<bound method NDFrame.head of mean\_fit\_time mean\_score\_time mean\_test\_score mean\_train\_score \

0 7.806750 0.013644 0.917559 0.917570

1 10.679940 0.014238 0.917670 0.917633

2 3.451915 0.014647 0.917607 0.917551

3 29.669026 0.037901 0.917508 0.917543

4 21.805359 0.033288 0.917660 0.917645

5 5.900283 0.032695 0.917456 0.917506

6 10.670361 0.013837 0.917542 0.917590

7 12.053037 0.016444 0.917564 0.917588

8 3.647094 0.016652 0.917553 0.917610

9 64.631991 0.068382 0.917516 0.917567

10 28.233244 0.057353 0.917586 0.917595

11 11.021896 0.056752 0.917513 0.917445

12 11.635126 0.015649 0.917465 0.917646

13 1.005272 0.016043 0.917733 0.917733

14 6.971671 0.016645 0.917605 0.917591

15 43.519675 0.060361 0.917593 0.917606

16 2.655859 0.057954 0.917733 0.917733

17 10.102251 0.061572 0.917604 0.917645

18 0.533819 0.018657 0.917733 0.917733

19 1.271380 0.021665 0.917733 0.917733

20 9.942627 0.022460 0.917604 0.917674

21 4.579774 0.107693 0.917733 0.917733

22 4.789731 0.103484 0.917733 0.917733

23 20.568470 0.104679 0.917304 0.917366

24 15.041982 0.019057 0.917583 0.917678

25 13.290326 0.018858 0.917704 0.917694

26 5.667664 0.018851 0.917517 0.917603

27 94.428284 0.089238 0.917548 0.917557

28 34.100239 0.066385 0.917662 0.917685

29 13.680161 0.068784 0.917643 0.917655

30 25.071039 0.028476 0.917530 0.917668

31 17.527588 0.023874 0.917587 0.917623

32 7.768448 0.024071 0.917559 0.917646

33 185.481542 0.152806 0.917411 0.917566

34 49.933302 0.108890 0.917585 0.917618

35 86.572710 0.131550 0.917090 0.918433

36 9.752322 0.013244 0.917683 0.917713

37 13.641459 0.015054 0.917723 0.917721

38 11.310263 0.084432 0.917575 0.917702

39 56.989395 0.042112 0.917635 0.917626

40 30.106022 0.039105 0.917706 0.917694

41 145.761193 1.087491 0.917126 0.918055

42 11.876367 0.016458 0.917750 0.917626

43 17.030066 0.017254 0.917647 0.917658

44 17.768428 0.117112 0.917432 0.917688

45 113.917160 0.069584 0.917587 0.917599

46 51.422481 0.068590 0.917708 0.917713

47 829.325280 1.554747 0.912450 0.921429

param\_activation param\_hidden\_layer\_sizes param\_solver \

0 identity 10 lbfgs

1 identity 10 sgd

2 identity 10 adam

3 identity 100 lbfgs

4 identity 100 sgd

5 identity 100 adam

6 identity (10, 10) lbfgs

7 identity (10, 10) sgd

8 identity (10, 10) adam

9 identity (100, 100) lbfgs

10 identity (100, 100) sgd

11 identity (100, 100) adam

12 logistic 10 lbfgs

13 logistic 10 sgd

14 logistic 10 adam

15 logistic 100 lbfgs

16 logistic 100 sgd

17 logistic 100 adam

18 logistic (10, 10) lbfgs

19 logistic (10, 10) sgd

20 logistic (10, 10) adam

21 logistic (100, 100) lbfgs

22 logistic (100, 100) sgd

23 logistic (100, 100) adam

24 tanh 10 lbfgs

25 tanh 10 sgd

26 tanh 10 adam

27 tanh 100 lbfgs

28 tanh 100 sgd

29 tanh 100 adam

30 tanh (10, 10) lbfgs

31 tanh (10, 10) sgd

32 tanh (10, 10) adam

33 tanh (100, 100) lbfgs

34 tanh (100, 100) sgd

35 tanh (100, 100) adam

36 relu 10 lbfgs

37 relu 10 sgd

38 relu 10 adam

39 relu 100 lbfgs

40 relu 100 sgd

41 relu 100 adam

42 relu (10, 10) lbfgs

43 relu (10, 10) sgd

44 relu (10, 10) adam

45 relu (100, 100) lbfgs

46 relu (100, 100) sgd

47 relu (100, 100) adam

params rank\_test\_score \

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12 {'activation': 'logistic', 'hidden\_layer\_sizes... 41

