

Single Classification

| Network | Number Neurons | Network | Training Function | Performance Function | Training Goal | Activation Function | Input | Percentage Crysis (0-100) | Specificity | Sensibility | True Positives | True Negatives | False Positives | False Negatives | Invalid Data |
|-------------------------|----------------|---------|-------------------|----------------------|---------------|---------------------|-----------|---------------------------|-------------|-------------|----------------|----------------|-----------------|-----------------|--------------|
| Radial Basis Network | 3 | | - | - | 0.01 | - | 44202.mat | 30 | 0.94193 | 0.88824 | 906 | 237550 | 14645 | 114 | 0 |
| Radial Basis Network | 5 | | - | - | 0.01 | - | 44202.mat | 30 | 0.94193 | 0.89314 | 911 | 237550 | 14645 | 109 | 0 |
| Radial Basis Network | 29 | | - | - | 0.01 | - | 44202.mat | 30 | 0.89547 | 0.94706 | 966 | 225830 | 26361 | 54 | 0 |
| FeedForward | 3 | | traingd | mse | 1.00E-006 | - | 44202.mat | 30 | 0.95198 | 0.85378 | 870 | 240070 | 12109 | 149 | 16 |
| FeedForward | 5 | | traingd | mse | 1.00E-006 | - | 44202.mat | 30 | 0.96111 | 0.85686 | 874 | 242380 | 9807 | 146 | 9 |
| FeedForward | 29 | | traingd | mse | 1.00E-006 | - | 44202.mat | 30 | 0.97473 | 0.83988 | 855 | 245700 | 6370 | 163 | 125 |
| FeedForward | 3 | | trainrp | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99914 | 0.51875 | 498 | 251900 | 216 | 462 | 139 |
| FeedForward | 5 | | trainrp | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99977 | 0.42217 | 358 | 252090 | 57 | 490 | 217 |
| FeedForward | 29 | | trainrp | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99998 | 0.54793 | 503 | 251910 | 5 | 415 | 382 |
| FeedForward | 3 | | trainscg | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99772 | 0.68431 | 698 | 251620 | 575 | 322 | 0 |
| FeedForward | 5 | | trainscg | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99676 | 0.73084 | 744 | 251370 | 816 | 274 | 6 |
| FeedForward | 29 | | trainscg | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99687 | 0.72206 | 730 | 251330 | 788 | 281 | 86 |
| Layer Recurrent Network | 3 | | traingd | mse | 1.00E-006 | - | 44202.mat | 30 | 0.95511 | 0.85083 | 867 | 240760 | 11315 | 152 | 116 |
| Layer Recurrent Network | 5 | | traingd | mse | 1.00E-006 | - | 44202.mat | 30 | 0.93698 | 0.8845 | 896 | 234860 | 15797 | 117 | 1540 |
| Layer Recurrent Network | 29 | | traingd | mse | 1.00E-006 | - | 44202.mat | 30 | 0.9728 | 0.84608 | 863 | 245180 | 6855 | 157 | 157 |
| Layer Recurrent Network | 3 | | trainrp | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99994 | 0.41071 | 322 | 251880 | 15 | 462 | 529 |
| Layer Recurrent Network | 5 | | trainrp | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99986 | 0.39205 | 296 | 252150 | 35 | 459 | 272 |
| Layer Recurrent Network | 29 | | trainrp | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99998 | 0.5406 | 486 | 251940 | 5 | 413 | 372 |
| Layer Recurrent Network | 3 | | trainscg | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99765 | 0.70784 | 722 | 251600 | 592 | 298 | 0 |
| Layer Recurrent Network | 5 | | trainscg | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99561 | 0.72718 | 741 | 251070 | 1106 | 278 | 21 |
| Layer Recurrent Network | 29 | | trainscg | mse | 1.00E-006 | - | 44202.mat | 30 | 0.9955 | 0.7399 | 751 | 250840 | 1135 | 264 | 218 |
| Distributed Time Delay | 3 | | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1020 | 0 | 252190 | 0 | 0 |
| Distributed Time Delay | 5 | | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 36 | 0 | 9 | 0 | 253170 |
| Distributed Time Delay | 29 | | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0.98112 | 0.68039 | 694 | 247420 | 4762 | 326 | 16 |
| Distributed Time Delay | 3 | | traingd | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99385 | 0.67615 | 689 | 250630 | 1550 | 330 | 12 |
| Distributed Time Delay | 5 | | traingd | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99881 | 0.59762 | 603 | 251870 | 299 | 406 | 33 |
| Distributed Time Delay | 29 | | traingd | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99422 | 0.67158 | 683 | 250660 | 1458 | 334 | 82 |
| Distributed Time Delay | 3 | | traingd | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.94317 | 0.86176 | 879 | 237840 | 14332 | 141 | 22 |
| Distributed Time Delay | 5 | | traingd | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.95514 | 0.86471 | 882 | 240740 | 11307 | 138 | 148 |
| Distributed Time Delay | 29 | | traingd | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.96929 | 0.85588 | 873 | 244400 | 7744 | 147 | 53 |
| Distributed Time Delay | 3 | | traingd | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.96269 | 0.86261 | 879 | 242140 | 9385 | 140 | 667 |
| Distributed Time Delay | 5 | | traingd | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.95822 | 0.86982 | 882 | 239380 | 10438 | 132 | 2385 |
| Distributed Time Delay | 29 | | traingd | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.96338 | 0.8598 | 877 | 242920 | 9234 | 143 | 40 |
| Distributed Time Delay | 3 | | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 0 | 0 | 0 | 8 | 1 | 253200 |
| Distributed Time Delay | 5 | | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 30 | NaN | 1 | 11 | 0 | 0 | 0 | 253200 |
| Distributed Time Delay | 29 | | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0.99809 | 0.44706 | 304 | 250380 | 478 | 376 | 1675 |
| Distributed Time Delay | 3 | | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99996 | 0.39394 | 325 | 252140 | 11 | 500 | 233 |
| Distributed Time Delay | 5 | | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99907 | 0.51813 | 500 | 251770 | 235 | 465 | 241 |
| Distributed Time Delay | 29 | | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99997 | 0.53799 | 439 | 251620 | 7 | 377 | 766 |
| Distributed Time Delay | 3 | | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99943 | 0.30317 | 201 | 10562 | 6 | 462 | 241980 |
| Distributed Time Delay | 5 | | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99952 | 0.55623 | 549 | 252030 | 122 | 438 | 75 |
| Distributed Time Delay | 29 | | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.52055 | 1 | 180 | 38 | 35 | 0 | 252960 |
| Distributed Time Delay | 3 | | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99893 | 0.58614 | 592 | 251910 | 269 | 418 | 24 |
| Distributed Time Delay | 5 | | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99999 | 0.46778 | 363 | 252160 | 3 | 413 | 273 |
| Distributed Time Delay | 29 | | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99996 | 0.57051 | 534 | 252040 | 10 | 402 | 232 |
| Distributed Time Delay | 3 | | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0.99897 | 0.5451 | 556 | 251930 | 261 | 464 | 0 |
| Distributed Time Delay | 5 | | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0.99945 | 0.20588 | 210 | 252060 | 138 | 810 | 0 |
| Distributed Time Delay | 29 | | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0.72802 | 0.7527 | 767 | 183600 | 68589 | 252 | 7 |
| Distributed Time Delay | 3 | | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99614 | 0.63645 | 646 | 251210 | 974 | 369 | 18 |
| Distributed Time Delay | 5 | | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99551 | 0.6297 | 636 | 251010 | 1133 | 374 | 58 |
| Distributed Time Delay | 29 | | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99557 | 0.64653 | 642 | 250380 | 1115 | 351 | 730 |
| Distributed Time Delay | 3 | | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99824 | 0.72397 | 737 | 251700 | 444 | 281 | 48 |

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| | | | | | | | | | | | | | | |
|------------------------|----|----------|-----|-----------|---------|-----------|----|---------|---------|------|--------|--------|------|--------|
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99816 | 0.72647 | 741 | 251690 | 464 | 279 | 37 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99718 | 0.74238 | 755 | 251410 | 711 | 262 | 74 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99696 | 0.69087 | 704 | 251420 | 767 | 315 | 9 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99614 | 0.7419 | 756 | 251170 | 974 | 263 | 47 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99692 | 0.73294 | 741 | 251260 | 776 | 270 | 171 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1020 | 0 | 252190 | 0 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1020 | 0 | 252190 | 0 | 1 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1020 | 0 | 252190 | 0 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99335 | 0.68922 | 703 | 250510 | 1677 | 317 | 2 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99345 | 0.68235 | 696 | 250520 | 1652 | 324 | 20 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99314 | 0.68302 | 696 | 250450 | 1730 | 323 | 18 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.94188 | 0.86922 | 884 | 236540 | 14597 | 133 | 1063 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.9563 | 0.86275 | 880 | 241110 | 11018 | 140 | 64 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.97929 | 0.84283 | 858 | 246890 | 5222 | 160 | 80 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.96274 | 0.86176 | 879 | 242120 | 9371 | 141 | 697 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.94861 | 0.86654 | 883 | 239200 | 12958 | 136 | 41 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.94982 | 0.87328 | 889 | 238370 | 12594 | 129 | 1231 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1020 | 0 | 252190 | 0 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 1 | 0 | 0 | 252190 | 0 | 1020 | 1 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 1 | NaN | 0 | 1 | 0 | 0 | 253210 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99968 | 0.57171 | 582 | 252100 | 80 | 436 | 16 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99958 | 0.58457 | 591 | 252040 | 106 | 420 | 51 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99927 | 0.60555 | 611 | 251950 | 185 | 398 | 65 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0 | 1 | 1010 | 0 | 252180 | 0 | 19 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99995 | 0.43522 | 430 | 252170 | 12 | 558 | 44 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0 | 1 | 811 | 0 | 1130 | 0 | 251270 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0 | 1 | 1020 | 0 | 252190 | 0 | 7 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99938 | 0.62554 | 583 | 251860 | 155 | 349 | 266 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99982 | 0.5598 | 571 | 252140 | 45 | 449 | 5 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1020 | 0 | 252190 | 0 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 1 | 0 | 0 | 252190 | 0 | 1020 | 1 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1020 | 0 | 252190 | 0 | 1 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99288 | 0.6624 | 673 | 250280 | 1796 | 343 | 118 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99611 | 0.62832 | 639 | 251200 | 981 | 378 | 17 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99607 | 0.63556 | 647 | 251190 | 990 | 371 | 16 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99622 | 0.71807 | 731 | 251210 | 952 | 287 | 29 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99675 | 0.70392 | 718 | 251330 | 820 | 302 | 45 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99753 | 0.73111 | 745 | 251550 | 623 | 274 | 19 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99499 | 0.69676 | 710 | 250880 | 1264 | 309 | 52 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99792 | 0.71148 | 725 | 251620 | 525 | 294 | 51 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99674 | 0.71499 | 725 | 251330 | 823 | 289 | 46 |
| Radial Basis Network | 3 | - | - | 0.01 | - | 44202.mat | 50 | 0.87707 | 0.8789 | 1379 | 475900 | 66704 | 190 | 0 |
| Radial Basis Network | 5 | - | - | 0.01 | - | 44202.mat | 50 | 0.87156 | 0.87954 | 1380 | 472910 | 69691 | 189 | 0 |
| Radial Basis Network | 29 | - | - | 0.01 | - | 44202.mat | 50 | 0.8097 | 0.92352 | 1449 | 439350 | 103260 | 120 | 0 |
| FeedForward | 3 | traingd | mse | 1.00E-006 | - | 44202.mat | 50 | 0.76955 | 0.80242 | 1259 | 417190 | 124930 | 310 | 488 |
| FeedForward | 5 | traingd | mse | 1.00E-006 | - | 44202.mat | 50 | 0.73427 | 0.78458 | 1231 | 398380 | 144170 | 338 | 51 |
| FeedForward | 29 | traingd | mse | 1.00E-006 | - | 44202.mat | 50 | 0.85513 | 0.78736 | 1233 | 463680 | 78553 | 333 | 373 |
| FeedForward | 3 | trainrp | mse | 1.00E-006 | - | 44202.mat | 50 | 0.99216 | 0.48707 | 358 | 386040 | 3052 | 377 | 154350 |
| FeedForward | 5 | trainrp | mse | 1.00E-006 | - | 44202.mat | 50 | 0.99384 | 0.48638 | 625 | 535720 | 3320 | 660 | 3843 |
| FeedForward | 29 | trainrp | mse | 1.00E-006 | - | 44202.mat | 50 | 0.99076 | 0.62352 | 896 | 536490 | 5002 | 541 | 1239 |
| FeedForward | 3 | trainscg | mse | 1.00E-006 | - | 44202.mat | 50 | 0.96158 | 0.75462 | 1184 | 521710 | 20844 | 385 | 52 |
| FeedForward | 5 | trainscg | mse | 1.00E-006 | - | 44202.mat | 50 | 0.95471 | 0.74298 | 1165 | 517980 | 24570 | 403 | 56 |
| FeedForward | 29 | trainscg | mse | 1.00E-006 | - | 44202.mat | 50 | 0.94217 | 0.73529 | 1100 | 510080 | 31308 | 396 | 1286 |

