Czas trenowania (s)	Dokładność walidacji	Czas predykcji (s)	Średni błąd na epokę	Funkcja aktywacji	Regularyzacja	Warstwy ukryte	Optymalizator	Słownik hiperparametrów	Średnia dokładność CV	Wynik CV1	Wynik CV2	Wynik CV3	Wynik CV4	Wynik CV5	Odchylenie CV	Liczba epok
9.116931	0.987091	0.005935	0.002176	relu	0.000100	(50,)	adam	'activation': 'relu', 'alpha': 0.0001, 'hidden_layer_sizes': (50,), 'solver': 'adam'	0.927072	0.928122	0.932844	0.935433	0.929659	0.930626	0.003094	13
7.944553	0.549952	0.007089	0.003458	relu	0.000100	(50,)	sgd	'activation': 'relu', 'alpha': 0.0001, 'hidden_layer_sizes': (50,), 'solver': 'sgd'	0.910283	0.922875	0.928646	0.927034	0.923360	0.922440	0.006457	43
16.299733	4.289404	0.005496	0.000175	relu	0.000100	(100,)	adam	'activation': 'relu', 'alpha': 0.0001, 'hidden_layer_sizes': (100,), 'solver': 'adam'	0.920776	0.926023	0.934942	0.936483	0.930709	0.929787	0.005790	17
17.181887	1.431041	0.005480	0.000147	relu	0.000100	(100,)	sgd	'activation': 'relu', 'alpha': 0.0001, 'hidden_layer_sizes': (100,), 'solver': 'sgd'	0.910283	0.922350	0.928646	0.924409	0.929659	0.923070	0.006933	37
20.301666	4.237975	0.006493	0.000770	relu	0.000100	(150,)	adam	'activation': 'relu', 'alpha': 0.0001, 'hidden_layer_sizes': (150,), 'solver': 'adam'	0.922350	0.926023	0.935992	0.937008	0.928609	0.929996	0.005679	16
21.765174	2.694443	0.006174	0.000113	relu	0.000100	(150,)	sgd	'activation': 'relu', 'alpha': 0.0001, 'hidden_layer_sizes': (150,), 'solver': 'sgd'	0.912382	0.923400	0.930220	0.927034	0.928084	0.924224	0.006319	29
7.729759	2.267514	0.005387	0.002062	relu	0.001000	(50,)	adam	'activation': 'relu', 'alpha': 0.001, 'hidden_layer_sizes': (50,), 'solver': 'adam'	0.925498	0.929696	0.935992	0.932808	0.931234	0.931046	0.003470	8
7.828698	0.556461	0.005855	0.002354	relu	0.001000	(50,)	sgd	'activation': 'relu', 'alpha': 0.001, 'hidden_layer_sizes': (50,), 'solver': 'sgd'	0.912907	0.919727	0.927072	0.928084	0.925459	0.922650	0.005665	40
19.844223	4.465988	0.006350	0.001851	relu	0.001000	(100,)	adam	'activation': 'relu', 'alpha': 0.001, 'hidden_layer_sizes': (100,), 'solver': 'adam'	0.925498	0.928122	0.935467	0.935433	0.931234	0.931151	0.003952	7
16.531072	0.885784	0.007312	0.003830	relu	0.001000	(100,)	sgd	'activation': 'relu', 'alpha': 0.001, 'hidden_layer_sizes': (100,), 'solver': 'sgd'	0.911857	0.924449	0.928122	0.924934	0.925984	0.923069	0.005747	38
23.184364	1.631910	0.007606	0.002930	relu	0.001000	(150,)	adam	'activation': 'relu', 'alpha': 0.001, 'hidden_layer_sizes': (150,), 'solver': 'adam'	0.923924	0.924449	0.937566	0.937008	0.930184	0.930626	0.005868	12
21.997824	4.137875	0.007313	0.002523	relu	0.001000	(150,)	sgd	'activation': 'relu', 'alpha': 0.001, 'hidden_layer_sizes': (150,), 'solver': 'sgd'	0.911333	0.922875	0.928122	0.925459	0.929134	0.923385	0.006408	35
8.081057	1.105258	0.005721	0.002942	relu	0.010000	(50,)	adam	'activation': 'relu', 'alpha': 0.01, 'hidden_layer_sizes': (50,), 'solver': 'adam'	0.923400	0.929171	0.933893	0.934383	0.930709	0.930311	0.003966	15
