MLP Dataset	topology spoch	h LR	Train acc Test acc CLE	MLP amount Train MLP amount Test	Train acc MLP amount Tr	ain												
Covertype	30,30	100	0.01 63.81 40 0.568952414 0.05 75.24 51.43 0.473124011		63.81 1890000 75.24 1890000													
	20,20	100	0.01 87.81 45.71 0.255964516 0.05 59.05 37.14 1.12291371 0.05 58.73 40 1.14079661	6 1260000 1400 5 945000 1050	87.61 3780000 59.05 1260000 58.73 945000													
Dataset	15,15 topology epoch	100 th LR	0.005 42.86 22.86 0.842910164 Train acc Test acc GLE	1 945000 1050 MLP amount Train MLP amount Test	42.86 945000 Train Accupancy													
Digits	30,30 20,20	100 200	0.01 92.867 74 0.210858326 0.05 100 84 0.00525269842 0.05 98.44 84 0.0550086167	3 2700000 3000 4 1800000 2000	28.349 % 22.857 % 13.968 %													
	20,20 15,15	100	0.05 98.44 84 0.0580088167 0.005 52.89 50 0.851934754 0.01 87.55 72 0.309190319	1 180000 2000 8 1350000 1500	13.968 % 28.571 % 26.032 %													
Dataset	15,15 topology epoch	th LR	0.01 87.55 72 0.309190319 Train acc Test acc GLE	MLP amount Train MLP amount Test	28.032 % 23.81 % 13.016 % 24.444 %													
breast cancer	20,20 15,15	100	0.01 99.21 100 0.0408641290 0.05 99.47 92.88 0.0219419904		24.444 %													
Dataset	15,15 topology epoch	100 th LR	0.005 96.82 100 0.206944396 Train acc Test acc GLE	7 1134000 1260 MLP amount Train MLP amount Test	14.921 % 14.921 % 15.238 %													
wine dataset	30,30 30,30	100 200	0.01 98.06 100 0.105643931 0.01 100 95 0.0216169902	2 1860000 1200	12.063 % 8.254 %													
	20,20	100	0.05 100 100 0.00424409178 0.005 94.19 95 0.269913106	3 620000 800 9 465000 600	25.397 %													
	15,15	200	0.005 100 90 0.0451761518	3 930000 600														
Activation Algor Digits Dataset												Reduction % Train Avenage Redu%						
digits, 100 epochs	Learning Rate Walte	0.1 (64,30,30,10)	Image index F clamp WA 1 nandom(0.5;1) -10,10		Algorithm Version Test accuracy 1 E1-E5 WA M 68.0 %		Average skipped Training Average skipped Test Total skipped training Total skipped Test Layer 1: 6.571505505050505, Layer 1: 446, Layer 2: 7.0 Layer 1: 20720, Layer 2: 40750 Layer 1: 323, Layer				naining Reduction % Test 0.2604748148	Reduction % Train Average Redu% 0.225 just one number for each top		n Total Skiped Train 703282	Sum Total Skiped Test 675			1996718 232
digits, 100 epochs	0.01	0.01 [84,30,30,10]	2 random(0.5,1) -10,10		E1-E5 WAM 76.0 %	0.3376570528 87.556 %	Layer 1:0.09228686868686868. Layer Layer 1: 0.0, Layer 2: 7.84 Layer 1: 4152, Layer 2: 475283 Layer 1: 0, Layer 2: 7.84 Layer 1: 4152, Layer 2: 475283 Layer 1: 0, Layer 2: 7.84 Layer 1: 4152, Layer 2: 475283 Layer 1: 0, Layer 2: 7.84 Layer 1: 4152, Layer 2: 475283 Layer 1: 0, Layer 2: 47528 Layer 2: 47528 Lay					0.1273333333		477435	382	2222565	2618	2222565 261
