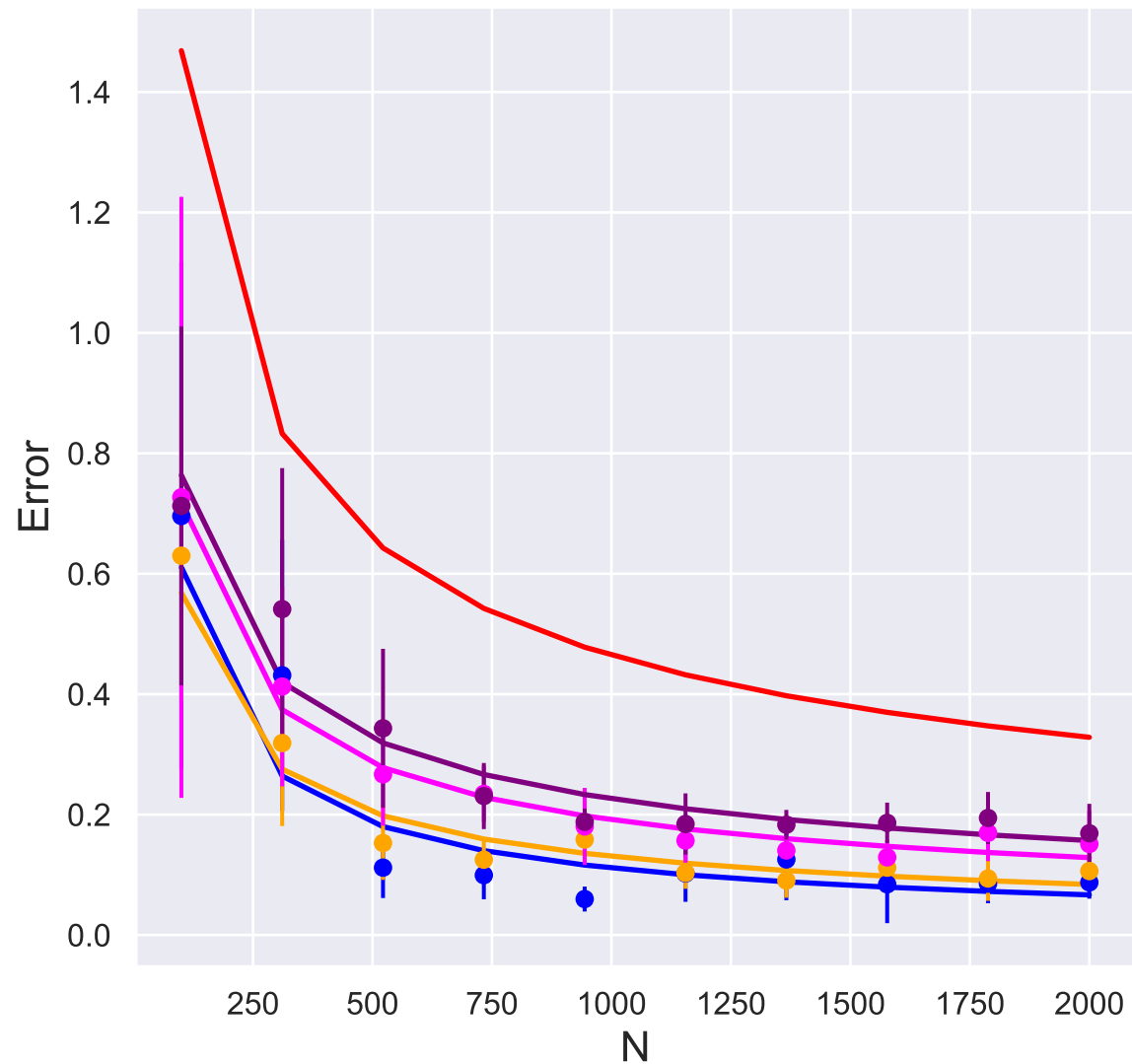Error of the kEDMD approximation for different β of SIR system

Linear scale

Log-log scale

$O(N^{-0.5})$
$O(N^{-0.74})$
$O(N^{-0.64})$
$O(N^{-0.57})$
$O(N^{-0.53})$
Error for $\beta = 0.8$
Error for $\beta = 1.0$
Error for $\beta = 1.2$
Error for $\beta = 1.5$