

t-test 8 replicates q-value Confusion Table

	key	value
1	True positives	1723.0000
2	False negatives	913.0000
3	False positives	408.0000
4	True negatives	14479.0000
5	Condition positive	2636.0000
6	Condition negative	14887.0000
7	Predicted condition positive	2131.0000
8	Predicted condition negative	15392.0000
9	Total population	17523.0000
10	Accuracy	0.9246
11	Prevalence	0.1504
12	False positive rate	0.0274
13	True positive rate	0.6536
14	False negative rate	0.3464
15	True negative rate	0.9726
16	Positive Predictive Value	0.8085
17	Negative Predictive Value	0.9407

t-test 8 replicates

True positive rate

1.00

0.75

0.50

0.25

0.00

0.00

0.25

0.50

0.75

1.00

False positive rate

threshold

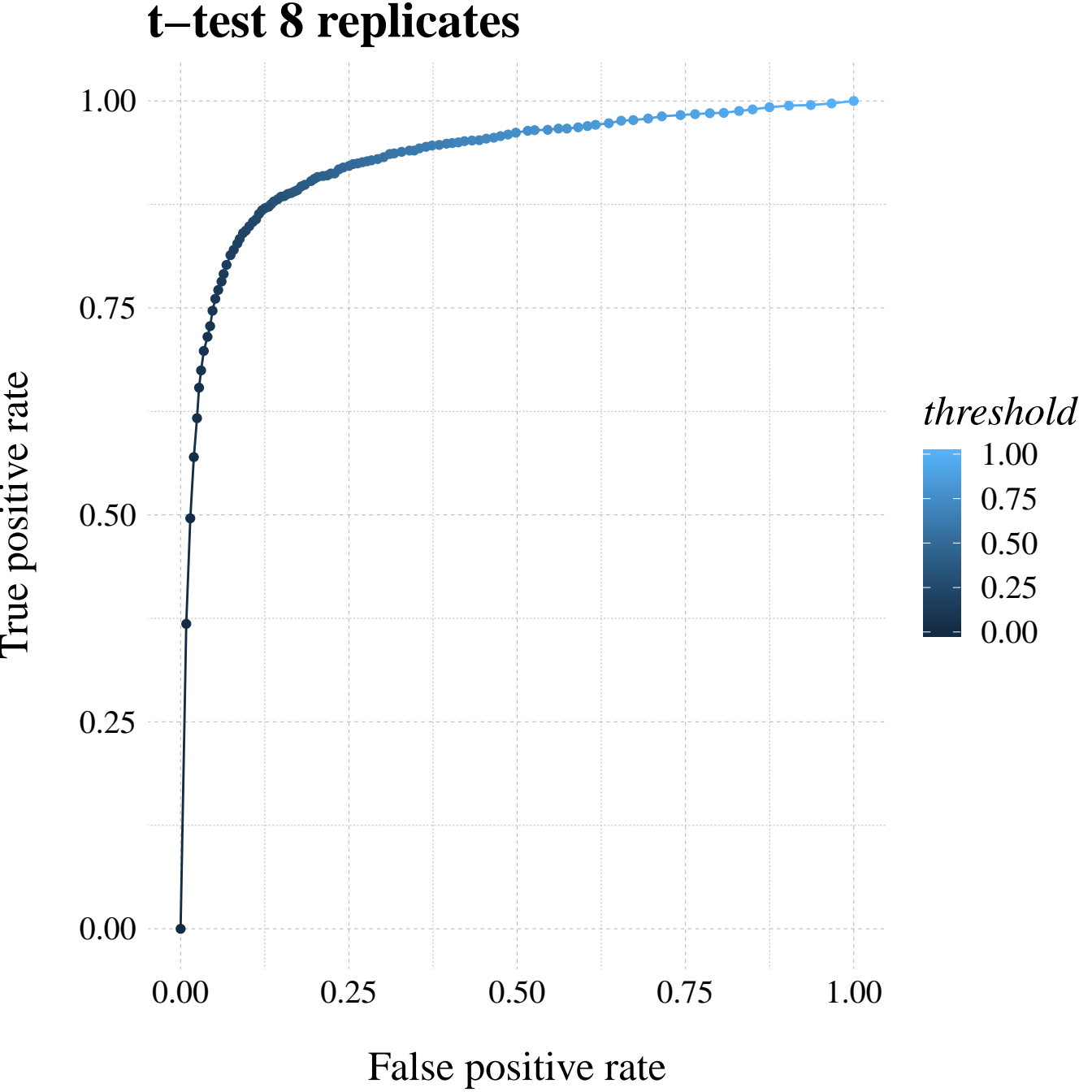
1.00

0.75

0.50

0.25

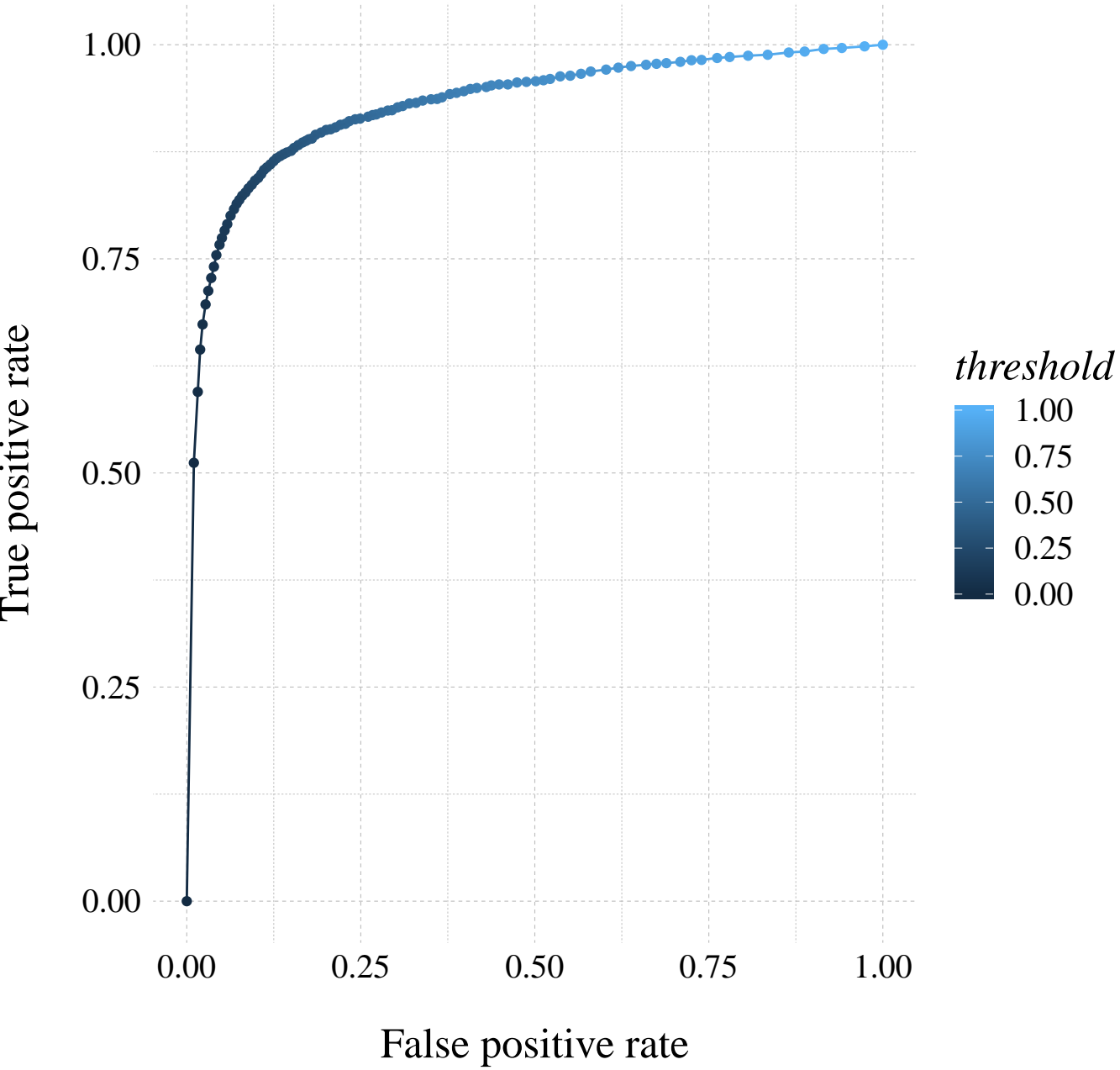
0.00



Limma 8 replicates q-value Confusion Table

	key	value
1	True positives	1850.0000
2	False negatives	805.0000
3	False positives	403.0000
4	True negatives	14513.0000
5	Condition positive	2655.0000
6	Condition negative	14916.0000
7	Predicted condition positive	2253.0000
8	Predicted condition negative	15318.0000
9	Total population	17571.0000
10	Accuracy	0.9313
11	Prevalence	0.1511
12	False positive rate	0.0270
13	True positive rate	0.6968
14	False negative rate	0.3032
15	True negative rate	0.9730
16	Positive Predictive Value	0.8211
17	Negative Predictive Value	0.9474

