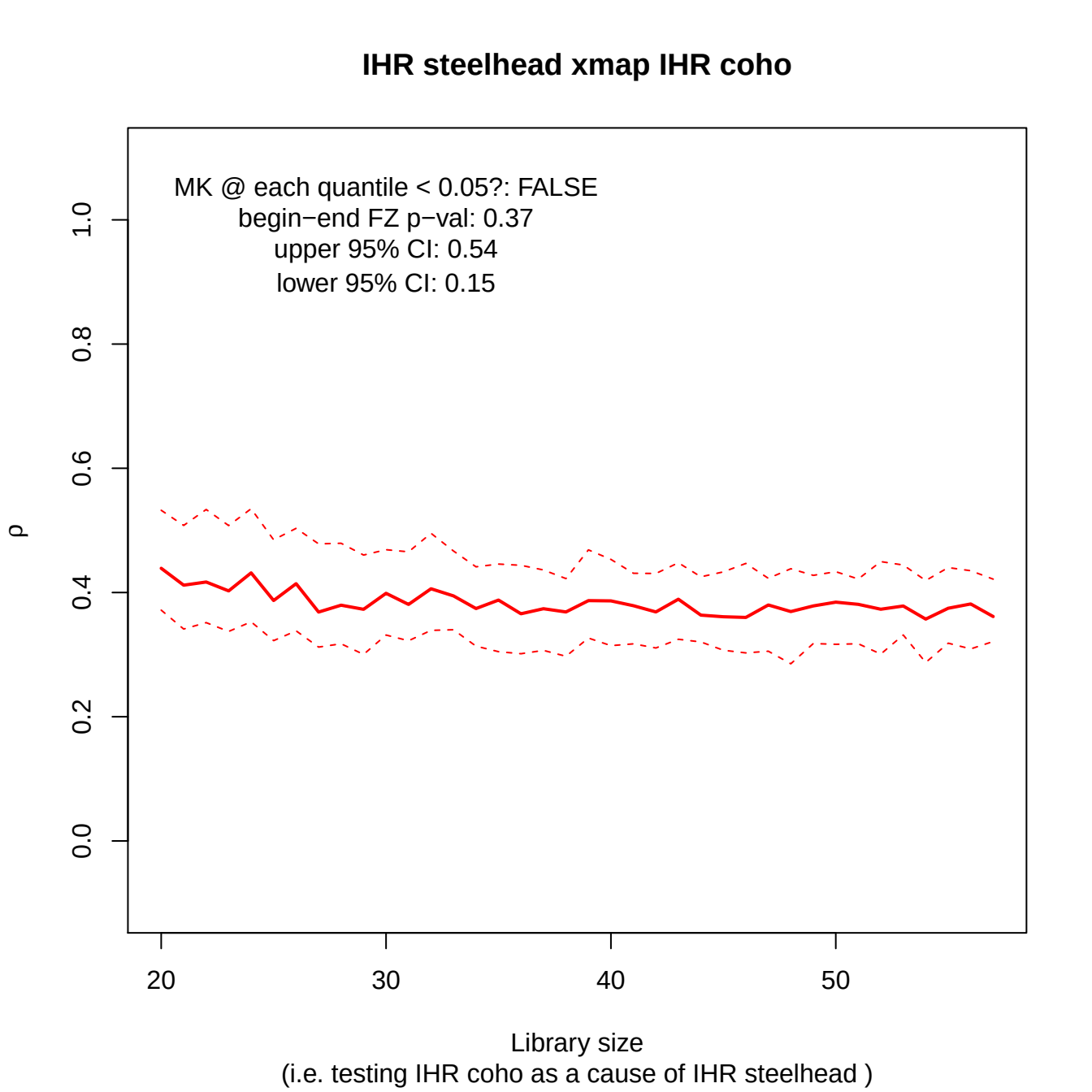
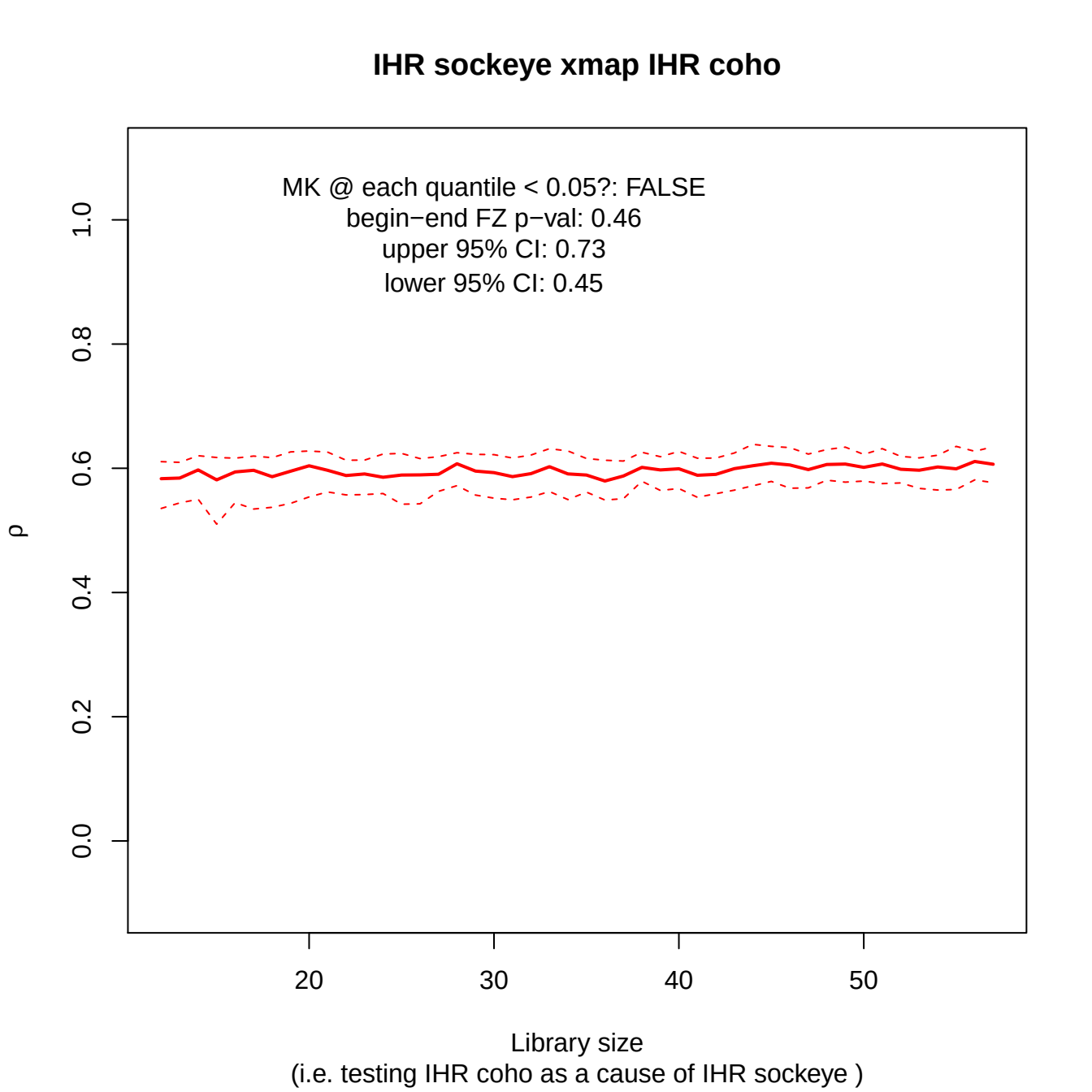
