

Table 1: Friedman ranking. For each metric, the methods are displayed in decreasing order with their respective Friedman ranking.

AUPR	
HINT-BC(DNASE)	1.0
HINT(DNASE)	2.0
HINT-BC(ATAC-SHIFT4)	3.2712
HINT(ATAC-SHIFT4)	4.4576
HINT-BC(scATAC-SHIFT4)	5.661
HINT(scATAC)	6.2966
HINT(ATAC)	6.2966
HINT(scATAC-SHIFT4)	7.4237
TC(DNASE)	8.8644
TC(scATAC)	10.2203
TC(ATAC)	10.5085

Table 2: Friedman-Nemenyi hypothesis test results for the **AUPR** metric. The asterisc and the cross, respectively, mean that the method in the column outperformed the method in the row with significance levels of 0.05 and 0.1

	HINT-BC(DNASE)	HINT(DNASE)	HINT-BC(ATAC-SHIFT4)	HINT(ATAC-SHIFT4)	HINT-BC(scATAC-SHIFT4)	HINT(scATAC)	HINT(ATAC)	HINT(scATAC-SHIFT4)	TC(DNASE)	TC(scATAC)	TC(ATAC)
HINT-BC(DNASE)											
HINT(DNASE)	*										
HINT-BC(ATAC-SHIFT4)	*										
HINT(ATAC-SHIFT4)	*	*									
HINT-BC(scATAC-SHIFT4)	*	*	*								
HINT(scATAC)	*	*	*	+							
HINT(ATAC)	*	*	*	+							
HINT(scATAC-SHIFT4)	*	*	*	*							
TC(DNASE)	*	*	*	*	*	*	*				
TC(scATAC)	*	*	*	*	*	*	*	*			
TC(ATAC)	*	*	*	*	*	*	*	*			