|  |  |  |  |
| --- | --- | --- | --- |
| Алгоритм | CH0 | CH1 | Time(сек) |
| KNN: точность  параметры | 0.765 | 0.762 | 447 |
| ALG=ball\_tree, k=30, L\_S=1, M=euclidean, P=1, W=distance | ALG=ball\_tree, k=20, L\_S=1, M= euclidean, P=1, W=distance |
| SVM: точность  параметры | 0.881 | 0.894 | 131 |
| C=10, gamma=0.001, kernel=sigmoid | C=10, gamma=0.001, kernel=rbf |
| RandomForest: точность  параметры | 0.779 | 0.804 | 590 |
| MSL=1, MSS=4, log2 | MSL=2, MSS=4, log2 |
| XGBoost: точность  параметры | 0.792  Hist, S=0.5, M\_D=1, LR=0.1, C\_B=0.5 | 0.802  Hist, S=0.5, M\_D=1, LR=0.1, C\_B=0.7 | 1386 |
| FCNN: точность  параметры | 0.915 | 0.904 | 79 |
| EP=150, dur=0.25, batch=32 | |
| CNN: точность  параметры | 0.941 | 0.915 | 369 |
| EP=150, dur=0.3, batch=64 | |
| RNN: точность  параметры | 0.931 | 0.971 | 1731 |
| EP=150, dur=0.25, batch=128 | |
| E\_FCNN: точность  параметры | 0.973 | | 29 |
| EP=200, dur=0.25, batch=128 | |
| E\_CNN: точность  параметры | 0.941 | | 186 |
| EP=500, dur=0.25, batch=128 | |

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| --- | --- | --- | --- | --- | --- |
| Алгоритм | TOP1 | TOP2 | TOP3 | TOP4 | TOP5 |
| FCNN: CH0  CH1 | 0.915 | 0.957 | 0.963 | 0.968 | 0.979 |
| 0.904 | 0.952 | 0.963 | 0.984 | 0.984 |
| CNN: CH0  CH1 | 0.941 | 0.968 | 0.973 | 0.979 | 0.995 |
| 0.915 | 0.963 | 0.968 | 0.984 | 0.984 |
| RNN: CH0  CH1 | 0.931 | 0.979 | 0.984 | 0.989 | 0.989 |
| 0.971 | 0.989 | 0.994 | 1.000 | 1.000 |