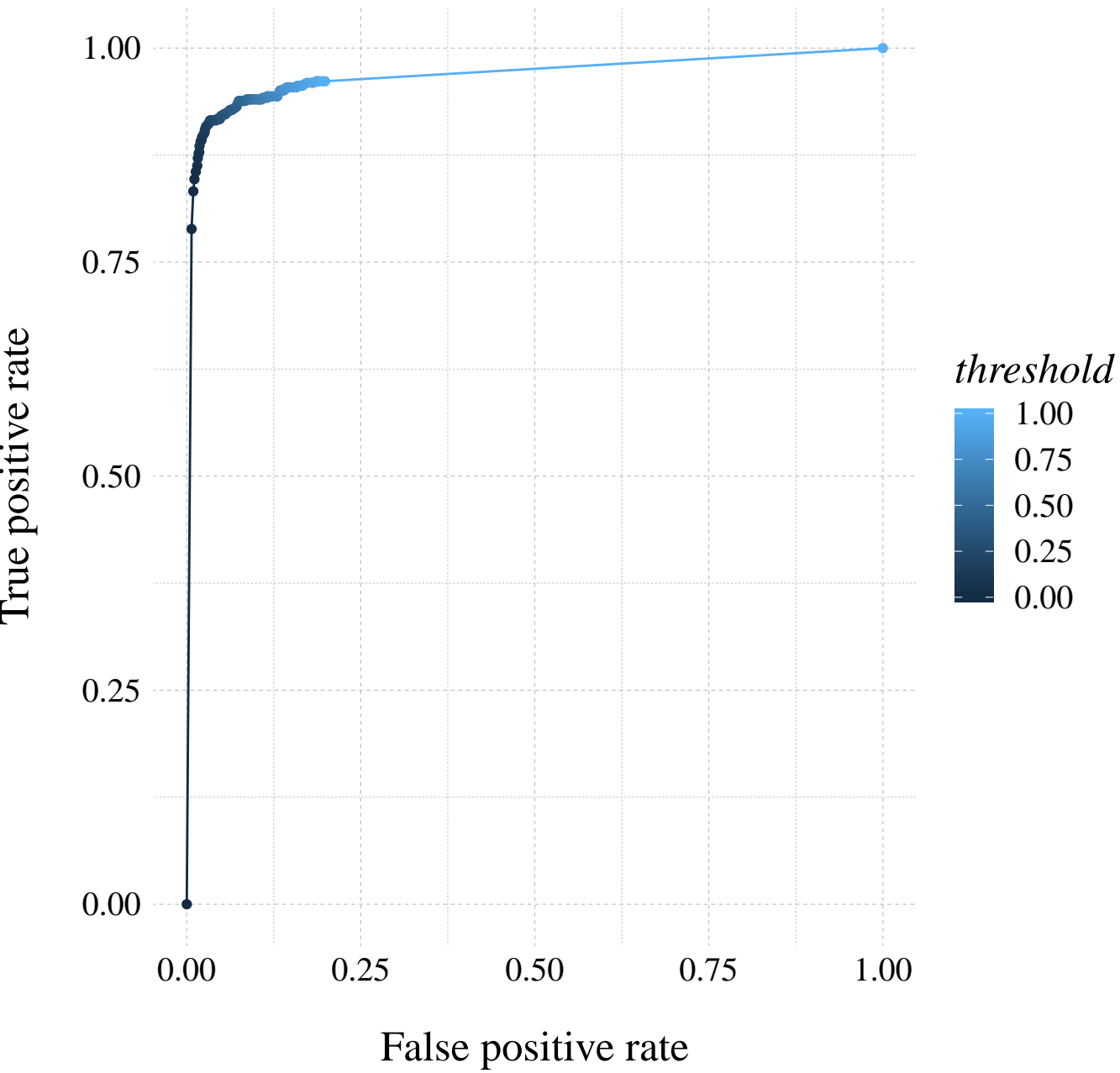
Limma 8 replicates

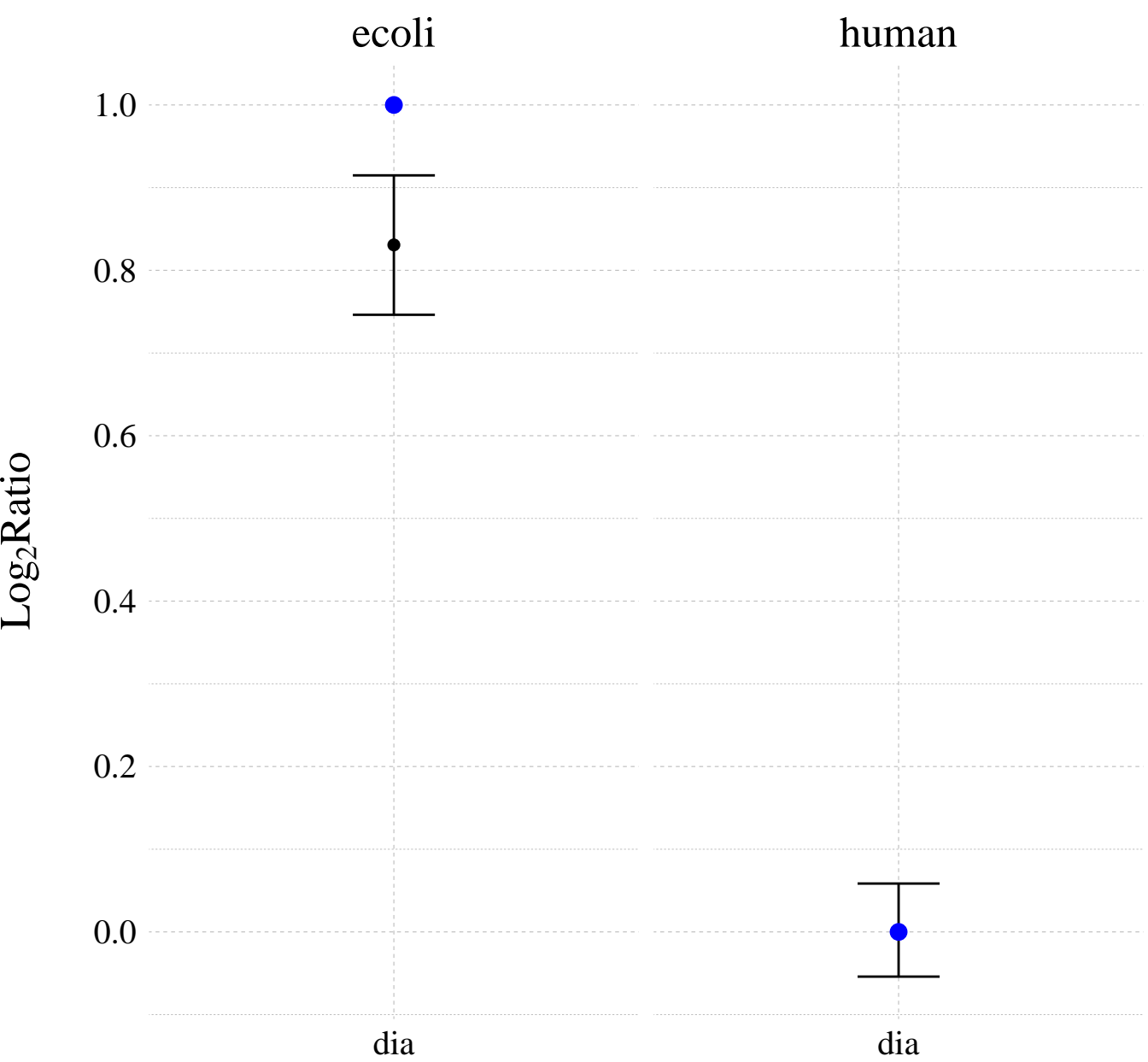


Ropeca 8 replicates q-value Confusion Table

	key	value
1	True positives	490.0000
2	False negatives	78.0000
3	False positives	37.0000
4	True negatives	2419.0000
5	Condition positive	568.0000
6	Condition negative	2456.0000
7	Predicted condition positive	527.0000
8	Predicted condition negative	2497.0000
9	Total population	3024.0000
10	Accuracy	0.9620
11	Prevalence	0.1878
12	False positive rate	0.0151
13	True positive rate	0.8627
14	False negative rate	0.1373
15	True negative rate	0.9849
16	Positive Predictive Value	0.9298
17	Negative Predictive Value	0.9688

Ropeco 8 replicates



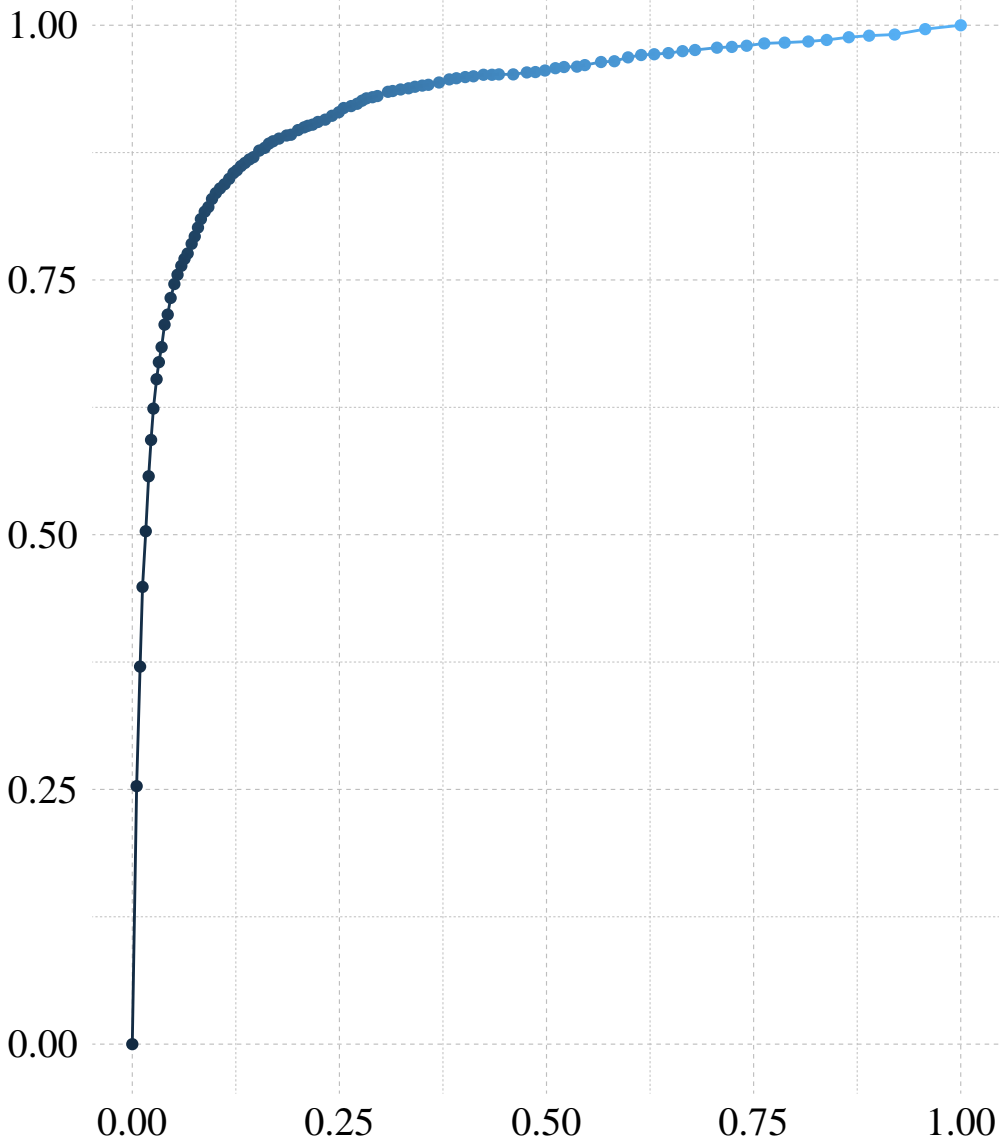


t-test 7 replicates q-value Confusion Table

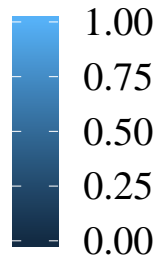
	key	value
1	True positives	1468.0000
2	False negatives	1166.0000
3	False positives	294.0000
4	True negatives	14575.0000
5	Condition positive	2634.0000
6	Condition negative	14869.0000
7	Predicted condition positive	1762.0000
8	Predicted condition negative	15741.0000
9	Total population	17503.0000
10	Accuracy	0.9166
11	Prevalence	0.1505
12	False positive rate	0.0198
13	True positive rate	0.5573
14	False negative rate	0.4427
15	True negative rate	0.9802
16	Positive Predictive Value	0.8331
17	Negative Predictive Value	0.9259