digits, 100 epochs	0.01	0.05 [64,30,30,10]	3 nandom(0.5,1) -10,10	0.05 2 yes(10)	E1-E5 WA M 70.0 %	0.4473339336 91.111 %	Layer 1: 5.955469869869868, Layer (Layer 1: 5.86, Layer 2: 4.9 Layer 1: 267996, Layer 2: 35888 Layer 1: 293, Layer	ir Random(-1,1) Ran	dom(0,1)	2700000 3000	0.2321722222	0.1806966667		626965	542	2073135	2458	2073135 245
digits, 200 epochs	0.05	0.05 [64,20,20,10]	4 nandom(0.5,1) -10,10		E1-E5 WA M 80.0 %	0.00243775015 99.778 %	Layer 1: 0.774522222222222, Layer Layer 1: 0.0 Layer 2: 1.0 Layer 1: 09707, Layer 2: 188834 Layer 1: 0, Layer			3600000 2000	0.07181416666	0.025		258531	50	3341469	1950	3341469 195
digits, 200 epochs	0.05	0.01 [64,20,20,10]	5 random(0.5,1) -10,10		E1-E5 WA M 62.0 %	0.9477591753 79.333 %	Layer 1:0.0173888888888888888888888888888888888888			3600000 2000	0.05771972222	0.032		207791	64	3392209	1936	3392209 193
digits, 100 epochs	0.05	0.1 [64,20,20,10]	6 random(0.5,1) -10,10		E1-E5 WA M 72.0 %	0.1184274958 97.111 %	Layer 1:0.1478, Layer 2: 7.67242222 Layer 1: 0.1478 Layer 2: 7 Layer 1: 8851, Layer 2: 345259 Layer 1: 0, Layer 2: 7			1800000 2000	0.1965065566	0.174		351910	348	1448090	1652	1448090 165
digits, 100 epochs digits, 100 epochs	0.05	0.01 [84,20,20,10]	7 nandom(0.5,1) -10,10 8 nandom(0.5,1) -10,10		E1-E5 WA M 74.0 %	0.2921487433 89.556 % 0.7696588309 56.667 %	Layer 1: 0.045695695695695695, Layer Layer 1: 0.0 Layer 2:5.78 Layer 1: 2055, Layer 2: 302003 Layer 1: 0, Layer 2: 5.72 Layer 2: 302003 Layer 1: 0, Layer 2: 5.72 Layer 3: 5.72 Layer 2: 5.72 Layer 3:			1800000 2000 1350000 1500	0.1689711111	0.1445		304148	289	1495852	1711	1495852 171 950889 113
digits, 100 epochs digits, 100 epochs	0.005	0.01 [64,15,15,10]	8 random(0.5,1) -10,10 9 random(0.5,1) -10,10		E1-E5 WA M 18.0 %	0.769638309 56.667 %	Layer 1:1.93000000000000000000000000000000000000			1350000 1500 1350000 1500	0.2956377778	0.148		399111	364	900889		950889 113 1045948 127
digits, 100 epochs	0.01	0.1 (64,15,15,10)	10 nandom(0.5,1) -10,10		E1-E5 WAM 24.0 %	1.084450728 44.444 %	Layer 1:0.052222222222222, Layer ayer 1: 0.0 Layer 2: 4.44 Layer 1: 3/40, Layer 2: 300307 Layer 1: 0, Layer 2: 500307 Layer 1: 0, Layer 2: 500303 Layer 1: 2, Layer 2: 500303 Layer 1: 2, Layer 2: 500303 Layer 1: 2, Layer 2: 500303 Layer 2: 500303 Layer 2: 2, Layer 2: 500303 Layer 3: 2, Layer 3:			1350000 1500	0.2723103704	0.1988868887		367619	294	982381	1206	982381 12/
digits, 100 epochs	0.01	0.1 [84,15,15,10]	11 random(0.5,1) -10,10		E1-E5 WA M 66.0 %		Layer 1: LOST DATA, Layer 2: 8.109(Layer 1: 4.98 Layer 2: 6.0 Layer 1: 231759, Layer 2: 38472 Layer 1: 248, Layer			1350000 1500		0.9653333333		596485	548	753515	952	753515 95
