

Breast Cancer Biomarker Assistant

Results Report

Sequence 1

Fasta Header:

>NC_000017.11:c43125364-43044295 Homo sapiens chromosome 17, GRCh38.p13 Primary Assembly

Analysis Time:

3.5 seg

Explainable Neural Network Model

Enabled

Test results:

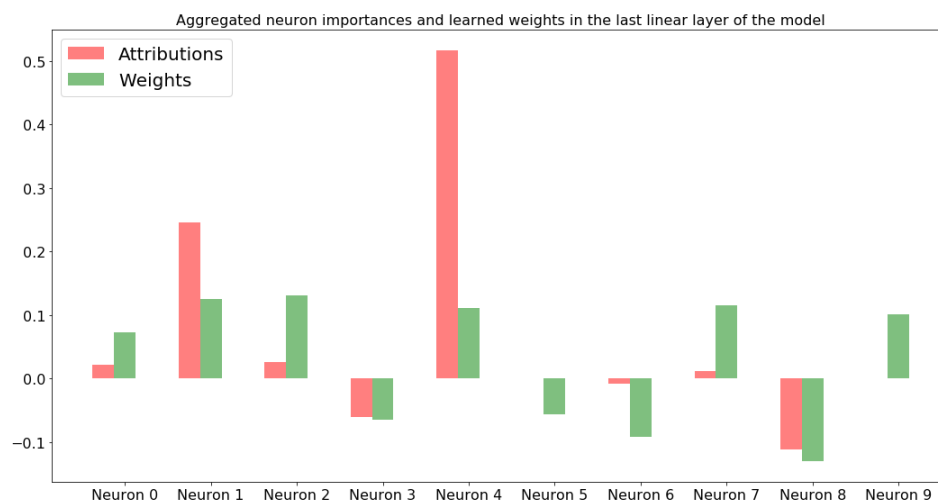
The results for the test are presented in table 1. This table only posts results with an accuracy above 30%. Any matches under the threshold are considered noise caused by arbitrary similarity in sequences due to the reduced vocabulary of nucleotides

Biomarker	Type	Likelihood:
BRCA1	DNA	0.96
BRCA2	DNA	0.47

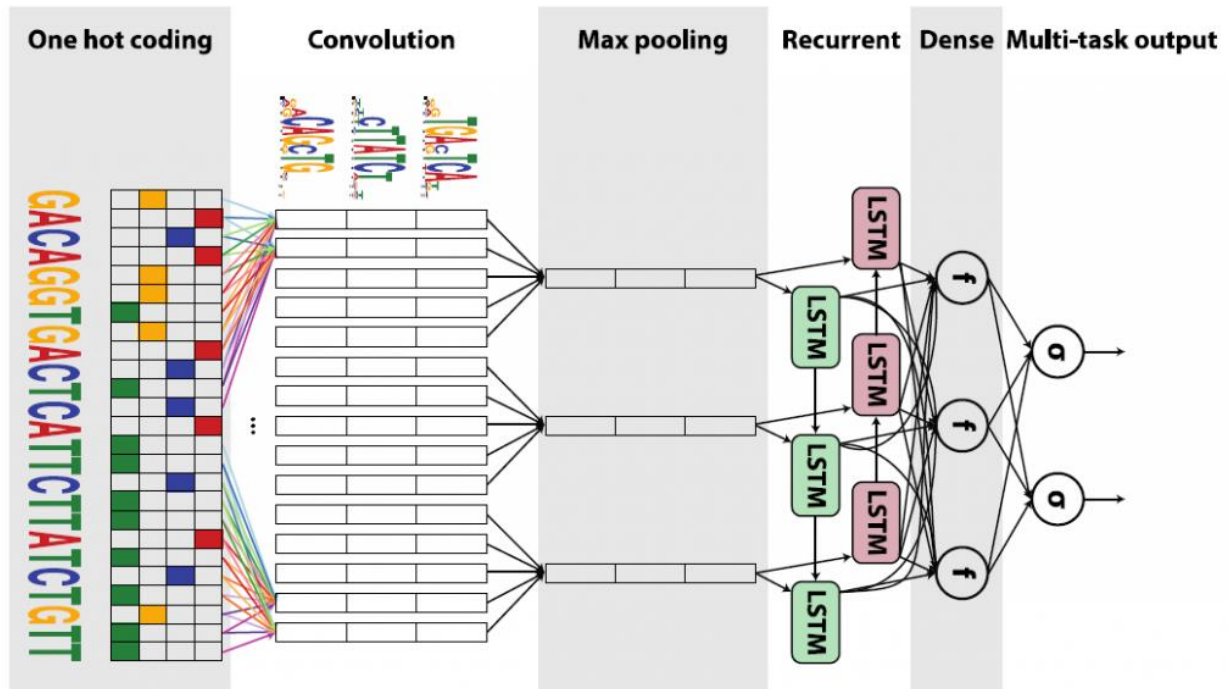
Explainable Neural Network Model

Activated Neurons: Neuron Attribution

This graph represents the attribution and importance given to the neurons of a model.



Neural Network Diagram



Sequence 2

Fasta Header:

>NC_000017.11:c43125364-43044295 Homo sapiens chromosome 17, GRCh38.p13 Primary Assembly

Analysis Time:

3.5 seg

Explainable Neural Network Model

Enabled

Test results:

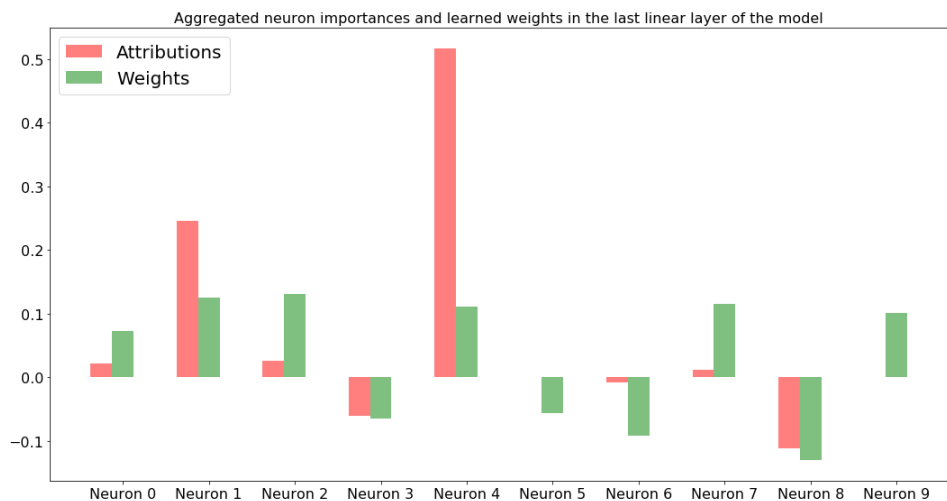
The results for the test are presented in table 1. This table only posts results with an accuracy above 30%. Any matches under the threshold are considered noise caused by arbitrary similarity in sequences due to the reduced vocabulary of nucleotides

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Explainable Neural Network Model

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Neural Network Diagram