t-test 7 replicates

True positive rate



threshold



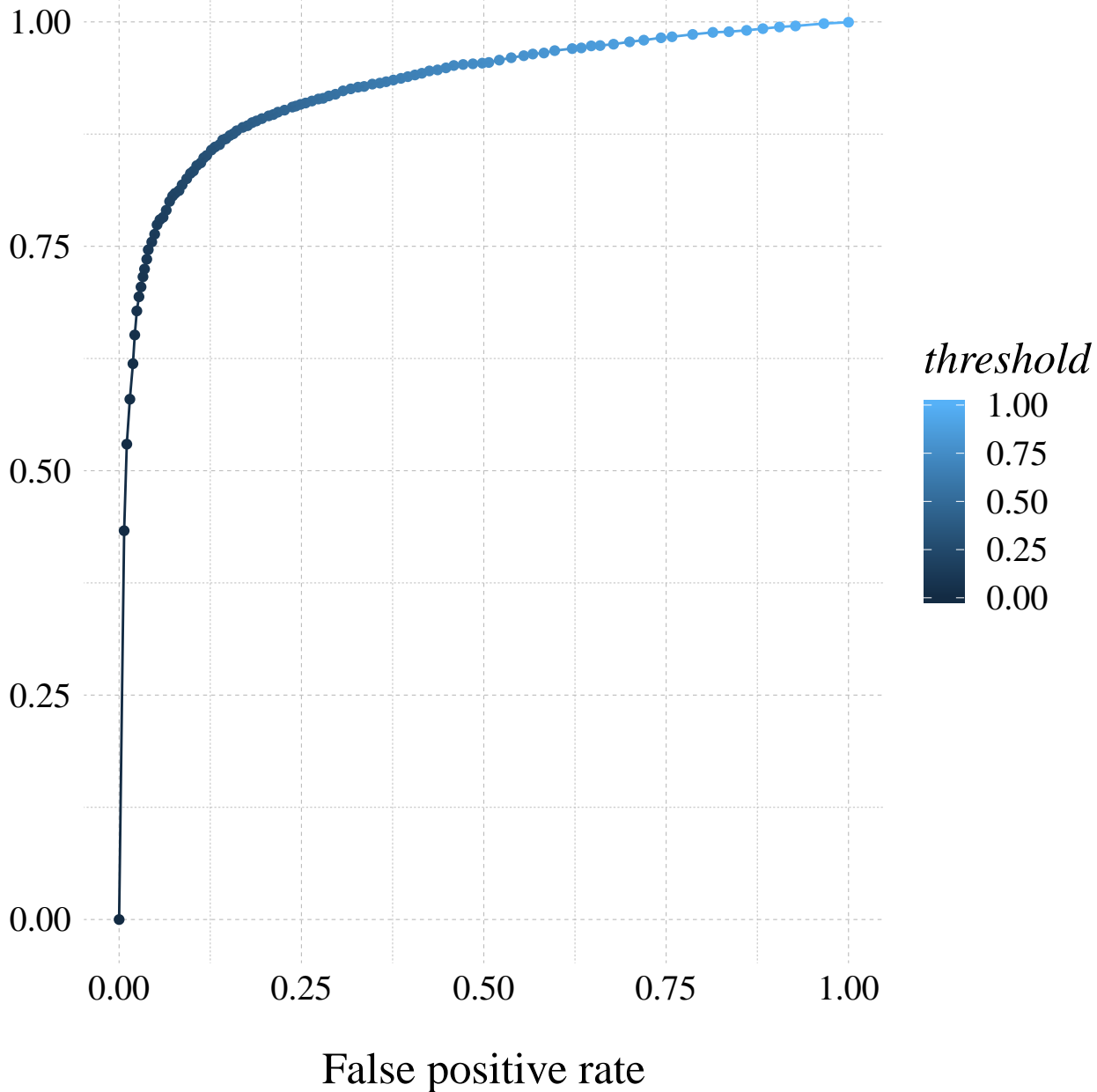
False positive rate

Limma 7 replicates q-value Confusion Table

	key	value
1	True positives	1729.0000
2	False negatives	925.0000
3	False positives	320.0000
4	True negatives	14596.0000
5	Condition positive	2655.0000
6	Condition negative	14916.0000
7	Predicted condition positive	2049.0000
8	Predicted condition negative	15521.0000
9	Total population	17571.0000
10	Accuracy	0.9291
11	Prevalence	0.1511
12	False positive rate	0.0215
13	True positive rate	0.6512
14	False negative rate	0.3484
15	True negative rate	0.9785
16	Positive Predictive Value	0.8438
17	Negative Predictive Value	0.9404

Limma 7 replicates

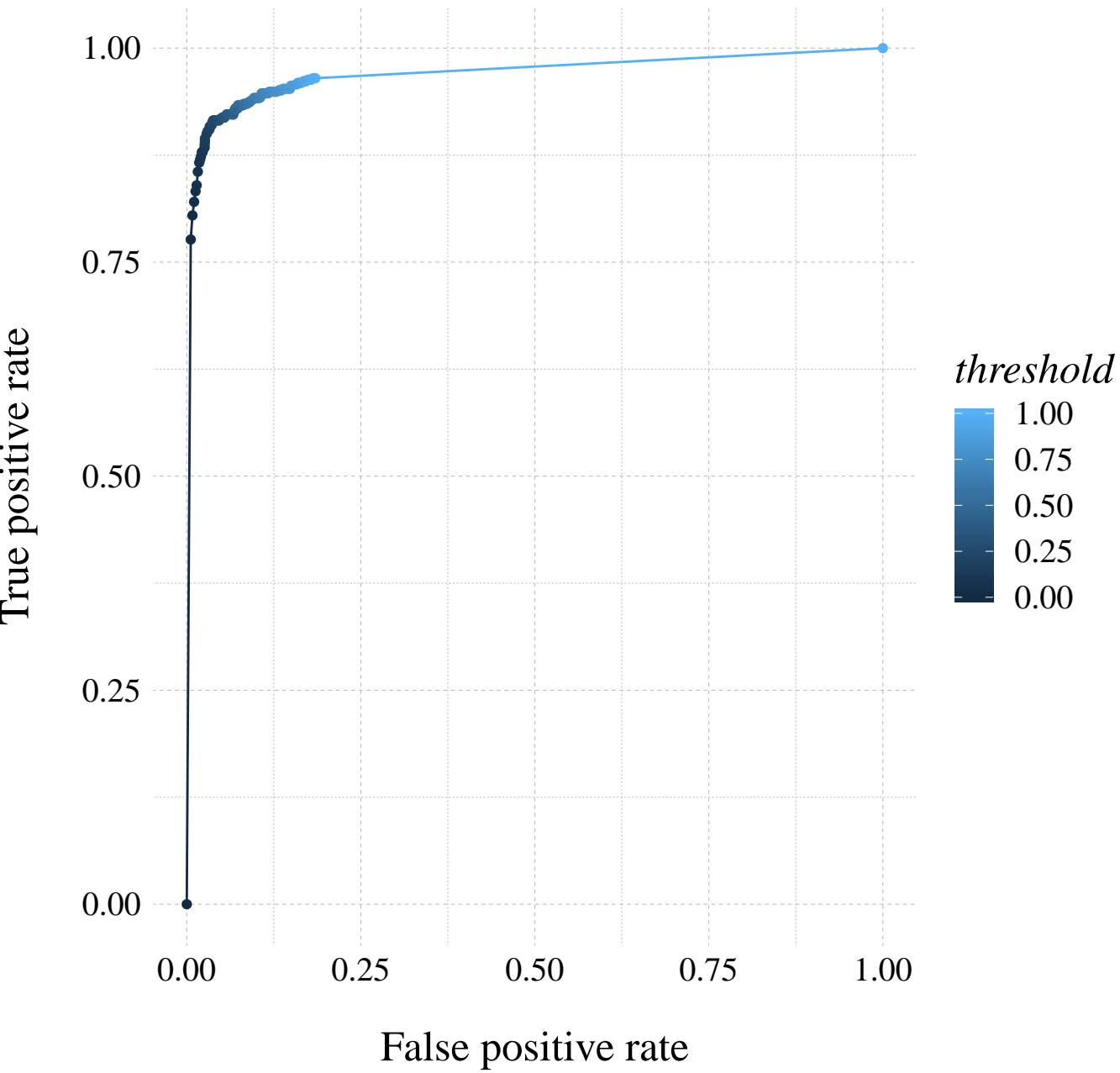
True positive rate

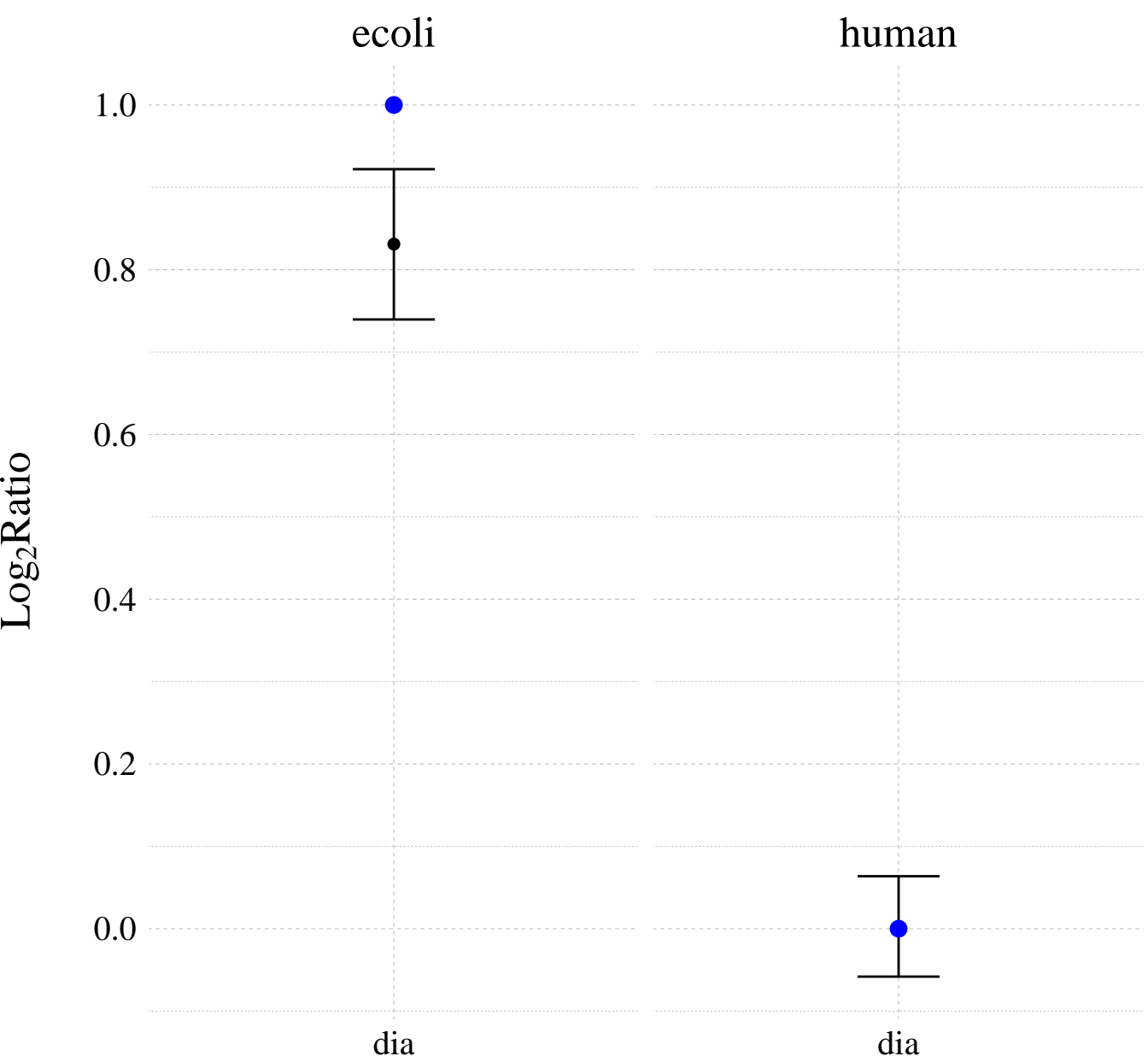


Ropeca 7 replicates q-value Confusion Table

	key	value
1	True positives	477.0000
2	False negatives	91.0000
3	False positives	35.0000
4	True negatives	2421.0000
5	Condition positive	568.0000
6	Condition negative	2456.0000
7	Predicted condition positive	512.0000
8	Predicted condition negative	2512.0000
9	Total population	3024.0000
10	Accuracy	0.9583
11	Prevalence	0.1878
12	False positive rate	0.0143
13	True positive rate	0.8398
14	False negative rate	0.1602
15	True negative rate	0.9857
16	Positive Predictive Value	0.9316
17	Negative Predictive Value	0.9638

