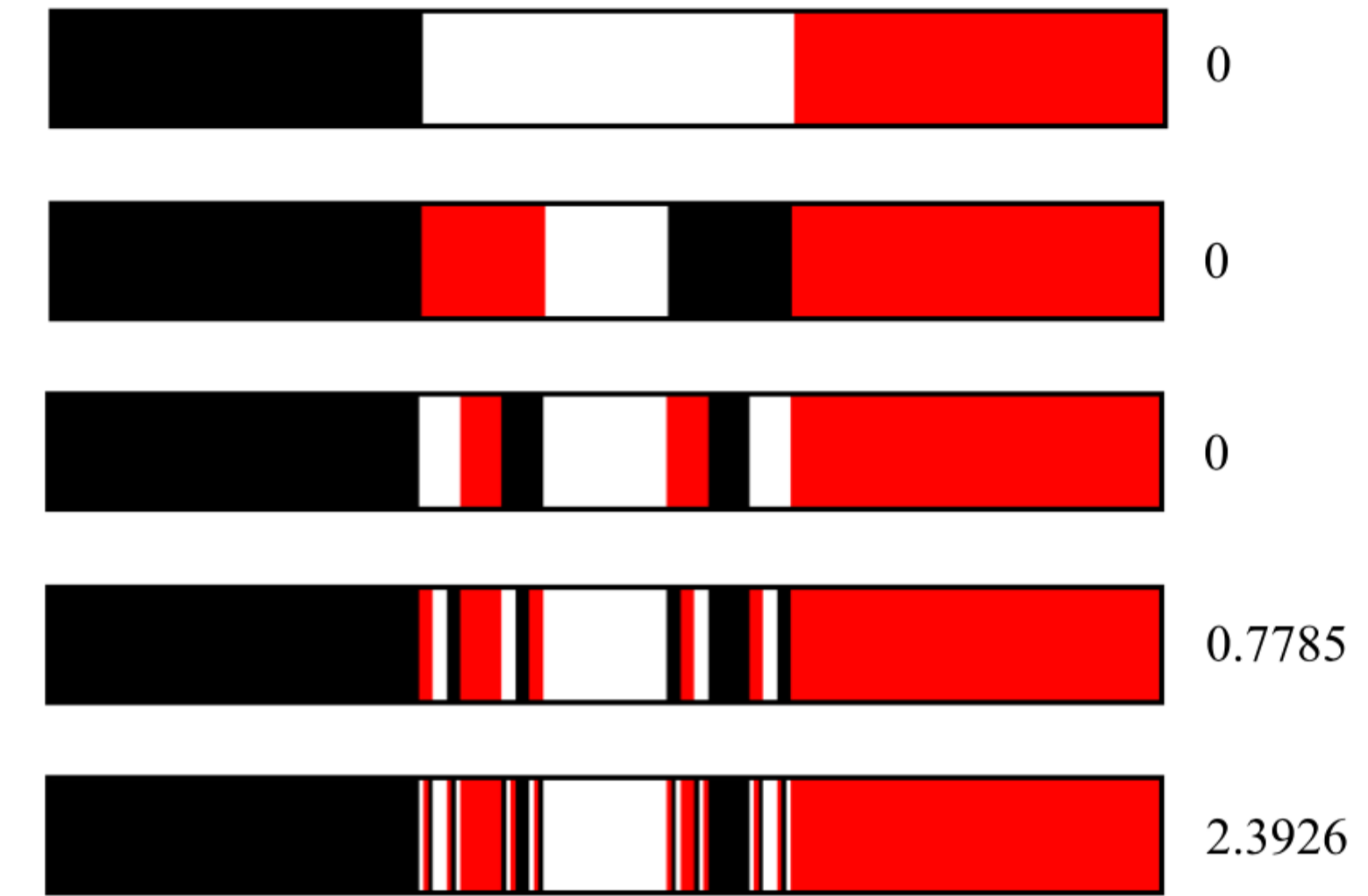


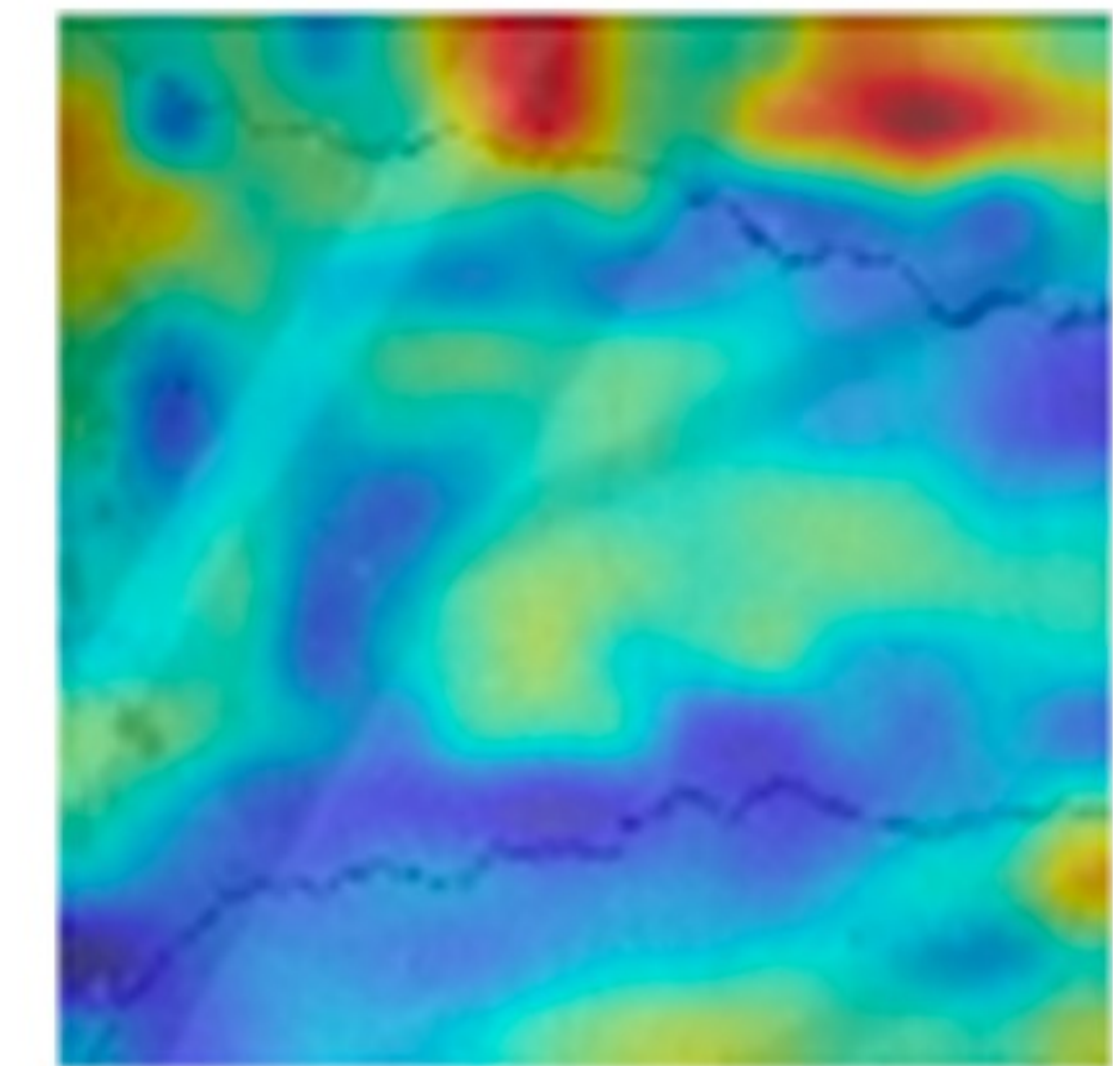
