Rounding of random-sum tensor train (n = 5, r = 10, $\varepsilon = 10^{-8}$) 3×10^{-15} tt_svd_rounding tt_rsvd_rounding tt rand_orth_rounding 2×10^{-15} Relative error 10^{-15} 6×10^{-16} 3 5 11 8 9 10 Number of dimensions (d)