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|-------------------------|----|----------|-----|-----------|---------|-----------|----|-------------|----------|------|--------|--------|------|-------|
| Layer Recurrent Network | 3 | traingd | mse | 1.00E-006 | - | 44202.mat | 50 | 0.82324 | 0.79795 | 1248 | 444620 | 95465 | 316 | 2519 |
| Layer Recurrent Network | 5 | traingd | mse | 1.00E-006 | - | 44202.mat | 50 | 0.72391 | 0.78266 | 1228 | 392180 | 149570 | 341 | 849 |
| Layer Recurrent Network | 29 | traingd | mse | 1.00E-006 | - | 44202.mat | 50 | 0.8603 | 0.75783 | 1186 | 466340 | 75725 | 379 | 544 |
| Layer Recurrent Network | 3 | trainrp | mse | 1.00E-006 | - | 44202.mat | 50 | 0.9968 | 0.46944 | 722 | 540610 | 1737 | 816 | 286 |
| Layer Recurrent Network | 5 | trainrp | mse | 1.00E-006 | - | 44202.mat | 50 | 0.98867 | 0.44917 | 433 | 513760 | 5889 | 531 | 23557 |
| Layer Recurrent Network | 29 | trainrp | mse | 1.00E-006 | - | 44202.mat | 50 | 0.99253 | 0.61208 | 912 | 536790 | 4042 | 578 | 1850 |
| Layer Recurrent Network | 3 | trainscg | mse | 1.00E-006 | - | 44202.mat | 50 | 0.91632 | 0.80115 | 1257 | 497170 | 45402 | 312 | 31 |
| Layer Recurrent Network | 5 | trainscg | mse | 1.00E-006 | - | 44202.mat | 50 | 0.95957 | 0.76148 | 1194 | 520600 | 21932 | 374 | 68 |
| Layer Recurrent Network | 29 | trainscg | mse | 1.00E-006 | - | 44202.mat | 50 | 0.94428 | 0.77991 | 1219 | 511770 | 30200 | 344 | 641 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.98478 | 0.3276 | 514 | 534340 | 8261 | 1055 | 4 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.99452 | 0.52934 | 830 | 539590 | 2975 | 738 | 41 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.98904 | 0.45252 | 710 | 536620 | 5949 | 859 | 29 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99024 | 0.63892 | 998 | 537050 | 5293 | 564 | 270 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99108 | 0.63771 | 991 | 536930 | 4833 | 563 | 849 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.98734 | 0.64199 | 1006 | 535640 | 6866 | 561 | 95 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.68754 | 0.80051 | 1256 | 372950 | 169490 | 313 | 157 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.76235 | 0.80115 | 1257 | 412160 | 128480 | 312 | 1962 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.86451 | 0.81749 | 1281 | 467990 | 73349 | 286 | 1261 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.71801 | 0.79911 | 1253 | 389070 | 152800 | 315 | 737 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.82793 | 0.82642 | 1295 | 447220 | 92944 | 272 | 2444 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.84607 | 0.81801 | 1281 | 457320 | 83200 | 285 | 2082 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.00007372 | 0.98406 | 1543 | 40 | 542560 | 25 | 6 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 1 | 0 | 0 | 542120 | 0 | 1255 | 799 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.99951 | 0.3283 | 457 | 541580 | 265 | 935 | 934 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99684 | 0.58604 | 865 | 535470 | 1699 | 611 | 5524 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99828 | 0.44417 | 533 | 539740 | 932 | 667 | 2301 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99496 | 0.54428 | 676 | 535690 | 2714 | 566 | 4523 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.0058596 | 0.81637 | 1147 | 3167 | 537310 | 258 | 2287 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.99824 | 0.25957 | 305 | 539390 | 953 | 870 | 2653 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.9915 | 0.54807 | 667 | 535960 | 4596 | 550 | 2393 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 50 | 3.6873E-006 | 1 | 1509 | 2 | 542400 | 0 | 261 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.99978 | 0.081006 | 58 | 526360 | 115 | 658 | 16976 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.98987 | 0.62575 | 943 | 535660 | 5480 | 564 | 1528 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.99953 | 0.021033 | 33 | 542350 | 255 | 1536 | 1 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.99949 | 0.08413 | 132 | 542320 | 277 | 1437 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.98925 | 0.52263 | 820 | 536750 | 5833 | 749 | 15 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.98867 | 0.63596 | 994 | 536020 | 6141 | 569 | 450 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.98796 | 0.64244 | 999 | 535620 | 6527 | 556 | 468 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99056 | 0.63931 | 927 | 534730 | 5098 | 523 | 2891 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.95216 | 0.76835 | 1204 | 516130 | 25930 | 363 | 543 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.94663 | 0.78594 | 1230 | 512520 | 28896 | 335 | 1185 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.93795 | 0.7886 | 1231 | 507210 | 33552 | 330 | 1844 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.94665 | 0.77856 | 1220 | 513440 | 28936 | 347 | 231 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.9512 | 0.7743 | 1211 | 514810 | 26414 | 353 | 1378 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.93537 | 0.7918 | 1236 | 506120 | 34973 | 325 | 1521 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 1 | 0 | 0 | 542600 | 0 | 1569 | 1 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0 | 1 | 1569 | 0 | 542600 | 0 | 1 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 9.2149E-006 | 0.99936 | 1568 | 5 | 542600 | 1 | 1 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.98843 | 0.6388 | 1001 | 536270 | 6277 | 566 | 52 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.98588 | 0.64615 | 1008 | 534530 | 7654 | 552 | 422 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.9847 | 0.64634 | 1007 | 533820 | 8293 | 551 | 499 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.76613 | 0.83673 | 1312 | 415500 | 126830 | 256 | 273 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.69151 | 0.80433 | 1262 | 375060 | 167320 | 307 | 224 |

Single Classification

| | | | | | | | | | | | | | | |
|-------------------------|----|----------|-----|-----------|---------|-----------|----|-------------|------------|------|--------|--------|------|--------|
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.84887 | 0.81022 | 1268 | 458760 | 81678 | 297 | 2168 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.70143 | 0.82526 | 1294 | 380460 | 161940 | 274 | 199 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.80199 | 0.81314 | 1275 | 434360 | 107240 | 293 | 1000 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.85393 | 0.81302 | 1274 | 461090 | 78873 | 293 | 2644 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0 | 1 | 1568 | 0 | 542600 | 0 | 7 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0 | 1 | 1 | 0 | 6 | 0 | 544160 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.99999 | 0.00063735 | 1 | 542590 | 7 | 1568 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99513 | 0.60335 | 937 | 539480 | 2642 | 616 | 499 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99428 | 0.61282 | 956 | 539060 | 3102 | 604 | 447 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99162 | 0.63542 | 983 | 537070 | 4538 | 564 | 1011 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.99501 | 0.74261 | 955 | 517010 | 2593 | 331 | 23278 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.99709 | 0.75064 | 876 | 495980 | 1446 | 291 | 45577 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0 | 1 | 1066 | 0 | 6797 | 0 | 536310 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.99517 | 0.62017 | 947 | 538900 | 2615 | 580 | 1127 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.99953 | 0.5867 | 538 | 523360 | 244 | 379 | 19648 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.99659 | 0.58854 | 914 | 540150 | 1849 | 639 | 617 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.000012901 | 0.99936 | 1568 | 7 | 542590 | 1 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 1 | 0 | 0 | 542600 | 0 | 1569 | 2 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 1 | 0 | 0 | 6 | 0 | 1 | 544160 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.98584 | 0.65237 | 1019 | 534700 | 7681 | 543 | 231 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.98665 | 0.64875 | 1014 | 534900 | 7237 | 549 | 469 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.98547 | 0.64387 | 998 | 534280 | 7880 | 552 | 465 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.93853 | 0.78799 | 1234 | 508840 | 33328 | 332 | 436 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.9562 | 0.77046 | 1205 | 517920 | 23722 | 359 | 963 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.94379 | 0.78526 | 1225 | 511070 | 30440 | 335 | 1103 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.96559 | 0.74646 | 1160 | 522440 | 18620 | 394 | 1556 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.96361 | 0.75622 | 1185 | 522290 | 19723 | 382 | 591 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.93715 | 0.79145 | 1241 | 507730 | 34050 | 327 | 818 |
| Radial Basis Network | 3 | - | - | 0.01 | - | 44202.mat | 70 | 0.87692 | 0.86339 | 1776 | 502580 | 70539 | 281 | 0 |
| Radial Basis Network | 5 | - | - | 0.01 | - | 44202.mat | 70 | 0.87107 | 0.86339 | 1776 | 499230 | 73893 | 281 | 0 |
| Radial Basis Network | 29 | - | - | 0.01 | - | 44202.mat | 70 | 0.81372 | 0.91492 | 1882 | 466360 | 106760 | 175 | 0 |
| FeedForward | 3 | traingd | mse | 1.00E-006 | - | 44202.mat | 70 | 0.77137 | 0.81274 | 1671 | 441680 | 130920 | 385 | 524 |
| FeedForward | 5 | traingd | mse | 1.00E-006 | - | 44202.mat | 70 | 0.73627 | 0.80165 | 1649 | 421930 | 151140 | 408 | 52 |
| FeedForward | 29 | traingd | mse | 1.00E-006 | - | 44202.mat | 70 | 0.85608 | 0.79698 | 1637 | 490310 | 82425 | 417 | 393 |
| FeedForward | 3 | trainrp | mse | 1.00E-006 | - | 44202.mat | 70 | 0.99224 | 0.51266 | 506 | 406520 | 3178 | 481 | 164490 |
| FeedForward | 5 | trainrp | mse | 1.00E-006 | - | 44202.mat | 70 | 0.99392 | 0.49385 | 843 | 565990 | 3461 | 864 | 4025 |
| FeedForward | 29 | trainrp | mse | 1.00E-006 | - | 44202.mat | 70 | 0.99093 | 0.62716 | 1196 | 566790 | 5190 | 711 | 1291 |
| FeedForward | 3 | trainscg | mse | 1.00E-006 | - | 44202.mat | 70 | 0.96169 | 0.7545 | 1552 | 551110 | 21956 | 505 | 55 |
| FeedForward | 5 | trainscg | mse | 1.00E-006 | - | 44202.mat | 70 | 0.9547 | 0.74805 | 1538 | 547100 | 25959 | 518 | 63 |
| FeedForward | 29 | trainscg | mse | 1.00E-006 | - | 44202.mat | 70 | 0.94225 | 0.74811 | 1482 | 538830 | 33025 | 499 | 1344 |
| Layer Recurrent Network | 3 | traingd | mse | 1.00E-006 | - | 44202.mat | 70 | 0.82412 | 0.80839 | 1658 | 470090 | 100320 | 393 | 2713 |
| Layer Recurrent Network | 5 | traingd | mse | 1.00E-006 | - | 44202.mat | 70 | 0.72568 | 0.80117 | 1648 | 415260 | 156970 | 409 | 895 |
| Layer Recurrent Network | 29 | traingd | mse | 1.00E-006 | - | 44202.mat | 70 | 0.86094 | 0.7735 | 1588 | 492930 | 79615 | 465 | 583 |
| Layer Recurrent Network | 3 | trainrp | mse | 1.00E-006 | - | 44202.mat | 70 | 0.99683 | 0.45982 | 927 | 571040 | 1816 | 1089 | 304 |
| Layer Recurrent Network | 5 | trainrp | mse | 1.00E-006 | - | 44202.mat | 70 | 0.98879 | 0.46646 | 605 | 542410 | 6150 | 692 | 25323 |
| Layer Recurrent Network | 29 | trainrp | mse | 1.00E-006 | - | 44202.mat | 70 | 0.99262 | 0.61264 | 1202 | 567080 | 4218 | 760 | 1920 |
| Layer Recurrent Network | 3 | trainscg | mse | 1.00E-006 | - | 44202.mat | 70 | 0.91619 | 0.80117 | 1648 | 525060 | 48029 | 409 | 33 |
| Layer Recurrent Network | 5 | trainscg | mse | 1.00E-006 | - | 44202.mat | 70 | 0.95971 | 0.76216 | 1567 | 549960 | 23088 | 489 | 74 |
| Layer Recurrent Network | 29 | trainscg | mse | 1.00E-006 | - | 44202.mat | 70 | 0.94429 | 0.78146 | 1602 | 540550 | 31888 | 448 | 690 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.98427 | 0.31356 | 645 | 564100 | 9015 | 1412 | 6 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.99453 | 0.53064 | 1091 | 569940 | 3137 | 965 | 44 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.98914 | 0.45892 | 944 | 566870 | 6222 | 1113 | 32 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99041 | 0.64063 | 1312 | 567350 | 5496 | 736 | 281 |

Single Classification

| | | | | | | | | | | | | | | |
|------------------------|----|----------|-----|-----------|---------|-----------|----|-------------|------------|------|--------|--------|------|--------|
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99124 | 0.64029 | 1303 | 567250 | 5015 | 732 | 881 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.98754 | 0.64296 | 1320 | 565880 | 7142 | 733 | 99 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.68914 | 0.81818 | 1683 | 394850 | 178110 | 374 | 160 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.76389 | 0.81274 | 1671 | 436210 | 134830 | 385 | 2082 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.86519 | 0.81938 | 1683 | 494720 | 77084 | 371 | 1318 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.72026 | 0.8142 | 1674 | 412240 | 160110 | 382 | 770 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.82846 | 0.82871 | 1703 | 472690 | 97873 | 352 | 2564 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.84688 | 0.82132 | 1687 | 483530 | 87427 | 367 | 2172 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.000078518 | 0.98784 | 2031 | 45 | 573070 | 25 | 8 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 1 | 0 | 0 | 572610 | 0 | 1663 | 902 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.9995 | 0.31318 | 575 | 572050 | 284 | 1261 | 1011 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99686 | 0.58717 | 1135 | 565500 | 1780 | 798 | 5967 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99827 | 0.44144 | 701 | 570140 | 989 | 887 | 2464 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99502 | 0.53479 | 884 | 565930 | 2832 | 769 | 4766 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.0057697 | 0.80196 | 1470 | 3294 | 567620 | 363 | 2433 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.99825 | 0.29693 | 465 | 569750 | 997 | 1101 | 2865 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.99164 | 0.5628 | 941 | 566230 | 4772 | 731 | 2504 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 70 | 3.4909E-006 | 1 | 1991 | 2 | 572920 | 0 | 268 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.99979 | 0.097895 | 93 | 555900 | 116 | 857 | 18213 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.99 | 0.62582 | 1241 | 565880 | 5714 | 742 | 1606 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.99954 | 0.019932 | 41 | 572860 | 262 | 2016 | 2 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.99948 | 0.082645 | 170 | 572820 | 299 | 1887 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.98838 | 0.5124 | 1054 | 566450 | 6657 | 1003 | 15 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.98884 | 0.63912 | 1307 | 566270 | 6390 | 738 | 477 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.98815 | 0.64587 | 1315 | 565860 | 6785 | 721 | 499 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99071 | 0.6408 | 1222 | 564920 | 5296 | 685 | 3056 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.95223 | 0.76934 | 1581 | 545190 | 27353 | 474 | 585 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.94671 | 0.78606 | 1613 | 541370 | 30475 | 439 | 1283 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.93794 | 0.78965 | 1618 | 535720 | 35444 | 431 | 1970 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.94668 | 0.78151 | 1606 | 542330 | 30545 | 449 | 252 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.95127 | 0.77561 | 1590 | 543810 | 27858 | 460 | 1456 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.93537 | 0.79277 | 1622 | 534590 | 36940 | 424 | 1606 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 1 | 0 | 0 | 573120 | 0 | 2057 | 1 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0 | 1 | 2057 | 0 | 573120 | 0 | 1 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.000015704 | 0.99951 | 2056 | 9 | 573110 | 1 | 1 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.98862 | 0.64167 | 1318 | 566550 | 6519 | 736 | 57 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.98604 | 0.65005 | 1330 | 564680 | 7993 | 716 | 458 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.98484 | 0.64922 | 1327 | 563920 | 8681 | 717 | 533 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.76647 | 0.83998 | 1727 | 439050 | 133770 | 329 | 308 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.69305 | 0.81964 | 1686 | 397040 | 175850 | 371 | 235 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.84965 | 0.81393 | 1671 | 485030 | 85830 | 382 | 2270 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.70411 | 0.83414 | 1715 | 403390 | 169520 | 341 | 212 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.80339 | 0.82004 | 1686 | 459600 | 112480 | 370 | 1045 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.85469 | 0.81655 | 1678 | 487460 | 82874 | 377 | 2793 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0 | 1 | 2056 | 0 | 573110 | 0 | 11 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0 | 1 | 1 | 0 | 10 | 0 | 575170 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.99998 | 0.00048614 | 1 | 573110 | 11 | 2056 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99518 | 0.60039 | 1223 | 569860 | 2761 | 814 | 518 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99435 | 0.61117 | 1248 | 569440 | 3236 | 794 | 464 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99174 | 0.63717 | 1289 | 567380 | 4725 | 734 | 1048 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.99506 | 0.73843 | 1245 | 546220 | 2713 | 441 | 24561 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.99709 | 0.7474 | 1148 | 523730 | 1527 | 388 | 48383 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0 | 1 | 1394 | 0 | 7052 | 0 | 566730 |