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14 {'activation': 'logistic', 'hidden\_layer\_sizes... 20

15 {'activation': 'logistic', 'hidden\_layer\_sizes... 23

16 {'activation': 'logistic', 'hidden\_layer\_sizes... 2

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19 {'activation': 'logistic', 'hidden\_layer\_sizes... 2

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25 {'activation': 'tanh', 'hidden\_layer\_sizes': 1... 11

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split0\_test\_score ... split2\_test\_score split2\_train\_score \

0 0.917441 ... 0.917545 0.917596

1 0.917589 ... 0.917623 0.917672

2 0.917566 ... 0.917586 0.917667

3 0.917407 ... 0.917365 0.917564

4 0.917630 ... 0.917523 0.917631

5 0.917339 ... 0.917220 0.917426

6 0.917404 ... 0.917417 0.917674

7 0.917424 ... 0.917427 0.917629

8 0.917633 ... 0.917250 0.917561

9 0.917303 ... 0.917497 0.917631

10 0.917586 ... 0.917503 0.917615

11 0.917609 ... 0.917102 0.917090

12 0.917654 ... 0.917343 0.917523

13 0.917733 ... 0.917733 0.917732

14 0.917560 ... 0.917540 0.917643

15 0.917453 ... 0.917466 0.917655

16 0.917733 ... 0.917733 0.917732

17 0.917543 ... 0.917449 0.917670

18 0.917733 ... 0.917733 0.917732

19 0.917733 ... 0.917733 0.917732

20 0.917542 ... 0.917443 0.917653

21 0.917733 ... 0.917733 0.917732

22 0.917733 ... 0.917733 0.917732

23 0.916576 ... 0.917501 0.917599

24 0.917536 ... 0.917556 0.917719

25 0.917673 ... 0.917710 0.917707

26 0.917468 ... 0.917294 0.917613

27 0.917587 ... 0.917552 0.917646

28 0.917630 ... 0.917600 0.917691

29 0.917554 ... 0.917733 0.917641

30 0.917662 ... 0.917661 0.917743

31 0.917508 ... 0.917631 0.917654

32 0.917091 ... 0.917791 0.917738

33 0.917711 ... 0.917264 0.917650

34 0.917480 ... 0.917500 0.917677

35 0.916424 ... 0.917084 0.918150

36 0.917615 ... 0.917862 0.917645

37 0.917733 ... 0.917733 0.917727

38 0.917667 ... 0.917812 0.917777

39 0.917534 ... 0.917692 0.917649

40 0.917713 ... 0.917667 0.917668

41 0.915762 ... 0.917735 0.917800

42 0.917833 ... 0.917817 0.917536

43 0.917550 ... 0.917568 0.917602

44 0.917736 ... 0.917691 0.917750

45 0.917452 ... 0.917567 0.917687

46 0.917592 ... 0.917653 0.917706

47 0.911915 ... 0.910407 0.922090

split3\_test\_score split3\_train\_score split4\_test\_score \

0 0.917636 0.917586 0.917689

1 0.917775 0.917605 0.917682

2 0.917645 0.917527 0.917646

3 0.917489 0.917522 0.917695

4 0.917730 0.917666 0.917704

5 0.917672 0.917554 0.917525

6 0.917667 0.917611 0.917667

7 0.917763 0.917608 0.917511

8 0.917545 0.917546 0.917690

9 0.917601 0.917535 0.917641

10 0.917704 0.917606 0.917489

11 0.917622 0.917542 0.917661

12 0.917509 0.917554 0.917512

13 0.917733 0.917732 0.917730

14 0.917732 0.917607 0.917635

15 0.917791 0.917595 0.917661

16 0.917733 0.917732 0.917730

17 0.917721 0.917647 0.917670

18 0.917733 0.917732 0.917730

19 0.917733 0.917732 0.917730

20 0.917723 0.917636 0.917807

21 0.917733 0.917732 0.917730

22 0.917733 0.917732 0.917730

23 0.917591 0.917482 0.917822

24 0.917735 0.917536 0.917617

25 0.917713 0.917699 0.917664

26 0.917595 0.917646 0.917692

27 0.917541 0.917443 0.917752

28 0.917750 0.917712 0.917631

29 0.917690 0.917621 0.917636

30 0.917398 0.917374 0.917619

31 0.917667 0.917661 0.917634

32 0.917749 0.917776 0.917652

