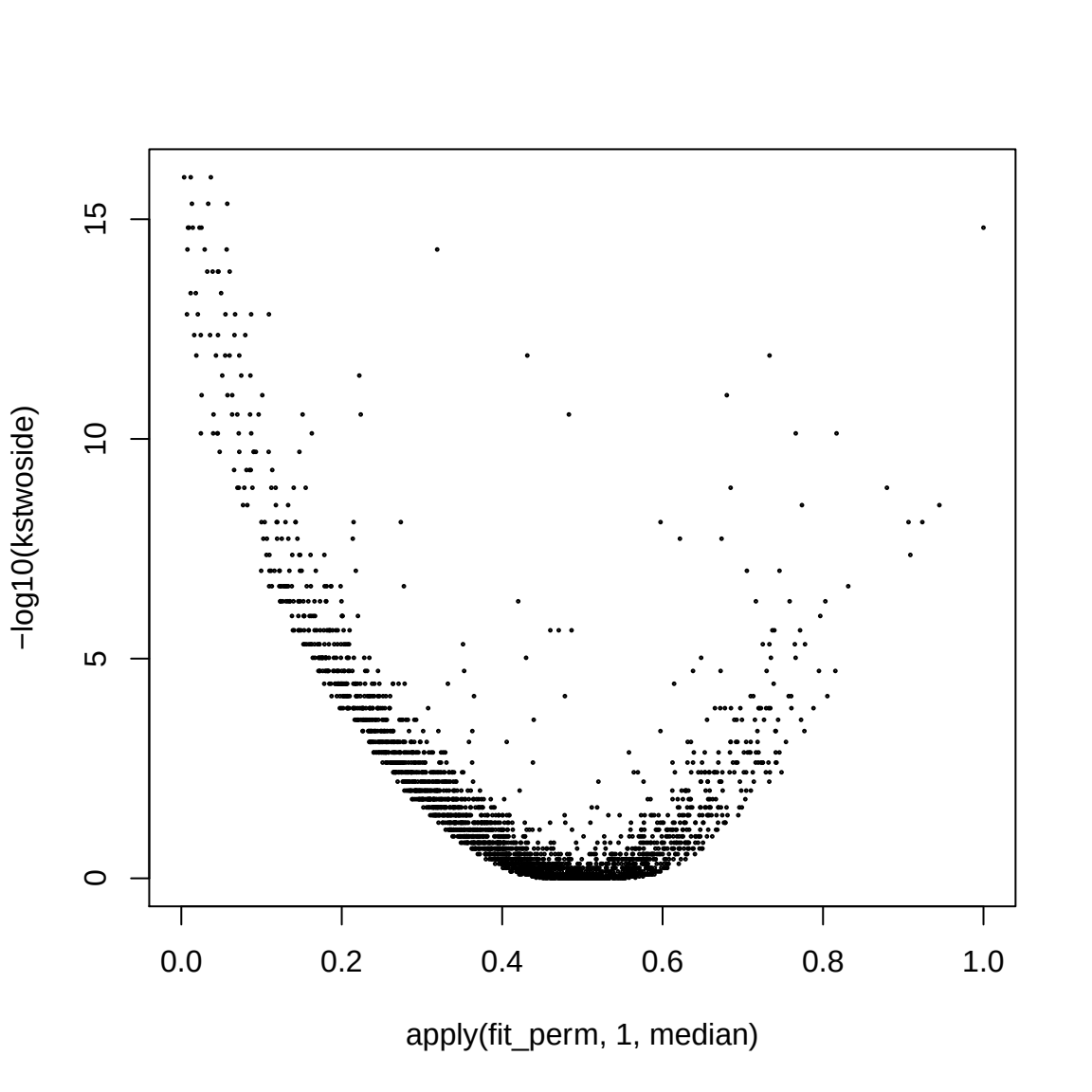
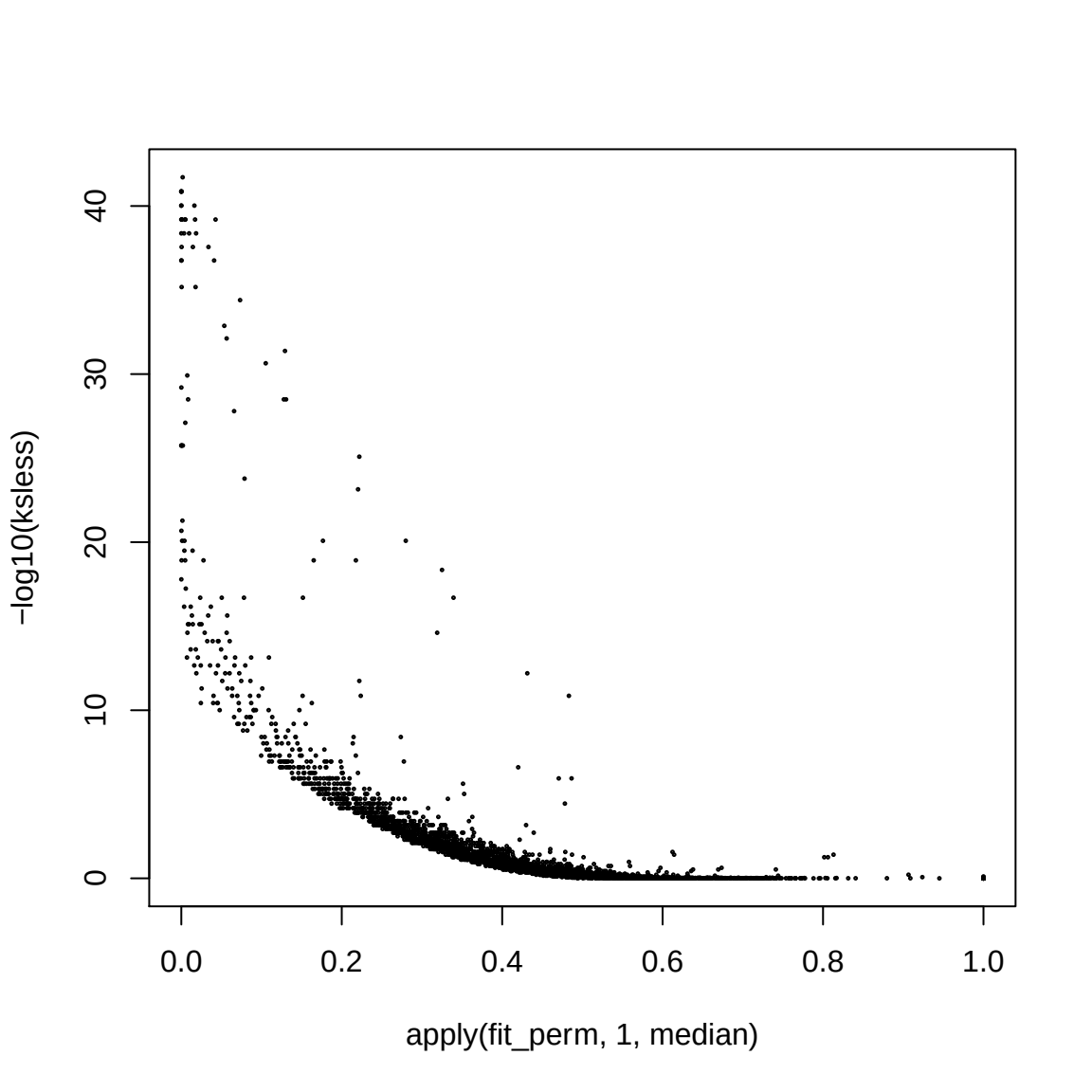