Single Classification

| | | | | | | | | | | | | | | |
|-------------------------|----|----------|-----|-----------|---------|-----------|----|-------------|---------|------|--------|--------|------|--------|
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.99522 | 0.61993 | 1238 | 569270 | 2734 | 759 | 1176 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.99951 | 0.5834 | 703 | 552950 | 270 | 502 | 20751 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.9966 | 0.58673 | 1194 | 570560 | 1948 | 841 | 638 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.000019193 | 0.99951 | 2056 | 11 | 573110 | 1 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 1 | 0 | 0 | 573120 | 0 | 2057 | 2 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 1 | 0 | 0 | 10 | 0 | 1 | 575170 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.986 | 0.6561 | 1345 | 564860 | 8023 | 705 | 242 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.98683 | 0.65334 | 1340 | 565080 | 7542 | 711 | 503 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.98556 | 0.64764 | 1316 | 564370 | 8269 | 716 | 509 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.93848 | 0.78958 | 1621 | 537430 | 35229 | 432 | 465 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.95635 | 0.77122 | 1581 | 547140 | 24975 | 469 | 1017 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.94385 | 0.78554 | 1608 | 539850 | 32117 | 439 | 1169 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.96575 | 0.74841 | 1526 | 551920 | 19574 | 513 | 1649 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.96373 | 0.7562 | 1554 | 551750 | 20762 | 501 | 616 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.93706 | 0.79319 | 1630 | 536230 | 36017 | 425 | 876 |
| Radial Basis Network | 3 | - | - | 0.01 | - | 63502.mat | 30 | 0.93157 | 0.67449 | 1092 | 153600 | 11283 | 527 | 0 |
| Radial Basis Network | 5 | - | - | 0.01 | - | 63502.mat | 30 | 0.91729 | 0.71587 | 1159 | 151250 | 13637 | 460 | 0 |
| Radial Basis Network | 29 | - | - | 0.01 | - | 63502.mat | 30 | 0.80161 | 0.75479 | 1222 | 132170 | 32712 | 397 | 0 |
| FeedForward | 3 | traingd | mse | 1.00E-006 | - | 63502.mat | 30 | 0.80417 | 0.6972 | 1119 | 131220 | 31955 | 486 | 1725 |
| FeedForward | 5 | traingd | mse | 1.00E-006 | - | 63502.mat | 30 | 0.94104 | 0.66395 | 1059 | 153040 | 9589 | 536 | 2281 |
| FeedForward | 29 | traingd | mse | 1.00E-006 | - | 63502.mat | 30 | 0.94187 | 0.66646 | 1067 | 154860 | 9558 | 534 | 484 |
| FeedForward | 3 | trainrp | mse | 1.00E-006 | - | 63502.mat | 30 | 0.98319 | 0.46497 | 657 | 149920 | 2563 | 756 | 12614 |
| FeedForward | 5 | trainrp | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99308 | 0.49921 | 632 | 153180 | 1067 | 634 | 10991 |
| FeedForward | 29 | trainrp | mse | 1.00E-006 | - | 63502.mat | 30 | 0.98731 | 0.52303 | 704 | 159750 | 2053 | 642 | 3361 |
| FeedForward | 3 | trainscg | mse | 1.00E-006 | - | 63502.mat | 30 | 0.97216 | 0.62555 | 1004 | 159030 | 4555 | 601 | 1313 |
| FeedForward | 5 | trainscg | mse | 1.00E-006 | - | 63502.mat | 30 | 0.97932 | 0.60079 | 915 | 161370 | 3408 | 608 | 206 |
| FeedForward | 29 | trainscg | mse | 1.00E-006 | - | 63502.mat | 30 | 0.96968 | 0.57485 | 887 | 158090 | 4943 | 656 | 1926 |
| Layer Recurrent Network | 3 | traingd | mse | 1.00E-006 | - | 63502.mat | 30 | 0.96553 | 0.6518 | 1052 | 159050 | 5678 | 562 | 160 |
| Layer Recurrent Network | 5 | traingd | mse | 1.00E-006 | - | 63502.mat | 30 | 0.97964 | 0.61955 | 995 | 161080 | 3348 | 611 | 468 |
| Layer Recurrent Network | 29 | traingd | mse | 1.00E-006 | - | 63502.mat | 30 | 0.97553 | 0.5701 | 858 | 160020 | 4013 | 647 | 972 |
| Layer Recurrent Network | 3 | trainrp | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99977 | 0.016 | 6 | 39266 | 9 | 369 | 126860 |
| Layer Recurrent Network | 5 | trainrp | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99341 | 0.37527 | 343 | 153830 | 1020 | 571 | 10745 |
| Layer Recurrent Network | 29 | trainrp | mse | 1.00E-006 | - | 63502.mat | 30 | 0.98549 | 0.55663 | 860 | 159780 | 2352 | 685 | 2826 |
| Layer Recurrent Network | 3 | trainscg | mse | 1.00E-006 | - | 63502.mat | 30 | 0.9761 | 0.57947 | 937 | 160930 | 3941 | 680 | 13 |
| Layer Recurrent Network | 5 | trainscg | mse | 1.00E-006 | - | 63502.mat | 30 | 0.9825 | 0.60842 | 968 | 161420 | 2875 | 623 | 615 |
| Layer Recurrent Network | 29 | trainscg | mse | 1.00E-006 | - | 63502.mat | 30 | 0.97164 | 0.56075 | 863 | 159400 | 4652 | 676 | 918 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0 | 1 | 1567 | 0 | 164860 | 0 | 81 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.97006 | 0.50309 | 814 | 159910 | 4935 | 804 | 39 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.94932 | 0.41313 | 623 | 155590 | 8307 | 885 | 1101 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.94497 | 0.58936 | 953 | 155760 | 9070 | 664 | 59 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.95054 | 0.59071 | 954 | 156560 | 8147 | 661 | 186 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.97701 | 0.59975 | 950 | 158880 | 3738 | 634 | 2299 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.77261 | 0.74442 | 1200 | 125910 | 37058 | 412 | 1922 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.89539 | 0.66522 | 1075 | 147590 | 17244 | 541 | 55 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.89905 | 0.71375 | 1137 | 146490 | 16449 | 456 | 1970 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.95112 | 0.66893 | 1083 | 156730 | 8055 | 536 | 103 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.94897 | 0.67846 | 1093 | 156220 | 8400 | 518 | 271 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.91309 | 0.69164 | 1108 | 149690 | 14248 | 494 | 969 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 30 | NaN | NaN | 0 | 0 | 0 | 0 | 166510 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.99987 | 0 | 0 | 164290 | 22 | 1578 | 613 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.6279 | 0.33488 | 72 | 1274 | 755 | 143 | 164260 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.9922 | 0.48952 | 607 | 160320 | 1260 | 633 | 3687 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.94569 | 0.55611 | 778 | 144920 | 8322 | 621 | 11867 |

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| | | | | | | | | | | | | | | |
|------------------------|----|----------|-----|-----------|---------|-----------|----|------------|-----------|------|--------|--------|------|--------|
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.98661 | 0.5665 | 805 | 156010 | 2118 | 616 | 6954 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.9927 | 0.47794 | 650 | 160340 | 1179 | 710 | 3623 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 30 | 1 | 0 | 0 | 1911 | 0 | 300 | 164290 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.94299 | 0.56899 | 866 | 153790 | 9297 | 656 | 1898 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.97903 | 0.56207 | 892 | 159540 | 3417 | 695 | 1965 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.97333 | 0.58333 | 910 | 159590 | 4373 | 650 | 985 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.98389 | 0.54564 | 801 | 158220 | 2590 | 667 | 4227 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0 | 1 | 1 | 0 | 460 | 0 | 166040 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.0024444 | 0.9697 | 1568 | 403 | 164470 | 49 | 19 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.91408 | 0.53846 | 721 | 149380 | 14040 | 618 | 1751 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.97315 | 0.57196 | 926 | 160420 | 4427 | 693 | 36 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.98058 | 0.59379 | 937 | 158900 | 3147 | 641 | 2885 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.98459 | 0.57123 | 838 | 157520 | 2465 | 629 | 5054 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.97712 | 0.62485 | 1011 | 161110 | 3772 | 607 | 4 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.97608 | 0.50155 | 807 | 160840 | 3941 | 802 | 111 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.97651 | 0.53475 | 754 | 159320 | 3833 | 656 | 1939 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.97652 | 0.61248 | 991 | 161000 | 3872 | 627 | 12 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.98059 | 0.59478 | 957 | 161550 | 3198 | 652 | 151 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.95833 | 0.6363 | 943 | 156610 | 6809 | 539 | 1602 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.0024994 | 0.99876 | 1612 | 412 | 164430 | 2 | 52 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 1 | 0 | 0 | 31 | 0 | 3 | 166470 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.97585 | 0.6 | 3 | 202 | 5 | 2 | 166290 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.97021 | 0.57882 | 929 | 159330 | 4893 | 676 | 674 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.98134 | 0.58505 | 939 | 161430 | 3070 | 666 | 399 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.96919 | 0.59513 | 954 | 158180 | 5029 | 649 | 1697 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.95962 | 0.6714 | 1087 | 158210 | 6657 | 532 | 22 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.96376 | 0.65139 | 1052 | 158610 | 5964 | 563 | 316 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.92785 | 0.64988 | 1045 | 152390 | 11850 | 563 | 653 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.7601 | 0.70545 | 1140 | 124780 | 39384 | 476 | 722 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.83522 | 0.68128 | 1088 | 137290 | 27086 | 509 | 533 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.95542 | 0.62108 | 990 | 156780 | 7316 | 604 | 813 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 1 | 0 | 0 | 76 | 0 | 5 | 166420 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.99916 | 0.0018587 | 3 | 164470 | 138 | 1611 | 288 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.00049769 | 0.99627 | 1603 | 82 | 164680 | 6 | 135 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.96856 | 0.58524 | 944 | 158790 | 5155 | 669 | 950 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.97349 | 0.57391 | 924 | 159630 | 4347 | 686 | 921 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.96914 | 0.58089 | 930 | 158770 | 5056 | 671 | 1083 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.99977 | 0 | 0 | 164360 | 37 | 1525 | 581 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0 | 1 | 1619 | 0 | 164890 | 0 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0 | 1 | 1119 | 0 | 15230 | 0 | 150160 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.0022352 | 0.99241 | 1568 | 368 | 164270 | 12 | 289 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0 | 1 | 1616 | 0 | 164850 | 0 | 35 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.038406 | 0.99907 | 1074 | 506 | 12669 | 1 | 152260 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 1 | 0 | 0 | 383 | 0 | 1 | 166120 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0 | 1 | 5 | 0 | 400 | 0 | 166100 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.43529 | 0.125 | 1 | 37 | 48 | 7 | 166410 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.96126 | 0.61524 | 993 | 158030 | 6369 | 621 | 493 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.97644 | 0.58048 | 934 | 160580 | 3875 | 675 | 441 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.97503 | 0.59045 | 940 | 159360 | 4082 | 652 | 1469 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.97858 | 0.43562 | 680 | 160120 | 3505 | 881 | 1315 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.97997 | 0.58142 | 939 | 161430 | 3299 | 676 | 161 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.98199 | 0.59252 | 951 | 161510 | 2962 | 654 | 424 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.9756 | 0.62075 | 1005 | 160860 | 4023 | 614 | 8 |

Single Classification

| | | | | | | | | | | | | | | |
|-------------------------|----|----------|-----|-----------|---------|-----------|----|-------------|----------|------|--------|--------|------|--------|
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.96958 | 0.61053 | 986 | 159590 | 5007 | 629 | 290 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.97646 | 0.56591 | 893 | 159890 | 3855 | 685 | 1184 |
| Radial Basis Network | 3 | - | - | 0.01 | - | 63502.mat | 50 | 0.91551 | 0.67216 | 734 | 104010 | 9599 | 358 | 0 |
| Radial Basis Network | 5 | - | - | 0.01 | - | 63502.mat | 50 | 0.91547 | 0.67216 | 734 | 104010 | 9604 | 358 | 0 |
| Radial Basis Network | 29 | - | - | 0.01 | - | 63502.mat | 50 | 0.90873 | 0.71154 | 777 | 103240 | 10369 | 315 | 0 |
| FeedForward | 3 | traingd | mse | 1.00E-006 | - | 63502.mat | 50 | 0.91189 | 0.70879 | 774 | 103220 | 9974 | 318 | 416 |
| FeedForward | 5 | traingd | mse | 1.00E-006 | - | 63502.mat | 50 | 0.9121 | 0.67919 | 741 | 103450 | 9970 | 350 | 190 |
| FeedForward | 29 | traingd | mse | 1.00E-006 | - | 63502.mat | 50 | 0.94468 | 0.65074 | 708 | 106880 | 6259 | 380 | 476 |
| FeedForward | 3 | trainrp | mse | 1.00E-006 | - | 63502.mat | 50 | 0.94243 | 0.10502 | 113 | 105400 | 6438 | 963 | 1791 |
| FeedForward | 5 | trainrp | mse | 1.00E-006 | - | 63502.mat | 50 | 0.17536 | 0.96976 | 481 | 447 | 2102 | 15 | 111660 |
| FeedForward | 29 | trainrp | mse | 1.00E-006 | - | 63502.mat | 50 | 0.97123 | 0.47411 | 467 | 106290 | 3148 | 518 | 4283 |
| FeedForward | 3 | trainscg | mse | 1.00E-006 | - | 63502.mat | 50 | 0.95578 | 0.59303 | 647 | 108560 | 5023 | 444 | 29 |
| FeedForward | 5 | trainscg | mse | 1.00E-006 | - | 63502.mat | 50 | 0.96136 | 0.62546 | 683 | 109210 | 4389 | 409 | 13 |
| FeedForward | 29 | trainscg | mse | 1.00E-006 | - | 63502.mat | 50 | 0.95968 | 0.57618 | 624 | 108230 | 4547 | 459 | 844 |
| Layer Recurrent Network | 3 | traingd | mse | 1.00E-006 | - | 63502.mat | 50 | 0.9122 | 0.69231 | 756 | 103640 | 9975 | 336 | 0 |
| Layer Recurrent Network | 5 | traingd | mse | 1.00E-006 | - | 63502.mat | 50 | 0.91525 | 0.69203 | 755 | 103540 | 9588 | 336 | 484 |
| Layer Recurrent Network | 29 | traingd | mse | 1.00E-006 | - | 63502.mat | 50 | 0.92691 | 0.65533 | 713 | 105090 | 8287 | 375 | 235 |
| Layer Recurrent Network | 3 | trainrp | mse | 1.00E-006 | - | 63502.mat | 50 | 0.99727 | 0.12133 | 91 | 110560 | 303 | 659 | 3092 |
| Layer Recurrent Network | 5 | trainrp | mse | 1.00E-006 | - | 63502.mat | 50 | 0.97452 | 0.485 | 485 | 108020 | 2824 | 515 | 2862 |
| Layer Recurrent Network | 29 | trainrp | mse | 1.00E-006 | - | 63502.mat | 50 | 0.96848 | 0.49755 | 508 | 107430 | 3496 | 513 | 2761 |
| Layer Recurrent Network | 3 | trainscg | mse | 1.00E-006 | - | 63502.mat | 50 | 0.96415 | 0.57509 | 628 | 109480 | 4071 | 464 | 66 |
| Layer Recurrent Network | 5 | trainscg | mse | 1.00E-006 | - | 63502.mat | 50 | 0.94226 | 0.59945 | 654 | 106920 | 6552 | 437 | 138 |
| Layer Recurrent Network | 29 | trainscg | mse | 1.00E-006 | - | 63502.mat | 50 | 0.95236 | 0.61892 | 674 | 107860 | 5396 | 415 | 357 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.000052907 | 1 | 1091 | 6 | 113400 | 0 | 207 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.00033482 | 1 | 1091 | 38 | 113460 | 0 | 119 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.97479 | 0.37248 | 406 | 110410 | 2855 | 684 | 352 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.96888 | 0.54679 | 596 | 109990 | 3533 | 494 | 89 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.97142 | 0.54002 | 587 | 110230 | 3243 | 500 | 147 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.97055 | 0.54529 | 590 | 109850 | 3333 | 492 | 443 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.88578 | 0.70394 | 768 | 100530 | 12963 | 323 | 117 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.91272 | 0.70404 | 766 | 103490 | 9896 | 322 | 235 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.91832 | 0.69294 | 756 | 104120 | 9260 | 335 | 237 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.88408 | 0.70009 | 761 | 100010 | 13114 | 326 | 491 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.92546 | 0.68378 | 746 | 104940 | 8452 | 345 | 224 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.9413 | 0.66636 | 727 | 106230 | 6625 | 364 | 754 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.98672 | 0.022326 | 24 | 112030 | 1508 | 1051 | 87 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0 | 1 | 2 | 0 | 438 | 0 | 114260 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.96212 | 0.013889 | 1 | 1473 | 58 | 71 | 113100 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.97555 | 0.51141 | 538 | 109560 | 2746 | 514 | 1345 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.98574 | 0.4365 | 409 | 107380 | 1553 | 528 | 4835 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.97176 | 0.49564 | 455 | 106820 | 3104 | 463 | 3863 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0 | 1 | 604 | 0 | 5592 | 0 | 108510 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.030769 | 0.9883 | 338 | 146 | 4599 | 4 | 109620 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.96858 | 0.38634 | 379 | 108010 | 3504 | 602 | 2207 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.2334 | 0.21212 | 7 | 246 | 808 | 26 | 113620 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.99182 | 0.3087 | 213 | 105130 | 867 | 477 | 8022 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.97028 | 0.5571 | 600 | 108680 | 3329 | 477 | 1623 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.68085 | NaN | 0 | 32 | 15 | 0 | 114660 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.97057 | 0.22802 | 249 | 110270 | 3344 | 843 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.96635 | 0.28253 | 304 | 109400 | 3809 | 772 | 417 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.97721 | 0.54657 | 581 | 109690 | 2558 | 482 | 1389 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.97331 | 0.55079 | 591 | 109530 | 3003 | 482 | 1103 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.97693 | 0.54468 | 579 | 109760 | 2592 | 484 | 1290 |