digits, 100 epochs	0.01	0.1 [84,15,15,10]	12 random(0.5,1) -10,10	0.005 2 yes(10)	E1-E5 WA M 68.0 %	0.8767601845 79.111 % (max 90%)	Layer 1: 1.160044444444444, Layer Layer 1: 1.06 Layer 2: 5.6 Layer 1: 52202, Layer 2: 272189 Layer 1: 53, Layer	2 Random(-1,1) Ran	dom(0,1)	1350000 1500	0.2402896296	0.2246666667		324391	337	1025609	1163	1025609 116
Wine dataset																		
wine, 100 epochs	Learning Rate Waller	0.01 [14,30,30,2]	Image index F clamp WA 1 nandom(0.5,1) -10,10	inDistrubtionMultiple outDistrubtrionMultipler Seeded 0.05 2 yes(10)	Algorithm Version Test accuracy (E1-E5 WA M 95.0 %		Average skipped Training Average skipped Test Total skipped training Total skipped Test Layer 1: 10.021354838709678, Layer Layer 1: 9.56, Layer 2: 10.1 Layer 1: 155331, Layer 2: 18138 Layer 1: 191, 205				naining Reduction % Test 0.3620591398	Reduction % Train Average Redu% 0.33 just one number for each top	Test Average Redu% Sun	n Total Skiped Train 336715	Sum Total Skiped Test 396			593285 80
wine, 100 epochs	0.01	0.01 [14,30,30,2]	2 random(0.5,1) -10,10		E1-E5 WA M 85.0 %		Layer 1: 10.345483870987742; Layer Layer 1: 10.2; Layer 2: 14; Layer 1: 160355; Layer 2: 22975 Layer 1: 204, 280			930000 1200	0.4194688172	0.403333333		390106	484	539894	716	539894 71
wine, 100 epochs	0.01	0.1 [14,30,30,2]	3 random(0.5,1) -10,10		E1-E5 WA M 60.0 %		Layer 1: 14.580129032258084, Layer Layer 1: 11.7, Layer 2: 13.1 Layer 1: 225992, Layer 2:23147; Layer 1: 234, 265			930000 1200		0.4158333333		457464	499	472536	701	472536 70
wine, 200 epochs wine, 100 epochs	0.01	0.1 [14,30,30,2]	4 random(0.5,1) -10,10 5 random(0.5,1) -10,10		E1-E5 WAM 85.0 %	0.1838109445 90.968 %	Layer 1: 11.372612903225807, Layer Layer 1: 10.25, Layer 2: 7. Layer 1: 352551, Layer 2: 2880Layer 1: 205, 146 Layer 1: 5.011161290322581, Layer 2: 4.6, Layer 2: 4.7. Layer 1: 77673, Layer 2: 68001 Layer 1:92, 94			1860000 1200 620000 800	0.3491145161	0.2925		649353 146574	351	1210847		1210847 84 473426 61
wine, 100 epochs	0.05	0.1 [14,20,20,2]	6 random(0.5,1) -10,10		E1-E5 WAM 60.0 %		Layer 1: 6.653483870967742, Layer 1: 6.1, Layer 2: 4.45 Layer 1: 103129, Layer 2: 77667 Layer 1:122, 89			620000 800	0.2916064516	0.26375		180796	211			439204 58
wine, 100 epochs	0.05	0.1 [14,20,20,2]	7 nandom(0.5,1) -10,10	0.005 2 yes(10)	E1-E5 WA M 50.0 %	0.462860141 65.161 %	Layer 1: 8.509741995483872, Layer Layer 1: 7.3, Layer 2: 3.0 Layer 1: 131901, Layer 2: 89407 Layer 1:146, 60	Random(0,1) Ran	dom(0,1)	620000 800	0.3589483871	0.2575		221308	206	398692	594	398692 59