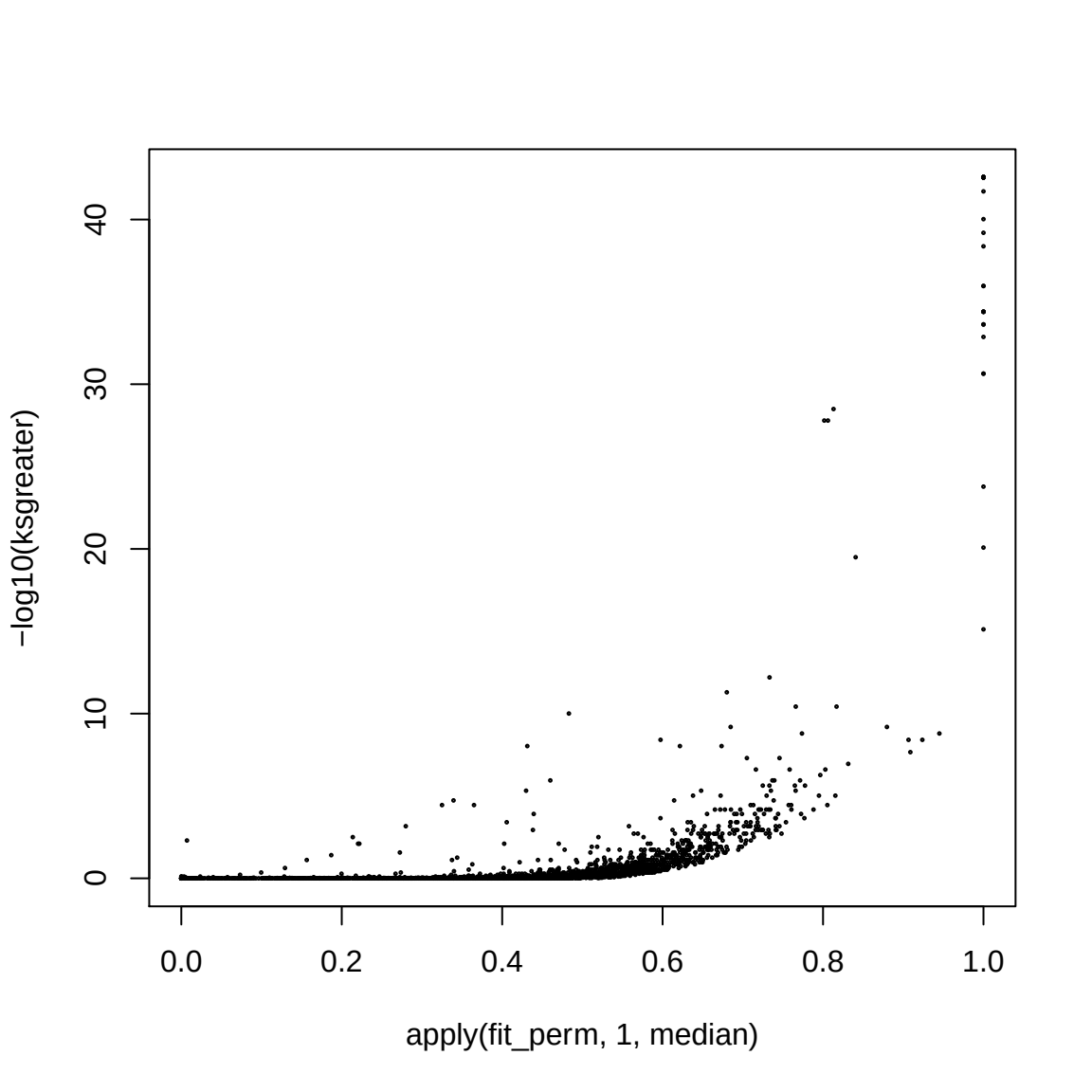
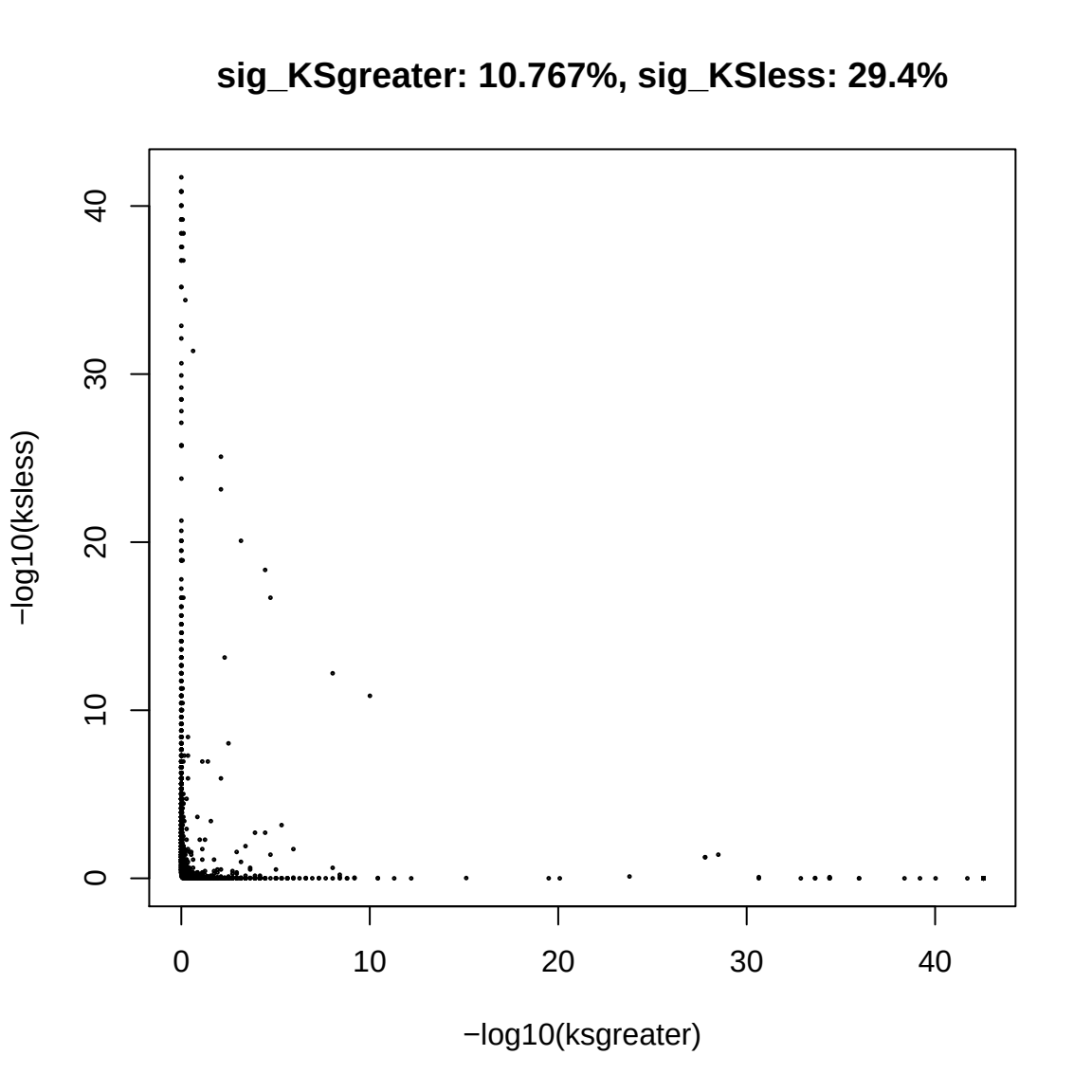