Ropeca 7 replicates





t-test 6 replicates q-value Confusion Table

	key	value
1	True positives	982.0000
2	False negatives	1641.0000
3	False positives	167.0000
4	True negatives	14673.0000
5	Condition positive	2623.0000
6	Condition negative	14840.0000
7	Predicted condition positive	1149.0000
8	Predicted condition negative	16314.0000
9	Total population	17463.0000
10	Accuracy	0.8965
11	Prevalence	0.1502
12	False positive rate	0.0113
13	True positive rate	0.3744
14	False negative rate	0.6256
15	True negative rate	0.9887
16	Positive Predictive Value	0.8547
17	Negative Predictive Value	0.8994

t-test 6 replicates

True positive rate

1.00

0.75

0.50

0.25

0.00

0.00

0.25

0.50

0.75

1.00

False positive rate

threshold

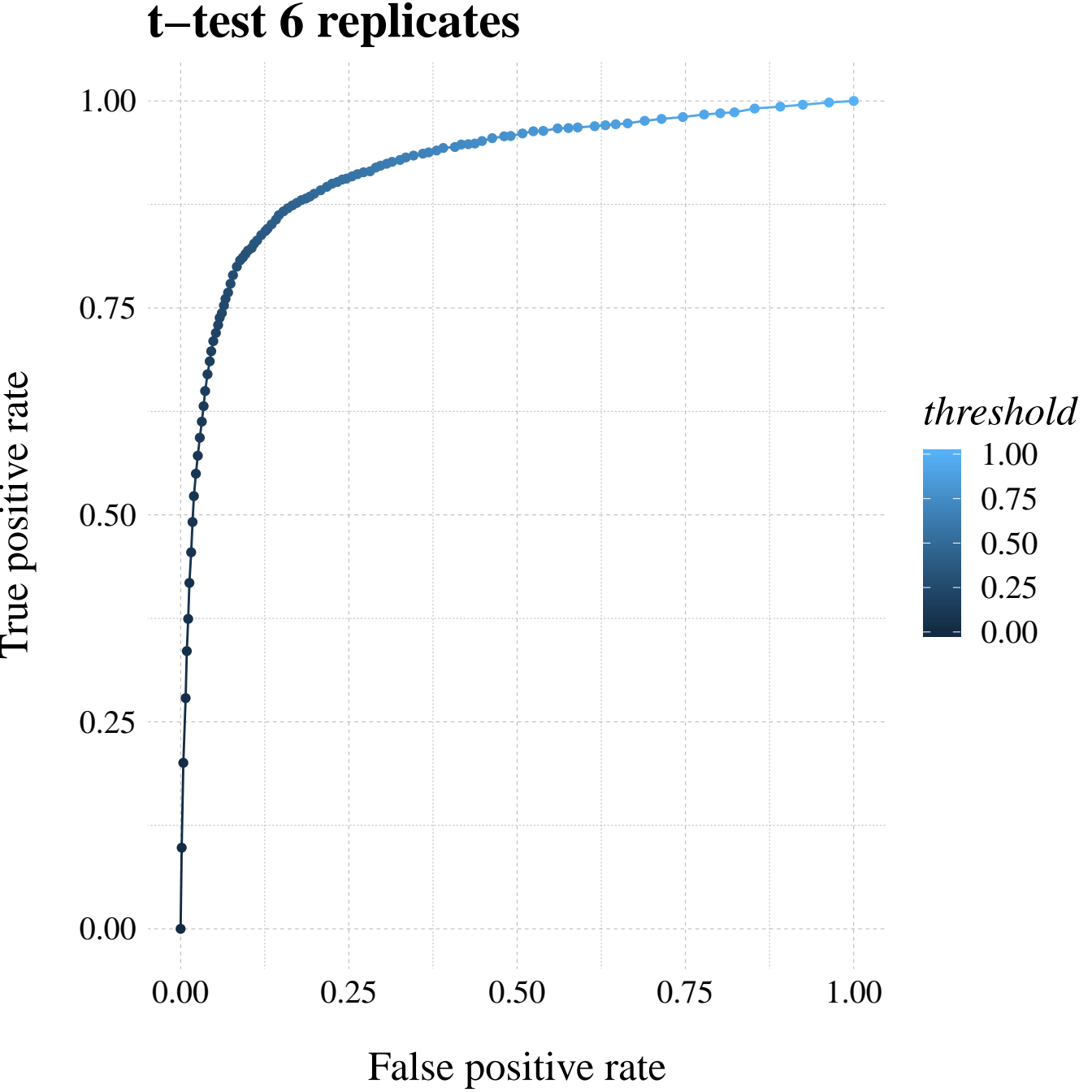
1.00

0.75

0.50

0.25

0.00

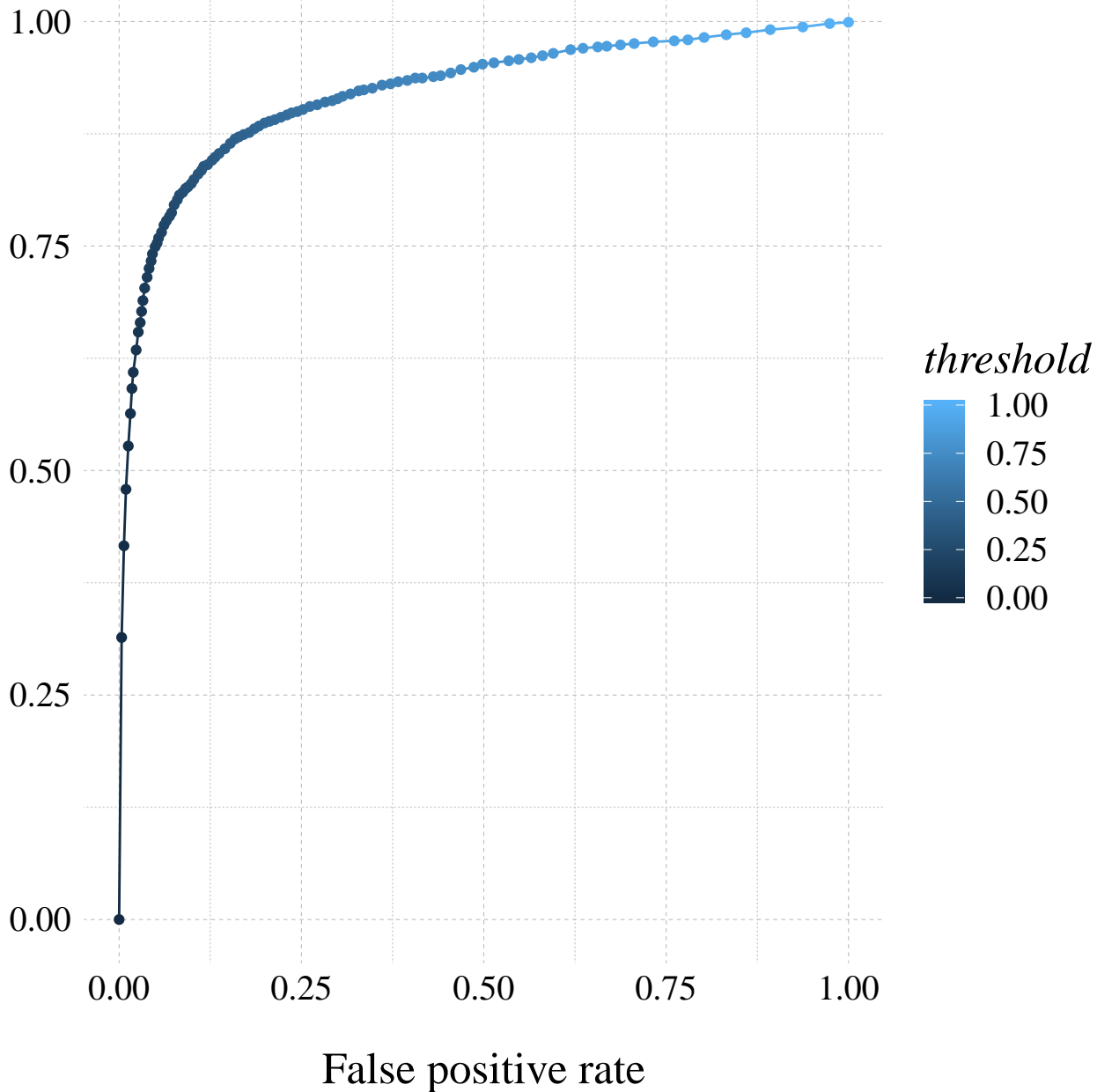


Limma 6 replicates q-value Confusion Table

	key	value
1	True positives	1496.0000
2	False negatives	1157.0000
3	False positives	232.0000
4	True negatives	14684.0000
5	Condition positive	2655.0000
6	Condition negative	14916.0000
7	Predicted condition positive	1728.0000
8	Predicted condition negative	15841.0000
9	Total population	17571.0000
10	Accuracy	0.9208
11	Prevalence	0.1511
12	False positive rate	0.0156
13	True positive rate	0.5635
14	False negative rate	0.4358
15	True negative rate	0.9844
16	Positive Predictive Value	0.8657
17	Negative Predictive Value	0.9270