wine, 100 epochs	0.05	0.05 [14,20,20,2]	8 random(0.5,1) -10,10		E1-E5 WA M 90.0 %	0.5784063124 77.419 %	Layer 1: 5.418838709677419, Layer 1: 5.55, Layer 2: 2.4 Layer 1: 83961, Layer 2: 81243 Layer 1:111, 48			620000 800	0.2664580645	0.19875		165204	159	454796	641	454796 64
wine, 100 epochs wine, 100 epochs	0.005	0.01 [14,15,15,2]	9 random(0.5,1) -10,10 10 random(0.5,1) -10,10		E1-E5 WAM 75.0 %	0.3395282926 80.0 %	Layer 1: 6.252903225809452, Layer 1: 42, Layer 2: 8.25 Layer 1: 96020, Layer 2:102953 Layer 1:84, 165 Layer 1: 6.252903325809452, Layer 1: 42, Layer 2: 8.25 Layer 1: 96020, Layer 2:102953 Layer 1:84, 165			485000 600 485000 600	0.4298344086	0.415		199873	249	265127	351	265127 35 265127 35
wine, 100 epochs	0.005	0.1 [14,15,15,2]	11 random(0.5,1) -10,10		E1-E5 WAM 70.0 %		Layer 1: 9.974645161290322, Layer 1: 9.7, Layer 2: 11.71 Layer 1: 154607, Layer 2: 179751 Layer 1: 194, 235				0.7190580845	0.715		334362	429		171	130638 17
wine, 200 epochs	0.005	0.1 [14,15,15,2]	12 random(0.5,1) -10,10	0.01 2 yes(10)	E1-E5 WA M 40.0 %	0.7651841204 42.581 %	Layer 1: 11.722935483870968, Layer Layer 1: 12.6, Layer 2: 11./ Layer 1: 363411, Layer 2: 36399 Layer 1: 252, 220	Random(0,1) Ran	dom(0,1)	930000 600	0.7714043011	0.7866666667		717406	472	212594	128	212594 12
Breast Cancer Dataset	Learning Rate Walled	learning rate Toology	Image index F clamp WA	inDistrubtionMultiple outDistrubtrionMultipler Seeded	Abovithm Version Test accuracy	Girhal From Train Accuratory	Average skipped Training Average skipped Test Total skipped training Total skipped Test	WA Init WI In	nit M.P.Amoon	ours Training MI P Amount Test T	taining Resturting % Test	Reduction %. Train Average Back/S.	Test Average Redu/S. Sun	m Total Skinari Train	Sum Total Shinari Tast	Active W& Train	Artine W& Test	
cancer, 100 epochs	0.01	0.1 [30,30,30,2]	1 random(0.5,1) -10,10		E1-E5 WAM 100.0 %		Layer 1: 10.092195767195767, Layer Layer 1: 7.095236095236C Layer 1: 381485, Layer 2: 40619 Layer 1: 298 , 445					0.2948412698 just one number for each top		787684	743		1777	
cancer, 100 epochs	0.01	0.05 [90,30,30,2]	2 random(0.5,1) -10,10	0.01 2 yes(10)	E1-E5 WA M 85.7 %	0.2095458025 94.18 %	Layer 1: 11.09941798941799, Layer 1: 11.619047619047 Layer 1: 419558, Layer 2: 29157 Layer 1: 488, 233			2268000 2520	0.3135524691	0.2861111111		711137	721	1556863	1799	
cancer, 100 epochs	0.01	0.1 [30,30,30,2]	3 random(0.5,1) -10,10	0.05 2 yes(10)	E1-E5 WA M 90.4 %	0.2762642425 89.418 %	Layer 1: 10.782982982982982, Layer Layer 1: 8.3809523809525 Layer 1: 407598, Layer 2: 31827 Layer 1: 352, 268	Random(-1,1) Ran	dom(0,1)	2268000 2520	0.3200507055	0.2452380952		725875	618	1542125	1902	
cancer, 100 epochs	0.01	0.1 [30,30,30,2]	4 random(0.5,1) -10,10		E1-E5 WA M 92.8 %	0.2449846702 91.534 %	Layer 1: 13.375, Layer 2: 12.181587\$Layer 1: 13.857142857142 Layer 1: 505575, Layer 2: 46048 Layer 1: 582, 304					0.3873015873		966039	976	1301961	1544	
