data[:, np.array([False, True, True, False])]

(0, 0)	(0, 1)	(0, 2)	(0, 3)	
(1, 0)	(1, 1)	(1, 2)	(1, 3)	
(2, 0)	(2, 1)	(2, 2)	(2, 3)	
(3, 0)	(3, 1)	(3, 2)	(3, 3)	