

Electronic Supplementary Material

ESM Table 4 Emission Matrix Type 1 Diabetes and the 5 State Model

	No visible retinopathy	Mild background retinopathy	Observable retinopathy or maculopathy	Referable maculopathy	Referable background or proliferative retinopathy
state 1	0.9123	0.0877	0	0	0
state 2	0.1281	0.8554	0.0165	0	0
state 3	0	0.5033	0.4952	0.0015	0
state 4	0	0	0.0068	0.8479	0.1453
state 5	0	0	0.0188	0.1551	0.8261

Zero elements are those which were specified in the model as zero