

	v_1	v_2	\cdots	v_n	l_1	l_2	\cdots	l_m
u_1	D				1	1	\cdots	1
u_2					1	1	\cdots	1
\vdots					\vdots	\vdots	\cdots	\vdots
u_m					1	1	\cdots	1
s_1	1	1	\cdots	1	0	1	\cdots	1
s_2	1	1	\cdots	1	1	0	\cdots	1
\vdots	\vdots	\vdots	\cdots	\vdots			\ddots	
s_m	1	1	\cdots	1	1	1	\cdots	0