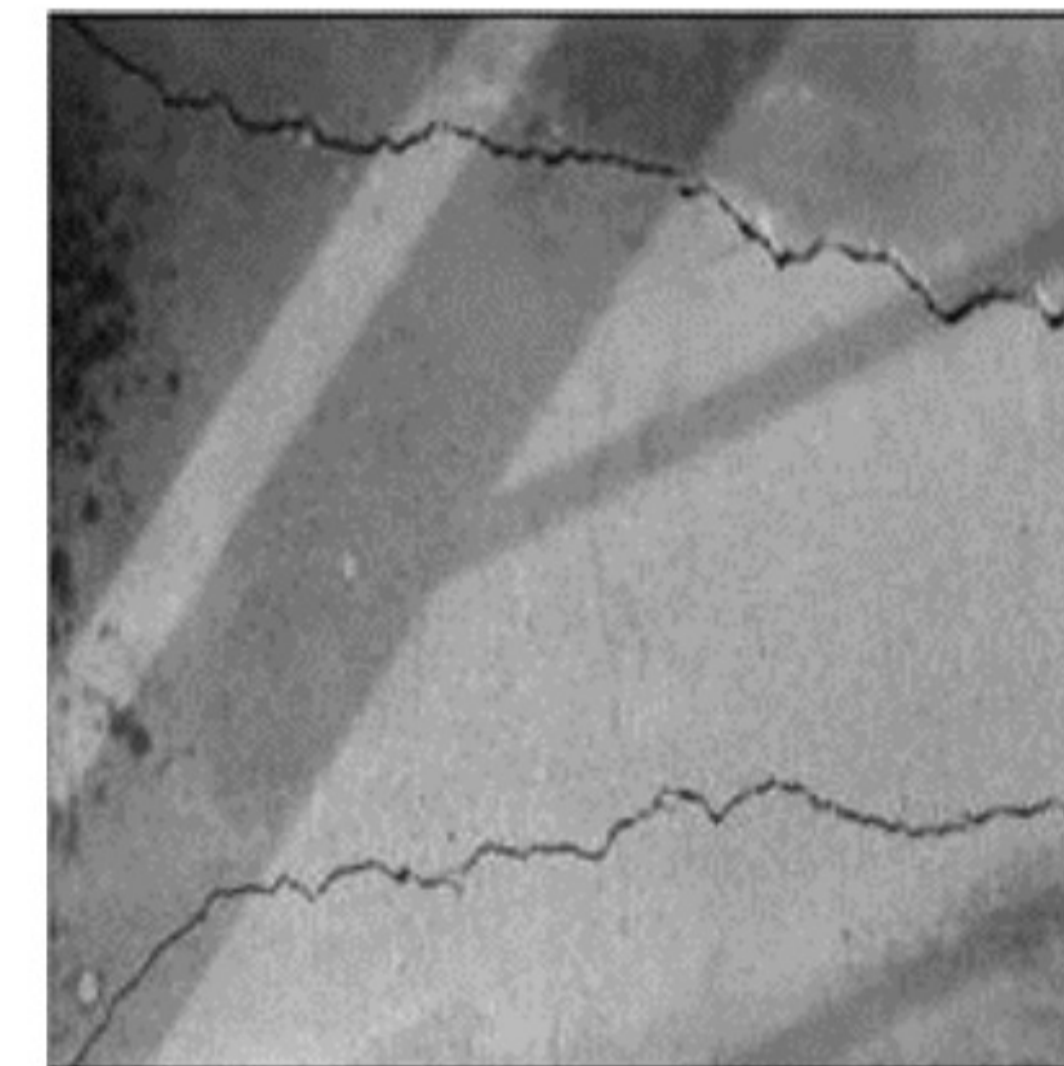
The Wada Index:

