

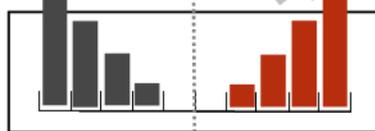
$$(A_1 \dots A_M \mid A_{M+1} \dots A_{2M}) = (\mathbf{a} \mid \mathbf{a}^c)$$

[1 .75 .5 .25 0 0 .25 .5 .75 1]

A

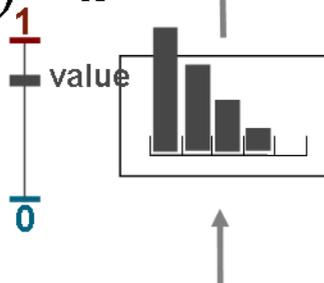
$$\mathbf{a}^c = 1 - \mathbf{a}$$

ON channel



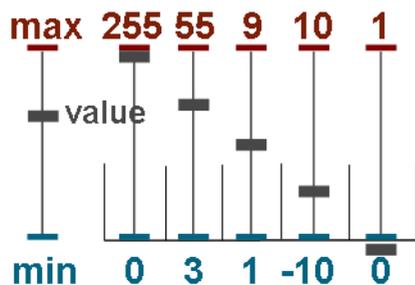
OFF channel

$$(a_1 \dots a_i \dots a_M) = \mathbf{a} \quad \mathbf{a}^c = ((1 - a_1) \dots (1 - a_i) \dots (1 - a_M))$$



$\mathbf{a} = [1 \ .75 \ .5 \ .25 \ 0]$
scaled feature vector

$$(I_1 \dots I_i \dots I_M) = \mathbf{I}$$



$\mathbf{I} = [255 \ 42 \ 5 \ -5 \ -0.05]$
un-scaled feature vector