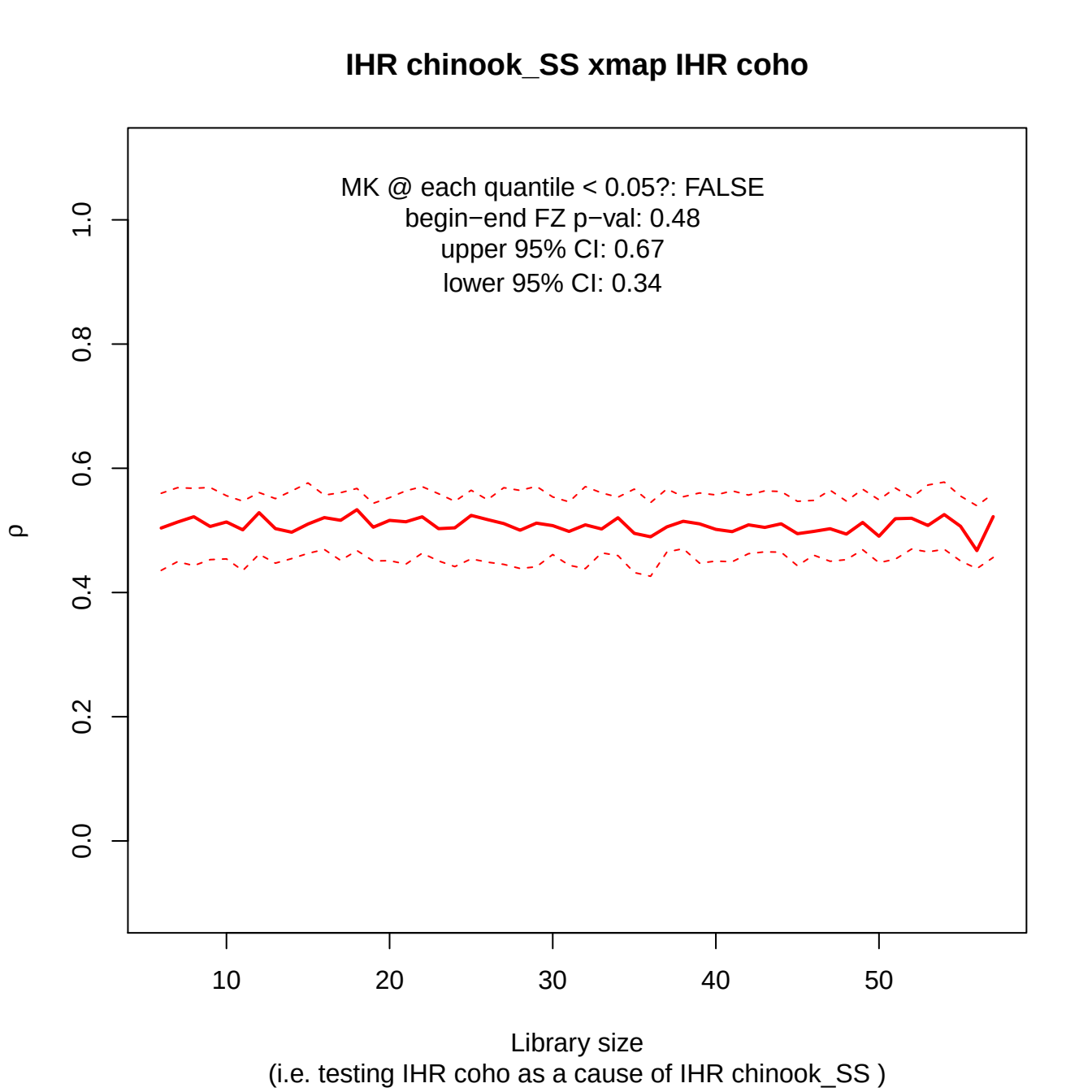
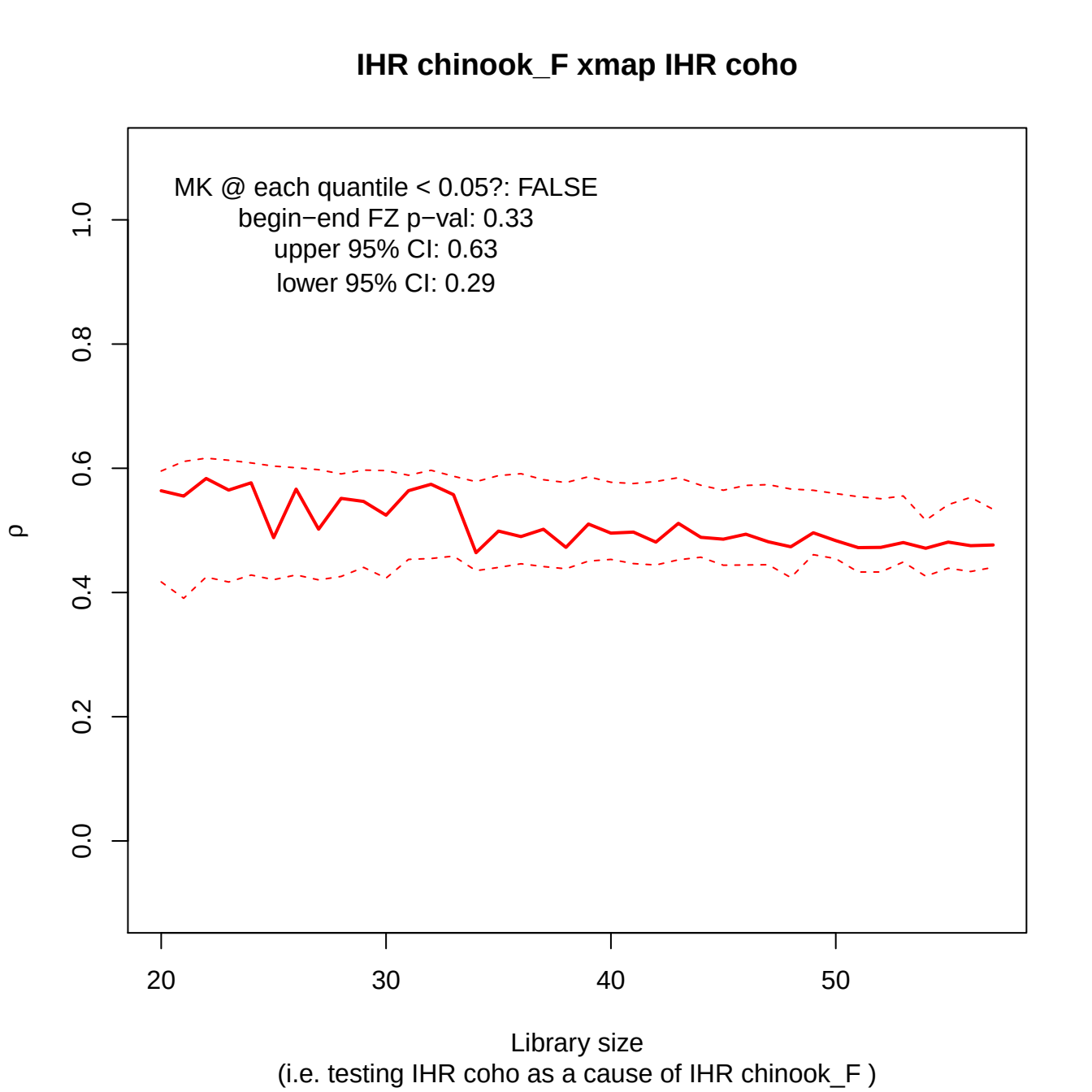
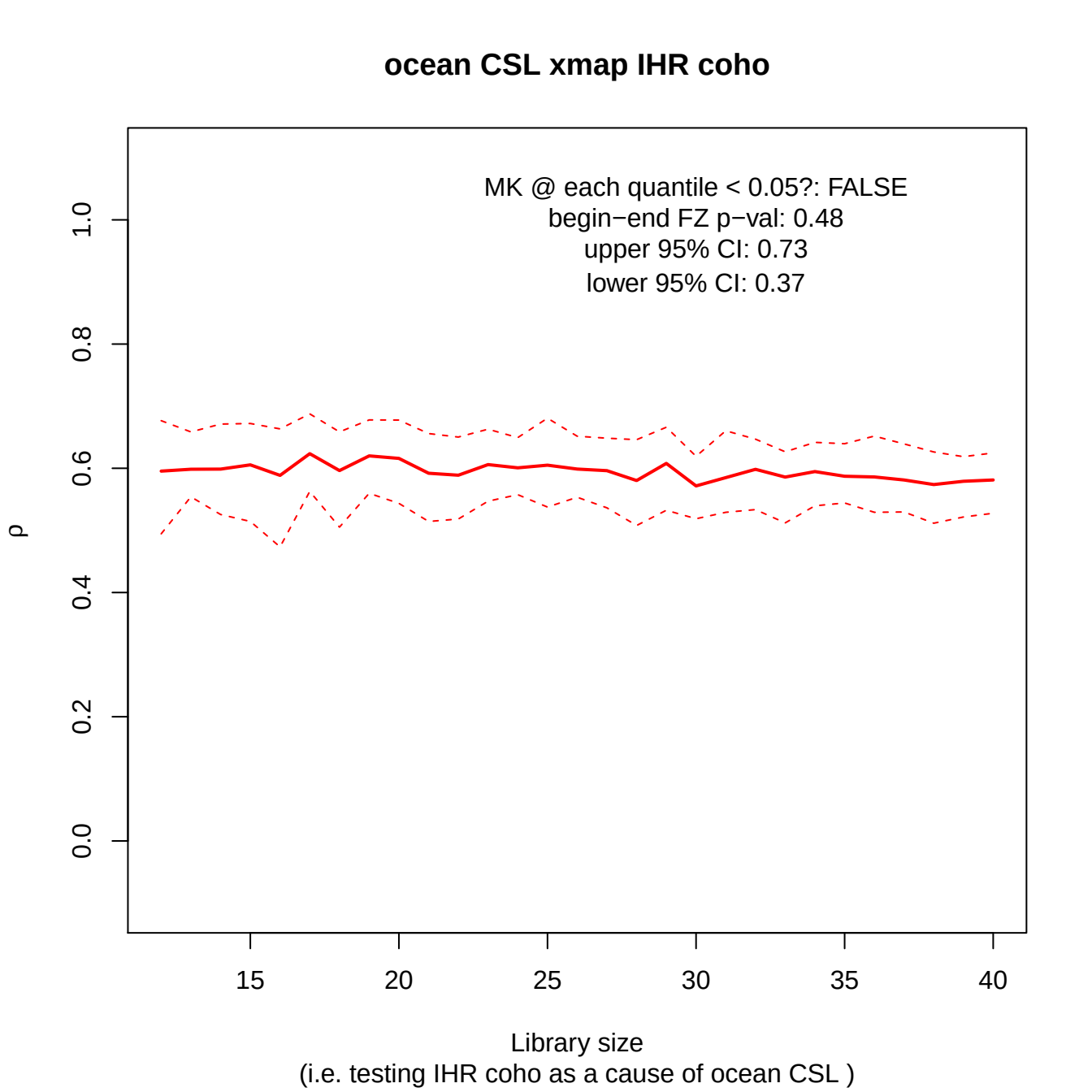