$$w^{(s)}(p_1, \dots, p_m) = \frac{m}{\log(m)} \mathbb{1}_3^{(s)} e^{(s)}$$

$$= \begin{cases} 0, & m < 3 \\ -\frac{m}{\log(m)} \sum_{k=1}^m p_k \log(p_k), & m \geq 3 \end{cases}$$



Layer No.	Layer Name	Layer No.	Layer Name
1	Image input layer	14	Convolutional layer
2	Convolutional layer	15	ReLU layer
3	ReLU layer	16	Max-pooling layer
4	Cross-channel normalization layer	17	Fully connected layer
5	Max-pooling layer	18	ReLU layer
6	Convolutional layer	19	Dropout layer
7	ReLU layer	20	Fully connected layer
8	Cross-channel normalization layer	21	ReLU layer
9	Max-pooling layer	22	Dropout layer
10	Convolutional layer	23	Fully connected layer
11	ReLU layer	24	Softmax layer
12	Convolutional layer	25	Classification output layer
13	ReLU layer		



		Predicted	
		Negative	Positive
Actual	Negative	5985	15
	Positive	11	5989
		Accuracy=0.9978	

		Predicted	
		Negative	Positive
Actual	Negative	5003	997
	Positive	149	5851
		Accuracy=0.9045	

		Predicted	
		Negative	Positive
Actual	Negative	5941	59
	Positive	12	5988
		Accuracy=0.9941	