cancer, 100 epochs	0.05	0.1 [30,20,20,2]	5 nandom(0.5,1) -10,10	0.005 2 yes(10)	E1-E5 WA M 66.6 %	1.025764536 67.196 %	Layer 1: 11.224100529100529, Layer Layer 1: 10.047619047615 Layer 1: 424271, Layer 2: 25288 Layer 1: 422, 172			1512000 1680	0.4478531746	0.3535714286		677154	594	834846	1088	
cancer, 100 epochs	0.05	0.01 [30,20,20,2]	6 nandom(0.5,1) -10,10		E1-E5 WA M 83.3 %		Layer 1: 4.71973544973545, Layer 2 Layer 1: 5.095238095238 Layer 1: 178406, Layer 2:16761-Layer 1: 214, 201					0.2470238095		346020	415		1265	
cancer, 100 epochs	0.05	0.05 [30,20,20,2]	7 random(0.5,1) -10,10 8 random(0.5,1) -10,10		E1-E5 WA M 47.6 %	1.016833582 62.698 % 1.139166657 58.73 %	Layer 1: 9.6436079360794, Layer (Layer 1: 11.5230052380) Layer 1: 384530, Layer 2: 1465 (Layer 1: 484, 85 Layer 1: 10.098121693121692, Layer Layer 1: 10.3806523900; Layer 1: 381700, Layer 2: 21040 Layer 1: 436, 125			1512000 1680 1512000 1680		0.3386904762		511049 592116	569		1111	
cancer, 100 epochs	0.05	0.1 [30,20,20,2]	8 random(0.5,1) -10,10 9 random(0.5,1) -10,10		E1-E5 WA M 90.47 %	1.139166657 58.73 % 0.3394510675 86.243 %	Layer 1: 10.098121693121692; Layer Layer 1: 10.38095239095; Layer 1: 381709; Layer 2: 21040; Layer 1: 436, 125 Layer 1: 3.03898253968254, Layer (Layer 1: 4.571429571428; Layer 1: 148893; Layer 2: 21754; Layer 1: 10.2212			1512000 1680 1134000 1280		0.3339285714		592116 366434	561	919884 767566	1119	
cancer, 100 epochs	0.05	0.05 [30,15,15,2]	9 random(0.5,1) -10,10 10 random(0.5,1) -10,10		E1-E5 WAM 73.80 %	0.3394510675 86.243 %	Layer 1: 3.938989253989254, Layer (Layer 1: 4.571428571428 Layer 1: 148893, Layer 2: 21754 Layer 1: 192, 212 Layer 1: 3.5346296296296365, Layer Layer 1: 3.6904761904761 Layer 1: 133900, Layer 2: 21000 Layer 1: 155, 196			1134000 1290	0.3231340388	0.2785714286		368434	404	7894R3	909	
cancer, 100 epochs	0.05	0.05 [30,15,15,2]	11 random(0.5,1) -10,10		E1-E5 WAM 73.80 %	0.3795585578 83.862 %	Layer 1: 3.539-62/62/62/62/62/62/62/62/62/62/62/62/62/6			1134000 1260	0.3097081129	0.2753968254		351209	347	782791	913	
cancer, 100 epochs	0.05	0.01 [30,15,15,2]	12 random(0.5,1) -10,10		E1-E5 WA M 80.95 %	0.2026670602 87.566 %	Layer 1: 3.273862433860434, Layer Layer 1: 4.2857142857142 Layer 1: 123752, Layer 2: 24235 Layer 1: 180, 286			1134000 1260		0.3698412698		366104	466	767896	794	
Covt Dataset																		
Dataset	Learning Rate Walled		Image index F clamp WA			Global Error Train Accucarcy	Average skipped Training Average skipped Test Total skipped training Total skipped Test					Reduction % Train Average Redu% 0.2987952381 and one number for each ton	Test Average Redu% Sun	n Total Skiped Train	Sum Total Skiped Test		Active WA Test	
