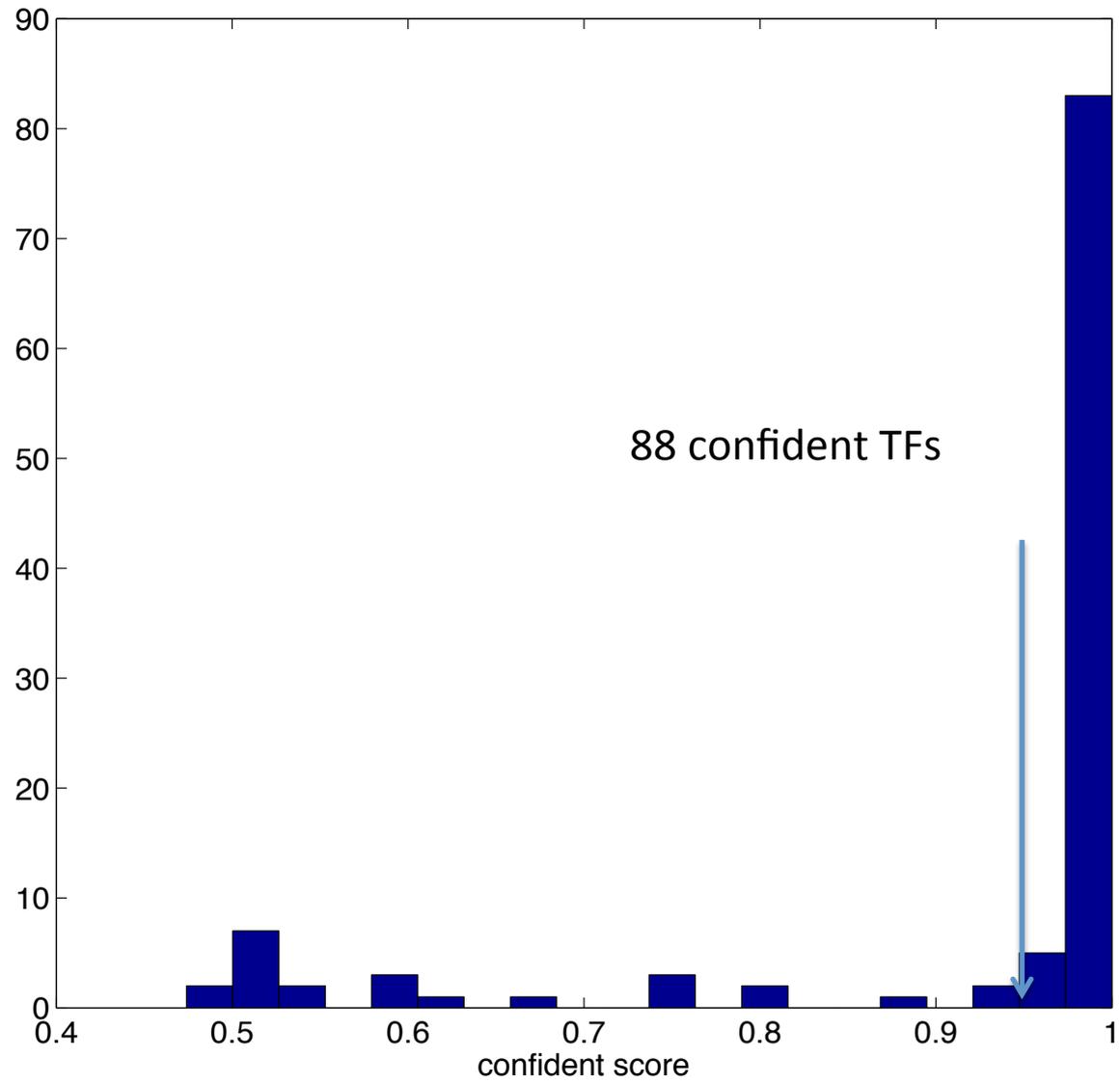


- Probabilistic nature of the hierarchy assignment, every output is slightly different
- Define a confident score of each TF assignment by running the algorithm 1000 times
- 88 confident TFs with score > 0.95 (33+21+34)



	A	B	C	D	E	F	G
1			all 112 TFs			88 confident TFs	
2		1 vs 2	1 vs3	2 vs 3	1 vs 2	1 vs3	2 vs 3
3	Average expression in34 human tissues	0.29526	0.2715	0.49009	0.089196	0.16612	0.23691
4	maximum Spearman Correlation of Tf binding with expression	0.012593	0.018401	0.42777	0.0040738	0.0099273	0.27316 x
5	tissue spec	0.31084	0.10627	0.18809	0.095605	0.10453	0.3789
6	deg PPI (Ideker)	0.037536	0.0083216	0.22252	0.019956	0.0013394	0.24787 x
7	deg PPI (BIOGRID)	0.43021	0.048729	0.087639	0.4809	0.035102	0.071495 x
8	num. of kinases interaction	0.22367	0.48164	0.13279	0.49241	0.37706	0.30722
9	num. of mirna interaction	0.0046344	0.044758	0.14357	0.066976	0.011501	0.32133 ?
10	num. targets in reg. net	0.00017006	0.00012202	0.49185	0.00012846	0.000046774	0.41427 x
11	num. targets (TF) in reg. net	0.00071373	2.7962E-06	0.032963	0.0010004	2.1834E-06	0.08145
12	corr. between binding and gene expression	0.17952	0.21795	0.46022	0.11007	0.090375	0.416
13	binding matching score	0.016935	0.01371	0.29865	0.022732	0.023763	0.30838
14	level of hierarchy (CC)	8.6554E-08	1.8789E-07	0.024019	0.000034609	1.5457E-06	0.0019698