Limma 6 replicates

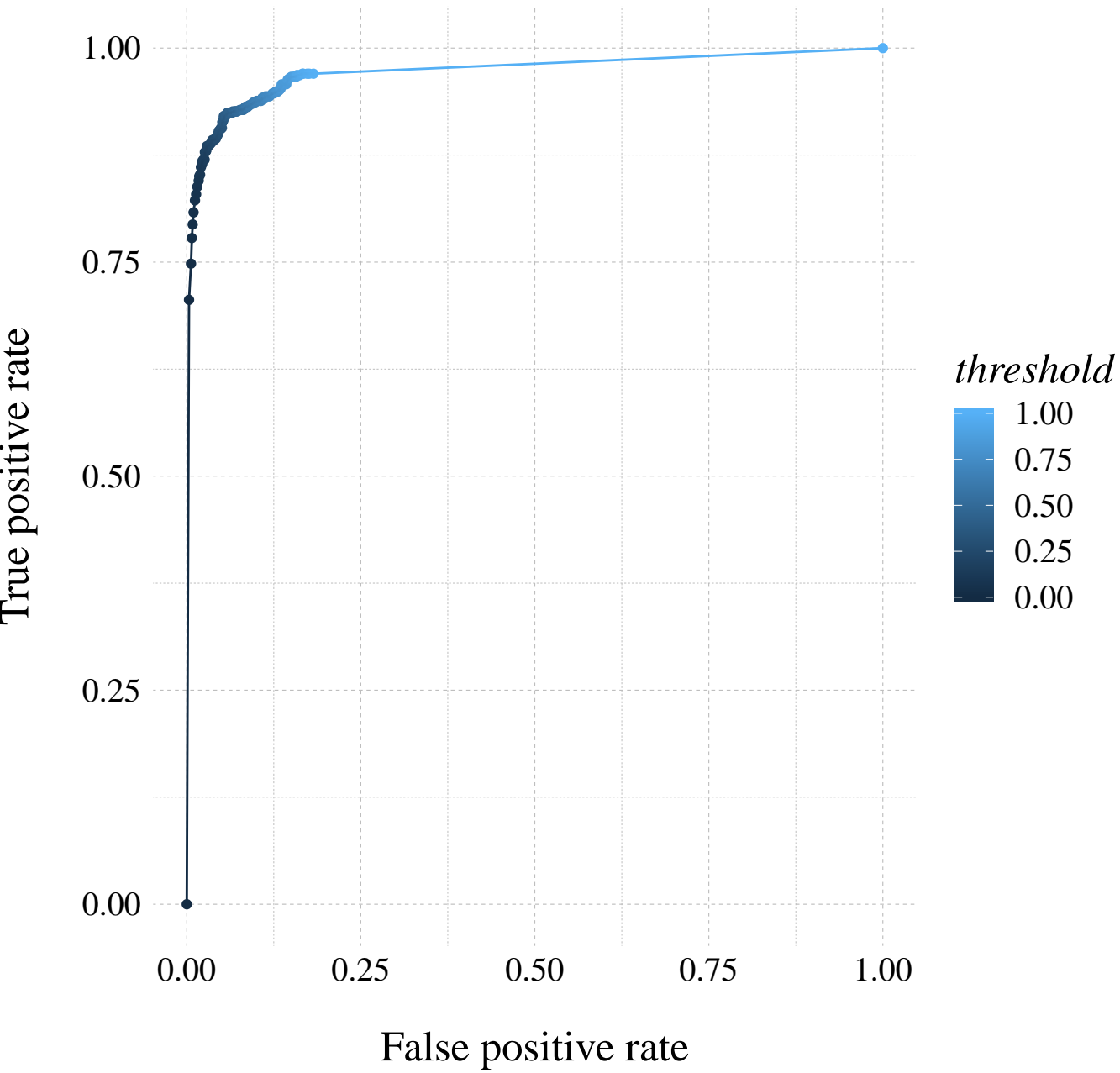
True positive rate

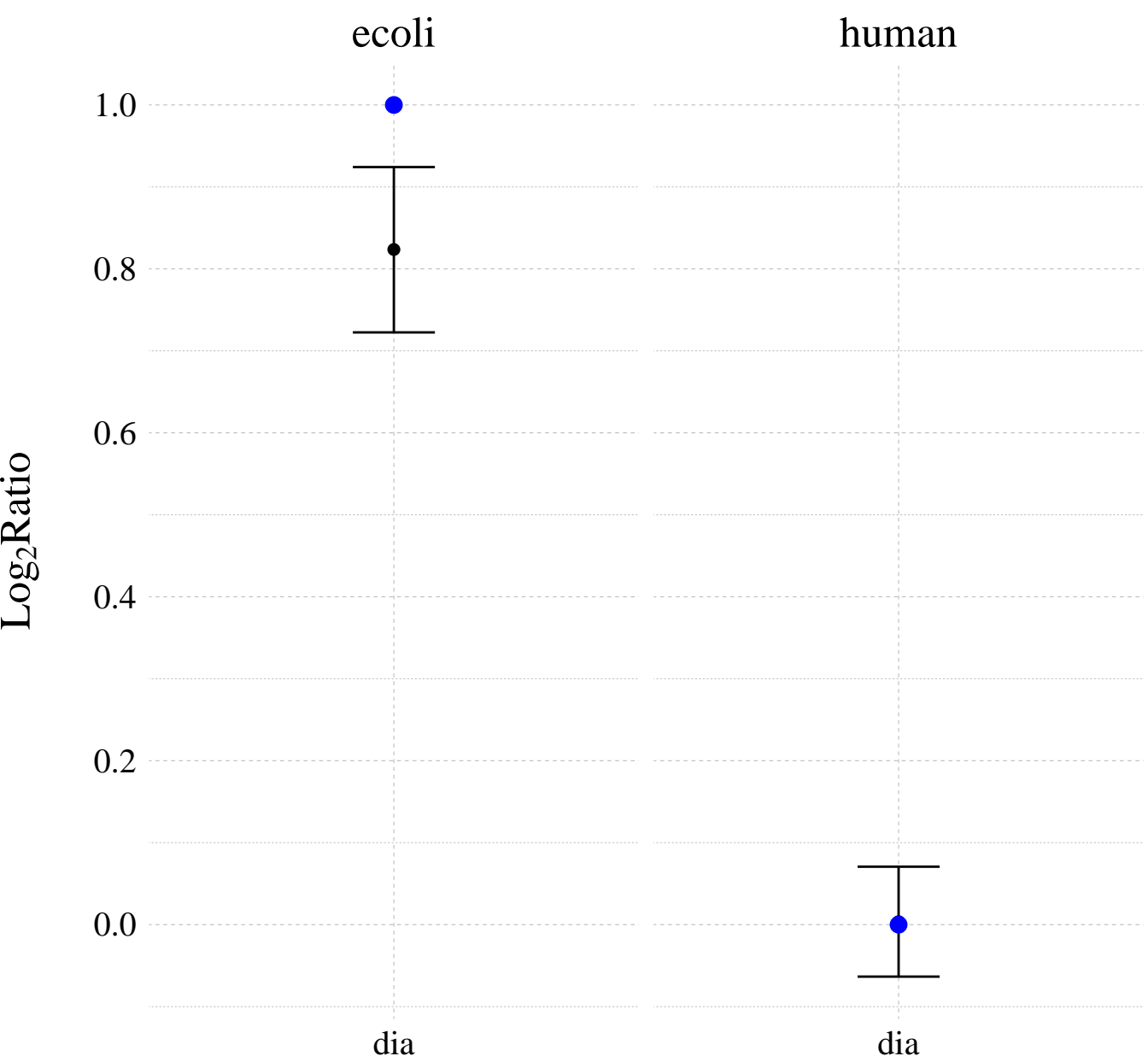


Ropeca 6 replicates q-value Confusion Table

	key	value
1	True positives	459.0000
2	False negatives	109.0000
3	False positives	24.0000
4	True negatives	2432.0000
5	Condition positive	568.0000
6	Condition negative	2456.0000
7	Predicted condition positive	483.0000
8	Predicted condition negative	2541.0000
9	Total population	3024.0000
10	Accuracy	0.9560
11	Prevalence	0.1878
12	False positive rate	0.0098
13	True positive rate	0.8081
14	False negative rate	0.1919
15	True negative rate	0.9902
16	Positive Predictive Value	0.9503
17	Negative Predictive Value	0.9571

Ropecra 6 replicates





t-test 5 replicates q-value Confusion Table

	key	value
1	True positives	489.0000
2	False negatives	2108.0000
3	False positives	71.0000
4	True negatives	14721.0000
5	Condition positive	2597.0000
6	Condition negative	14792.0000
7	Predicted condition positive	560.0000
8	Predicted condition negative	16829.0000
9	Total population	17389.0000
10	Accuracy	0.8747
11	Prevalence	0.1493
12	False positive rate	0.0048
13	True positive rate	0.1883
14	False negative rate	0.8117
15	True negative rate	0.9952
16	Positive Predictive Value	0.8732
17	Negative Predictive Value	0.8747

t-test 5 replicates

True positive rate

1.00

0.75

0.50

0.25

0.00

0.00

0.25

0.50

0.75

1.00

False positive rate

threshold

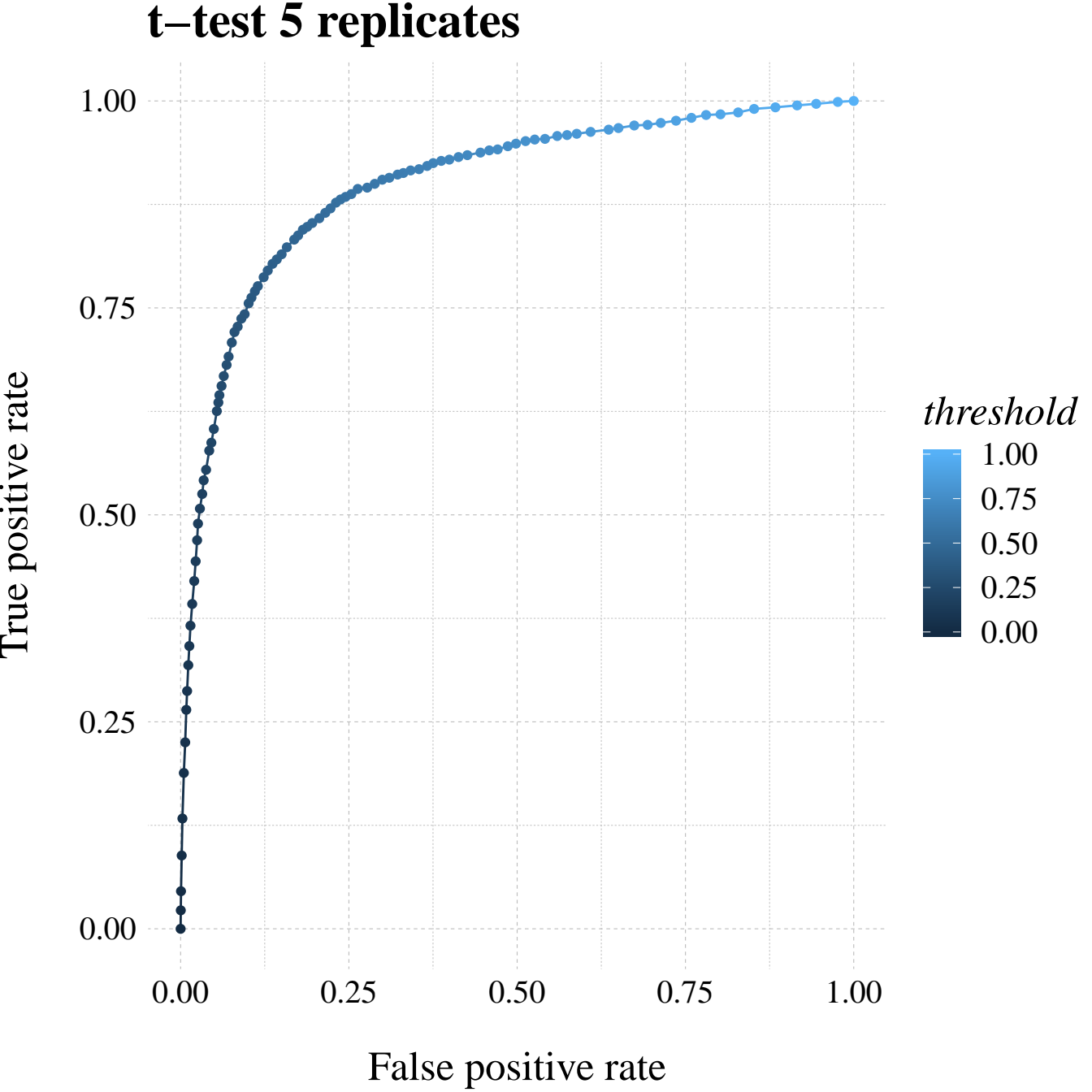
1.00

0.75

0.50

0.25

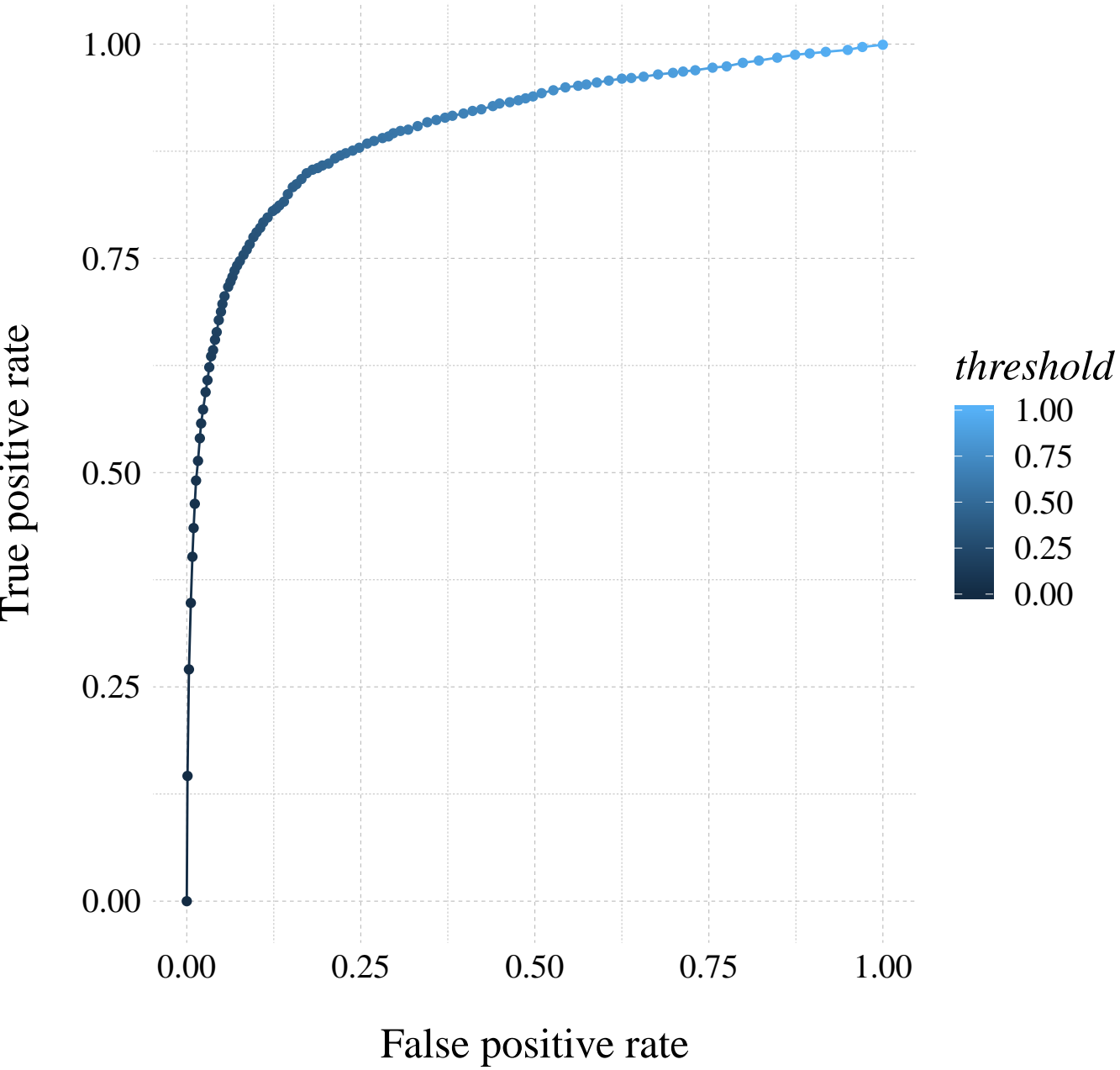
0.00



Limma 5 replicates q-value Confusion Table

	key	value
1	True positives	1156.0000
2	False negatives	1497.0000
3	False positives	147.0000
4	True negatives	14768.0000
5	Condition positive	2655.0000
6	Condition negative	14916.0000
7	Predicted condition positive	1303.0000
8	Predicted condition negative	16265.0000
9	Total population	17571.0000
10	Accuracy	0.9063
11	Prevalence	0.1511
12	False positive rate	0.0099
13	True positive rate	0.4354
14	False negative rate	0.5638
15	True negative rate	0.9901
16	Positive Predictive Value	0.8872
17	Negative Predictive Value	0.9080

