

p:

$$S_0 = \{a_1, a_2, \dots, a_{k_0}\} \quad p: S_0 \times T \rightarrow \{0, 1\}$$

$$w = \{b_1, b_2, \dots, b_{k_0}\}$$

$$S_{scene} = \{s_1, s_2, \dots, s_{k_s}\}$$

$$S_i = \{0, 1, 0, 0, 1, \dots, 0, 1\}$$

$\underbrace{\hspace{10em}}_{k_0 \uparrow \text{坐标}} \quad \underbrace{\hspace{10em}}_{k_s \uparrow \text{坐标}}$

第 i 天, j 场

$$shot_{ij} = \prod_{\alpha=1}^{k_0} \left( \prod_{\beta=1}^{k_s} [1 - s_{j\beta}(1 - p(a_{\beta}, t_j))] \right) \prod_{r=1}^{k_s} [1 - s_{jr}(w_r (\frac{1}{2} - \frac{|b_r - t_j|}{2(b_r - t_j)}))]^{\frac{1}{k_j^2}}$$

$\uparrow$  第 t 天       $\uparrow$  a<sub>β</sub> 可用与否       $\uparrow$  b<sub>r</sub> 可用与否       $\uparrow$  为方便重要性计算乘以的系数

$$shot'_{ij} = \sum_{\alpha=i}^{i+2} shot_{\alpha j}$$

例. 天:

	1	2	3	4	5	6	7	8
shot <sub>ij</sub>	$\frac{1}{9}$	0	$\frac{1}{9}$	$\frac{1}{9}$	0	0	0	$\frac{1}{9}$
shot' <sub>ij</sub>	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{2}{9}$	$\frac{2}{9}$	$\frac{2}{9}$	$\frac{1}{9}$	0	$\frac{1}{9}$

$$impor_{-j} = \sum_{i=1}^{30} shot'_{ij} \cdot \left( \sum_{\alpha=1}^{k_s} shot_{i\alpha} \right)^{-1}$$

(这里只计算 9 天, 实际 30 天)

例 天

	1	2	3	4	5	6	7	8
场 1	1	0	1	1	0	0	0	1
场 2	$\frac{1}{4}$	$\frac{2}{4}$	$\frac{1}{4}$	0	0	$\frac{1}{4}$	$\frac{1}{4}$	0
场 3	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	0	0	0	0	$\frac{1}{9}$
场 4	0	0	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{2}{4}$	$\frac{1}{4}$

→ 重要性

$$impor_{-1} = \frac{36}{49} + 0 + \frac{18}{29} + \frac{4}{5} + 0 + 0 + 0 + \frac{36}{49}$$

$$impor_{-2} = \frac{9}{49} + \frac{9}{11} + \frac{9}{22} + 0 + 0 + \frac{1}{2} + \frac{1}{3} + 0$$

$$impor_{-3} =$$