33 0.917330 0.917423 0.917516

34 0.917726 0.917598 0.917528

35 0.917903 0.918386 0.916681

36 0.917594 0.917725 0.917687

37 0.917733 0.917732 0.917727

38 0.917917 0.917776 0.917723

39 0.917680 0.917584 0.917698

40 0.917767 0.917694 0.917644

41 0.917790 0.918026 0.917273

42 0.917733 0.917732 0.917785

43 0.917767 0.917667 0.917687

44 0.917401 0.917590 0.917073

45 0.917803 0.917600 0.917576

46 0.917815 0.917731 0.917772

47 0.917127 0.919772 0.913109

split4\_train\_score std\_fit\_time std\_score\_time std\_test\_score \

0 0.917485 0.564005 0.002076 0.000092

1 0.917591 0.959685 0.001474 0.000063

2 0.917480 0.773339 0.001033 0.000033

3 0.917517 2.643848 0.002720 0.000120

4 0.917659 2.018690 0.003554 0.000077

5 0.917556 1.183596 0.000806 0.000158

6 0.917543 1.247893 0.000401 0.000115

7 0.917518 1.131921 0.001360 0.000140

8 0.917642 0.849845 0.001865 0.000159

9 0.917505 11.648660 0.004365 0.000117

10 0.917505 1.662027 0.005615 0.000083

11 0.917531 1.716741 0.005935 0.000208

12 0.917565 0.192757 0.001959 0.000126

13 0.917733 0.012008 0.000634 0.000001

14 0.917562 0.644788 0.001500 0.000071

15 0.917677 11.391156 0.002720 0.000126

16 0.917733 0.021722 0.003826 0.000001

17 0.917659 0.886167 0.007447 0.000097

18 0.917733 0.045960 0.001502 0.000001

19 0.917733 0.015311 0.001362 0.000001

20 0.917698 1.700213 0.001965 0.000138

21 0.917733 0.035786 0.001021 0.000001

22 0.917733 0.028445 0.008013 0.000001

23 0.917610 1.820275 0.005477 0.000446

24 0.917664 0.281117 0.001418 0.000089

25 0.917692 0.591009 0.001183 0.000034

26 0.917539 2.233149 0.000982 0.000133

27 0.917578 2.487678 0.009079 0.000143

28 0.917645 3.793001 0.004900 0.000055

29 0.917589 3.821987 0.002423 0.000063

30 0.917834 0.239248 0.004421 0.000147

31 0.917653 3.158715 0.003491 0.000071

32 0.917648 2.686001 0.001682 0.000253

33 0.917548 2.445371 0.010198 0.000179

34 0.917600 6.928511 0.003392 0.000103

35 0.919140 22.770153 0.004177 0.000519

36 0.917747 0.229392 0.001175 0.000095

37 0.917723 0.972496 0.001105 0.000018

38 0.917793 4.373500 0.068596 0.000418

39 0.917596 0.701213 0.002836 0.000069

40 0.917685 2.504212 0.001678 0.000045

41 0.918647 60.942850 0.099197 0.000734

42 0.917532 5.738145 0.001516 0.000090

43 0.917748 1.431718 0.000995 0.000080

44 0.917388 9.729362 0.031243 0.000253

45 0.917549 1.443823 0.003331 0.000117

46 0.917710 5.915990 0.005982 0.000080

47 0.922882 179.246768 0.081840 0.002622

std\_train\_score

0 4.260211e-05

1 3.374486e-05

2 6.613926e-05

3 2.849795e-05

4 1.538184e-05

5 5.197534e-05

6 4.983309e-05

7 4.323439e-05

8 4.723247e-05

9 4.472731e-05

10 4.675648e-05

11 1.793649e-04

12 1.210301e-04

13 3.056174e-07

14 3.861383e-05

15 6.011298e-05

16 3.056174e-07

17 2.591896e-05

18 3.056174e-07

19 3.056174e-07

20 2.528128e-05

21 3.056174e-07

22 3.056174e-07

23 2.948342e-04

24 1.028779e-04

25 8.662048e-06

26 6.107636e-05

27 6.831708e-05

28 2.196603e-05

29 5.107975e-05

30 1.615945e-04

31 4.717109e-05

32 2.140191e-04

33 9.075281e-05

34 3.783165e-05

35 3.716771e-04

36 3.546517e-05

37 1.649038e-05

38 1.372417e-04

39 5.131692e-05

40 1.851542e-05

41 3.396203e-04

42 8.340016e-05

43 5.592101e-05

44 1.787875e-04

45 5.113960e-05

46 9.929787e-06

47 1.346055e-03

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