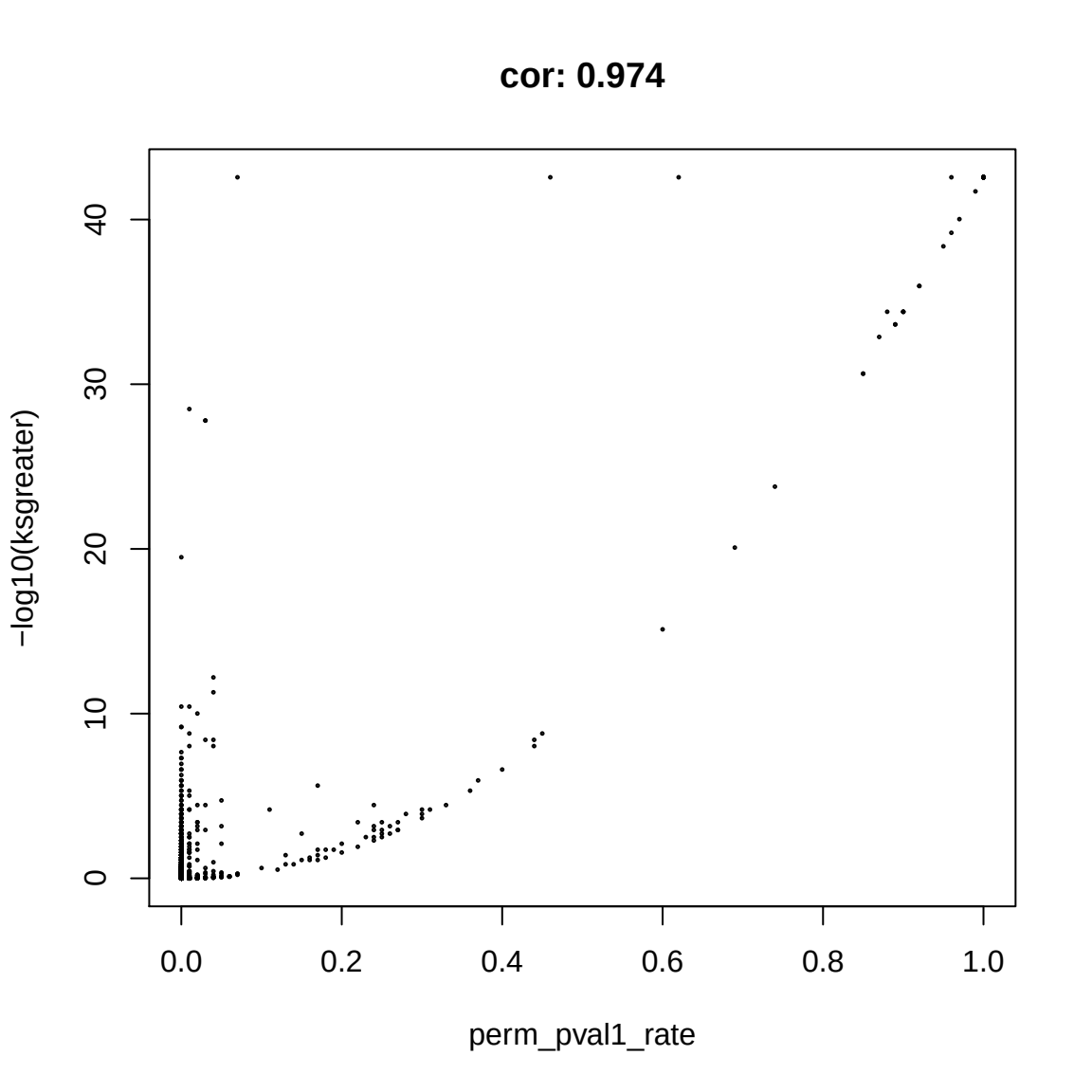
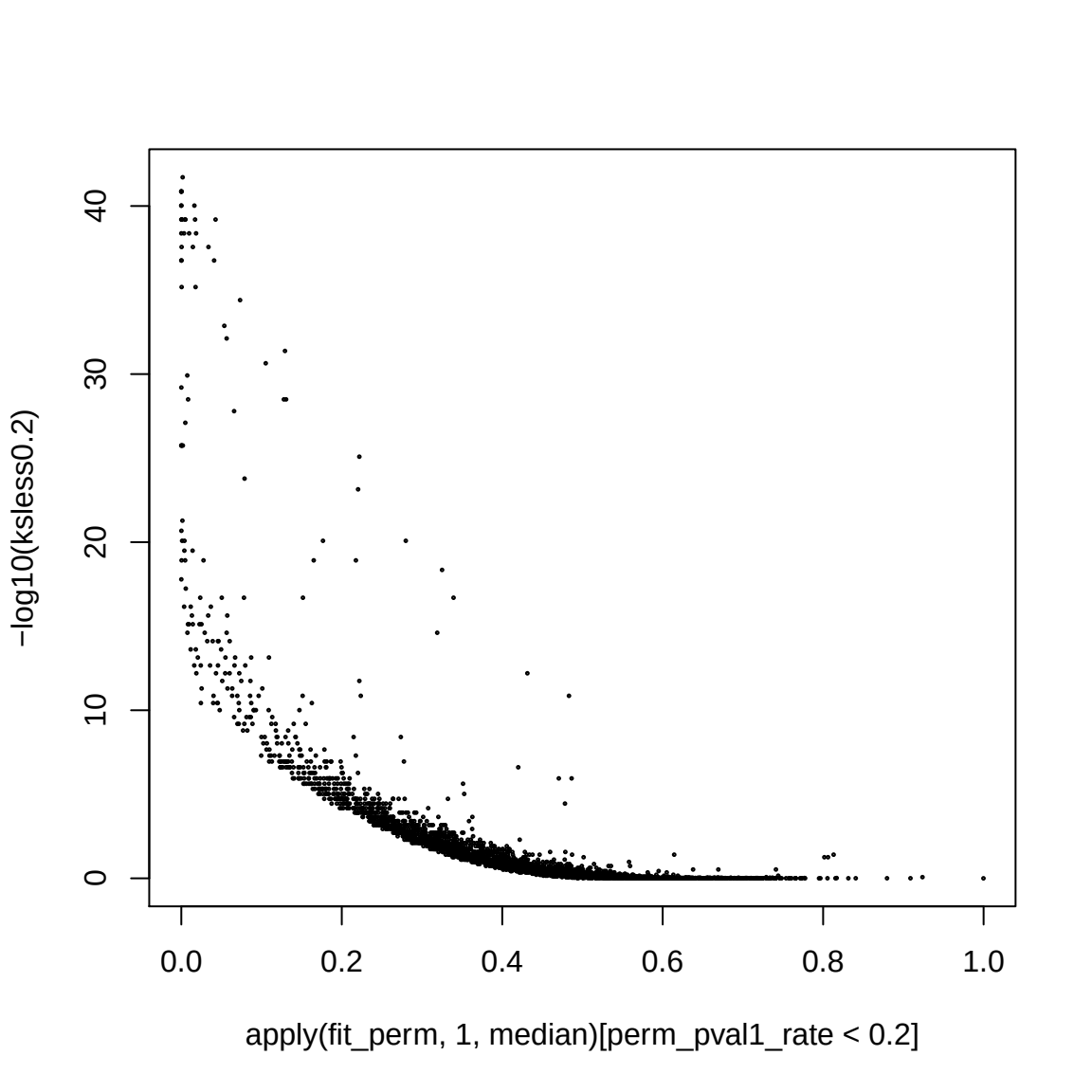