Single Classification

| | | | | | | | | | | | | | | |
|------------------------|----|----------|-----|-----------|---------|-----------|----|------------|------------|------|--------|--------|------|--------|
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.93491 | 0.60714 | 663 | 105680 | 7358 | 429 | 571 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.94853 | 0.60165 | 657 | 107610 | 5840 | 435 | 158 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.95689 | 0.60148 | 652 | 108350 | 4881 | 432 | 394 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.93331 | 0.60897 | 665 | 106030 | 7577 | 427 | 5 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.94411 | 0.59615 | 651 | 107130 | 6342 | 441 | 142 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.95369 | 0.60294 | 656 | 107630 | 5226 | 432 | 763 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 1 | 0 | 0 | 113600 | 0 | 1092 | 16 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.00041421 | 1 | 1091 | 47 | 113420 | 0 | 145 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.0003438 | 1 | 1091 | 39 | 113400 | 0 | 176 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.96142 | 0.54212 | 592 | 109210 | 4382 | 500 | 16 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.96427 | 0.54178 | 577 | 109200 | 4047 | 488 | 388 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.96917 | 0.55607 | 605 | 109950 | 3497 | 483 | 172 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.88688 | 0.70669 | 771 | 100690 | 12843 | 320 | 77 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.90063 | 0.71009 | 774 | 102180 | 11274 | 316 | 164 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.9223 | 0.68969 | 749 | 104500 | 8804 | 337 | 310 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.87958 | 0.71402 | 779 | 99647 | 13642 | 312 | 324 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.90287 | 0.6978 | 762 | 102320 | 11007 | 330 | 286 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.90792 | 0.68836 | 751 | 102780 | 10424 | 340 | 409 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.99854 | 0.00091575 | 1 | 113430 | 166 | 1091 | 17 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.78947 | NaN | 0 | 15 | 4 | 0 | 114690 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0 | 1 | 1091 | 0 | 113430 | 0 | 180 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.98954 | 0.33052 | 274 | 109610 | 1159 | 555 | 3106 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.96623 | 0.51386 | 556 | 109620 | 3831 | 526 | 168 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.96851 | 0.53704 | 580 | 109350 | 3555 | 500 | 723 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0 | 1 | 764 | 0 | 109990 | 0 | 3946 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.99988 | 0 | 0 | 111000 | 13 | 865 | 2824 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.0728 | 0.99845 | 646 | 527 | 6712 | 1 | 106820 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.98332 | 0.12762 | 134 | 111480 | 1891 | 916 | 280 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.99981 | 0 | 0 | 113430 | 22 | 1089 | 168 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.97163 | 0.32768 | 348 | 110020 | 3212 | 714 | 415 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.99828 | 0.00091575 | 1 | 113420 | 195 | 1091 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 1 | 0 | 0 | 175 | 0 | 1 | 114530 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.99864 | 0.00091575 | 1 | 113420 | 155 | 1091 | 38 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.9719 | 0.55147 | 600 | 109870 | 3177 | 488 | 568 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.9758 | 0.55198 | 600 | 110770 | 2747 | 487 | 100 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.97129 | 0.54729 | 596 | 110200 | 3258 | 493 | 155 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.92997 | 0.6055 | 660 | 105620 | 7954 | 430 | 39 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.96507 | 0.5864 | 638 | 109500 | 3963 | 450 | 151 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.93422 | 0.62018 | 676 | 105940 | 7460 | 414 | 214 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.95318 | 0.58791 | 642 | 108240 | 5317 | 450 | 53 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.96505 | 0.44092 | 459 | 108410 | 3926 | 582 | 1323 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.93197 | 0.61397 | 668 | 105630 | 7710 | 420 | 280 |
| Radial Basis Network | 3 | - | - | 0.01 | - | 63502.mat | 70 | 0.87158 | 0.56122 | 440 | 38314 | 5645 | 344 | 0 |
| Radial Basis Network | 5 | - | - | 0.01 | - | 63502.mat | 70 | 0.86101 | 0.61735 | 484 | 37849 | 6110 | 300 | 0 |
| Radial Basis Network | 29 | - | - | 0.01 | - | 63502.mat | 70 | 0.86767 | 0.64286 | 504 | 38142 | 5817 | 280 | 0 |
| FeedForward | 3 | traingd | mse | 1.00E-006 | - | 63502.mat | 70 | 0.9007 | 0.53009 | 414 | 39447 | 4349 | 367 | 166 |
| FeedForward | 5 | traingd | mse | 1.00E-006 | - | 63502.mat | 70 | 0.91453 | 0.56122 | 440 | 40188 | 3756 | 344 | 15 |
| FeedForward | 29 | traingd | mse | 1.00E-006 | - | 63502.mat | 70 | 0.92257 | 0.53521 | 418 | 40378 | 3389 | 363 | 195 |
| FeedForward | 3 | trainrp | mse | 1.00E-006 | - | 63502.mat | 70 | 0.98856 | 0.28142 | 206 | 42939 | 497 | 526 | 575 |
| FeedForward | 5 | trainrp | mse | 1.00E-006 | - | 63502.mat | 70 | 0.97941 | 0.12955 | 96 | 41999 | 883 | 645 | 1120 |
| FeedForward | 29 | trainrp | mse | 1.00E-006 | - | 63502.mat | 70 | 0.97781 | 0.22674 | 156 | 41825 | 949 | 532 | 1281 |
| FeedForward | 3 | trainscg | mse | 1.00E-006 | - | 63502.mat | 70 | 0.94807 | 0.41964 | 329 | 41665 | 2282 | 455 | 12 |
| FeedForward | 5 | trainscg | mse | 1.00E-006 | - | 63502.mat | 70 | 0.96388 | 0.44015 | 342 | 42107 | 1578 | 435 | 281 |

Single Classification

| | | | | | | | | | | | | | | |
|-------------------------|----|----------|-----|-----------|---------|-----------|----|-------------|-----------|-----|-------|-------|-----|-------|
| FeedForward | 29 | trainscg | mse | 1.00E-006 | - | 63502.mat | 70 | 0.94626 | 0.47382 | 371 | 41329 | 2347 | 412 | 284 |
| Layer Recurrent Network | 3 | traingd | mse | 1.00E-006 | - | 63502.mat | 70 | 0.86668 | 0.60332 | 473 | 38070 | 5856 | 311 | 33 |
| Layer Recurrent Network | 5 | traingd | mse | 1.00E-006 | - | 63502.mat | 70 | 0.87515 | 0.58876 | 461 | 38348 | 5471 | 322 | 141 |
| Layer Recurrent Network | 29 | traingd | mse | 1.00E-006 | - | 63502.mat | 70 | 0.94908 | 0.47066 | 369 | 41617 | 2233 | 415 | 109 |
| Layer Recurrent Network | 3 | trainrp | mse | 1.00E-006 | - | 63502.mat | 70 | 1 | 0 | 0 | 43275 | 0 | 686 | 782 |
| Layer Recurrent Network | 5 | trainrp | mse | 1.00E-006 | - | 63502.mat | 70 | 0.99826 | 0.016014 | 9 | 41251 | 72 | 553 | 2858 |
| Layer Recurrent Network | 29 | trainrp | mse | 1.00E-006 | - | 63502.mat | 70 | 0.97818 | 0.26381 | 191 | 42138 | 940 | 533 | 941 |
| Layer Recurrent Network | 3 | trainscg | mse | 1.00E-006 | - | 63502.mat | 70 | 0.93256 | 0.43718 | 341 | 40989 | 2964 | 439 | 10 |
| Layer Recurrent Network | 5 | trainscg | mse | 1.00E-006 | - | 63502.mat | 70 | 0.94812 | 0.43295 | 339 | 41598 | 2276 | 444 | 86 |
| Layer Recurrent Network | 29 | trainscg | mse | 1.00E-006 | - | 63502.mat | 70 | 0.95529 | 0.45967 | 359 | 41708 | 1952 | 422 | 302 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.98137 | 0.034439 | 27 | 43140 | 819 | 757 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.00004551 | 1 | 784 | 2 | 43944 | 0 | 13 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.9713 | 0.29449 | 230 | 42611 | 1259 | 551 | 92 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.96747 | 0.40434 | 317 | 42527 | 1430 | 467 | 2 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.96573 | 0.41956 | 326 | 42406 | 1505 | 451 | 55 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.96759 | 0.40154 | 312 | 42425 | 1421 | 465 | 120 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.8729 | 0.60077 | 471 | 38342 | 5583 | 313 | 34 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.90192 | 0.57015 | 447 | 39645 | 4311 | 337 | 3 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.90406 | 0.53699 | 421 | 39680 | 4211 | 363 | 68 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.86954 | 0.59821 | 469 | 38197 | 5731 | 315 | 31 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.89616 | 0.56888 | 446 | 39379 | 4563 | 338 | 17 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.90787 | 0.52679 | 413 | 39809 | 4040 | 371 | 110 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.016393 | NaN | 0 | 1 | 60 | 0 | 44682 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 1 | 0 | 0 | 43879 | 0 | 783 | 81 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.12568 | 1 | 3 | 23 | 160 | 0 | 44557 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.95321 | 0.12483 | 90 | 40971 | 2011 | 631 | 1040 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.9952 | 0.18704 | 101 | 40410 | 195 | 439 | 3598 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.98043 | 0.25036 | 176 | 42382 | 846 | 527 | 812 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.00036447 | 0.99343 | 756 | 16 | 43883 | 5 | 83 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.99891 | 0.0051414 | 4 | 43864 | 48 | 774 | 53 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.9845 | 0.099042 | 62 | 41672 | 656 | 564 | 1789 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.97207 | 0.27967 | 205 | 42185 | 1212 | 528 | 613 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.96049 | 0.3534 | 270 | 41842 | 1721 | 494 | 416 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.95969 | 0.34404 | 257 | 41852 | 1758 | 490 | 386 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0 | 1 | 784 | 0 | 43959 | 0 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.99936 | 0.002551 | 2 | 43913 | 28 | 782 | 18 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.9841 | 0.1199 | 94 | 43209 | 698 | 690 | 52 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.96702 | 0.40903 | 317 | 42309 | 1443 | 458 | 216 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.9665 | 0.38613 | 295 | 42291 | 1466 | 469 | 222 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.97165 | 0.39446 | 299 | 42297 | 1234 | 459 | 454 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 70 | 1 | 0 | 0 | 43959 | 0 | 784 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.93703 | 0.44929 | 350 | 41088 | 2761 | 429 | 115 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.95474 | 0.45839 | 358 | 41743 | 1979 | 423 | 240 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.92735 | 0.40306 | 316 | 40760 | 3193 | 468 | 6 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.91875 | 0.46341 | 361 | 40298 | 3564 | 418 | 102 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.9445 | 0.48531 | 380 | 41407 | 2433 | 403 | 120 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0 | 1 | 784 | 0 | 43958 | 0 | 1 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.000068281 | 1 | 784 | 3 | 43933 | 0 | 23 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.99977 | 0 | 0 | 43927 | 10 | 784 | 22 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.97201 | 0.39063 | 300 | 42617 | 1227 | 468 | 131 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.96031 | 0.42228 | 326 | 42122 | 1741 | 446 | 108 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.96536 | 0.39586 | 306 | 42307 | 1518 | 467 | 145 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.85902 | 0.60332 | 473 | 37761 | 6197 | 311 | 1 |

