

	species 1				...	species j				...	species p			
	1	2	...	m_1		1	2	...	m_j		1	2	...	m_p
	l_{11}	i_{12}	...	l_{1m_1}		l_{j1}	l_{j2}	...	l_{jm_j}		l_{p1}	l_{p2}	...	l_{pm_p}
1														
2														
⋮														
i														
⋮														
n														

$$X_{ijk} \Rightarrow \theta_{ij}$$

$$i = 1, 2 \cdots , n$$

$$j = 1, 2, \cdots , p$$

$$k = 1, 2 \cdots , m_j$$