−log10(kstwoside)
0
5
10
15
0.0
0.2
0.4
0.6
0.8
1.0
apply(fit_perm, 1, median)

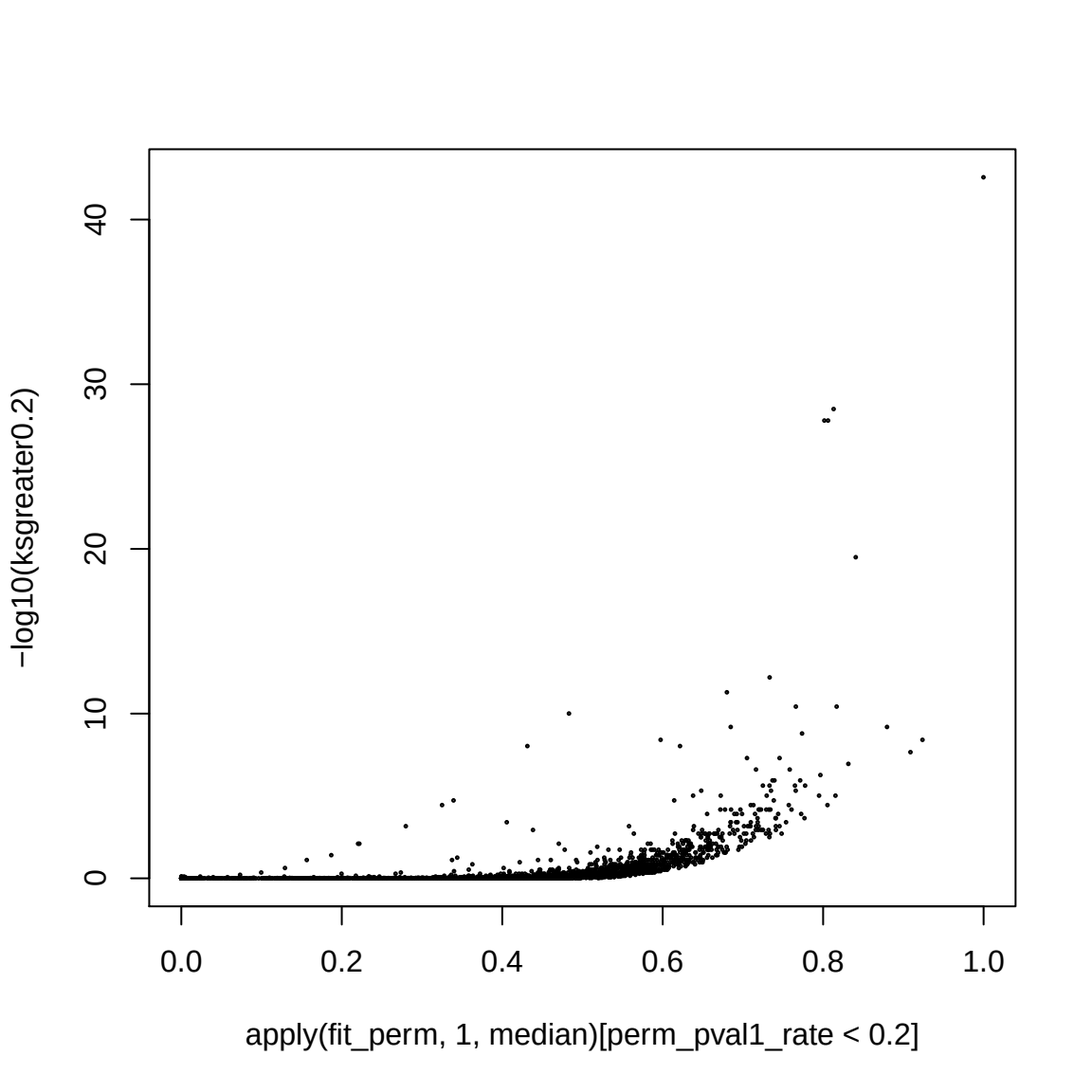

−log10(ksless)
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
apply(fit_perm, 1, median)

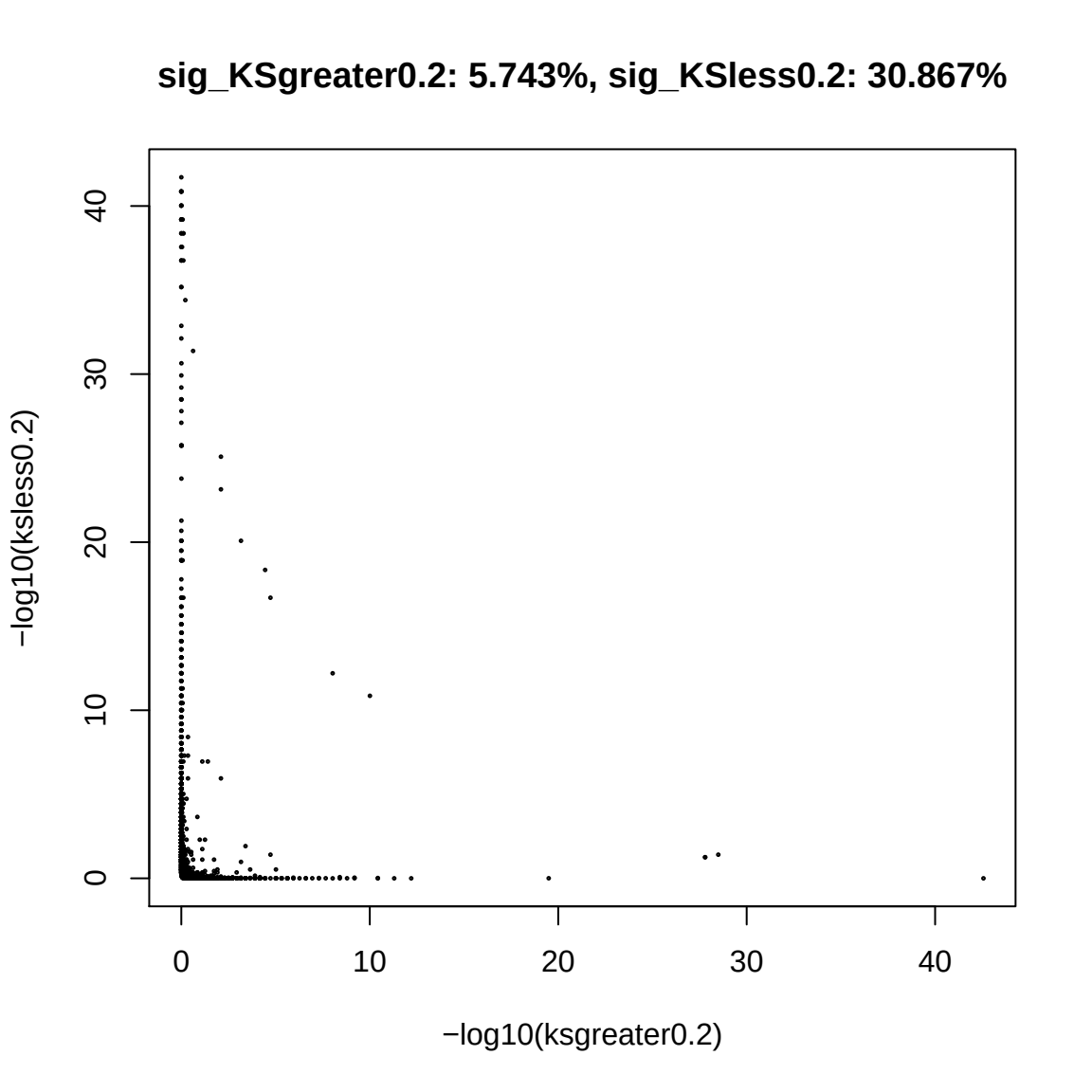

−log10(ksgreater)
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
apply(fit_perm, 1, median)

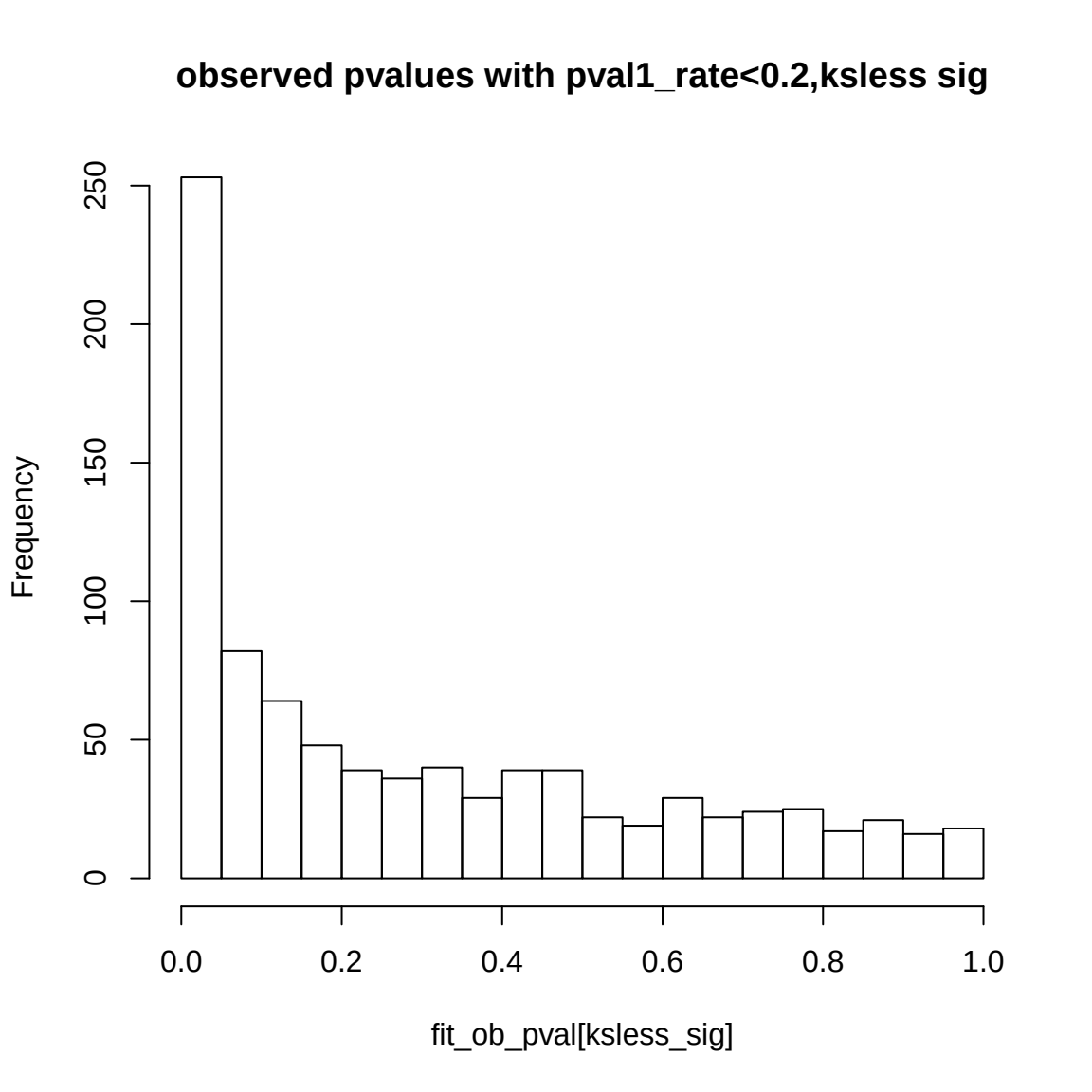

sig_KSgreater: 10.767%, sig_KSless: 29.4%
−log10(ksless)
0
10
20
30
40
0
10
20
30
40
−log10(ksgreater)

