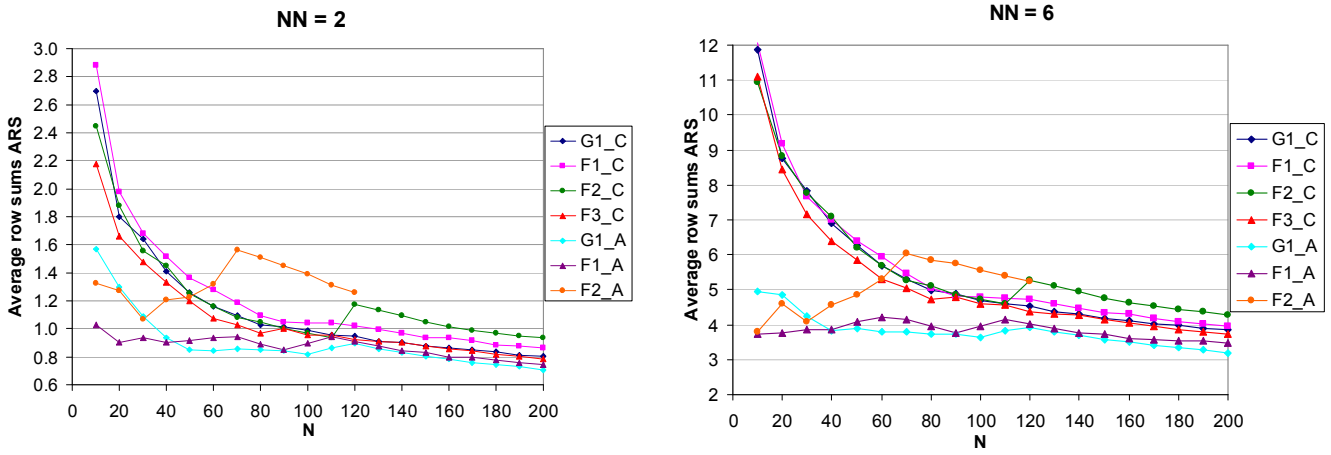

Figure S1. Average row sums ARS^{NN} *versus* number of peaks considered (N); (left) $NN = 2$; (right) $NN = 6$.

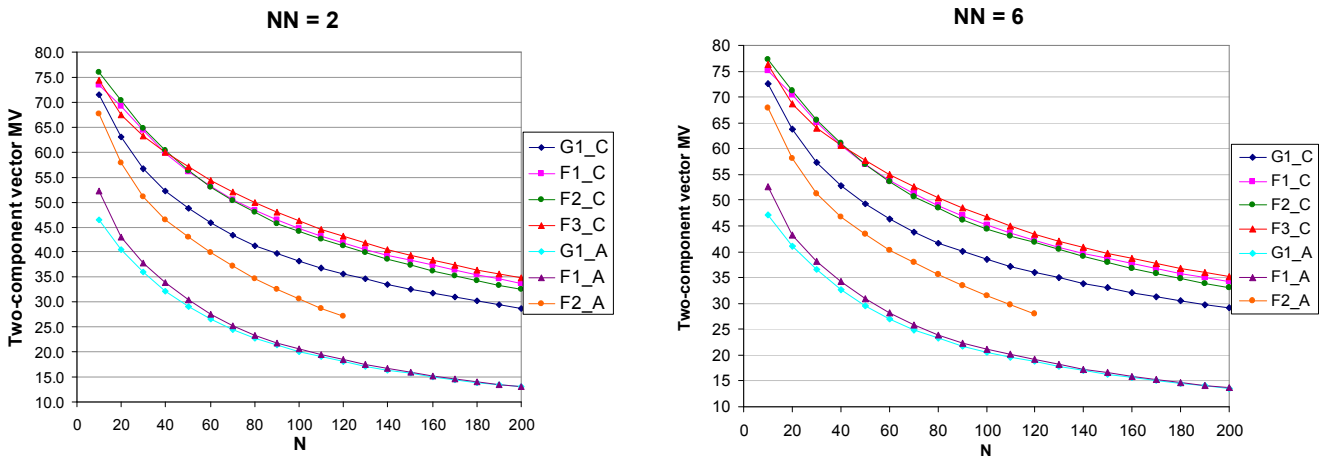

Figure S2. Dependence of the average magnitude of two-component vector MV^{NN} on the number of peaks considered (N); (left) $NN = 2$; (right) $NN = 6$.