

1) samples

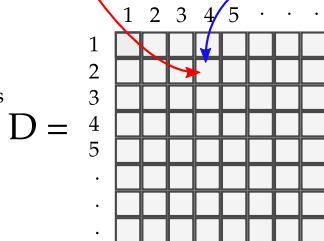
1	2	3	4	5	6	7	...
ACTAT	CTCTC	GGACG	CCAGAT	CGCCAA	CACAGAT	GTGAC	
ACTAT	CTCTC	GGACG	CCAGAT	CGCCAA	CACAGAT	GTGAC	
ACTAT	CTCTC	GGACG	CCAGAT	CGCCAA	CACAGAT	GTGAC	
ACTAT	CTCTC	GGACG	CCAGAT	CGCCAA	CACAGAT	GTGAC	
ACTAT	CTCTC	GGACG	CCAGAT	CGCCAA	CACAGAT	GTGAC	

window #

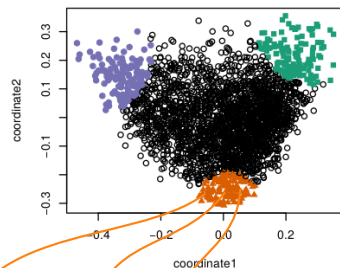
2) PCA on each window



3) Find distances between PCA maps



4) Use MDS to display variation between windows



5)

1	2	3	4	5	6	7	...
ACTAT	CTCTC	GGACG	CCAGAT	CGCCAA	CACAGAT	GTGAC	
ACTAT	CTCTC	GGACG	CCAGAT	CGCCAA	CACAGAT	GTGAC	
ACTAT	CTCTC	GGACG	CCAGAT	CGCCAA	CACAGAT	GTGAC	
ACTAT	CTCTC	GGACG	CCAGAT	CGCCAA	CACAGAT	GTGAC	
ACTAT	CTCTC	GGACG	CCAGAT	CGCCAA	CACAGAT	GTGAC	

window #

Show extremes of structure with PCA on merged outlying windows