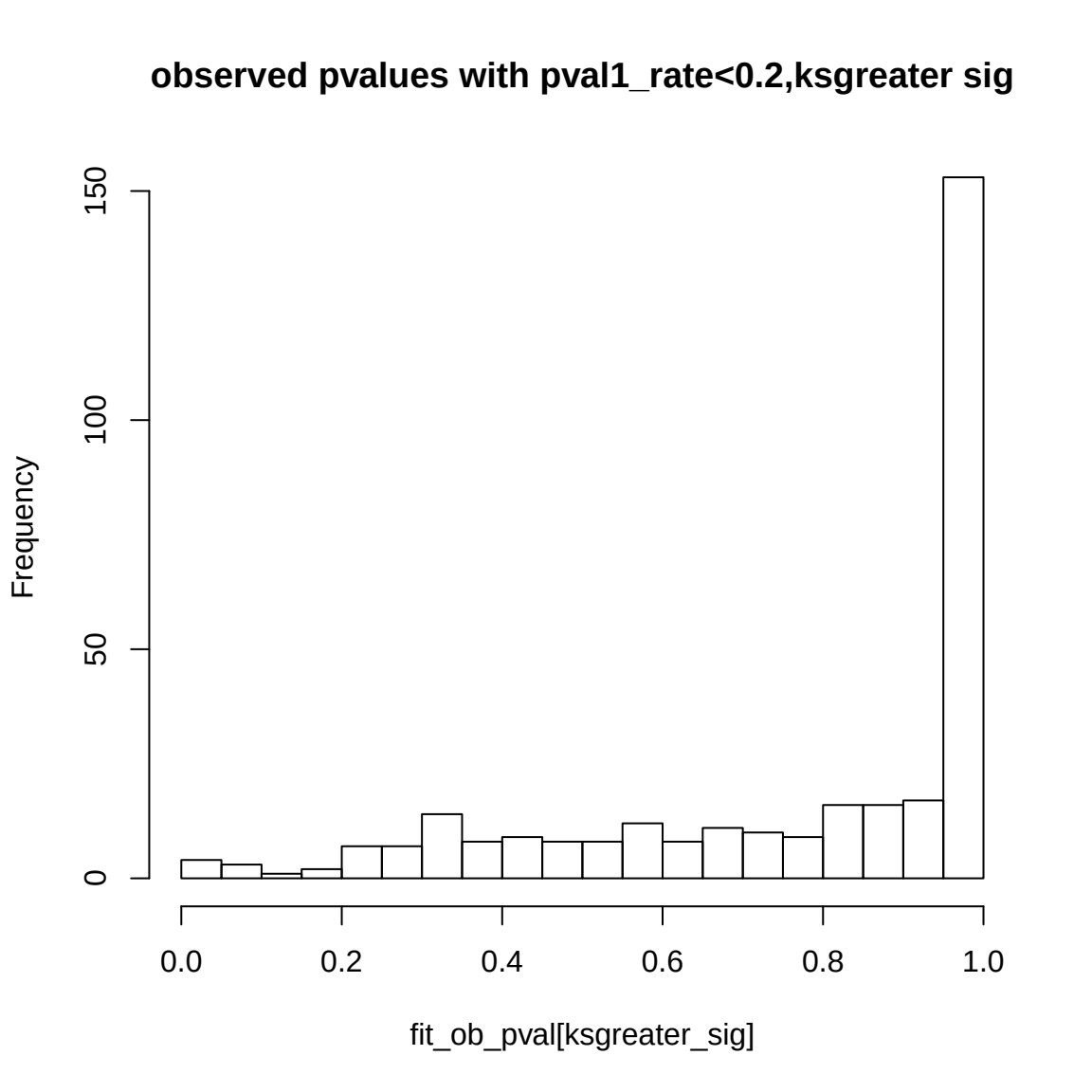

cor: 0.974
−log10(ksgreater)
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
perm_pval1_rate

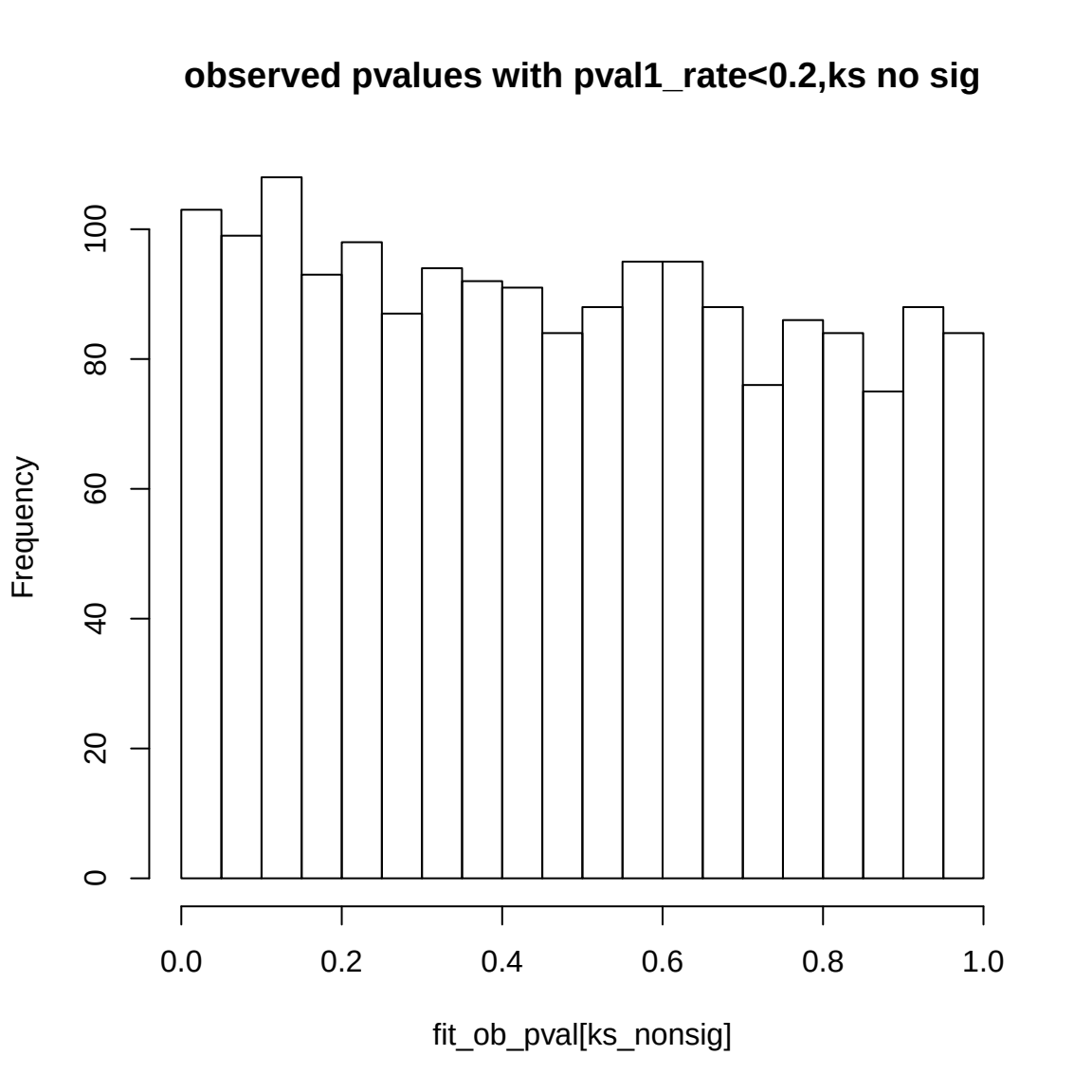

−log10(ksless0.2)
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
apply(fit_perm, 1, median)[perm_pval1_rate < 0.2]