Single Classification

| | | | | | | | | | | | | | | |
|---------------------|----|----------|-----|-----------|---------|-----------|----|------------|----------|-----|-------|-------|-----|-------|
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.88683 | 0.58291 | 457 | 38976 | 4974 | 327 | 9 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.91237 | 0.5645 | 442 | 40035 | 3845 | 341 | 80 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.86323 | 0.59311 | 465 | 37902 | 6005 | 319 | 52 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.87174 | 0.59694 | 468 | 38292 | 5634 | 316 | 33 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.9024 | 0.58036 | 455 | 39554 | 4278 | 329 | 127 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0 | 1 | 784 | 0 | 43933 | 0 | 26 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 1 | 0 | 0 | 43929 | 0 | 784 | 30 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.99986 | 0 | 0 | 43927 | 6 | 784 | 26 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.96586 | 0.30218 | 236 | 42355 | 1497 | 545 | 110 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.97616 | 0.24332 | 182 | 42551 | 1039 | 566 | 405 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.96784 | 0.323 | 250 | 42465 | 1411 | 524 | 93 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.99511 | 0.082251 | 57 | 42966 | 211 | 636 | 873 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0 | NaN | 0 | 0 | 1 | 0 | 44742 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.94621 | 0.42292 | 310 | 39773 | 2261 | 423 | 1976 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.071429 | 1 | 1 | 3 | 39 | 0 | 44700 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.9597 | 0.28954 | 227 | 42149 | 1770 | 557 | 40 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.0002276 | 1 | 784 | 10 | 43926 | 0 | 23 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.99993 | 0 | 0 | 43945 | 3 | 784 | 11 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.9998 | 0 | 0 | 43924 | 9 | 784 | 26 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.00013659 | 1 | 784 | 6 | 43920 | 0 | 33 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.96827 | 0.37629 | 292 | 42478 | 1392 | 484 | 97 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.96556 | 0.39487 | 308 | 42413 | 1513 | 472 | 37 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.96449 | 0.40337 | 311 | 42339 | 1559 | 460 | 74 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.92554 | 0.43878 | 344 | 40671 | 3272 | 440 | 16 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.94457 | 0.42857 | 336 | 41457 | 2433 | 448 | 69 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.94641 | 0.44955 | 352 | 41533 | 2352 | 431 | 75 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.94955 | 0.42656 | 334 | 41730 | 2217 | 449 | 13 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.94894 | 0.43423 | 340 | 41700 | 2244 | 443 | 16 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.95065 | 0.46213 | 360 | 41628 | 2161 | 419 | 175 |

Group Classification

| Network | Number Neurons | Network | Training Function | Performance Function | Training Goal | Activation Function | Input | Percentage Crysis (0-100) | Specificity | Sensibility | True Positives | True Negatives | False Positives | False Negatives | Invalid Data |
|-------------------------|----------------|---------|-------------------|----------------------|---------------|---------------------|-----------|---------------------------|-------------|-------------|----------------|----------------|-----------------|-----------------|--------------|
| Radial Basis Network | 3 | | - | - | 0.01 | - | 44202.mat | 30 | 0.97411 | 0.89052 | 911 | 245650 | 6528 | 112 | 0 |
| Radial Basis Network | 5 | | - | - | 0.01 | - | 44202.mat | 30 | 0.97209 | 0.8915 | 912 | 245140 | 7038 | 111 | 0 |
| Radial Basis Network | 29 | | - | - | 0.01 | - | 44202.mat | 30 | 0.94392 | 0.9609 | 983 | 238040 | 14141 | 40 | 0 |
| FeedForward | 3 | | traingd | mse | 1.00E-006 | - | 44202.mat | 30 | 0.9737 | 0.86804 | 888 | 245550 | 6632 | 135 | 0 |
| FeedForward | 5 | | traingd | mse | 1.00E-006 | - | 44202.mat | 30 | 0.978 | 0.86999 | 890 | 246630 | 5547 | 133 | 0 |
| FeedForward | 29 | | traingd | mse | 1.00E-006 | - | 44202.mat | 30 | 0.98626 | 0.85435 | 874 | 248720 | 3465 | 149 | 0 |
| FeedForward | 3 | | trainrp | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99994 | 0.53177 | 544 | 252160 | 15 | 479 | 0 |
| FeedForward | 5 | | trainrp | mse | 1.00E-006 | - | 44202.mat | 30 | 1 | 0.39562 | 379 | 252180 | 0 | 579 | 65 |
| FeedForward | 29 | | trainrp | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99999 | 0.53177 | 544 | 252180 | 3 | 479 | 0 |
| FeedForward | 3 | | trainscg | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99967 | 0.69599 | 712 | 252100 | 84 | 311 | 0 |
| FeedForward | 5 | | trainscg | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99956 | 0.74878 | 766 | 252070 | 112 | 257 | 0 |
| FeedForward | 29 | | trainscg | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99967 | 0.74682 | 764 | 252100 | 82 | 259 | 0 |
| Layer Recurrent Network | 3 | | traingd | mse | 1.00E-006 | - | 44202.mat | 30 | 0.97523 | 0.8651 | 885 | 245930 | 6246 | 138 | 0 |
| Layer Recurrent Network | 5 | | traingd | mse | 1.00E-006 | - | 44202.mat | 30 | 0.96994 | 0.88172 | 902 | 244600 | 7580 | 121 | 0 |
| Layer Recurrent Network | 29 | | traingd | mse | 1.00E-006 | - | 44202.mat | 30 | 0.98512 | 0.86119 | 881 | 248430 | 3753 | 142 | 0 |
| Layer Recurrent Network | 3 | | trainrp | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99999 | 0.3563 | 362 | 252180 | 3 | 654 | 7 |
| Layer Recurrent Network | 5 | | trainrp | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99999 | 0.326 | 326 | 252180 | 2 | 674 | 23 |
| Layer Recurrent Network | 29 | | trainrp | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99998 | 0.50783 | 519 | 252180 | 4 | 503 | 1 |
| Layer Recurrent Network | 3 | | trainscg | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99966 | 0.71848 | 735 | 252090 | 87 | 288 | 0 |
| Layer Recurrent Network | 5 | | trainscg | mse | 1.00E-006 | - | 44202.mat | 30 | 0.9995 | 0.73998 | 757 | 252050 | 127 | 266 | 0 |
| Layer Recurrent Network | 29 | | trainscg | mse | 1.00E-006 | - | 44202.mat | 30 | 0.99932 | 0.75464 | 772 | 252010 | 172 | 251 | 0 |
| Distributed Time Delay | 3 | | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1023 | 0 | 252180 | 0 | 0 |
| Distributed Time Delay | 5 | | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 1 | 0.2844 | 31 | 83 | 0 | 78 | 253010 |
| Distributed Time Delay | 29 | | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0.99159 | 0.68426 | 700 | 250060 | 2122 | 323 | 0 |
| Distributed Time Delay | 3 | | traingd | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99911 | 0.68915 | 705 | 251960 | 224 | 318 | 0 |
| Distributed Time Delay | 5 | | traingd | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99987 | 0.60508 | 619 | 252150 | 34 | 404 | 0 |
| Distributed Time Delay | 29 | | traingd | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99929 | 0.68035 | 696 | 252000 | 179 | 327 | 0 |
| Distributed Time Delay | 3 | | traingd | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.96892 | 0.8739 | 894 | 244340 | 7837 | 129 | 0 |
| Distributed Time Delay | 5 | | traingd | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.9748 | 0.87195 | 892 | 245820 | 6356 | 131 | 0 |
| Distributed Time Delay | 29 | | traingd | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.98317 | 0.86315 | 883 | 247940 | 4244 | 140 | 0 |
| Distributed Time Delay | 3 | | traingd | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.97898 | 0.86999 | 890 | 246880 | 5302 | 133 | 0 |
| Distributed Time Delay | 5 | | traingd | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.97733 | 0.87195 | 892 | 246460 | 5716 | 131 | 0 |
| Distributed Time Delay | 29 | | traingd | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.97954 | 0.86901 | 889 | 247020 | 5160 | 134 | 0 |
| Distributed Time Delay | 3 | | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 1 | 0 | 0 | 80 | 0 | 10 | 253110 |
| Distributed Time Delay | 5 | | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 30 | NaN | 0 | 0 | 0 | 0 | 75 | 253130 |
| Distributed Time Delay | 29 | | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0.99984 | 0.33822 | 323 | 252140 | 40 | 632 | 68 |
| Distributed Time Delay | 3 | | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 30 | 1 | 0.34874 | 347 | 252180 | 0 | 648 | 28 |
| Distributed Time Delay | 5 | | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.9999 | 0.51711 | 529 | 252160 | 24 | 494 | 0 |
| Distributed Time Delay | 29 | | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99999 | 0.46523 | 475 | 252180 | 3 | 546 | 2 |
| Distributed Time Delay | 3 | | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 30 | 1 | 0.24885 | 217 | 52080 | 0 | 655 | 200250 |
| Distributed Time Delay | 5 | | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99996 | 0.5523 | 565 | 252170 | 9 | 458 | 0 |
| Distributed Time Delay | 29 | | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 30 | 1 | 0.26816 | 144 | 579 | 0 | 393 | 252090 |
| Distributed Time Delay | 3 | | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99985 | 0.59629 | 610 | 252140 | 37 | 413 | 0 |
| Distributed Time Delay | 5 | | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99999 | 0.41195 | 386 | 252180 | 3 | 551 | 86 |
| Distributed Time Delay | 29 | | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99999 | 0.53666 | 549 | 252180 | 3 | 474 | 0 |
| Distributed Time Delay | 3 | | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 1 | 0.53177 | 544 | 252180 | 1 | 479 | 0 |
| Distributed Time Delay | 5 | | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0.99997 | 0.22287 | 228 | 252170 | 8 | 795 | 0 |
| Distributed Time Delay | 29 | | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0.76345 | 0.81623 | 835 | 192530 | 59653 | 188 | 0 |
| Distributed Time Delay | 3 | | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99956 | 0.62757 | 642 | 252070 | 111 | 381 | 0 |
| Distributed Time Delay | 5 | | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99953 | 0.62366 | 638 | 252060 | 118 | 385 | 0 |
| Distributed Time Delay | 29 | | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99949 | 0.64125 | 656 | 252050 | 128 | 367 | 0 |
| Distributed Time Delay | 3 | | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99979 | 0.73998 | 757 | 252130 | 54 | 266 | 0 |

Group Classification

| | | | | | | | | | | | | | | |
|------------------------|----|----------|-----|-----------|---------|-----------|----|---------|---------|------|--------|--------|------|--------|
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99972 | 0.74291 | 760 | 252110 | 70 | 263 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99967 | 0.76051 | 778 | 252100 | 82 | 245 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99966 | 0.6999 | 716 | 252090 | 86 | 307 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99949 | 0.76735 | 785 | 252050 | 128 | 238 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99962 | 0.74291 | 760 | 252080 | 95 | 263 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1023 | 0 | 252180 | 0 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1023 | 0 | 252180 | 0 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1023 | 0 | 252180 | 0 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99902 | 0.70968 | 726 | 251930 | 246 | 297 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99905 | 0.70381 | 720 | 251940 | 239 | 303 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99903 | 0.7087 | 725 | 251940 | 244 | 298 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.96705 | 0.87292 | 893 | 243870 | 8309 | 130 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.97516 | 0.87097 | 891 | 245920 | 6264 | 132 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.9889 | 0.85044 | 870 | 249380 | 2799 | 153 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.97928 | 0.86999 | 890 | 246960 | 5225 | 133 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.97126 | 0.87195 | 892 | 244930 | 7248 | 131 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.973 | 0.87781 | 898 | 245370 | 6810 | 125 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1023 | 0 | 252180 | 0 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 1 | 0 | 0 | 252180 | 0 | 1023 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 1 | NaN | 0 | 10 | 0 | 0 | 253190 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99996 | 0.57771 | 591 | 252170 | 9 | 432 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99996 | 0.58749 | 601 | 252170 | 10 | 422 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99994 | 0.60411 | 618 | 252160 | 15 | 405 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0 | 0.99511 | 1018 | 0 | 252180 | 5 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99999 | 0.44184 | 452 | 252180 | 3 | 571 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.98945 | 0.95376 | 825 | 8348 | 89 | 40 | 243900 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0 | 1 | 1023 | 0 | 252180 | 0 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99994 | 0.57869 | 592 | 252170 | 14 | 431 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99998 | 0.56696 | 580 | 252170 | 6 | 443 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1023 | 0 | 252180 | 0 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 1 | 0 | 0 | 252180 | 0 | 1023 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 30 | 0 | 1 | 1023 | 0 | 252180 | 0 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99933 | 0.65787 | 673 | 252010 | 168 | 350 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99954 | 0.62268 | 637 | 252060 | 116 | 386 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 30 | 0.99953 | 0.62757 | 642 | 252060 | 119 | 381 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99952 | 0.73216 | 749 | 252060 | 121 | 274 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99959 | 0.71652 | 733 | 252080 | 103 | 290 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 30 | 0.99964 | 0.74878 | 766 | 252090 | 90 | 257 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99943 | 0.7087 | 725 | 252040 | 143 | 298 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99986 | 0.7263 | 743 | 252140 | 35 | 280 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 30 | 0.99956 | 0.72532 | 742 | 252070 | 111 | 281 | 0 |
| Radial Basis Network | 3 | - | - | 0.01 | - | 44202.mat | 50 | 0.90901 | 0.88706 | 1398 | 493220 | 49368 | 178 | 0 |
| Radial Basis Network | 5 | - | - | 0.01 | - | 44202.mat | 50 | 0.90436 | 0.89404 | 1409 | 490690 | 51892 | 167 | 0 |
| Radial Basis Network | 29 | - | - | 0.01 | - | 44202.mat | 50 | 0.86006 | 0.95241 | 1501 | 466660 | 75928 | 75 | 0 |
| FeedForward | 3 | traingd | mse | 1.00E-006 | - | 44202.mat | 50 | 0.81088 | 0.82107 | 1294 | 439970 | 102610 | 282 | 0 |
| FeedForward | 5 | traingd | mse | 1.00E-006 | - | 44202.mat | 50 | 0.77018 | 0.80584 | 1270 | 417890 | 124700 | 306 | 0 |
| FeedForward | 29 | traingd | mse | 1.00E-006 | - | 44202.mat | 50 | 0.90438 | 0.81155 | 1279 | 490700 | 51883 | 297 | 0 |
| FeedForward | 3 | trainrp | mse | 1.00E-006 | - | 44202.mat | 50 | 0.99894 | 0.20362 | 304 | 540910 | 573 | 1189 | 1186 |
| FeedForward | 5 | trainrp | mse | 1.00E-006 | - | 44202.mat | 50 | 0.99974 | 0.41496 | 649 | 542440 | 143 | 915 | 16 |
| FeedForward | 29 | trainrp | mse | 1.00E-006 | - | 44202.mat | 50 | 0.99753 | 0.61104 | 963 | 541240 | 1341 | 613 | 0 |
| FeedForward | 3 | trainscg | mse | 1.00E-006 | - | 44202.mat | 50 | 0.98077 | 0.76586 | 1207 | 532150 | 10432 | 369 | 0 |
| FeedForward | 5 | trainscg | mse | 1.00E-006 | - | 44202.mat | 50 | 0.97789 | 0.7665 | 1208 | 530590 | 11994 | 368 | 0 |
| FeedForward | 29 | trainscg | mse | 1.00E-006 | - | 44202.mat | 50 | 0.96824 | 0.74175 | 1169 | 525350 | 17234 | 407 | 0 |