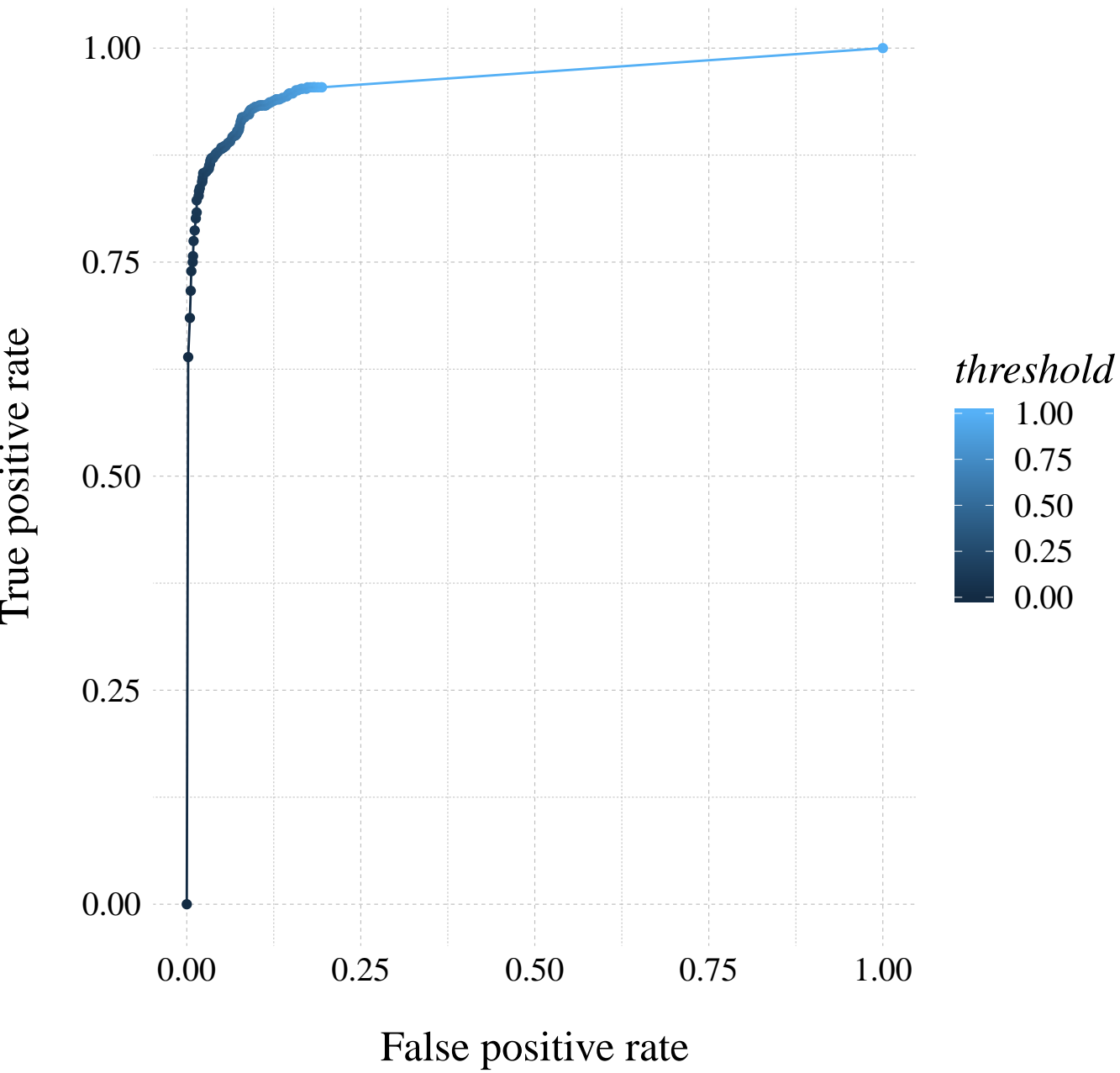
Limma 5 replicates

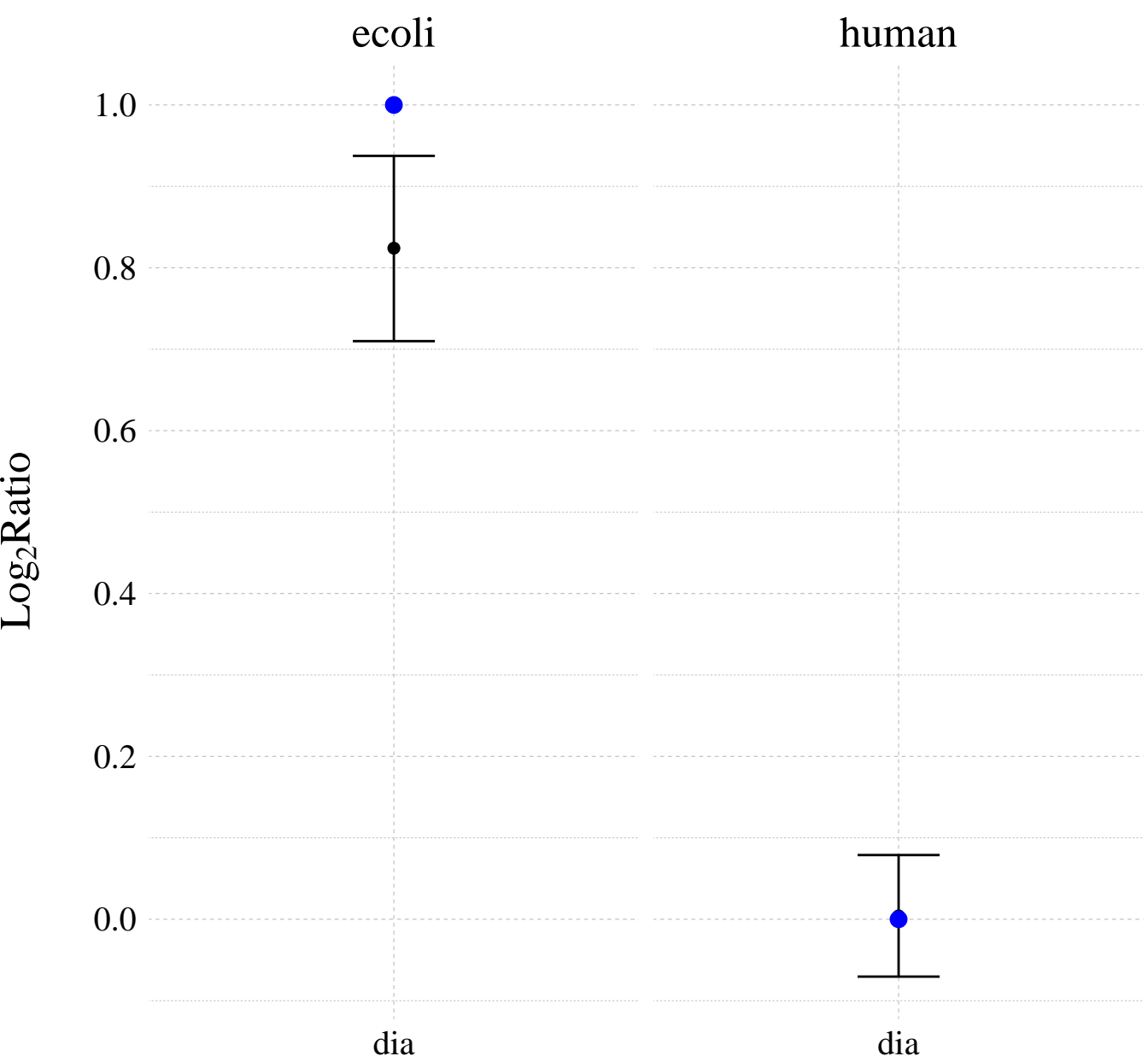


Ropeca 5 replicates q-value Confusion Table

	key	value
1	True positives	426.0000
2	False negatives	142.0000
3	False positives	21.0000
4	True negatives	2435.0000
5	Condition positive	568.0000
6	Condition negative	2456.0000
7	Predicted condition positive	447.0000
8	Predicted condition negative	2577.0000
9	Total population	3024.0000
10	Accuracy	0.9461
11	Prevalence	0.1878
12	False positive rate	0.0086
13	True positive rate	0.7500
14	False negative rate	0.2500
15	True negative rate	0.9914
16	Positive Predictive Value	0.9530
17	Negative Predictive Value	0.9449

Ropecra 5 replicates





t-test 4 replicates q-value Confusion Table

	key	value
1	True positives	36.0000
2	False negatives	2497.0000
3	False positives	1.0000
4	True negatives	14627.0000
5	Condition positive	2533.0000
6	Condition negative	14628.0000
7	Predicted condition positive	37.0000
8	Predicted condition negative	17124.0000
9	Total population	17161.0000
10	Accuracy	0.8544
11	Prevalence	0.1476
12	False positive rate	0.0001
13	True positive rate	0.0142
14	False negative rate	0.9858
15	True negative rate	0.9999
16	Positive Predictive Value	0.9730
17	Negative Predictive Value	0.8542