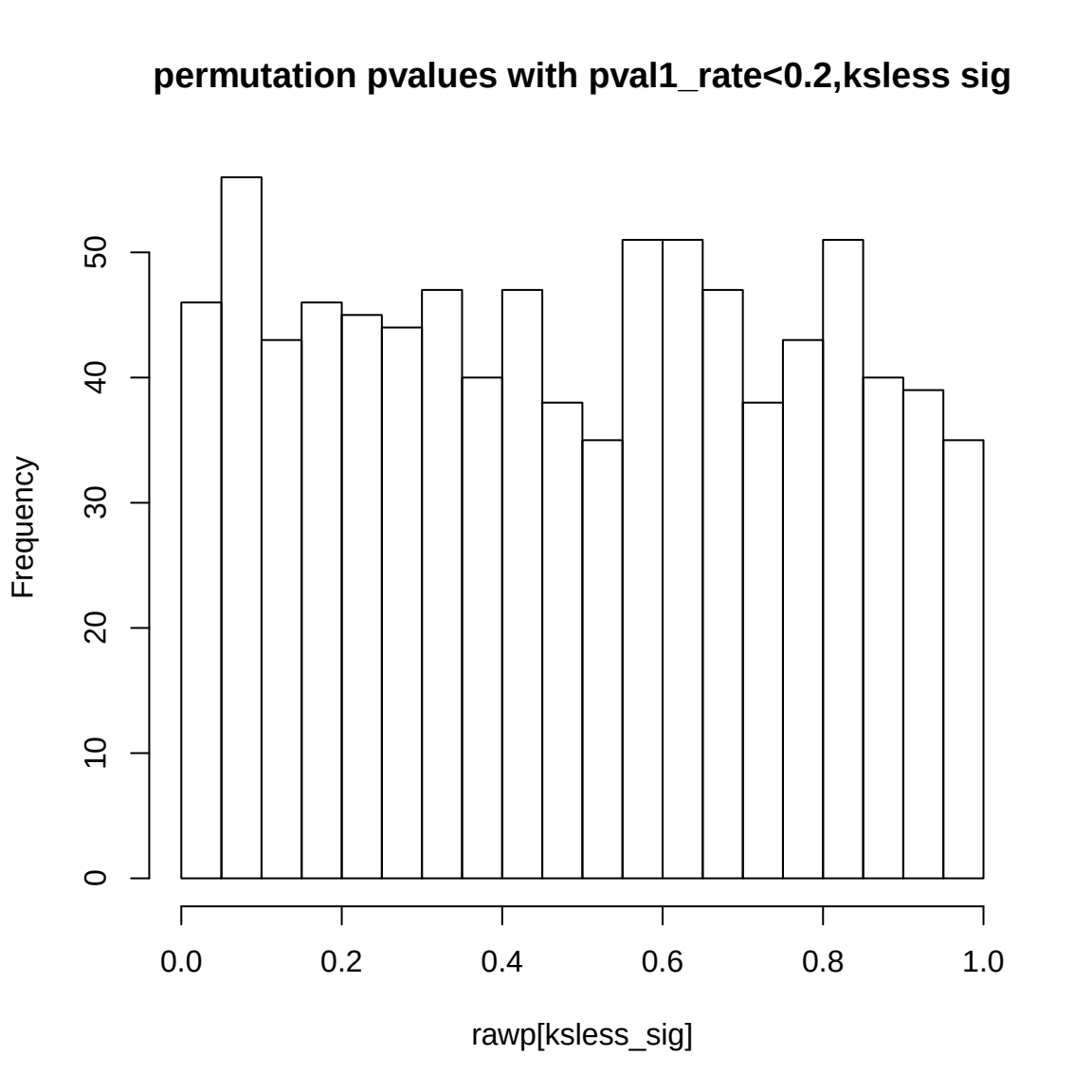

−log10(ksgreater0.2)
0
10
20
30
40
0.0
0.2
0.4
0.6
0.8
1.0
apply(fit_perm, 1, median)[perm_pval1_rate < 0.2]

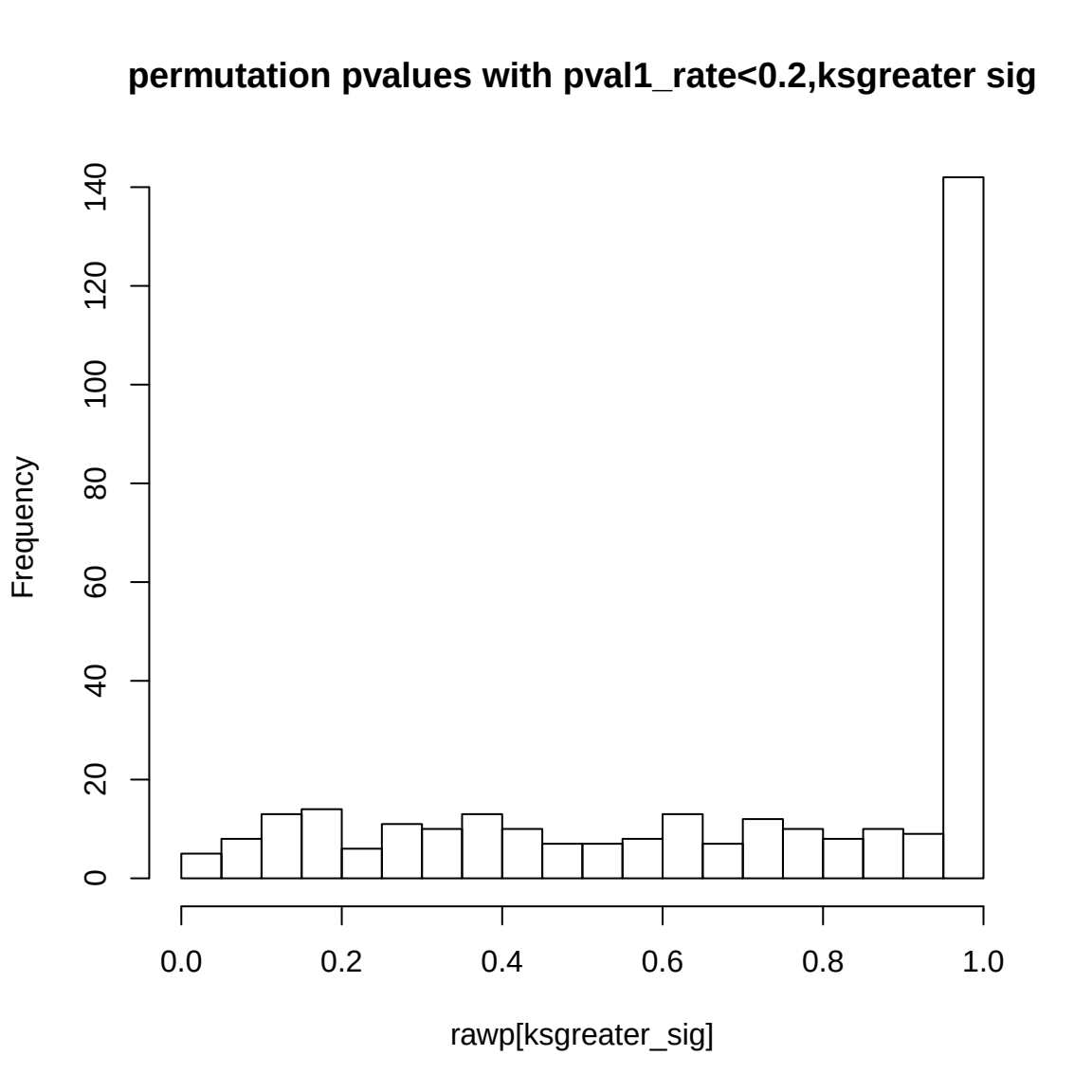

sig_KSgreater0.2: 5.743%, sig_KSless0.2: 30.867%
−log10(ksless0.2)
0
10
20
30
40
0
10
20
30
40
−log10(ksgreater0.2)

