Child Value u	Parent State $\boldsymbol{u}_{pa}$	CP	w	p^r	$w \times p^r$
$g(sam) = \text{W}$	$g(B) = \text{W}, F(sam, B) = \text{T}$	0.55	-0.60	0.4	-0.24
$g(sam) = \text{W}$	$g(B) = \text{M}, F(sam, B) = \text{T}$	0.37	-0.99	0.6	-0.60
$CD(sam) = \text{T}$	$g(sam) = \text{W}$	0.80	-0.22	1.0	-0.22
$CD(sam) = \text{F}$	$g(sam) = \text{W}$	0.20	-1.61	0.0	0.00
Sum $(\exp(Sum) \propto P(gender(sam) = \text{W}|\Lambda^*))$					-1.06