covt, 100 epochs	0.01	0.01 [54,30,30,7]	1 random(0.5,1) -10,10		E1-E5 WA M 28.57	1.731612139 26.349 %	Layer 1: 5.503365079365079, Layer (Layer 1: 4.6, Layer 2: 12.6 Layer 1: 175435, Layer 2: 41464 Layer 1: 161, 444					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		590084	605		1495	
covt, 100 epochs	0.01	0.1 [54,30,30,7]	2 random(0.5,1) -10,10 3 random(0.5,1) -10,10		E1-E5 WAM 17.14 E1-E5 WAM 8.57	1.747455256 22.857 %	Layer 1: 7.873398825308825, Layer (Layer 1: 7.8857142857142 Layer 1: 248012, Layer 2:35468(Layer 1: 209, 374 Layer 1: 17.081142857142858, Layer 1: 22.342857142857 Layer 1: 38056, Layer 2: 27956(Layer 1: 762, 182			1890000 2100 1890000 2100		0.3081904762		817641	643	1287303	1457	
covt, 100 epochs	0.05	0.01 [54,30,30,7]	3 random(0.5,1) -10,10 4 random(0.5,1) -10,10		E1-E5 WAM 8.57	2.317222985 13.988 %	Layer 1: 17.081142807142808, Layer Layer 1: 22.342937142951 Layer 1: 538056, Layer 2: 27008 Layer 1: 782, 182 Layer 1: 5.034634920634921, Layer Layer 1: 0.0, Layer 2: 9.85 Layer 1: 158091, Layer 2: 45703 Layer 1: 0, 345			1890000 2100	0.4326142857	0.1642857143		817641 615622	964	1274378	1755	
covt, 100 spochs	0.01	0.01 [54,30,30,7]	5 random(0.5,1) -10,10		E1-E5 WA M 17.14		Layer 1: 5.034634420634421, Layer Layer 1: 0.0, Layer 2: 5.60 Layer 1: 150091, Layer 2: 407431ayer 1: 0, 345 Layer 1: 4.146873015873016, Layer Layer 1: 0.0, Layer 2: 4.68 Layer 1: 261253, Layer 2: 67202 Layer 1: 0, 164			3780000 2100		0.07809523809		933277	164	2846723	1936	
covt, 100 spochs	0.05	0.01 [54,20,20,7]	6 random(0.5,1) -10,10	0.01 2 yes(10)	E1-E5 WA M 40	3.658602244 23.81 %	Layer 1: 0.24768253088253087, Layer 1: 0.0, Layer 2: 3.6 Layer 1: 7802, Layer 2: 125982 Layer 1: 0, 126			1200000 1400	0.1061539683	0.09		133754	126	1126246	1274	
covt, 100 spochs	0.05	0.1 [54,20,20,7]	7 nandom(0.5,1) -10,10		E1-E5 WAM 8.571	2.104289848 13.016 %	Layer 1: 9.321428571428571, Layer Layer 1: 16.028571428571 Layer 1:203825, Layer 2: 14985 Layer 1: 561, 97			1200000 1400	0.3518126964	0.47		443284	658	816716	742	
covt, 100 epochs	0.05	0.1 [54,20,20,7]	8 random(0.5,1) -10,10		E1-E5 WA M 34.28	2.695114311 24.444 %	Layer 1: 7.096761904761904, Layer (Layer 1: 6.542857142857(Layer 1:223548, Layer 2: 21059(Layer 1:229, 228			1260000 1400	0.3445611111	0.3284285714		434147	457		943	
covt, 100 epochs	0.05	0.1 [54,20,20,7]	9 nandom(0.5,1) -10,10	0.005 1 yes(10)	E1-E5 WA M 17.14	2.902239729 14.921 %	Layer 1: 1.0895079395079384, Layer Layer 1: 1.0, Layer 2: 2.71- Layer 1:34225, Layer 2: 137076 Layer 1: 35, 95	Random(0,1) Ran	dom(0,1)	1260000 1400	0.1359531746	0.09285714285		171301	130	1068699	1270	
