

Sparse matrix in dense format

	0	1	2	3	4	5	6	7
0				0.3				
1		1.1				1.5		
2								
3			3.2					
4								
5		5.1		5.3			5.6	
6					6.4			
7	7.0							



CSR format

	0	1	2	3	4	5	6	7	8	
colidx	3	1	5	2	1	3	6	4	0	Size: n_z
val	0.3	1.1	1.5	3.2	5.1	5.3	5.6	6.4	7.0	Size: n_z
rowptr	0	1	3	3	4	4	7	8	9	Size: $m+1$