

Performance of type 1 and type 2 cost functions

dependency on power factor p

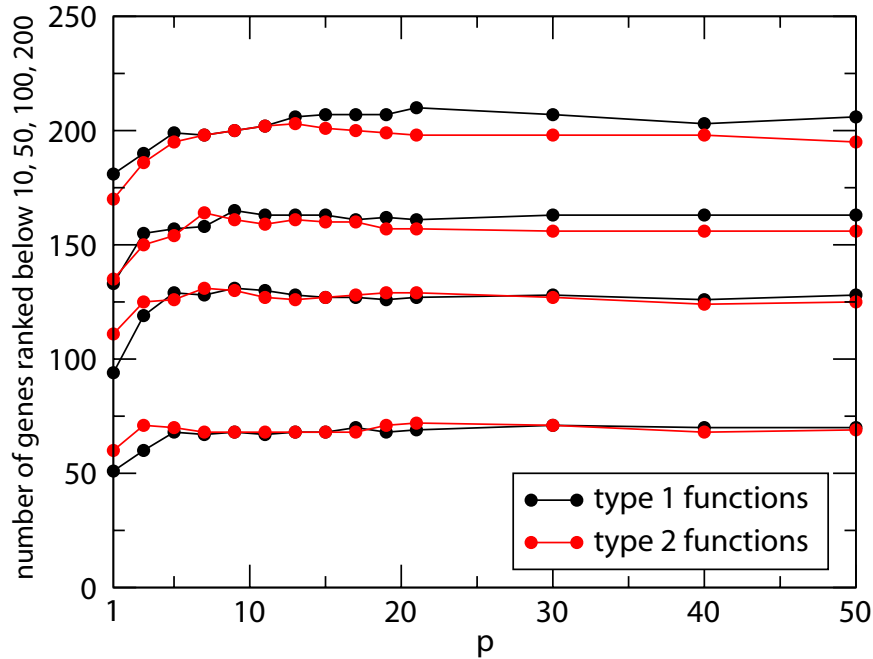


Figure 1, supplementary materials: performance of the type 1 and type 2 cost functions, as a function of the power factor value. The weight optimization procedure was conducted for each cost function using the entire set of known metabolic genes, and the fraction of genes with self-rank below 10 (lowest curves), 50, 100 and 200 (highest curves) was recorded. The power factor p , was varied from 1 to 50.