Group Classification

| | | | | | | | | | | | | | | |
|-------------------------|----|----------|-----|-----------|---------|-----------|----|-------------|----------|------|--------|--------|------|-----|
| Layer Recurrent Network | 3 | traingd | mse | 1.00E-006 | - | 44202.mat | 50 | 0.87671 | 0.81662 | 1287 | 475690 | 66893 | 289 | 0 |
| Layer Recurrent Network | 5 | traingd | mse | 1.00E-006 | - | 44202.mat | 50 | 0.7556 | 0.79759 | 1257 | 409980 | 132610 | 319 | 0 |
| Layer Recurrent Network | 29 | traingd | mse | 1.00E-006 | - | 44202.mat | 50 | 0.9073 | 0.76904 | 1212 | 492290 | 50297 | 364 | 0 |
| Layer Recurrent Network | 3 | trainrp | mse | 1.00E-006 | - | 44202.mat | 50 | 0.99977 | 0.45114 | 711 | 542460 | 126 | 865 | 0 |
| Layer Recurrent Network | 5 | trainrp | mse | 1.00E-006 | - | 44202.mat | 50 | 0.9977 | 0.30212 | 442 | 541320 | 1246 | 1021 | 136 |
| Layer Recurrent Network | 29 | trainrp | mse | 1.00E-006 | - | 44202.mat | 50 | 0.99873 | 0.61168 | 964 | 541890 | 691 | 612 | 0 |
| Layer Recurrent Network | 3 | trainscg | mse | 1.00E-006 | - | 44202.mat | 50 | 0.9534 | 0.80203 | 1264 | 517300 | 25286 | 312 | 0 |
| Layer Recurrent Network | 5 | trainscg | mse | 1.00E-006 | - | 44202.mat | 50 | 0.97968 | 0.77094 | 1215 | 531560 | 11026 | 361 | 0 |
| Layer Recurrent Network | 29 | trainscg | mse | 1.00E-006 | - | 44202.mat | 50 | 0.97105 | 0.78807 | 1242 | 526880 | 15709 | 334 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.99867 | 0.3217 | 507 | 541860 | 723 | 1069 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.99986 | 0.5368 | 846 | 542510 | 77 | 730 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.99907 | 0.45178 | 712 | 542080 | 504 | 864 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99767 | 0.64657 | 1019 | 541320 | 1263 | 557 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99893 | 0.6453 | 1017 | 542000 | 580 | 559 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99826 | 0.66434 | 1047 | 541640 | 945 | 529 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.70903 | 0.81536 | 1285 | 384710 | 157880 | 291 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.80202 | 0.81916 | 1291 | 435160 | 107420 | 285 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.91044 | 0.81028 | 1277 | 493990 | 48594 | 299 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.7461 | 0.8217 | 1295 | 404820 | 137760 | 281 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.87595 | 0.8217 | 1295 | 475280 | 67308 | 281 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.89597 | 0.81472 | 1284 | 486140 | 56445 | 292 | 0 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0 | 0.99429 | 1567 | 0 | 542580 | 9 | 0 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 1 | 0 | 0 | 542580 | 0 | 1413 | 163 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.99999 | 0.30774 | 485 | 542580 | 4 | 1091 | 1 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99988 | 0.55556 | 875 | 542520 | 64 | 700 | 1 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99992 | 0.35832 | 545 | 542540 | 45 | 976 | 55 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99932 | 0.48089 | 755 | 542220 | 368 | 815 | 6 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.001268 | 0.81916 | 1291 | 688 | 541900 | 285 | 0 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.99996 | 0.20171 | 307 | 542560 | 24 | 1215 | 54 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.99871 | 0.46928 | 718 | 541890 | 698 | 812 | 46 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.000033185 | 0.97843 | 1542 | 18 | 542390 | 34 | 175 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 50 | 1 | 0.0117 | 15 | 542390 | 0 | 1267 | 485 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.99744 | 0.61992 | 977 | 541200 | 1387 | 599 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.99999 | 0.019036 | 30 | 542580 | 6 | 1546 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.99999 | 0.043782 | 69 | 542580 | 6 | 1507 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0.99953 | 0.54188 | 854 | 542330 | 257 | 722 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99844 | 0.64848 | 1022 | 541740 | 848 | 554 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99827 | 0.65102 | 1026 | 541650 | 936 | 550 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99895 | 0.62246 | 981 | 542010 | 570 | 595 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.97563 | 0.77475 | 1221 | 529360 | 13225 | 355 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.97258 | 0.79188 | 1248 | 527710 | 14877 | 328 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.96756 | 0.79188 | 1248 | 524980 | 17603 | 328 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.97291 | 0.78997 | 1245 | 527890 | 14699 | 331 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.97356 | 0.77919 | 1228 | 528240 | 14346 | 348 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.96504 | 0.79695 | 1256 | 523610 | 18971 | 320 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 1 | 0 | 0 | 542580 | 0 | 1576 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0 | 1 | 1576 | 0 | 542580 | 0 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0 | 1 | 1576 | 0 | 542580 | 0 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99855 | 0.66244 | 1044 | 541800 | 788 | 532 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99834 | 0.66371 | 1046 | 541680 | 902 | 530 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99797 | 0.6618 | 1043 | 541480 | 1103 | 533 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.81342 | 0.84264 | 1328 | 441350 | 101240 | 248 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.7139 | 0.81853 | 1290 | 387350 | 155230 | 286 | 0 |

Group Classification

| | | | | | | | | | | | | | | |
|-------------------------|----|----------|-----|-----------|---------|-----------|----|---------|---------|------|--------|--------|------|--------|
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.89738 | 0.81662 | 1287 | 486900 | 55681 | 289 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.7217 | 0.84391 | 1330 | 391580 | 151000 | 246 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.84885 | 0.82551 | 1301 | 460570 | 82012 | 275 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.90293 | 0.81345 | 1282 | 489910 | 52671 | 294 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0 | 1 | 1576 | 0 | 542580 | 0 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 1 | 0 | 0 | 42 | 0 | 10 | 544110 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 1 | 0 | 0 | 542580 | 0 | 1576 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99955 | 0.59708 | 941 | 542340 | 242 | 635 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99936 | 0.61041 | 962 | 542240 | 347 | 614 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99839 | 0.62944 | 992 | 541710 | 871 | 584 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.99958 | 0.6109 | 953 | 541920 | 230 | 607 | 446 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.9999 | 0.5719 | 875 | 540600 | 53 | 655 | 1980 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.97386 | 0.88527 | 1088 | 42612 | 1144 | 141 | 499180 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.99961 | 0.60406 | 952 | 542370 | 214 | 624 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 50 | 1 | 0.41968 | 546 | 542320 | 2 | 755 | 535 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.9998 | 0.58312 | 919 | 542480 | 109 | 657 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 0 | 1 | 1576 | 0 | 542580 | 0 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 1 | 0 | 0 | 542580 | 0 | 1576 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 50 | 1 | 0 | 0 | 42 | 0 | 10 | 544110 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99818 | 0.66307 | 1045 | 541600 | 987 | 531 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99827 | 0.66053 | 1041 | 541650 | 939 | 535 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 50 | 0.99856 | 0.65419 | 1031 | 541800 | 784 | 545 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.96634 | 0.79315 | 1250 | 524320 | 18262 | 326 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.97925 | 0.77411 | 1220 | 531320 | 11261 | 356 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 50 | 0.96999 | 0.78997 | 1245 | 526300 | 16283 | 331 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.98337 | 0.74683 | 1177 | 533560 | 9024 | 399 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.98262 | 0.76142 | 1200 | 533150 | 9430 | 376 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 50 | 0.96556 | 0.79505 | 1253 | 523900 | 18684 | 323 | 0 |
| Radial Basis Network | 3 | - | - | 0.01 | - | 44202.mat | 70 | 0.91086 | 0.87137 | 1802 | 522020 | 51085 | 266 | 0 |
| Radial Basis Network | 5 | - | - | 0.01 | - | 44202.mat | 70 | 0.90588 | 0.87476 | 1809 | 519160 | 53941 | 259 | 0 |
| Radial Basis Network | 29 | - | - | 0.01 | - | 44202.mat | 70 | 0.86446 | 0.93762 | 1939 | 495420 | 77676 | 129 | 0 |
| FeedForward | 3 | traingd | mse | 1.00E-006 | - | 44202.mat | 70 | 0.81378 | 0.82689 | 1710 | 466380 | 106720 | 358 | 0 |
| FeedForward | 5 | traingd | mse | 1.00E-006 | - | 44202.mat | 70 | 0.77328 | 0.82592 | 1708 | 443170 | 129930 | 360 | 0 |
| FeedForward | 29 | traingd | mse | 1.00E-006 | - | 44202.mat | 70 | 0.90508 | 0.81673 | 1689 | 518700 | 54398 | 379 | 0 |
| FeedForward | 3 | trainrp | mse | 1.00E-006 | - | 44202.mat | 70 | 0.99893 | 0.23288 | 459 | 571300 | 613 | 1512 | 1285 |
| FeedForward | 5 | trainrp | mse | 1.00E-006 | - | 44202.mat | 70 | 0.99971 | 0.43288 | 890 | 572930 | 165 | 1166 | 16 |
| FeedForward | 29 | trainrp | mse | 1.00E-006 | - | 44202.mat | 70 | 0.99755 | 0.61219 | 1266 | 571700 | 1403 | 802 | 0 |
| FeedForward | 3 | trainscg | mse | 1.00E-006 | - | 44202.mat | 70 | 0.98075 | 0.77031 | 1593 | 562070 | 11030 | 475 | 0 |
| FeedForward | 5 | trainscg | mse | 1.00E-006 | - | 44202.mat | 70 | 0.97794 | 0.76789 | 1588 | 560460 | 12642 | 480 | 0 |
| FeedForward | 29 | trainscg | mse | 1.00E-006 | - | 44202.mat | 70 | 0.96819 | 0.75387 | 1559 | 554870 | 18232 | 509 | 0 |
| Layer Recurrent Network | 3 | traingd | mse | 1.00E-006 | - | 44202.mat | 70 | 0.8781 | 0.82302 | 1702 | 503240 | 69862 | 366 | 0 |
| Layer Recurrent Network | 5 | traingd | mse | 1.00E-006 | - | 44202.mat | 70 | 0.75871 | 0.8206 | 1697 | 434820 | 138280 | 371 | 0 |
| Layer Recurrent Network | 29 | traingd | mse | 1.00E-006 | - | 44202.mat | 70 | 0.90792 | 0.78143 | 1616 | 520330 | 52771 | 452 | 0 |
| Layer Recurrent Network | 3 | trainrp | mse | 1.00E-006 | - | 44202.mat | 70 | 0.99975 | 0.44342 | 917 | 572960 | 145 | 1151 | 0 |
| Layer Recurrent Network | 5 | trainrp | mse | 1.00E-006 | - | 44202.mat | 70 | 0.99767 | 0.31662 | 619 | 571730 | 1338 | 1336 | 143 |
| Layer Recurrent Network | 29 | trainrp | mse | 1.00E-006 | - | 44202.mat | 70 | 0.99869 | 0.60832 | 1258 | 572350 | 748 | 810 | 0 |
| Layer Recurrent Network | 3 | trainscg | mse | 1.00E-006 | - | 44202.mat | 70 | 0.95331 | 0.80271 | 1660 | 546340 | 26756 | 408 | 0 |
| Layer Recurrent Network | 5 | trainscg | mse | 1.00E-006 | - | 44202.mat | 70 | 0.97969 | 0.77176 | 1596 | 561460 | 11642 | 472 | 0 |
| Layer Recurrent Network | 29 | trainscg | mse | 1.00E-006 | - | 44202.mat | 70 | 0.97101 | 0.78917 | 1632 | 556490 | 16612 | 436 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.9987 | 0.31044 | 642 | 572360 | 743 | 1426 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.99983 | 0.54014 | 1117 | 573000 | 97 | 951 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.99904 | 0.46132 | 954 | 572550 | 548 | 1114 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99766 | 0.64652 | 1337 | 571760 | 1339 | 731 | 0 |

Group Classification

| | | | | | | | | | | | | | | |
|------------------------|----|----------|-----|-----------|---------|-----------|----|-------------|----------|------|--------|--------|------|--------|
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99887 | 0.64507 | 1334 | 572450 | 646 | 734 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99823 | 0.66199 | 1369 | 572080 | 1016 | 699 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.71118 | 0.83607 | 1729 | 407940 | 165170 | 339 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.80476 | 0.83172 | 1720 | 461210 | 111890 | 348 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.91102 | 0.81238 | 1680 | 522110 | 50993 | 388 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.74968 | 0.83994 | 1737 | 429640 | 143460 | 331 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.87711 | 0.82495 | 1706 | 502670 | 70429 | 362 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.89686 | 0.81721 | 1690 | 513990 | 59110 | 378 | 0 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0 | 0.99565 | 2059 | 0 | 573100 | 9 | 0 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 1 | 0 | 0 | 573100 | 0 | 1898 | 170 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.99999 | 0.29304 | 606 | 573100 | 4 | 1462 | 1 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99986 | 0.5583 | 1154 | 573020 | 78 | 913 | 1 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.9999 | 0.35157 | 707 | 573040 | 56 | 1304 | 57 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99932 | 0.46411 | 957 | 572710 | 391 | 1105 | 6 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.0012319 | 0.80174 | 1658 | 706 | 572390 | 410 | 0 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.99995 | 0.23663 | 469 | 573070 | 27 | 1513 | 86 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.99867 | 0.49654 | 1004 | 572340 | 760 | 1018 | 46 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.000031418 | 0.98356 | 2034 | 18 | 572910 | 34 | 175 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 70 | 1 | 0.026377 | 45 | 572910 | 0 | 1661 | 553 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.99741 | 0.62186 | 1286 | 571620 | 1485 | 782 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.99999 | 0.017892 | 37 | 573090 | 6 | 2031 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.99999 | 0.05029 | 104 | 573090 | 6 | 1964 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0.9995 | 0.52273 | 1081 | 572820 | 285 | 987 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99839 | 0.64942 | 1343 | 572180 | 924 | 725 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99824 | 0.65135 | 1347 | 572090 | 1007 | 721 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99892 | 0.62814 | 1299 | 572480 | 621 | 769 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.97564 | 0.77708 | 1607 | 559140 | 13958 | 461 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.97265 | 0.79159 | 1637 | 557430 | 15672 | 431 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.96754 | 0.79207 | 1638 | 554500 | 18605 | 430 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.97286 | 0.79062 | 1635 | 557540 | 15556 | 433 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.97346 | 0.78143 | 1616 | 557890 | 15208 | 452 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.96497 | 0.79642 | 1647 | 553030 | 20074 | 421 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 1 | 0 | 0 | 573100 | 0 | 2068 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0 | 1 | 2068 | 0 | 573100 | 0 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0 | 1 | 2068 | 0 | 573100 | 0 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99849 | 0.66199 | 1369 | 572240 | 865 | 699 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.9983 | 0.66393 | 1373 | 572130 | 974 | 695 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99795 | 0.66199 | 1369 | 571930 | 1174 | 699 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.81594 | 0.85203 | 1762 | 467610 | 105490 | 306 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.71672 | 0.83849 | 1734 | 410760 | 162350 | 334 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.89813 | 0.8177 | 1691 | 514720 | 58379 | 377 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.72604 | 0.85493 | 1768 | 416090 | 157010 | 300 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.85089 | 0.83075 | 1718 | 487650 | 85454 | 350 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.90363 | 0.81528 | 1686 | 517870 | 55229 | 382 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0 | 1 | 2068 | 0 | 573100 | 0 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 1 | 0 | 0 | 56 | 0 | 10 | 575100 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 1 | 0 | 0 | 573100 | 0 | 2068 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.9995 | 0.59671 | 1234 | 572810 | 287 | 834 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99931 | 0.60832 | 1258 | 572700 | 396 | 810 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99835 | 0.63056 | 1304 | 572150 | 946 | 764 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.99953 | 0.6081 | 1246 | 572370 | 269 | 803 | 484 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.99986 | 0.57086 | 1144 | 570950 | 79 | 860 | 2131 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.97274 | 0.87834 | 1415 | 44039 | 1234 | 196 | 528280 |