8.146571	0.454636	0.004251	0.000134	relu	0.010000	(50,)	sgd	'activation': 'relu', 'alpha': 0.01, 'hidden_layer_sizes': (50,), 'solver': 'sgd'	0.915005	0.923924	0.927597	0.927034	0.930184	0.924749	0.005263	28
13.450869	2.071855	0.006647	0.001591	relu	0.010000	(100,)	adam	'activation': 'relu', 'alpha': 0.01, 'hidden_layer_sizes': (100,), 'solver': 'adam'	0.922350	0.929696	0.935467	0.938583	0.934908	0.932201	0.005693	2
16.601931	1.563143	0.005543	0.000264	relu	0.010000	(100,)	sgd	'activation': 'relu', 'alpha': 0.01, 'hidden_layer_sizes': (100,), 'solver': 'sgd'	0.912907	0.923924	0.929171	0.928084	0.925459	0.923909	0.005806	30
17.932832	3.906863	0.007166	0.002102	relu	0.010000	(150,)	adam	'activation': 'relu', 'alpha': 0.01, 'hidden_layer_sizes': (150,), 'solver': 'adam'	0.923924	0.928646	0.941238	0.938583	0.930709	0.932620	0.006401	1
19.635134	0.989184	0.006174	0.000076	relu	0.010000	(150,)	sgd	'activation': 'relu', 'alpha': 0.01, 'hidden_layer_sizes': (150,), 'solver': 'sgd'	0.914481	0.921826	0.926548	0.924934	0.929659	0.923489	0.005166	33
20.191227	4.188578	0.014941	0.005528	tanh	0.000100	(50,)	adam	'activation': 'tanh', 'alpha': 0.0001, 'hidden_layer_sizes': (50,), 'solver': 'adam'	0.921301	0.926023	0.938090	0.939633	0.931759	0.931361	0.006979	6
12.815363	0.768418	0.013311	0.004045	tanh	0.000100	(50,)	sgd	'activation': 'tanh', 'alpha': 0.0001, 'hidden_layer_sizes': (50,), 'solver': 'sgd'	0.911857	0.920252	0.928122	0.923360	0.927559	0.922230	0.005931	45
41.296467	9.728540	0.018344	0.002622	tanh	0.000100	(100,)	adam	'activation': 'tanh', 'alpha': 0.0001, 'hidden_layer_sizes': (100,), 'solver': 'adam'	0.922350	0.924449	0.935992	0.937008	0.932808	0.930521	0.006014	14
26.467898	1.094161	0.025146	0.004898	tanh	0.000100	(100,)	sgd	'activation': 'tanh', 'alpha': 0.0001, 'hidden_layer_sizes': (100,), 'solver': 'sgd'	0.912382	0.920776	0.926548	0.926509	0.922545	0.905547	0.007545	42
54.413109	16.933176	0.023445	0.000221	tanh	0.000100	(150,)	adam	'activation': 'tanh', 'alpha': 0.0001, 'hidden_layer_sizes': (150,), 'solver': 'adam'	0.924974	0.924449	0.935992	0.931759	0.930709	0.929576	0.004351	18
34.096626	1.684655	0.027996	0.008859	tanh	0.000100	(150,)	sgd	'activation': 'tanh', 'alpha': 0.0001, 'hidden_layer_sizes': (150,), 'solver': 'sgd'	0.912382	0.921826	0.927597	0.925984	0.928609	0.923280	0.005920	36
22.143486	4.532176	0.010608	0.000535	tanh	0.001000	(50,)	adam	'activation': 'tanh', 'alpha': 0.001, 'hidden_layer_sizes': (50,), 'solver': 'adam'	0.921826	0.927597	0.938615	0.937008	0.935958	0.932201	0.006437	3
13.181641	1.498212	0.010049	0.000062	tanh	0.001000	(50,)	sgd	'activation': 'tanh', 'alpha': 0.001, 'hidden_layer_sizes': (50,), 'solver': 'sgd'	0.911857	0.924974	0.929171	0.925984	0.926509	0.923699	0.006081	32
42.239000	8.380962	0.020772	0.007589	tanh	0.001000	(100,)	adam	'activation': 'tanh', 'alpha': 0.001, 'hidden_layer_sizes': (100,), 'solver': 'adam'	0.921826	0.924974	0.937566	0.935958	0.934383	0.930941	0.006318	9
