



Process scores

$$Score_{RBP_i T_j}(\bar{S}) = \frac{\bar{\mu}_s}{\sigma_s / \sqrt{n}}$$

reduce batch dim

RBP

Transcripts

1.2	-0.8	1.3	-1.5	0.6	2.9	0.3	3.7	-1.1	0.9
0.7	2.1	0.5	2.8	0.9	-1.4	1.2	0.4	-2.5	2.3
-3.9	1.3	2.0	0.1	-0.6	1.8	1.7	1.4	0.5	-1.6
0.4	-1.6	1.0	1.7	0.2	2.5	2.6	-2.0	0.8	0.3
1.6	-0.2	2.7	1.1	3.8	0.4	0.1	3.0	2.2	1.4
0.9	4.2	0.6	2.0	-0.8	2.3	1.4	0.7	-2.8	2.0
Gene 1	Gene 2	Gene 3	Gene n						

Collapse to genes

RBP

Genes

1.3	1.5	2.9	3.7
2.1	2.8	1.4	2.5
3.9	0.6	1.8	1.6
1.6	1.7	2.6	2.0
2.7	3.8	0.4	3.0
4.2	2.0	2.3	2.8

$$Score_{RBP_i G_k}(\bar{T}) = \max \{|T_1|, |T_2|, \dots |T_N|\}$$