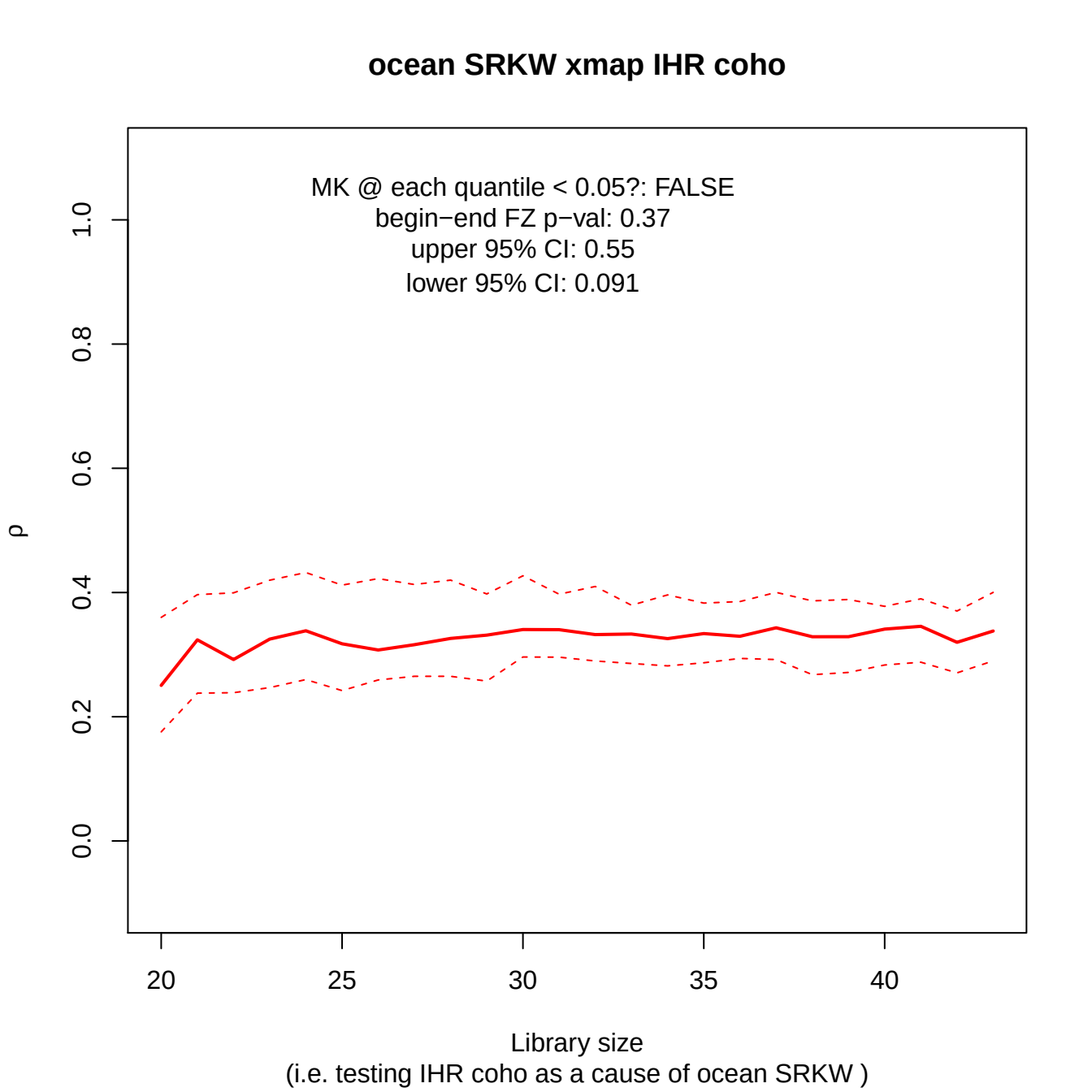

IHR steelhead xmap IHR coho
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