27.391796	1.188950	0.020367	0.006422	tanh	0.001000	(100,)	sgd	'activation': 'tanh', 'alpha': 0.001, 'hidden_layer_sizes': (100,), 'solver': 'sgd'	0.912382	0.921826	0.928122	0.924409	0.924934	0.922335	0.005364	44
33.217559	11.527404	0.029478	0.008915	tanh	0.001000	(150,)	adam	'activation': 'tanh', 'alpha': 0.001, 'hidden_layer_sizes': (150,), 'solver': 'adam'	0.922875	0.928122	0.934942	0.935958	0.932808	0.930941	0.004851	10
32.641388	1.184371	0.029667	0.008614	tanh	0.001000	(150,)	sgd	'activation': 'tanh', 'alpha': 0.001, 'hidden_layer_sizes': (150,), 'solver': 'sgd'	0.913431	0.921826	0.928646	0.926509	0.928084	0.923699	0.005666	31
16.174351	3.956814	0.010153	0.000267	tanh	0.010000	(50,)	adam	'activation': 'tanh', 'alpha': 0.01, 'hidden_layer_sizes': (50,), 'solver': 'adam'	0.921301	0.928646	0.937566	0.935433	0.931759	0.930941	0.005708	11
12.787585	0.820891	0.015218	0.006098	tanh	0.010000	(50,)	sgd	'activation': 'tanh', 'alpha': 0.01, 'hidden_layer_sizes': (50,), 'solver': 'sgd'	0.912382	0.919727	0.926023	0.924409	0.930184	0.922545	0.006085	41
33.789020	4.842609	0.017818	0.001766	tanh	0.010000	(100,)	adam	'activation': 'tanh', 'alpha': 0.01, 'hidden_layer_sizes': (100,), 'solver': 'adam'	0.922875	0.926023	0.934942	0.940682	0.933858	0.931676	0.006418	5
25.134328	1.411759	0.017434	0.001323	tanh	0.010000	(100,)	sgd	'activation': 'tanh', 'alpha': 0.01, 'hidden_layer_sizes': (100,), 'solver': 'sgd'	0.911857	0.920776	0.927072	0.927034	0.930184	0.923385	0.006524	34
42.453232	11.205061	0.024035	0.004014	tanh	0.010000	(150,)	adam	'activation': 'tanh', 'alpha': 0.01, 'hidden_layer_sizes': (150,), 'solver': 'adam'	0.922875	0.927597	0.940189	0.938058	0.932283	0.932200	0.006423	4
33.653531	0.896966	0.028084	0.008364	tanh	0.010000	(150,)	sgd	'activation': 'tanh', 'alpha': 0.01, 'hidden_layer_sizes': (150,), 'solver': 'sgd'	0.911333	0.921301	0.927597	0.924934	0.929659	0.922965	0.006453	39
13.611701	1.011785	0.006149	0.000495	logistic	0.000100	(50,)	adam	'activation': 'logistic', 'alpha': 0.0001, 'hidden_layer_sizes': (50,), 'solver': 'adam'	0.919727	0.923924	0.935992	0.934908	0.930709	0.929052	0.006300	23
14.149372	0.055523	0.006248	0.000342	logistic	0.000100	(50,)	sgd	'activation': 'logistic', 'alpha': 0.0001, 'hidden_layer_sizes': (50,), 'solver': 'sgd'	0.912382	0.912382	0.924449	0.921260	0.920735	0.918242	0.004950	52
26.271873	4.652889	0.008690	0.000178	logistic	0.000100	(100,)	adam	'activation': 'logistic', 'alpha': 0.0001, 'hidden_layer_sizes': (100,), 'solver': 'adam'	0.919203	0.924974	0.933368	0.935958	0.931759	0.929052	0.006120	22
33.621371	1.550593	0.008560	0.000100	logistic	0.000100	(100,)	sgd	'activation': 'logistic', 'alpha': 0.0001, 'hidden_layer_sizes': (100,), 'solver': 'sgd'	0.909759	0.913431	0.925498	0.922310	0.924409	0.919082	0.006306	49
24.095789	7.029436	0.013119	0.004144	logistic	0.000100	(150,)	adam	'activation': 'logistic', 'alpha': 0.0001, 'hidden_layer_sizes': (150,), 'solver': 'adam'	0.917104	0.928646	0.933368	0.936483	0.930184	0.929157	0.006603	20
