S	I	$\phi_5(S,I)$
$s^0$	$i^0$	$\phi_5(s^0, i^0) = 0.95$
$s^0$	$i^1$	$\phi_5(s^0, i^1) = 0.2$
$s^1$	$i^0$	$\phi_5(s^1, i^0) = 0.05$
$s^1$	$i^1$	$\phi_5(s^1, i^1) = 0.8$

 $\widetilde{\tilde{P}}_M(C,D,I,G,S)$ 

$\begin{bmatrix} c^0 & d^0 & i^0 & g^0 & s^0 & \phi_1(c^0)\phi_2(c^0, d^0)\phi_3(i^0)\phi_4(g^0, i^0, d^0)\phi_5 \end{bmatrix}$	
	$(s^0, i^0)$
$c^0 \mid d^0 \mid i^0 \mid g^0 \mid s^1 \mid \phi_1(c^0)\phi_2(c^0, d^0)\phi_3(i^0)\phi_4(g^0, i^0, d^0)\phi_5$	$(s^1, i^0)$
$c^0 \mid d^0 \mid i^0 \mid g^1 \mid s^0 \mid \phi_1(c^0)\phi_2(c^0, d^0)\phi_3(i^0)\phi_4(g^1, i^0, d^0)\phi_5$	$(s^0, i^0)$
	$(s^1, i^0)$

C	D	I	G	S	$P_M(C,D,I,G,S)$
$c^1$	$d^0$	$i^0$	$g^0$	$s^0$	$\phi_1(c^1)\phi_2(c^1,d^0)\phi_3(i^0)\phi_4(g^0,i^0,d^0)\phi_5(s^0,i^0)$
$c^1$	$d^0$	$i^0$	$g^0$	$s^1$	$\phi_1(c^1)\phi_2(c^1,d^0)\phi_3(i^0)\phi_4(g^0,i^0,d^0)\phi_5(s^1,i^0)$
$c^1$	$d^0$	$i^0$	$g^1$	$s^0$	$\phi_1(c^1)\phi_2(c^1,d^0)\phi_3(i^0)\phi_4(g^1,i^0,d^0)\phi_5(s^0,i^0)$
$c^1$	$d^0$	$i^0$	$g^1$	$s^1$	$\phi_1(c^1)\phi_2(c^1,d^0)\phi_3(i^0)\phi_4(g^1,i^0,d^0)\phi_5(s^1,i^0)$
$c^1$	$d^0$	$i^1$	$g^0$	$s^0$	$\phi_1(c^1)\phi_2(c^1,d^0)\phi_3(i^1)\phi_4(g^0,i^1,d^0)\phi_5(s^0,i^1)$
$c^1$	$d^0$	$i^1$	$g^0$	$s^1$	$\phi_1(c^1)\phi_2(c^1,d^0)\phi_3(i^1)\phi_4(g^0,i^1,d^0)\phi_5(s^1,i^1)$
$c^1$	$d^0$	$i^1$	$g^1$	$s^0$	$\phi_1(c^1)\phi_2(c^1,d^0)\phi_3(i^1)\phi_4(g^1,i^1,d^0)\phi_5(s^0,i^1)$
$c^1$	$d^0$	$i^1$	$g^1$	$s^1$	$\phi_1(c^1)\phi_2(c^1,d^0)\phi_3(i^1)\phi_4(g^1,i^1,d^0)\phi_5(s^1,i^1)$
$c^1$	$d^1$	$i^0$	$g^0$	$s^0$	$\phi_1(c^1)\phi_2(c^1,d^1)\phi_3(i^0)\phi_4(g^0,i^0,d^1)\phi_5(s^0,i^0)$
$c^1$	$d^1$	$i^0$	$g^0$	$s^1$	$\phi_1(c^1)\phi_2(c^1,d^1)\phi_3(i^0)\phi_4(g^0,i^0,d^1)\phi_5(s^1,i^0)$
$c^1$	$d^1$	$i^0$	$g^1$	$s^0$	$\phi_1(c^1)\phi_2(c^1,d^1)\phi_3(i^0)\phi_4(g^1,i^0,d^1)\phi_5(s^0,i^0)$
$c^1$	$d^1$	$i^0$	$g^1$	$s^1$	$\phi_1(c^1)\phi_2(c^1,d^1)\phi_3(i^0)\phi_4(g^1,i^0,d^1)\phi_5(s^1,i^0)$
$c^1$	$d^1$	$i^1$	$g^0$	$s^0$	$\phi_1(c^1)\phi_2(c^1,d^1)\phi_3(i^1)\phi_4(g^0,i^1,d^1)\phi_5(s^0,i^1)$
$c^1$	$d^1$	$i^1$	$g^0$	$s^1$	$\phi_1(c^1)\phi_2(c^1,d^1)\phi_3(i^1)\phi_4(g^0,i^1,d^1)\phi_5(s^1,i^1)$
$c^1$	$d^1$	$i^1$	$g^1$	$s^0$	$\phi_1(c^1)\phi_2(c^1,d^1)\phi_3(i^1)\phi_4(g^1,i^1,d^1)\phi_5(s^0,i^1)$
$c^1$	$d^1$	$i^1$	$g^1$	$s^1$	$\phi_1(c^1)\phi_2(c^1,d^1)\phi_3(i^1)\phi_4(g^1,i^1,d^1)\phi_5(s^1,i^1)$