Feature1

0	0.5
1	0.5

Normal

Feature2

0	0	0.9
0	1	0.1
1	0	0.1
1	1	0.9

$$Log(D_{normal}, B, \theta) = -(0.5 \times \log 0.5 + 0.5 \log 0.5 +$$
$$0.5 \times 0.9 \log 0.9 + 0.5 \times 0.1 \log 0.1 + 0.5 \times 0.1 \log 0.1 + 0.5 \times 0.9 \log 0.9) = 0.44$$

$$FD_{Normal} = 0.5 \mid \log \frac{0.5}{0.5} \mid +0.5 \mid \log \frac{0.5}{0.5} \mid +0.5 \mid \log \frac{0.5}{0.5} \mid +0.5 \mid \log \frac{0.5}{0.5} \mid = 0$$

Outlier

0	0.9
1	0.1

0	0	0.9
0	1	0.1
1	0	0.1
1	1	0.9

$$Log(D_{outlier}, B, \theta) = -(0.9 \log 0.5 + 0.1 \log 0.5 +$$
$$0.9 \times 0.9 \log 0.9 + 0.9 \times 0.1 \log 0.1 + 0.1 \times 0.1 \log 0.1 + 0.1 \times 0.9 \log 0.9) = 0.44$$

$$FD_{outlier} = 0.5 \mid \log \frac{0.9}{0.5} \mid +0.5 \mid \log \frac{0.1}{0.5} \mid +0.5 \mid \log \frac{0.5}{0.5} \mid +0.5 \mid \log \frac{0.5}{0.5} \mid = 0.46$$