
Supplementary Material for Legendre Decomposition for Tensors

Mahito Sugiyama
National Institute of Informatics
JST, PRESTO
mahito@nii.ac.jp

Hiroyuki Nakahara
RIKEN Center for Brain Science
hiro@brain.riken.jp

Koji Tsuda
The University of Tokyo
NIMS; RIKEN AIP
tsuda@k.u-tokyo.ac.jp

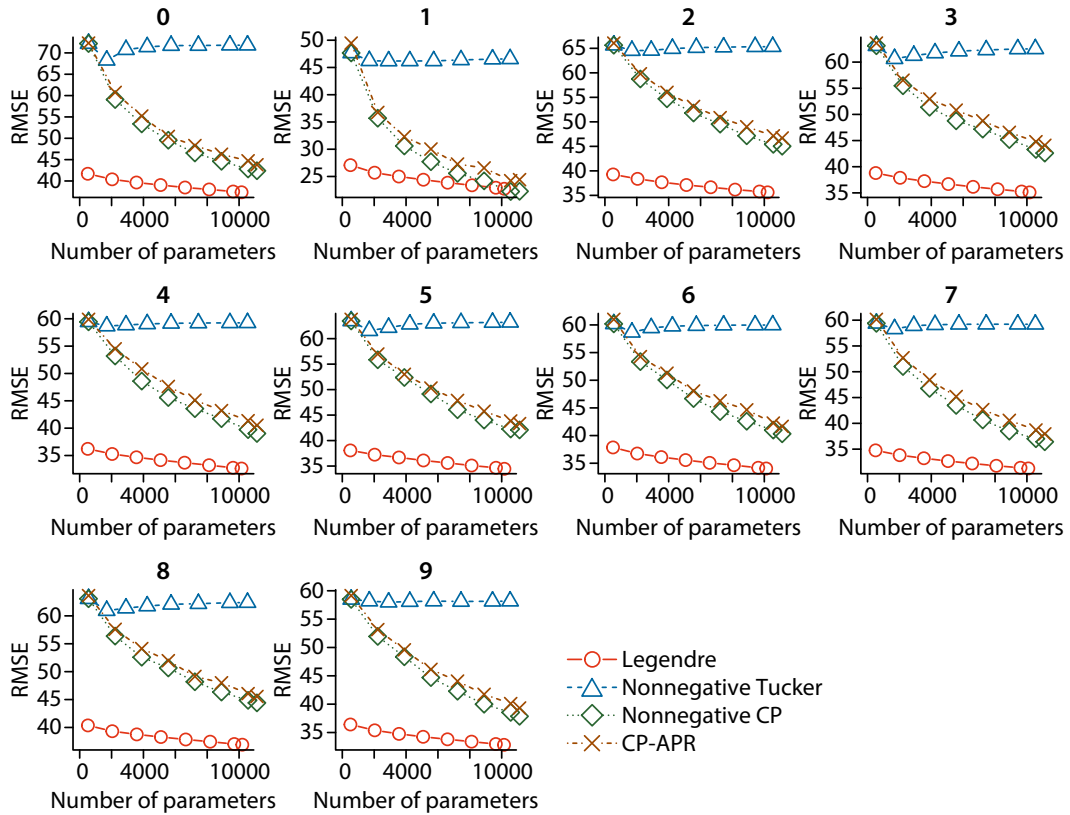


Figure S1: Experimental results on each digit from 0 to 9 in MNIST. Legendre decomposition is shown in red circles, nonnegative Tucker decomposition in blue triangles, nonnegative CP decomposition in green diamonds, and CP-APR in brown crosses.