t-test 4 replicates

True positive rate

1.00

0.75

0.50

0.25

0.00

0.00

0.25

0.50

0.75

1.00

False positive rate

threshold

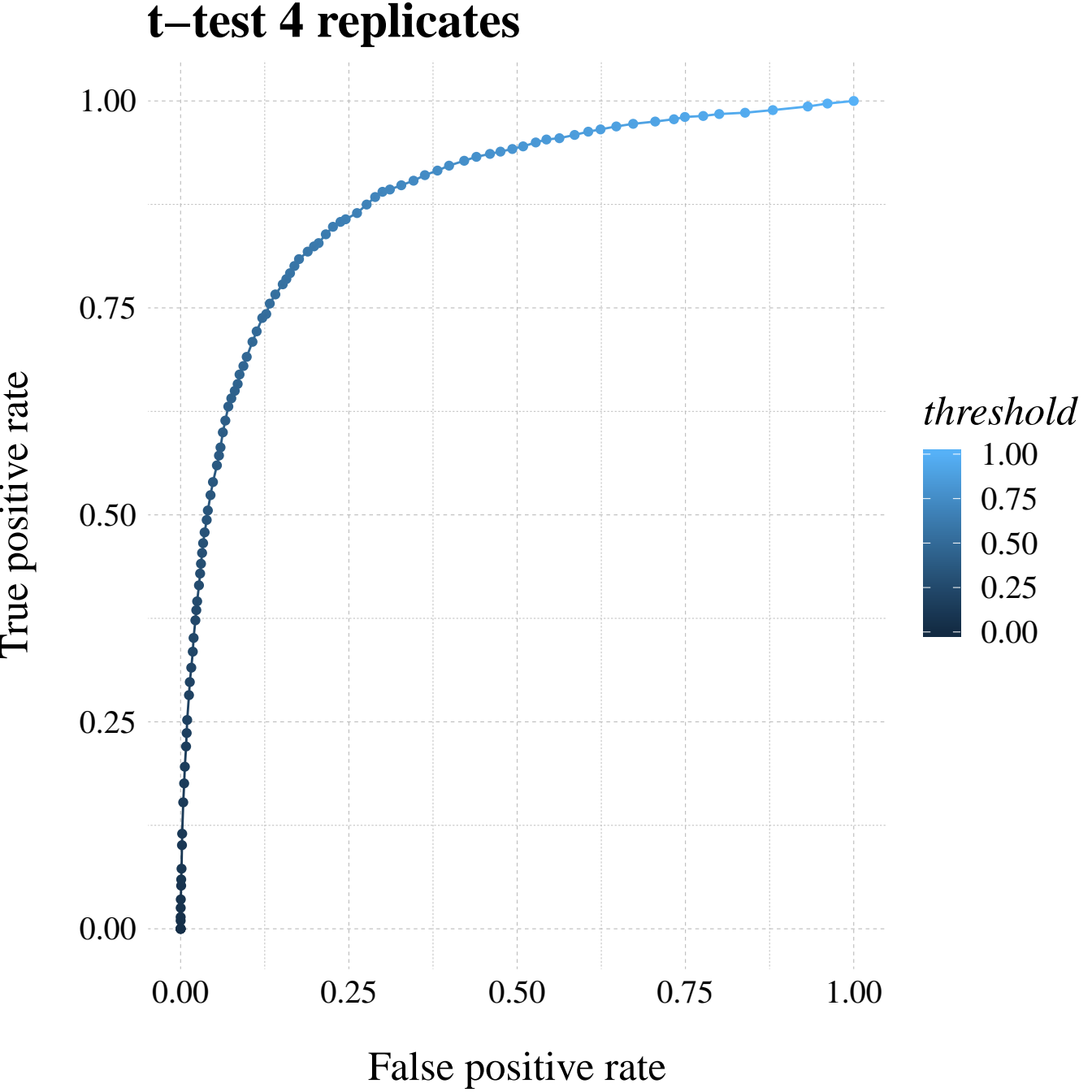
1.00

0.75

0.50

0.25

0.00

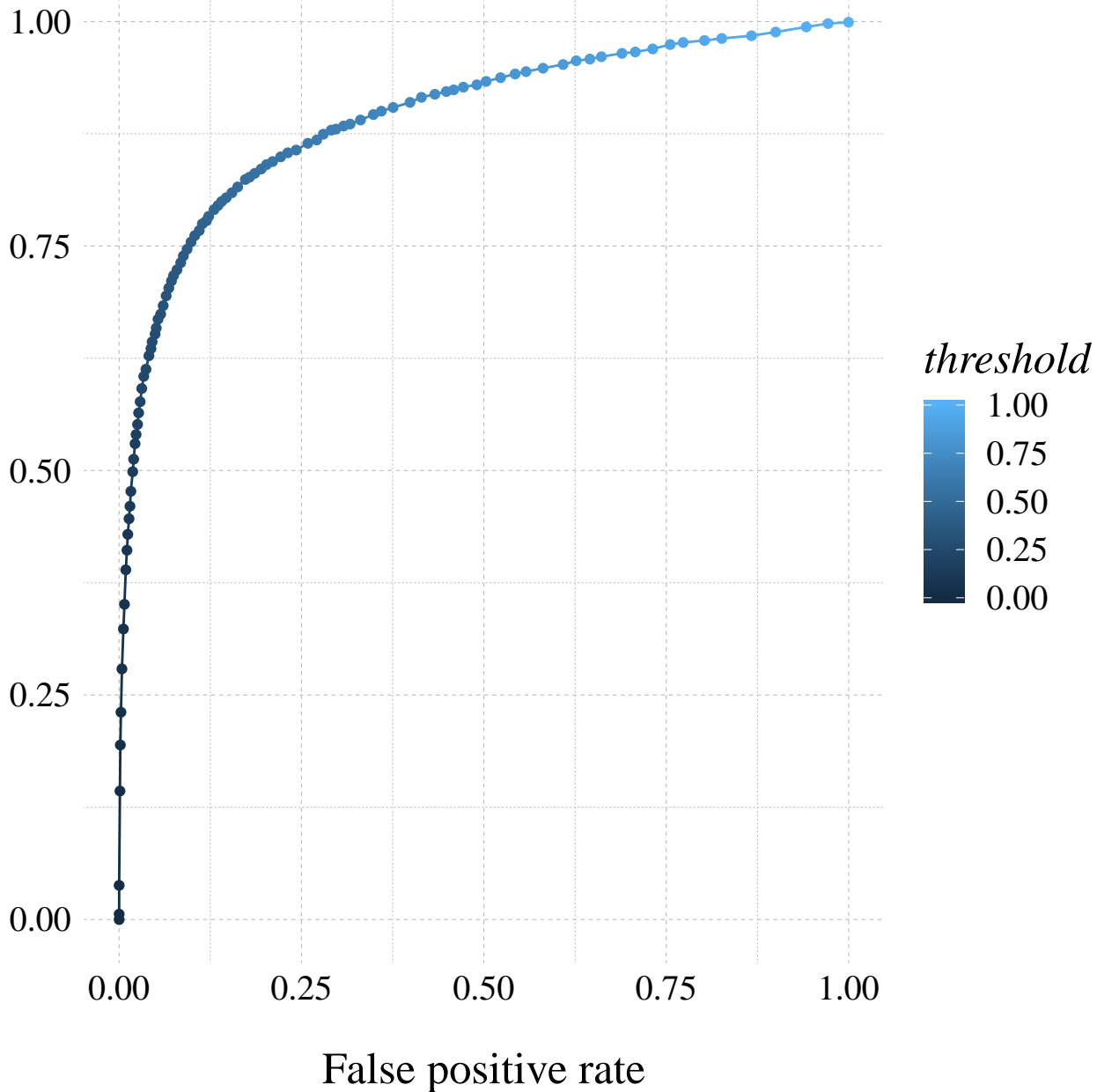


Limma 4 replicates q-value Confusion Table

	key	value
1	True positives	613.0000
2	False negatives	2040.0000
3	False positives	38.0000
4	True negatives	14875.0000
5	Condition positive	2655.0000
6	Condition negative	14916.0000
7	Predicted condition positive	651.0000
8	Predicted condition negative	16915.0000
9	Total population	17571.0000
10	Accuracy	0.8815
11	Prevalence	0.1511
12	False positive rate	0.0025
13	True positive rate	0.2309
14	False negative rate	0.7684
15	True negative rate	0.9973
16	Positive Predictive Value	0.9416
17	Negative Predictive Value	0.8794

Limma 4 replicates

True positive rate



Ropeca 4 replicates q-value Confusion Table

	key	value
1	True positives	396.0000
2	False negatives	172.0000
3	False positives	11.0000
4	True negatives	2444.0000
5	Condition positive	568.0000
6	Condition negative	2456.0000
7	Predicted condition positive	407.0000
8	Predicted condition negative	2616.0000
9	Total population	3024.0000
10	Accuracy	0.9392
11	Prevalence	0.1878
12	False positive rate	0.0045
13	True positive rate	0.6972
14	False negative rate	0.3028
15	True negative rate	0.9951
16	Positive Predictive Value	0.9730
17	Negative Predictive Value	0.9343