42.722519	1.401274	0.010993	0.000115	logistic	0.000100	(150,)	sgd	'activation': 'logistic', 'alpha': 0.0001, 'hidden_layer_sizes': (150,), 'solver': 'sgd'	0.911857	0.912907	0.924974	0.922310	0.925459	0.919501	0.005920	48
11.695150	2.167251	0.008483	0.004443	logistic	0.001000	(50,)	adam	'activation': 'logistic', 'alpha': 0.001, 'hidden_layer_sizes': (50,), 'solver': 'adam'	0.923924	0.926023	0.935467	0.932808	0.928084	0.929261	0.004277	19
14.300560	0.057058	0.011265	0.002984	logistic	0.001000	(50,)	sgd	'activation': 'logistic', 'alpha': 0.001, 'hidden_layer_sizes': (50,), 'solver': 'sgd'	0.909234	0.911857	0.922350	0.923360	0.921260	0.917612	0.005867	53
26.299641	3.263118	0.009384	0.001437	logistic	0.001000	(100,)	adam	'activation': 'logistic', 'alpha': 0.001, 'hidden_layer_sizes': (100,), 'solver': 'adam'	0.921301	0.924449	0.934418	0.934383	0.931234	0.929157	0.005351	21
32.156416	1.222405	0.010985	0.002384	logistic	0.001000	(100,)	sgd	'activation': 'logistic', 'alpha': 0.001, 'hidden_layer_sizes': (100,), 'solver': 'sgd'	0.911857	0.912382	0.923400	0.921785	0.923360	0.918557	0.005291	51
28.806508	4.652324	0.011008	0.000092	logistic	0.001000	(150,)	adam	'activation': 'logistic', 'alpha': 0.001, 'hidden_layer_sizes': (150,), 'solver': 'adam'	0.921301	0.922875	0.936516	0.934908	0.929659	0.929052	0.006142	24
42.846591	1.095333	0.011608	0.000079	logistic	0.001000	(150,)	sgd	'activation': 'logistic', 'alpha': 0.001, 'hidden_layer_sizes': (150,), 'solver': 'sgd'	0.912382	0.912907	0.926548	0.924409	0.926509	0.920551	0.006504	46
9.879049	1.509752	0.008536	0.003271	logistic	0.010000	(50,)	adam	'activation': 'logistic', 'alpha': 0.01, 'hidden_layer_sizes': (50,), 'solver': 'adam'	0.917104	0.925498	0.932844	0.934908	0.930184	0.928108	0.006338	25
14.171625	0.102597	0.010220	0.003520	logistic	0.010000	(50,)	sgd	'activation': 'logistic', 'alpha': 0.01, 'hidden_layer_sizes': (50,), 'solver': 'sgd'	0.909234	0.909759	0.922350	0.922310	0.920210	0.916773	0.005994	54
18.555469	1.545875	0.010527	0.002896	logistic	0.010000	(100,)	adam	'activation': 'logistic', 'alpha': 0.01, 'hidden_layer_sizes': (100,), 'solver': 'adam'	0.919727	0.922875	0.930745	0.933333	0.932283	0.927793	0.005456	26
31.792329	1.507184	0.009653	0.001767	logistic	0.010000	(100,)	sgd	'activation': 'logistic', 'alpha': 0.01, 'hidden_layer_sizes': (100,), 'solver': 'sgd'	0.911333	0.913431	0.925498	0.923360	0.921785	0.919081	0.005635	50
20.254692	1.796257	0.013939	0.006020	logistic	0.010000	(150,)	adam	'activation': 'logistic', 'alpha': 0.01, 'hidden_layer_sizes': (150,), 'solver': 'adam'	0.916579	0.924974	0.930745	0.930184	0.931234	0.926743	0.005558	27
45.856850	2.409260	0.017029	0.005925	logistic	0.010000	(150,)	sgd	'activation': 'logistic', 'alpha': 0.01, 'hidden_layer_sizes': (150,), 'solver': 'sgd'	0.913431	0.913431	0.926023	0.923360	0.924409	0.920131	0.005536	47