

#	S	C	F
c_1	1	1	1
c_2	0	0	1
c_3	1	0	0
c_4	0	1	0

(a)

	S	C	F
S	1.00	0.00	0.00
C	0.00	1.00	0.00
F	0.00	0.00	1.00

(b)