Ropecra 4 replicates

True positive rate

1.00

0.75

0.50

0.25

0.00

0.00

0.25

0.50

0.75

1.00

False positive rate

threshold

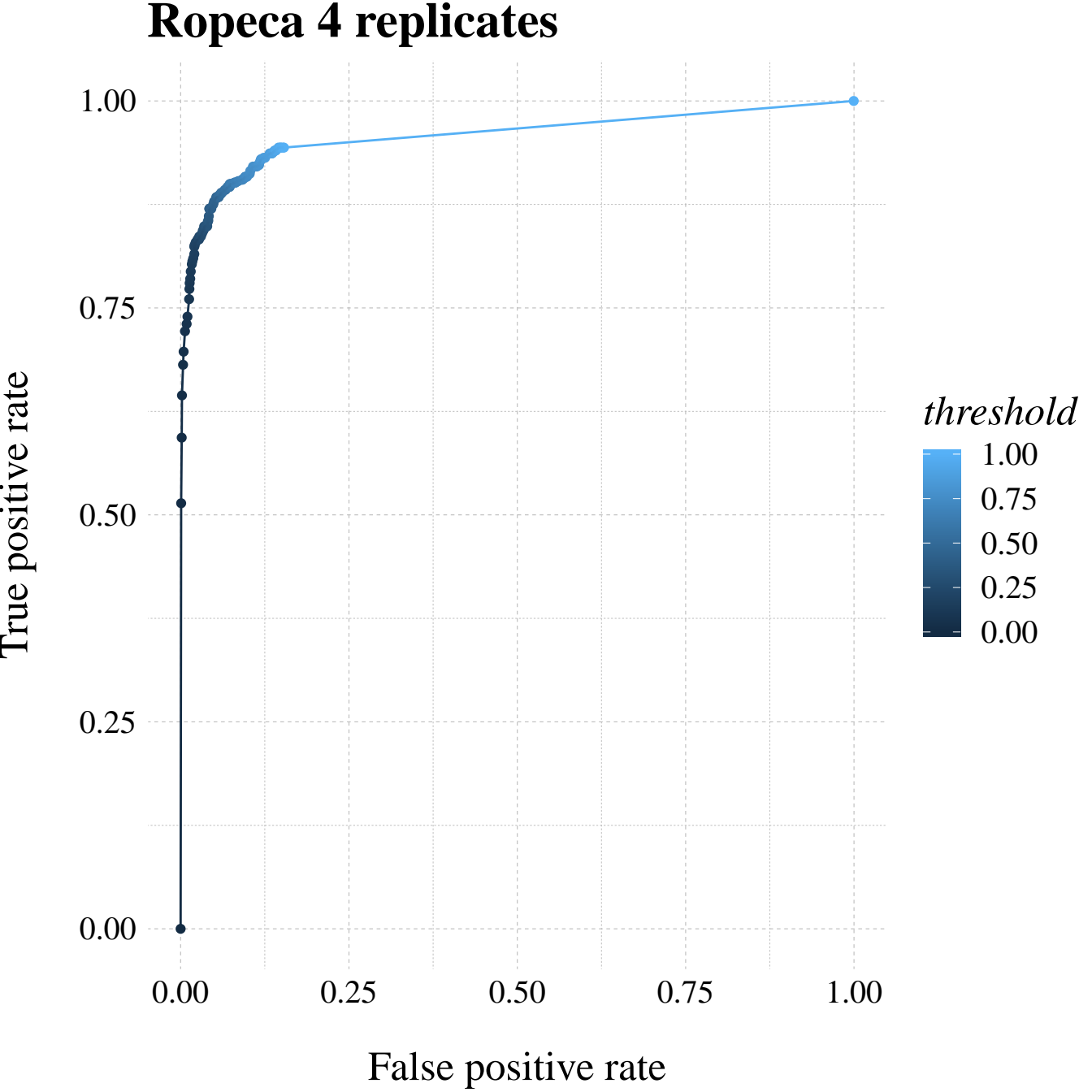
1.00

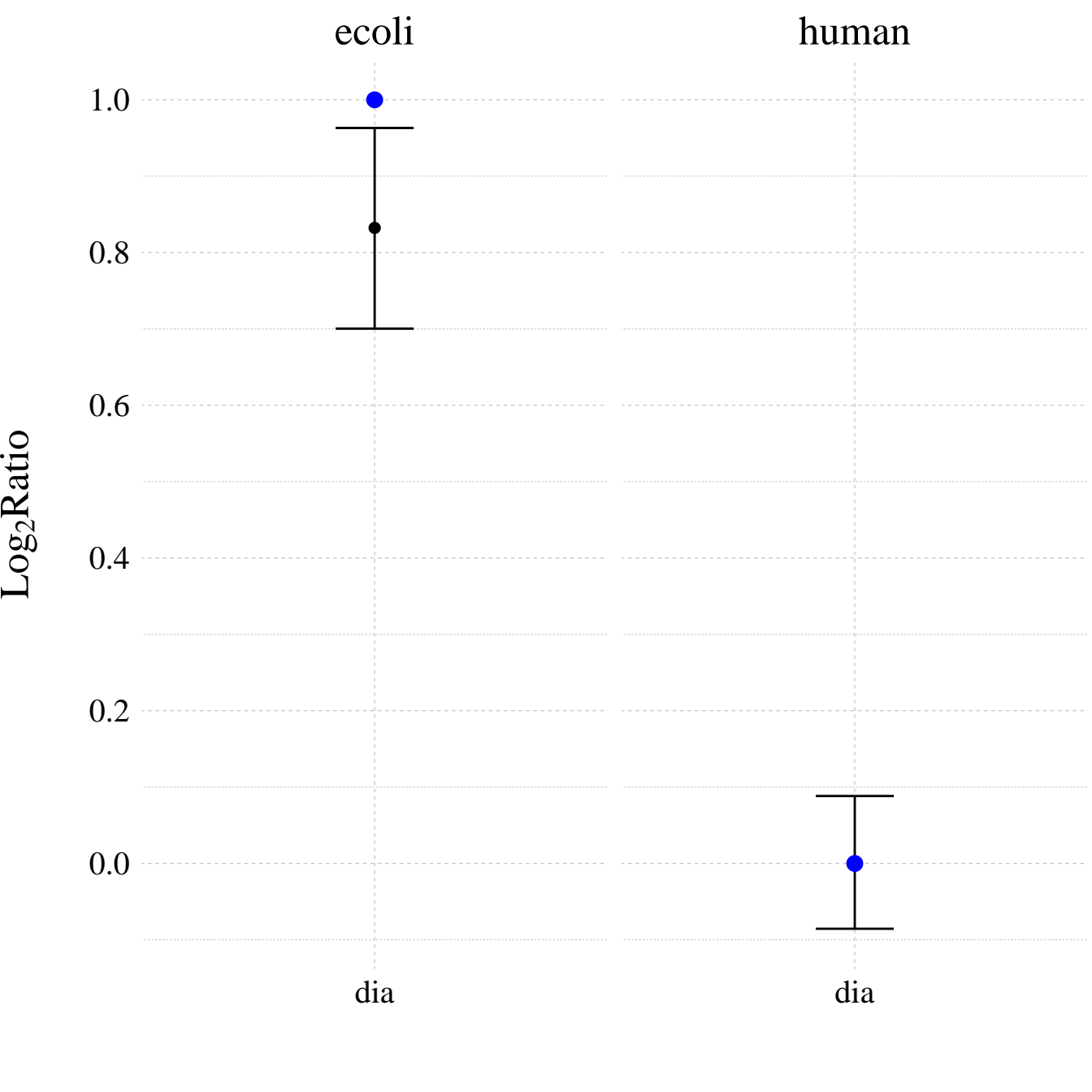
0.75

0.50

0.25

0.00

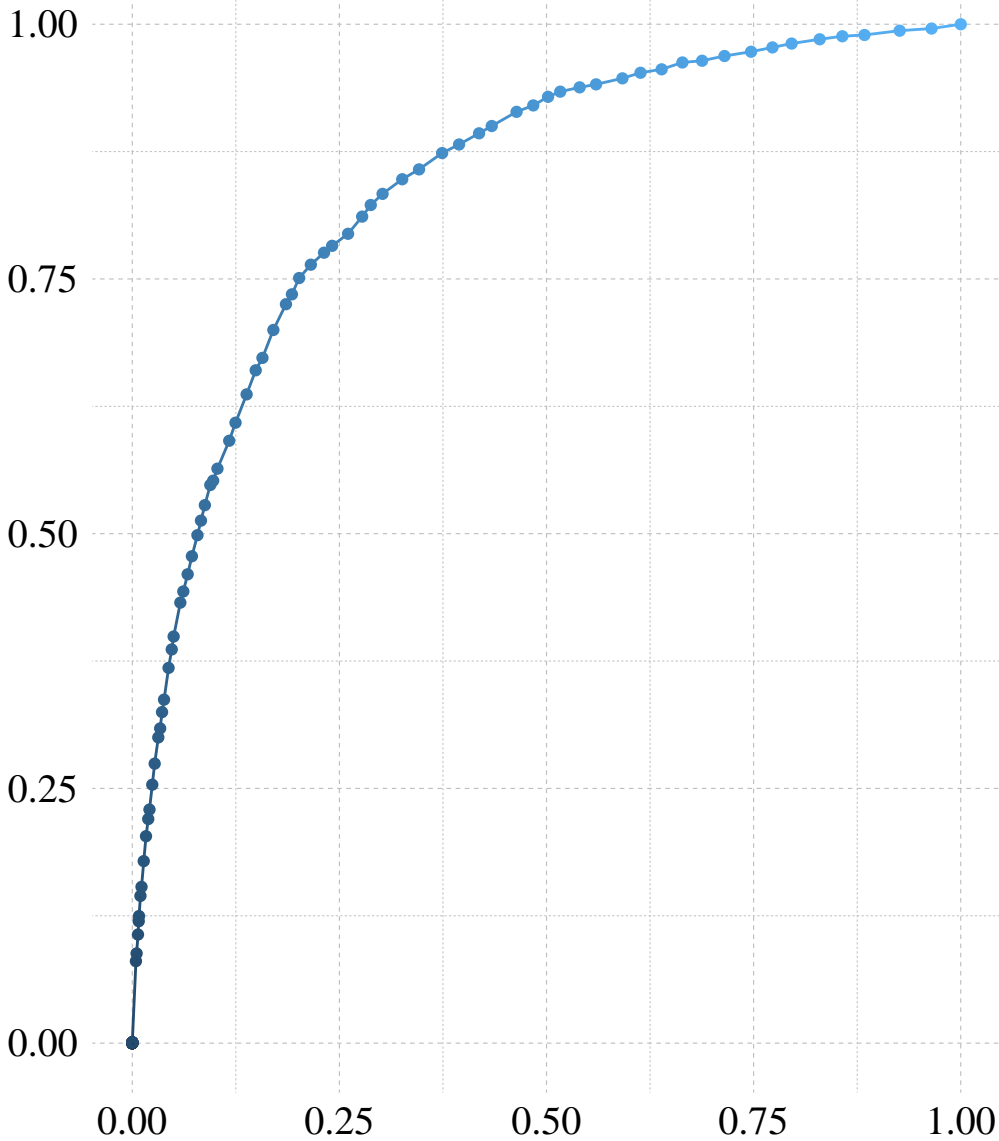




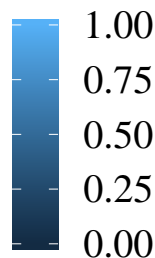
	key	value
1	True positives	0.000
2	False negatives	2373.000
3	False positives	0.000
4	True negatives	13882.000
5	Condition positive	2373.000
6	Condition negative	13882.000
7	Predicted condition positive	0.000
8	Predicted condition negative	16255.000
9	Total population	16255.000
10	Accuracy	0.854
11	Prevalence	0.146
12	False positive rate	0.000
13	True positive rate	0.000
14	False negative rate	1.000
15	True negative rate	1.000
16	Positive Predictive Value	NA
17	Negative Predictive Value	0.854

t-test 3 replicates

True positive rate



threshold



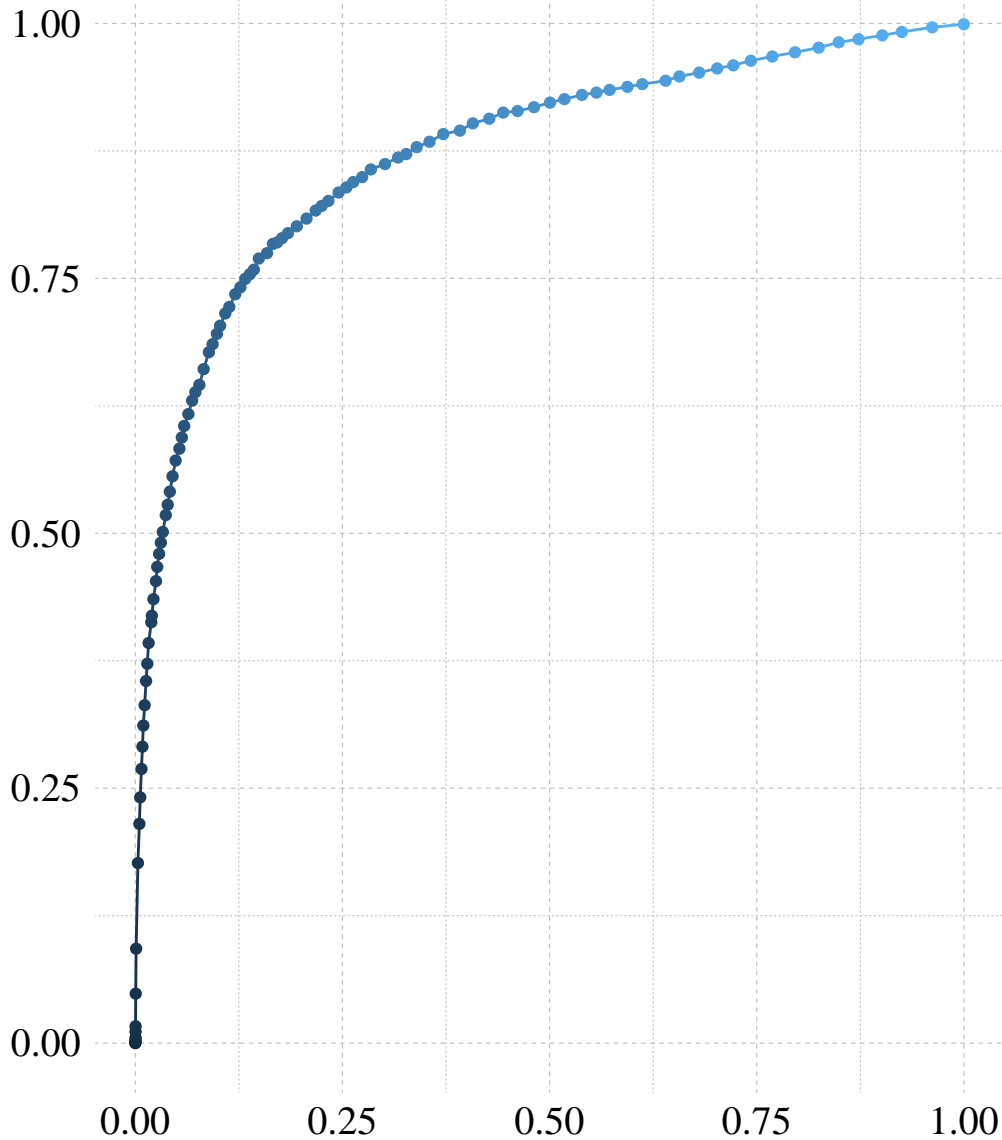
False positive rate

Limma 3 replicates q-value Confusion Table

	key	value
1	True positives	30.0000
2	False negatives	2623.0000
3	False positives	5.0000
4	True negatives	14908.0000
5	Condition positive	2655.0000
6	Condition negative	14916.0000
7	Predicted condition positive	35.0000
8	Predicted condition negative	17531.0000
9	Total population	17571.0000
10	Accuracy	0.8502
11	Prevalence	0.1511
12	False positive rate	0.0003
13	True positive rate	0.0113
14	False negative rate	0.9879
15	True negative rate	0.9995
16	Positive Predictive Value	0.8571
17	Negative Predictive Value	0.8504

Limma 3 replicates

True positive rate



False positive rate

Ropeca 3 replicates q-value Confusion Table

	key	value
1	True positives	302.0000
2	False negatives	266.0000
3	False positives	5.0000
4	True negatives	2450.0000
5	Condition positive	568.0000
6	Condition negative	2456.0000
7	Predicted condition positive	307.0000
8	Predicted condition negative	2716.0000
9	Total population	3024.0000
10	Accuracy	0.9101
11	Prevalence	0.1878
12	False positive rate	0.0020
13	True positive rate	0.5317
14	False negative rate	0.4683
15	True negative rate	0.9976
16	Positive Predictive Value	0.9837
17	Negative Predictive Value	0.9021

Roepca 3 replicates