15	dnds	0.27182	0.16433	0.05803	0.39654	0.13674	0.22403
16	snpdensity	0.31172	0.017835	0.0045973	0.33824	0.0079265	0.0063617 x
17	Level in hierarchy (BFS by NB)	0.029415	0.3485	0.015662	0.049017	0.24823	0.01435
18	Motif.All.SNP.DAF<0.05	0.28617	0.23959	0.37797	0.14661	0.22785	0.38926
19	Motif.Favorable.SNP.DAF<0.05	0.13554	0.35973	0.034642	0.077353	0.4376	0.062735 ?
20	Motif.Favorable.SNP.DAF>0.95	0.16311	0.39871	0.055234	0.25597	0.44664	0.10547
21	Motif.Unfavorable.SNP.DAF<0.05	0.42786	0.32915	0.4728	0.25096	0.35671	0.27681
22	Motif.Unfavorable.SNP.DAF>0.95	0.1339	0.30308	0.0089035	0.090003	0.41307	0.023293
23	num. ncRNA targets	0.0034976	0.00060624	0.39533	0.0018068	0.00078737	0.44831
24	num. miRNA targets	0.00136	0.00060226	0.44719	0.0010314	0.00079817	0.3451
25	num. miscRNA targets	0.00434	0.035137	0.34139	0.0050079	0.045643	0.31058
26	num. snRNA targets	0.0001845	0.0022095	0.13948	0.00097365	0.0014401	0.23067
27	num. snoRNA targets	0.0005997	0.003628	0.22335	0.00049549	0.0062647	0.15739
28	num. lincRNA targets	0.0061756	0.00060591	0.25182	0.0042034	0.00082169	0.38087
29	num. processed transcript targets	0.0041468	0.00064015	0.36425	0.0023227	0.00091441	0.48273
30	Ave_targets_Short_PolyA-	0.0082414	0.038096	0.20908	0.019233	0.043518	0.28905
31	Ave_targets_PolyA+	0.012223	0.069524	0.18613	0.018277	0.08631	0.19223
32	Betweenness	0.48394	0.0011442	0.0060366	0.019782	0.0012294	0.000049096 x