covt, 100 epochs	0.05	0.1 [54,20,20,7]	10 random(0.5,1) -10,10	0.001 2 yes(10)	E1-E5 WAM 17.14	1.845146294 14.921 %	Layer 1: 6.117619047619048, Layer Layer 1: 16.828571428571 Layer 1:192705, Layer 2:224339 Layer 1: 589, 300	Random(0,1) Ran	dom(0,1)	1200000 1400	0.3309873016	0.635		417044	889	842956	511	
covt, 100 spochs	0.005	0.1 (54,15,15,7)	11 random(0.5,1) -10,10	0.001 2 yes(10)	E1-E5 WA M 14-28	1.606815464 15.238 %	Layer 1: 4.785301587301587, Layer Layer 1: 1.0, Layer 2: 7.4 Layer 1:150107, Layer 2: 24198t Layer 1: 35, 259	Random(0.2,1) Ran	dom(0,1)	945000 1050	0.4148910053	0.28		392072	294	552928	756	

covt, 100 epochs	0.05	0.1 (54	1,15,15,7]	12 random(0.5,1	1) -10,10	0.	.005	2 yes(10)	E1-E5 WA M	5.71	1.476377386 12.063 %	Layer 1: 11.1218412698412	7, Layer Layer 1: 11.	.3714285714281	Layer 1:350338, Layer 2: 32174(Layer 1: 398, 390	Random(0.2,	1) Random(0,1)	945000	1050	0.7111957672	0.7504761905	672	1080 788	272920	262	
covt, 100 epochs	0.05	0.01 (54	1,15,15,7]	13 random(0.5,	1) -10,10	0.	.005	2 yes(10)	E1-E5 WA M	2.85	1.684387588 8.254 %	Layer 1: 1.04977777777777	77, LayerLayer 1: 0.5	9714285714285	Layer 1:33068, Layer 2: 97191 Layer 1: 34, 77	Random(0.2,	1) Random(0,1)	945000	1050	0.1378402116	0.1057142857	130	259 111	814741	939	
covt, 100 epochs	0.005	0.01 (54	5,15,15,7]	14 random(0.5,1	1) -10,10	0.	.005	2 yes(10)	E1-E5 WA M	25.71	1.370449164 25.397 %	Layer 1: 0.82790476190476	119, LayerLayer 1: 0.1	0, Layer 2: 5.5 l	Layer 1:26079, Layer 2: 184768 Layer 1: 0, 194	Random(0.2,	1) Random(0,1)	945000	1050	0.2231185185	0.1933333333	210	847 194	734153	856	
							test																			
Test accuracy MLP			Train acc	Test acc	MLP amount Train	MLP amount Te	ist																			
40				2.667			3000	30																		
51.43				100			2000	20																		
45.71				98.44			2000	20																		
37.14				52.89 87.55			1500	15																		
37.14				87.55 6.667			1500	30 WA HĀR																		
22.86				7.556			2618	30 WATHAR																		
28.57				11.111			2458	30																		
17.14			9	9.778			1950	30																		
8.57				9.333			1936	20																		
	1274378			7.111			1652	20																		
17.14				9.556			1711	20																		
40				6.667 3.556		50889 1 45948 1	1136 1278	20																		
8.571 34.28				3.556 4.444			1278	15																		
17.14				1.111			952	15																		
17.14				9.111	68 100	25609 1	1163	15																		
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25.71	734153				MLP amount Train																					
				2.667			3000																			
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				52.89 87.55			1500																			
				87.55	72 135	50000 1	1500																			