Rates estimation with no noise and a cutoff of 0.1 Desired rates Least squares L_1 Regularized B + C A + BC + CB + BA + A $mRNA_B + mRNA_C$ $mRNA_A + B$ 3.0 $mRNA_B + C$ 6.0 $A + mRNA_C$ $mRNA_A + C$ $B + mRNA_C$ $A + mRNA_B$ C 2.5 $mRNA_C + C$ mRNA_C $DNA_C + mRNA_C$ DNA_C В $mRNA_B + B$ 2.0 $\mathsf{mRNA}_{\mathsf{B}}$ $DNA_B + mRNA_B$ DNA_B $mRNA_A + A$ mRNA_A $DNA_A + mRNA_A$ DNA_A 1.8 Ø DNA_B + mRNA_B broducts DNAB mRNA_C $\mathsf{mRNA}_{\mathsf{A}}$ Ø $mRNA_A + A$ $mRNA_B + B$ $mRNA_{C} + C$ $DNA_A + mRNA_A$ $DNA_C + mRNA_C$