Group Classification

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|-------------------------|----|----------|-----|-----------|---------|-----------|----|---------|---------|------|--------|--------|------|--------|
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.99956 | 0.60251 | 1246 | 572850 | 250 | 822 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.99999 | 0.41911 | 715 | 572830 | 3 | 991 | 625 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.99976 | 0.58366 | 1207 | 572960 | 138 | 861 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 0 | 1 | 2068 | 0 | 573100 | 0 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 1 | 0 | 0 | 573100 | 0 | 2068 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 44202.mat | 70 | 1 | 0 | 0 | 56 | 0 | 10 | 575100 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99811 | 0.66393 | 1373 | 572020 | 1081 | 695 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99824 | 0.66199 | 1369 | 572090 | 1011 | 699 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 44202.mat | 70 | 0.99852 | 0.65522 | 1355 | 572250 | 848 | 713 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.96632 | 0.79304 | 1640 | 553800 | 19303 | 428 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.9793 | 0.7766 | 1606 | 561240 | 11862 | 462 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 44202.mat | 70 | 0.96992 | 0.79062 | 1635 | 555860 | 17241 | 433 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.98339 | 0.74613 | 1543 | 563580 | 9521 | 525 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.98263 | 0.75967 | 1571 | 563150 | 9953 | 497 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 44202.mat | 70 | 0.96551 | 0.79594 | 1646 | 553330 | 19769 | 422 | 0 |
| Radial Basis Network | 3 | - | - | 0.01 | - | 63502.mat | 30 | 0.96671 | 0.67875 | 1105 | 159380 | 5489 | 523 | 0 |
| Radial Basis Network | 5 | - | - | 0.01 | - | 63502.mat | 30 | 0.95835 | 0.72359 | 1178 | 158000 | 6866 | 450 | 0 |
| Radial Basis Network | 29 | - | - | 0.01 | - | 63502.mat | 30 | 0.85976 | 0.77948 | 1269 | 141750 | 23121 | 359 | 0 |
| FeedForward | 3 | traingd | mse | 1.00E-006 | - | 63502.mat | 30 | 0.8706 | 0.72912 | 1187 | 143530 | 21333 | 441 | 0 |
| FeedForward | 5 | traingd | mse | 1.00E-006 | - | 63502.mat | 30 | 0.9865 | 0.67813 | 1104 | 162640 | 2226 | 524 | 0 |
| FeedForward | 29 | traingd | mse | 1.00E-006 | - | 63502.mat | 30 | 0.98688 | 0.69472 | 1131 | 162700 | 2163 | 497 | 0 |
| FeedForward | 3 | trainrp | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99768 | 0.46867 | 763 | 164490 | 382 | 865 | 0 |
| FeedForward | 5 | trainrp | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99993 | 0.45851 | 746 | 164720 | 11 | 881 | 137 |
| FeedForward | 29 | trainrp | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99957 | 0.4785 | 768 | 164450 | 70 | 837 | 374 |
| FeedForward | 3 | trainscg | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99451 | 0.63759 | 1038 | 163960 | 905 | 590 | 0 |
| FeedForward | 5 | trainscg | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99882 | 0.61268 | 995 | 164670 | 194 | 629 | 4 |
| FeedForward | 29 | trainscg | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99468 | 0.58968 | 960 | 163990 | 877 | 668 | 0 |
| Layer Recurrent Network | 3 | traingd | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99539 | 0.66585 | 1084 | 164110 | 760 | 544 | 0 |
| Layer Recurrent Network | 5 | traingd | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99666 | 0.63943 | 1041 | 164320 | 551 | 587 | 0 |
| Layer Recurrent Network | 29 | traingd | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99536 | 0.5731 | 933 | 164100 | 765 | 695 | 0 |
| Layer Recurrent Network | 3 | trainrp | mse | 1.00E-006 | - | 63502.mat | 30 | 1 | 0 | 0 | 112720 | 0 | 1013 | 52762 |
| Layer Recurrent Network | 5 | trainrp | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99994 | 0.24176 | 352 | 164440 | 10 | 1104 | 587 |
| Layer Recurrent Network | 29 | trainrp | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99957 | 0.56388 | 918 | 164450 | 70 | 710 | 348 |
| Layer Recurrent Network | 3 | trainscg | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99601 | 0.59889 | 975 | 164210 | 657 | 653 | 0 |
| Layer Recurrent Network | 5 | trainscg | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99705 | 0.62408 | 1016 | 164380 | 487 | 612 | 0 |
| Layer Recurrent Network | 29 | trainscg | mse | 1.00E-006 | - | 63502.mat | 30 | 0.99415 | 0.54668 | 890 | 163900 | 965 | 738 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0 | 0.98833 | 1609 | 0 | 164870 | 19 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.99207 | 0.52518 | 855 | 163560 | 1307 | 773 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.98113 | 0.47666 | 776 | 161410 | 3104 | 852 | 349 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.97363 | 0.59889 | 975 | 160520 | 4348 | 653 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.97921 | 0.59828 | 974 | 161440 | 3427 | 654 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99619 | 0.60258 | 981 | 164240 | 628 | 647 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.80911 | 0.76229 | 1241 | 133400 | 31471 | 387 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.96244 | 0.68796 | 1120 | 158670 | 6193 | 508 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.96423 | 0.72666 | 1183 | 158970 | 5897 | 445 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.98841 | 0.6984 | 1137 | 162960 | 1911 | 491 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.98832 | 0.70086 | 1141 | 162940 | 1925 | 487 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.96877 | 0.70577 | 1149 | 159720 | 5149 | 479 | 0 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 30 | NaN | NaN | 0 | 0 | 0 | 0 | 166500 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 1 | 0 | 0 | 164870 | 0 | 1628 | 0 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.99956 | 0 | 0 | 13510 | 6 | 839 | 152140 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99983 | 0.42964 | 687 | 164490 | 28 | 912 | 379 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.98328 | 0.54115 | 881 | 161760 | 2750 | 747 | 356 |

Group Classification

| | | | | | | | | | | | | | | |
|------------------------|----|----------|-----|-----------|---------|-----------|----|-------------|---------|------|--------|--------|------|--------|
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99967 | 0.53194 | 866 | 164460 | 54 | 762 | 351 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.99991 | 0.44902 | 731 | 164500 | 14 | 897 | 349 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 30 | 1 | 0 | 0 | 11200 | 0 | 679 | 154620 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.96859 | 0.57371 | 934 | 159690 | 5179 | 694 | 0 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.99673 | 0.57494 | 936 | 164330 | 539 | 692 | 0 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.99706 | 0.59459 | 968 | 164380 | 485 | 660 | 0 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.99947 | 0.52126 | 846 | 164430 | 87 | 777 | 355 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.99081 | 0 | 0 | 3128 | 29 | 10 | 163330 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.0021714 | 0.98771 | 1608 | 358 | 164510 | 20 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.96888 | 0.48282 | 773 | 159740 | 5130 | 828 | 27 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99264 | 0.58661 | 955 | 163650 | 1214 | 673 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99853 | 0.59767 | 973 | 164630 | 242 | 655 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99974 | 0.55958 | 911 | 164470 | 43 | 717 | 352 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.99771 | 0.64619 | 1052 | 164490 | 377 | 576 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.99763 | 0.57248 | 932 | 164480 | 391 | 696 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.99848 | 0.50684 | 815 | 164620 | 251 | 793 | 21 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.99715 | 0.63452 | 1033 | 164400 | 470 | 595 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.99657 | 0.60565 | 986 | 164300 | 565 | 642 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.99306 | 0.62101 | 1011 | 163720 | 1144 | 617 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.000097048 | 1 | 1628 | 16 | 164850 | 0 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 1 | 0 | 0 | 310 | 0 | 30 | 166160 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 1 | 0 | 0 | 1841 | 0 | 44 | 164610 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99097 | 0.58661 | 955 | 163380 | 1489 | 673 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99803 | 0.58968 | 960 | 164540 | 325 | 668 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99202 | 0.59951 | 976 | 163200 | 1313 | 652 | 350 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.99287 | 0.69103 | 1125 | 163690 | 1175 | 503 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.99317 | 0.67322 | 1096 | 163740 | 1126 | 532 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.98068 | 0.67076 | 1092 | 161680 | 3185 | 536 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.78226 | 0.74201 | 1208 | 128970 | 35898 | 420 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.88102 | 0.69902 | 1138 | 145250 | 19616 | 490 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.99103 | 0.64128 | 1044 | 163390 | 1479 | 584 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 1 | 0 | 0 | 716 | 0 | 49 | 165730 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 1 | 0 | 0 | 164870 | 0 | 1628 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0 | 1 | 1628 | 0 | 164870 | 0 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99148 | 0.59337 | 966 | 163440 | 1404 | 662 | 27 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99355 | 0.58047 | 945 | 163800 | 1063 | 683 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99188 | 0.58538 | 953 | 163530 | 1338 | 675 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 30 | 1 | 0 | 0 | 164870 | 0 | 1628 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0 | 1 | 1628 | 0 | 164870 | 0 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.86147 | 0.88708 | 1147 | 53418 | 8590 | 146 | 103190 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.00016983 | 0.98833 | 1609 | 28 | 164840 | 19 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0 | 1 | 1628 | 0 | 164870 | 0 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.87151 | 0.87862 | 1093 | 45620 | 6726 | 151 | 112910 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 1 | 0 | 0 | 2605 | 0 | 10 | 163880 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 0.98177 | 0 | 0 | 2692 | 50 | 43 | 163710 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 30 | 1 | 0 | 0 | 805 | 0 | 73 | 165620 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.98844 | 0.61609 | 1003 | 162960 | 1906 | 625 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99694 | 0.58907 | 959 | 164360 | 504 | 669 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 30 | 0.99391 | 0.59644 | 971 | 163860 | 1004 | 657 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.99757 | 0.44349 | 722 | 164470 | 400 | 906 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.99634 | 0.59459 | 968 | 164260 | 603 | 660 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 30 | 0.9987 | 0.60934 | 992 | 164650 | 215 | 636 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.99675 | 0.63452 | 1033 | 164330 | 535 | 595 | 0 |

Group Classification

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|-------------------------|----|----------|-----|-----------|---------|-----------|----|-------------|-----------|------|--------|--------|------|--------|
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.9938 | 0.62039 | 1010 | 163840 | 1022 | 618 | 5 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 30 | 0.99865 | 0.57678 | 939 | 164650 | 222 | 689 | 0 |
| Radial Basis Network | 3 | - | - | 0.01 | - | 63502.mat | 50 | 0.95977 | 0.67366 | 739 | 109030 | 4570 | 358 | 0 |
| Radial Basis Network | 5 | - | - | 0.01 | - | 63502.mat | 50 | 0.95973 | 0.67366 | 739 | 109020 | 4575 | 358 | 0 |
| Radial Basis Network | 29 | - | - | 0.01 | - | 63502.mat | 50 | 0.9569 | 0.71468 | 784 | 108700 | 4896 | 313 | 0 |
| FeedForward | 3 | traingd | mse | 1.00E-006 | - | 63502.mat | 50 | 0.96552 | 0.70921 | 778 | 109650 | 3916 | 319 | 36 |
| FeedForward | 5 | traingd | mse | 1.00E-006 | - | 63502.mat | 50 | 0.96576 | 0.69189 | 759 | 109710 | 3890 | 338 | 0 |
| FeedForward | 29 | traingd | mse | 1.00E-006 | - | 63502.mat | 50 | 0.98828 | 0.65542 | 719 | 112270 | 1331 | 378 | 0 |
| FeedForward | 3 | trainrp | mse | 1.00E-006 | - | 63502.mat | 50 | 0.96233 | 0.095716 | 105 | 109320 | 4279 | 992 | 0 |
| FeedForward | 5 | trainrp | mse | 1.00E-006 | - | 63502.mat | 50 | 0.97521 | 0.73187 | 535 | 15498 | 394 | 196 | 98071 |
| FeedForward | 29 | trainrp | mse | 1.00E-006 | - | 63502.mat | 50 | 0.99029 | 0.47037 | 516 | 112490 | 1103 | 581 | 0 |
| FeedForward | 3 | trainscg | mse | 1.00E-006 | - | 63502.mat | 50 | 0.98509 | 0.60073 | 659 | 111900 | 1694 | 438 | 0 |
| FeedForward | 5 | trainscg | mse | 1.00E-006 | - | 63502.mat | 50 | 0.99551 | 0.63537 | 697 | 113090 | 510 | 400 | 0 |
| FeedForward | 29 | trainscg | mse | 1.00E-006 | - | 63502.mat | 50 | 0.99219 | 0.58888 | 646 | 112710 | 887 | 451 | 0 |
| Layer Recurrent Network | 3 | traingd | mse | 1.00E-006 | - | 63502.mat | 50 | 0.95981 | 0.69644 | 764 | 109030 | 4566 | 333 | 0 |
| Layer Recurrent Network | 5 | traingd | mse | 1.00E-006 | - | 63502.mat | 50 | 0.9694 | 0.69827 | 766 | 110120 | 3476 | 331 | 0 |
| Layer Recurrent Network | 29 | traingd | mse | 1.00E-006 | - | 63502.mat | 50 | 0.9743 | 0.66454 | 729 | 110680 | 2920 | 368 | 0 |
| Layer Recurrent Network | 3 | trainrp | mse | 1.00E-006 | - | 63502.mat | 50 | 1 | 0.066542 | 71 | 113600 | 0 | 996 | 31 |
| Layer Recurrent Network | 5 | trainrp | mse | 1.00E-006 | - | 63502.mat | 50 | 0.99364 | 0.47671 | 522 | 112870 | 723 | 573 | 2 |
| Layer Recurrent Network | 29 | trainrp | mse | 1.00E-006 | - | 63502.mat | 50 | 0.99099 | 0.51139 | 561 | 112570 | 1024 | 536 | 0 |
| Layer Recurrent Network | 3 | trainscg | mse | 1.00E-006 | - | 63502.mat | 50 | 0.99401 | 0.58797 | 645 | 112920 | 681 | 452 | 0 |
| Layer Recurrent Network | 5 | trainscg | mse | 1.00E-006 | - | 63502.mat | 50 | 0.98126 | 0.60529 | 664 | 111470 | 2129 | 433 | 0 |
| Layer Recurrent Network | 29 | trainscg | mse | 1.00E-006 | - | 63502.mat | 50 | 0.98689 | 0.62078 | 681 | 112110 | 1489 | 416 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.000070424 | 1 | 1097 | 8 | 113590 | 0 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.000070424 | 1 | 1097 | 8 | 113590 | 0 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.99288 | 0.39198 | 430 | 112790 | 809 | 667 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99332 | 0.57156 | 627 | 112840 | 759 | 470 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99464 | 0.56518 | 620 | 112990 | 609 | 477 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99449 | 0.56427 | 619 | 112970 | 626 | 478 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.9338 | 0.70647 | 775 | 106080 | 7520 | 322 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.96246 | 0.70556 | 774 | 109330 | 4264 | 323 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.97429 | 0.69736 | 765 | 110680 | 2921 | 332 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.92943 | 0.69644 | 764 | 105580 | 8017 | 333 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.97914 | 0.68642 | 753 | 111230 | 2370 | 344 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.98686 | 0.66727 | 732 | 111760 | 1488 | 365 | 350 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.99706 | 0.0091158 | 10 | 113260 | 334 | 1087 | 0 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.98443 | 0 | 0 | 2909 | 46 | 14 | 111730 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.99839 | 0 | 0 | 9282 | 15 | 277 | 105120 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99657 | 0.52507 | 576 | 112860 | 388 | 521 | 350 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99962 | 0.41841 | 459 | 113200 | 43 | 638 | 354 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99042 | 0.46946 | 515 | 112510 | 1088 | 582 | 0 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.91115 | 0.85501 | 631 | 24039 | 2344 | 107 | 87573 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.92639 | 0.60274 | 396 | 20602 | 1637 | 261 | 91798 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.98892 | 0.37648 | 413 | 111990 | 1255 | 684 | 349 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.9153 | 0 | 0 | 4506 | 417 | 171 | 109600 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.99984 | 0.16976 | 183 | 113180 | 18 | 895 | 418 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.99467 | 0.56427 | 619 | 112640 | 604 | 478 | 350 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 1 | NaN | 0 | 419 | 0 | 0 | 114280 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.98648 | 0.22698 | 249 | 112060 | 1536 | 848 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.98775 | 0.31085 | 341 | 112210 | 1391 | 756 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99688 | 0.55515 | 609 | 112900 | 353 | 488 | 349 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99584 | 0.56518 | 620 | 113120 | 473 | 477 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99585 | 0.56062 | 615 | 113130 | 471 | 482 | 0 |

