



Supplementary Figure S2. Quantitative evaluation of the impact of different scores on the inferred co-regulation network. Each column shows the results when using one score: DPbits (1st column: A,E,I,M), Jaccard Similarity (2nd column: B,F,J,N), Mutual Information (3rd column: C,G,K,O), Hypergeometric Significance (4th column: d,h,l,p). The first row shows the number of inferred co-regulation interactions as a function of the score (A-D). Color code : Blue : total number of edges. Green : true positive. Red : false positives. Dotted lines : random control. The second row shows the results of the evaluation of the inferred versus annotated co-regulation networks (E-H). The third row shows the results of the comparison of the inferred co-regulation versus co-expression (STRING) (I-L). The last row shows the results of the comparison of the inferred co-regulation network versus co-binding network (Harbison et al, 2004). Color code : Black : PPV. Blue : Sensitivity. Dotted lines : random control.