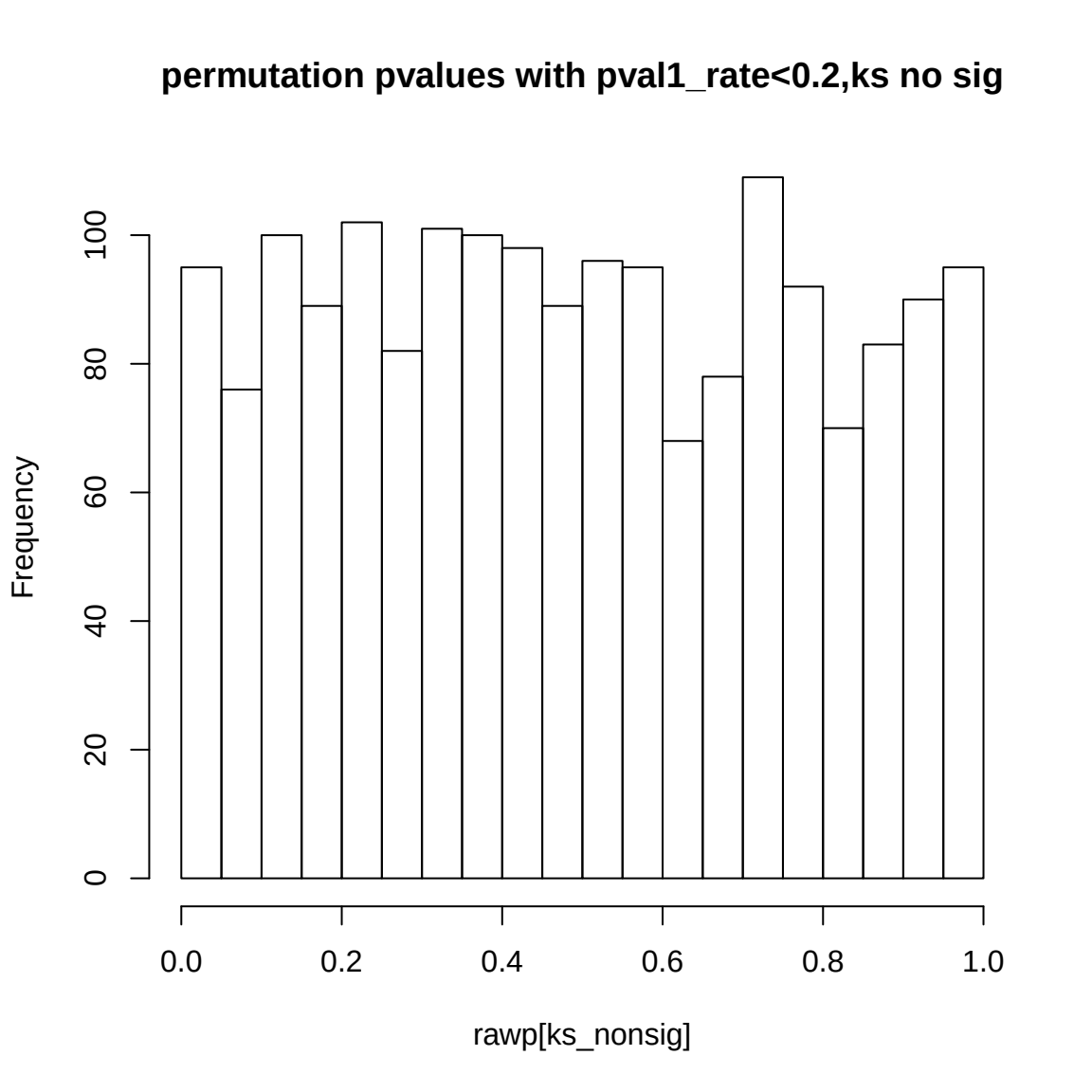

observed pvalues with pval1_rate<0.2,ksless sig
Frequency
0
50
100
150
200
250
0.0
0.2
0.4
0.6
0.8
1.0
fit_ob_pval[ksless_sig]

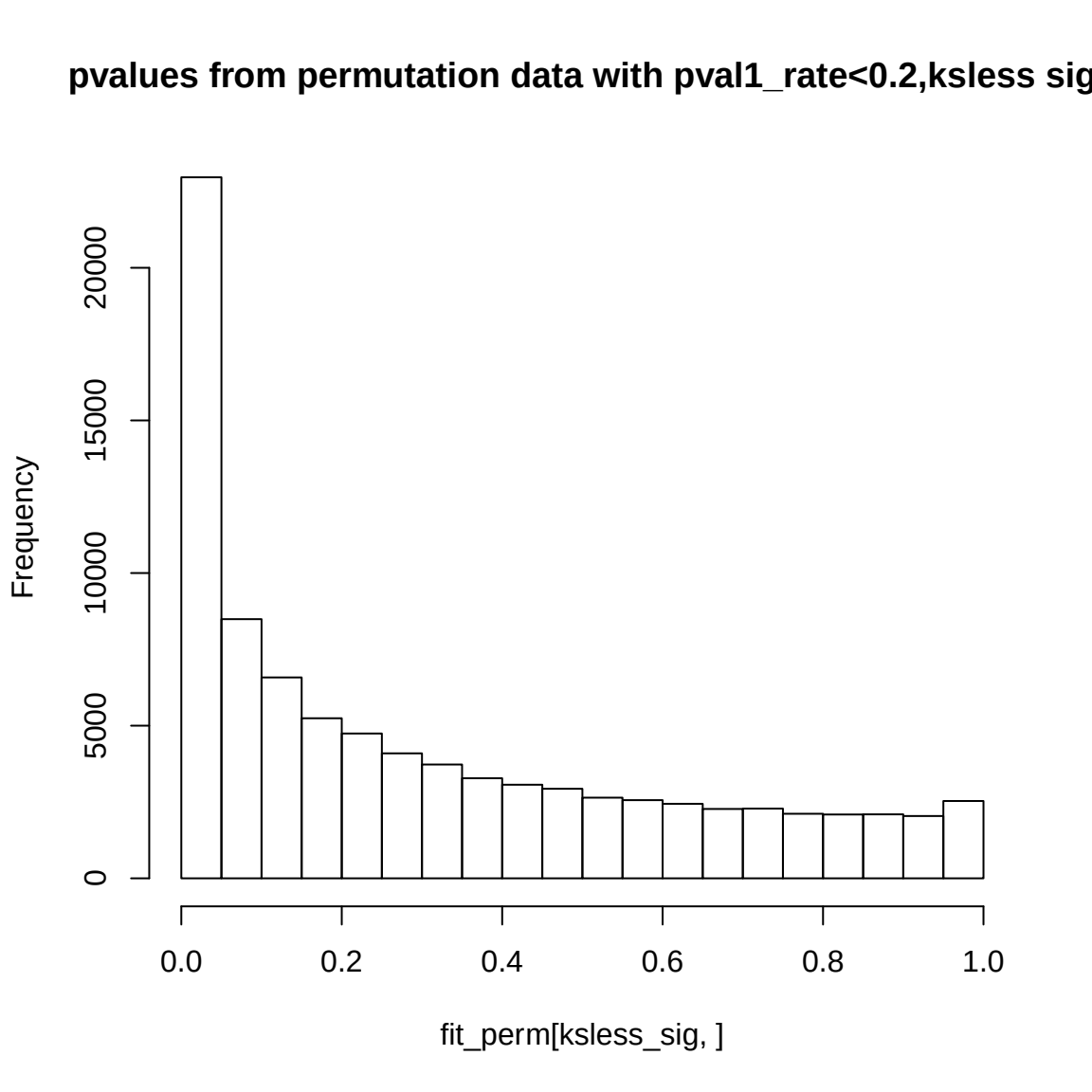

observed pvalues with pval1_rate<0.2,ksgreater sig
Frequency
0
50
100
150
0.0
0.2
0.4
0.6
0.8
1.0
fit_ob_pval[ksgreater_sig]