Group Classification

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|------------------------|----|----------|-----|-----------|---------|-----------|----|-------------|---------|------|--------|--------|------|--------|
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.97239 | 0.6144 | 674 | 110120 | 3127 | 423 | 350 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.98761 | 0.60985 | 669 | 112190 | 1408 | 428 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.9948 | 0.60438 | 663 | 113010 | 591 | 434 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.97248 | 0.61167 | 671 | 110470 | 3126 | 426 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.98071 | 0.60529 | 664 | 111410 | 2191 | 433 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.98832 | 0.60529 | 664 | 112270 | 1327 | 433 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 1 | 0 | 0 | 113600 | 0 | 1097 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.000026409 | 1 | 1097 | 3 | 113590 | 0 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.000026409 | 1 | 1097 | 3 | 113590 | 0 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99033 | 0.57612 | 632 | 112500 | 1098 | 465 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.98704 | 0.54603 | 599 | 112130 | 1472 | 498 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.9932 | 0.57885 | 635 | 112830 | 772 | 462 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.93468 | 0.70647 | 775 | 106180 | 7420 | 322 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.95328 | 0.71012 | 779 | 108290 | 5307 | 318 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.97627 | 0.69189 | 759 | 110900 | 2696 | 338 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.92538 | 0.71194 | 781 | 105120 | 8477 | 316 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.9549 | 0.70191 | 770 | 108470 | 5123 | 327 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.95694 | 0.69098 | 758 | 108710 | 4891 | 339 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.99994 | 0 | 0 | 113590 | 7 | 1097 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 1 | NaN | 0 | 190 | 0 | 0 | 114500 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.000008803 | 1 | 1097 | 1 | 113600 | 0 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99943 | 0.26277 | 283 | 113180 | 65 | 794 | 370 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.98799 | 0.5278 | 579 | 112230 | 1364 | 518 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99167 | 0.54877 | 602 | 112320 | 943 | 495 | 338 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.006465 | 0.81047 | 774 | 732 | 112490 | 181 | 514 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 50 | 1 | 0 | 0 | 113240 | 0 | 1037 | 421 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.90598 | 0.88799 | 658 | 28406 | 2948 | 83 | 82599 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.99298 | 0.12306 | 135 | 112800 | 797 | 962 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 50 | 1 | 0 | 0 | 113600 | 0 | 1097 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.98782 | 0.33637 | 369 | 112210 | 1384 | 728 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.99991 | 0 | 0 | 113590 | 10 | 1097 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 1 | 0 | 0 | 1311 | 0 | 10 | 113370 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 50 | 0.99994 | 0 | 0 | 113590 | 7 | 1097 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99498 | 0.57794 | 634 | 112700 | 569 | 463 | 328 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99726 | 0.57156 | 627 | 113290 | 311 | 470 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 50 | 0.99359 | 0.56974 | 625 | 112870 | 728 | 472 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.9708 | 0.60529 | 664 | 110280 | 3317 | 433 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.99279 | 0.59435 | 652 | 112780 | 819 | 445 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 50 | 0.9768 | 0.6381 | 700 | 110960 | 2636 | 397 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.98217 | 0.59799 | 656 | 111570 | 2025 | 441 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.9856 | 0.43118 | 473 | 111960 | 1636 | 624 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 50 | 0.97498 | 0.62078 | 681 | 110760 | 2842 | 416 | 0 |
| Radial Basis Network | 3 | - | - | 0.01 | - | 63502.mat | 70 | 0.92423 | 0.55852 | 439 | 40617 | 3330 | 347 | 0 |
| Radial Basis Network | 5 | - | - | 0.01 | - | 63502.mat | 70 | 0.91622 | 0.61323 | 482 | 40265 | 3682 | 304 | 0 |
| Radial Basis Network | 29 | - | - | 0.01 | - | 63502.mat | 70 | 0.92703 | 0.64631 | 508 | 40740 | 3207 | 278 | 0 |
| FeedForward | 3 | traingd | mse | 1.00E-006 | - | 63502.mat | 70 | 0.95265 | 0.52799 | 415 | 41866 | 2081 | 371 | 0 |
| FeedForward | 5 | traingd | mse | 1.00E-006 | - | 63502.mat | 70 | 0.97285 | 0.56997 | 448 | 42754 | 1193 | 338 | 0 |
| FeedForward | 29 | traingd | mse | 1.00E-006 | - | 63502.mat | 70 | 0.97777 | 0.53308 | 419 | 42970 | 977 | 367 | 0 |
| FeedForward | 3 | trainrp | mse | 1.00E-006 | - | 63502.mat | 70 | 0.99991 | 0.27481 | 216 | 43943 | 4 | 570 | 0 |
| FeedForward | 5 | trainrp | mse | 1.00E-006 | - | 63502.mat | 70 | 0.99891 | 0.11196 | 88 | 43899 | 48 | 698 | 0 |
| FeedForward | 29 | trainrp | mse | 1.00E-006 | - | 63502.mat | 70 | 0.9987 | 0.18066 | 142 | 43890 | 57 | 644 | 0 |
| FeedForward | 3 | trainscg | mse | 1.00E-006 | - | 63502.mat | 70 | 0.98808 | 0.43511 | 342 | 43423 | 524 | 444 | 0 |
| FeedForward | 5 | trainscg | mse | 1.00E-006 | - | 63502.mat | 70 | 0.99693 | 0.44911 | 353 | 43812 | 135 | 433 | 0 |

Group Classification

| | | | | | | | | | | | | | | |
|-------------------------|----|----------|-----|-----------|---------|-----------|----|---------|-----------|-----|-------|-------|-----|-------|
| FeedForward | 29 | trainscg | mse | 1.00E-006 | - | 63502.mat | 70 | 0.98735 | 0.48219 | 379 | 43391 | 556 | 407 | 0 |
| Layer Recurrent Network | 3 | traingd | mse | 1.00E-006 | - | 63502.mat | 70 | 0.92473 | 0.59924 | 471 | 40639 | 3308 | 315 | 0 |
| Layer Recurrent Network | 5 | traingd | mse | 1.00E-006 | - | 63502.mat | 70 | 0.9334 | 0.5916 | 465 | 41020 | 2927 | 321 | 0 |
| Layer Recurrent Network | 29 | traingd | mse | 1.00E-006 | - | 63502.mat | 70 | 0.98878 | 0.48219 | 379 | 43454 | 493 | 407 | 0 |
| Layer Recurrent Network | 3 | trainrp | mse | 1.00E-006 | - | 63502.mat | 70 | 1 | 0 | 0 | 43947 | 0 | 786 | 0 |
| Layer Recurrent Network | 5 | trainrp | mse | 1.00E-006 | - | 63502.mat | 70 | 1 | 0 | 0 | 43943 | 0 | 762 | 28 |
| Layer Recurrent Network | 29 | trainrp | mse | 1.00E-006 | - | 63502.mat | 70 | 0.99841 | 0.22646 | 178 | 43877 | 70 | 608 | 0 |
| Layer Recurrent Network | 3 | trainscg | mse | 1.00E-006 | - | 63502.mat | 70 | 0.97941 | 0.44784 | 352 | 43042 | 905 | 434 | 0 |
| Layer Recurrent Network | 5 | trainscg | mse | 1.00E-006 | - | 63502.mat | 70 | 0.98696 | 0.44529 | 350 | 43374 | 573 | 436 | 0 |
| Layer Recurrent Network | 29 | trainscg | mse | 1.00E-006 | - | 63502.mat | 70 | 0.99377 | 0.47583 | 374 | 43673 | 274 | 412 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.99672 | 0.0025445 | 2 | 43803 | 144 | 784 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0 | 1 | 786 | 0 | 43947 | 0 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.99629 | 0.30407 | 239 | 43784 | 163 | 547 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99568 | 0.43893 | 345 | 43757 | 190 | 441 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99508 | 0.44148 | 347 | 43731 | 216 | 439 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99627 | 0.43003 | 338 | 43783 | 164 | 448 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.93413 | 0.59796 | 470 | 41052 | 2895 | 316 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.96332 | 0.57252 | 450 | 42335 | 1612 | 336 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.96088 | 0.54453 | 428 | 42228 | 1719 | 358 | 0 |
| Distributed Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.92914 | 0.59542 | 468 | 40833 | 3114 | 318 | 0 |
| Distributed Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.95934 | 0.57252 | 450 | 42160 | 1787 | 336 | 0 |
| Distributed Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.96423 | 0.52926 | 416 | 42375 | 1572 | 370 | 0 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 1 | NaN | 0 | 538 | 0 | 0 | 44195 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 1 | 0 | 0 | 43947 | 0 | 786 | 0 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.99474 | 0 | 0 | 1324 | 7 | 22 | 43380 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.97922 | 0.092875 | 73 | 43034 | 913 | 713 | 0 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 70 | 1 | 0.10724 | 83 | 43935 | 0 | 691 | 24 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.9997 | 0.22646 | 178 | 43934 | 13 | 608 | 0 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0 | 0.97964 | 770 | 0 | 43947 | 16 | 0 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 70 | 1 | 0 | 0 | 43947 | 0 | 786 | 0 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.99841 | 0.076227 | 59 | 43877 | 70 | 715 | 12 |
| Distributed Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.99427 | 0.27226 | 214 | 43695 | 252 | 572 | 0 |
| Distributed Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.98723 | 0.36387 | 286 | 43386 | 561 | 500 | 0 |
| Distributed Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.98657 | 0.34733 | 273 | 43357 | 590 | 513 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0 | 1 | 786 | 0 | 43947 | 0 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 1 | 0 | 0 | 43947 | 0 | 786 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0.99907 | 0.11069 | 87 | 43906 | 41 | 699 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99395 | 0.42621 | 335 | 43681 | 266 | 451 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99502 | 0.41094 | 323 | 43728 | 219 | 463 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99597 | 0.41476 | 326 | 43770 | 177 | 460 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 70 | 1 | 0 | 0 | 43947 | 0 | 786 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.98029 | 0.46183 | 363 | 43081 | 866 | 423 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.98862 | 0.47074 | 370 | 43447 | 500 | 416 | 0 |
| Distributed Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.97037 | 0.43257 | 340 | 42645 | 1302 | 446 | 0 |
| Distributed Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.96325 | 0.46692 | 367 | 42332 | 1615 | 419 | 0 |
| Distributed Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.98512 | 0.50382 | 396 | 43293 | 654 | 390 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0 | 1 | 786 | 0 | 43947 | 0 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0 | 1 | 786 | 0 | 43947 | 0 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 1 | 0 | 0 | 43947 | 0 | 786 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.9967 | 0.4173 | 328 | 43802 | 145 | 458 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99128 | 0.43511 | 342 | 43564 | 383 | 444 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99511 | 0.42494 | 334 | 43732 | 215 | 452 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.91528 | 0.60051 | 472 | 40224 | 3723 | 314 | 0 |

Group Classification

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|---------------------|----|----------|-----|-----------|---------|-----------|----|---------|----------|-----|-------|-------|-----|-------|
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.95404 | 0.58524 | 460 | 41927 | 2020 | 326 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.97461 | 0.57125 | 449 | 42831 | 1116 | 337 | 0 |
| FF Input Time Delay | 3 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.91642 | 0.5916 | 465 | 40274 | 3673 | 321 | 0 |
| FF Input Time Delay | 5 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.93176 | 0.59542 | 468 | 40948 | 2999 | 318 | 0 |
| FF Input Time Delay | 29 | traingd | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.97128 | 0.58015 | 456 | 42685 | 1262 | 330 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0 | 1 | 786 | 0 | 43947 | 0 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 1 | 0 | 0 | 43947 | 0 | 786 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 1 | 0 | 0 | 43947 | 0 | 786 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99069 | 0.32443 | 255 | 43538 | 409 | 531 | 0 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99679 | 0.23537 | 185 | 43806 | 141 | 601 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99185 | 0.33842 | 266 | 43589 | 358 | 520 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.99995 | 0.075255 | 59 | 43945 | 2 | 725 | 2 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 70 | 1 | NaN | 0 | 10 | 0 | 0 | 44723 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.97715 | 0.4173 | 328 | 42943 | 1004 | 458 | 0 |
| FF Input Time Delay | 3 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 70 | 1 | 0 | 0 | 361 | 0 | 10 | 44362 |
| FF Input Time Delay | 5 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.9856 | 0.31425 | 247 | 43314 | 633 | 539 | 0 |
| FF Input Time Delay | 29 | trainrp | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0 | 1 | 786 | 0 | 43947 | 0 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 1 | 0 | 0 | 43947 | 0 | 786 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 1 | 0 | 0 | 43947 | 0 | 786 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | hardlim | 63502.mat | 70 | 0 | 1 | 786 | 0 | 43947 | 0 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99549 | 0.40712 | 320 | 43749 | 198 | 466 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99404 | 0.42494 | 334 | 43685 | 262 | 452 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | purelin | 63502.mat | 70 | 0.99561 | 0.42748 | 336 | 43754 | 193 | 450 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.96776 | 0.44656 | 351 | 42530 | 1417 | 435 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.98291 | 0.43893 | 345 | 43196 | 751 | 441 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | logsig | 63502.mat | 70 | 0.98601 | 0.45674 | 359 | 43332 | 615 | 427 | 0 |
| FF Input Time Delay | 3 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.98746 | 0.43766 | 344 | 43396 | 551 | 442 | 0 |
| FF Input Time Delay | 5 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.98469 | 0.44402 | 349 | 43274 | 673 | 437 | 0 |
| FF Input Time Delay | 29 | trainscg | mse | 1.00E-006 | tansig | 63502.mat | 70 | 0.98896 | 0.47455 | 373 | 43462 | 485 | 413 | 0 |