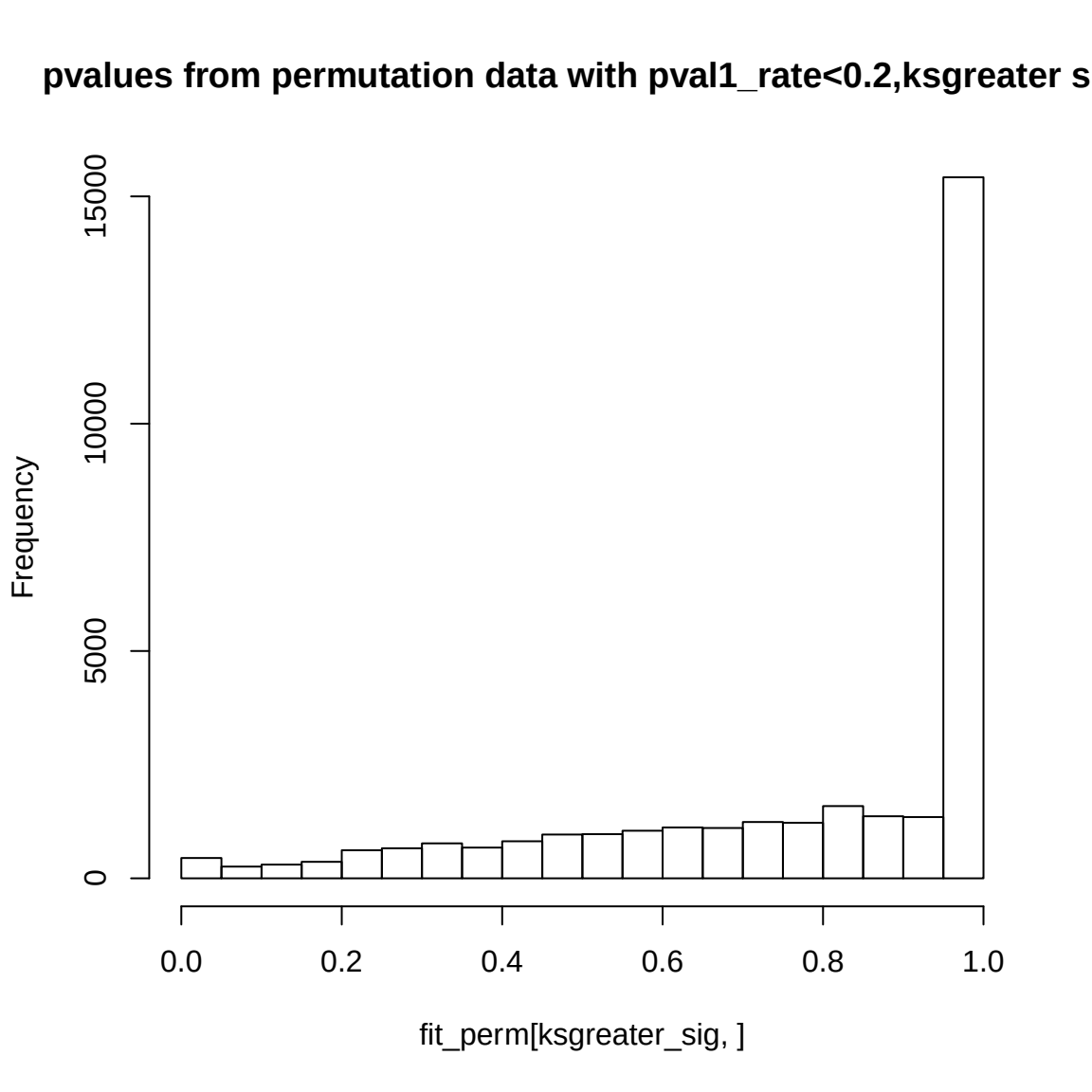

observed pvalues with pval1_rate<0.2,ks no sig
Frequency
0
20
40
60
80
100
0.0
0.2
0.4
0.6
0.8
1.0
fit_ob_pval[ks_nonsig]

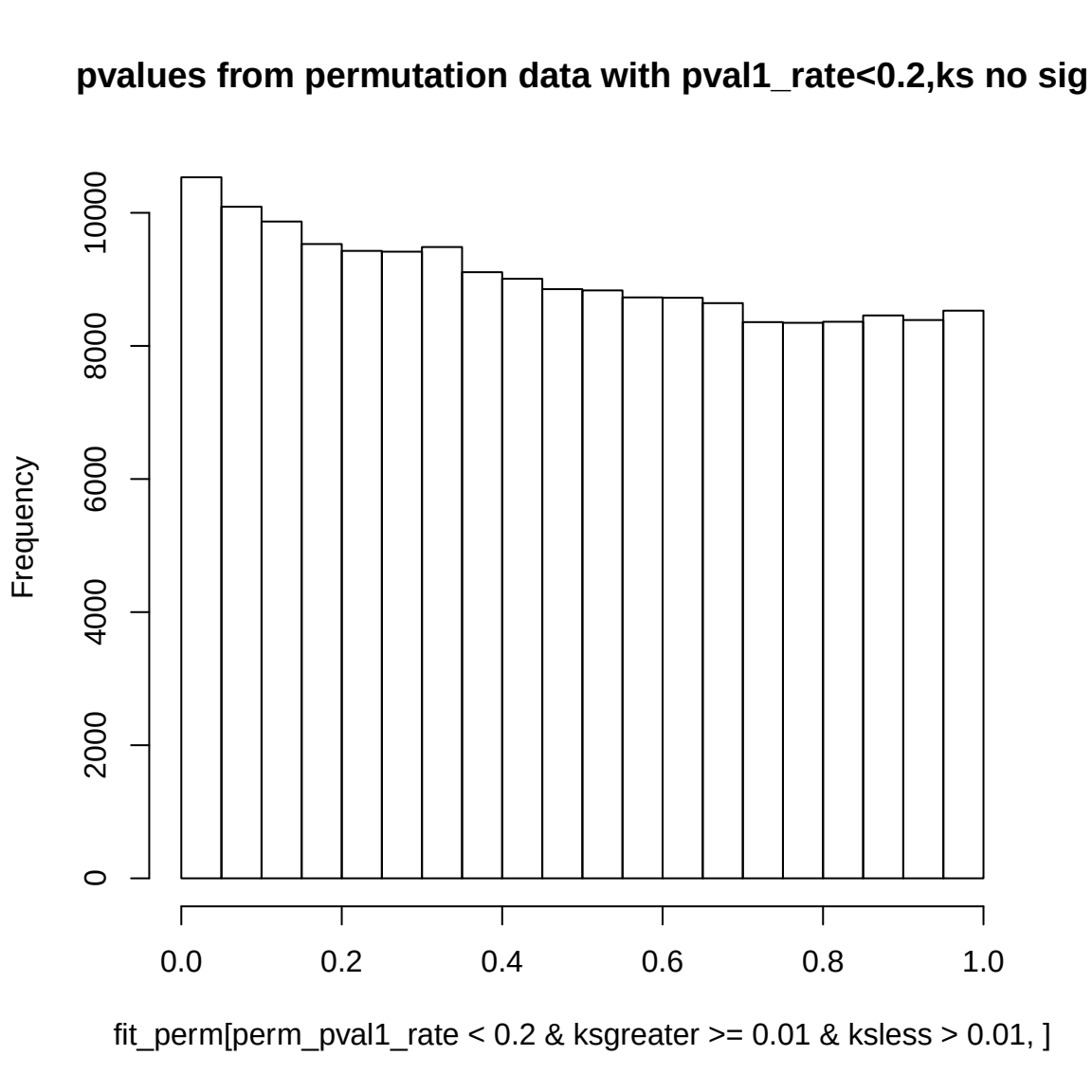

permutation pvalues with pval1_rate<0.2,ksless sig
Frequency
0
10
20
30
40
50
0.0
0.2
0.4
0.6
0.8
1.0
rawp[ksless_sig]


permutation pvalues with pval1_rate<0.2,ksgreater sig
Frequency
0
20
40
60
80
100
120
140
0.0
0.2
0.4
0.6
0.8
1.0
rawp[ksgreater_sig]


permutation pvalues with pval1_rate<0.2,ks no sig
Frequency
0
20
40
60
80
100
0.0
0.2
0.4
0.6
0.8
1.0
rawp[ks_nonsig]


pvalues from permutation data with pval1_rate<0.2,ksless sig
Frequency
0
5000
10000
15000
20000
0.0
0.2
0.4
0.6
0.8
1.0
fit_perm[ksless_sig,]


pvalues from permutation data with pval1_rate<0.2,ksgreater s
Frequency
0
5000
10000
15000
0.0
0.2
0.4
0.6
0.8
1.0
fit_perm[ksgreater_sig,]


pvalues from permutation data with pval1_rate<0.2,ks no sig
Frequency
0
2000
4000
6000
8000
10000
0.0
0.2
0.4
0.6
0.8
1.0
fit_perm[perm_pval1_rate < 0.2 & ksgreater >= 0.01 & ksless > 0.01,]