.37
upper 95% CI: 0.54
lower 95% CI: 0.15
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR coho as a cause of IHR steelhead)

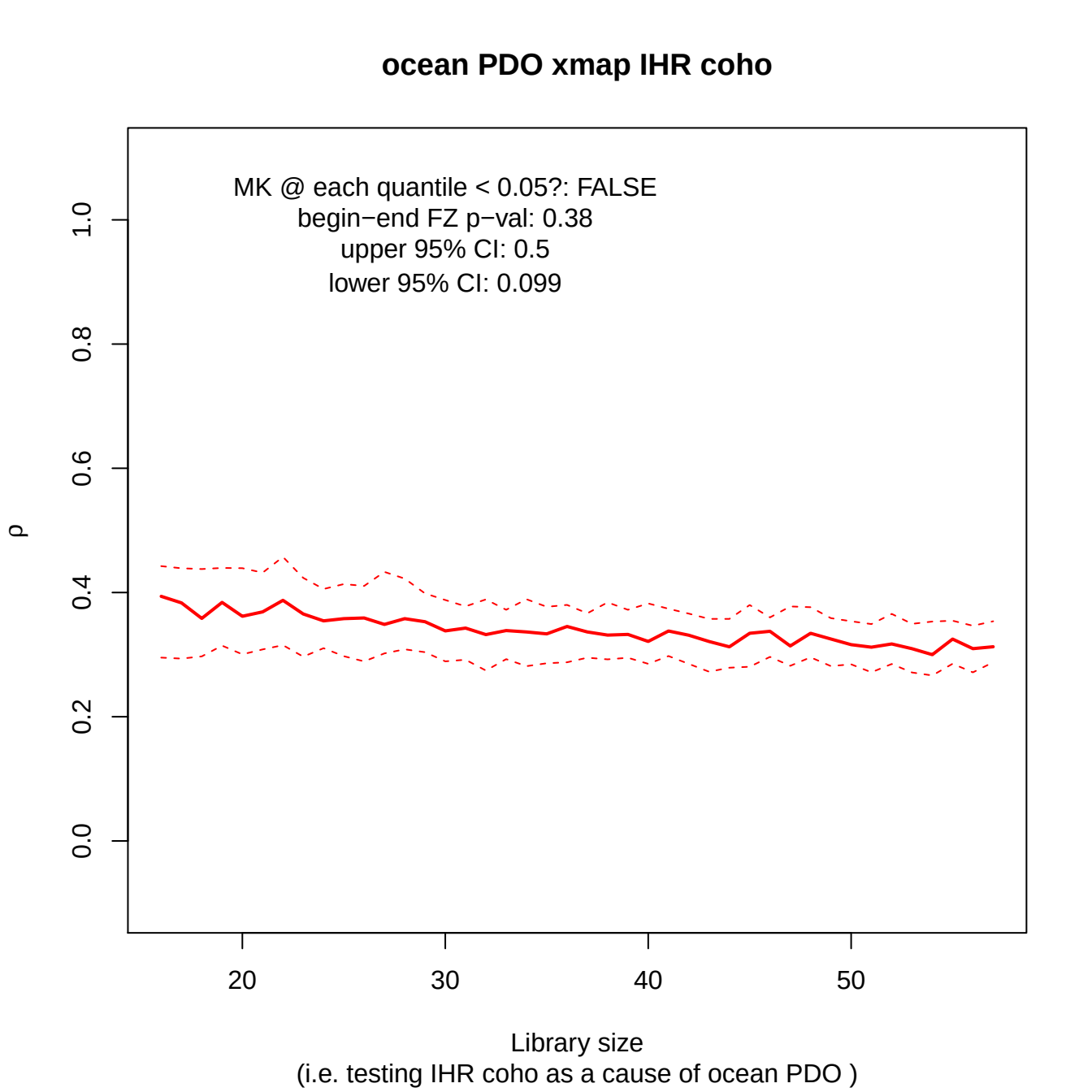

IHR sockeye xmap IHR coho
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.46
upper 95% CI: 0.73
lower 95% CI: 0.45
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR coho as a cause of IHR sockeye)

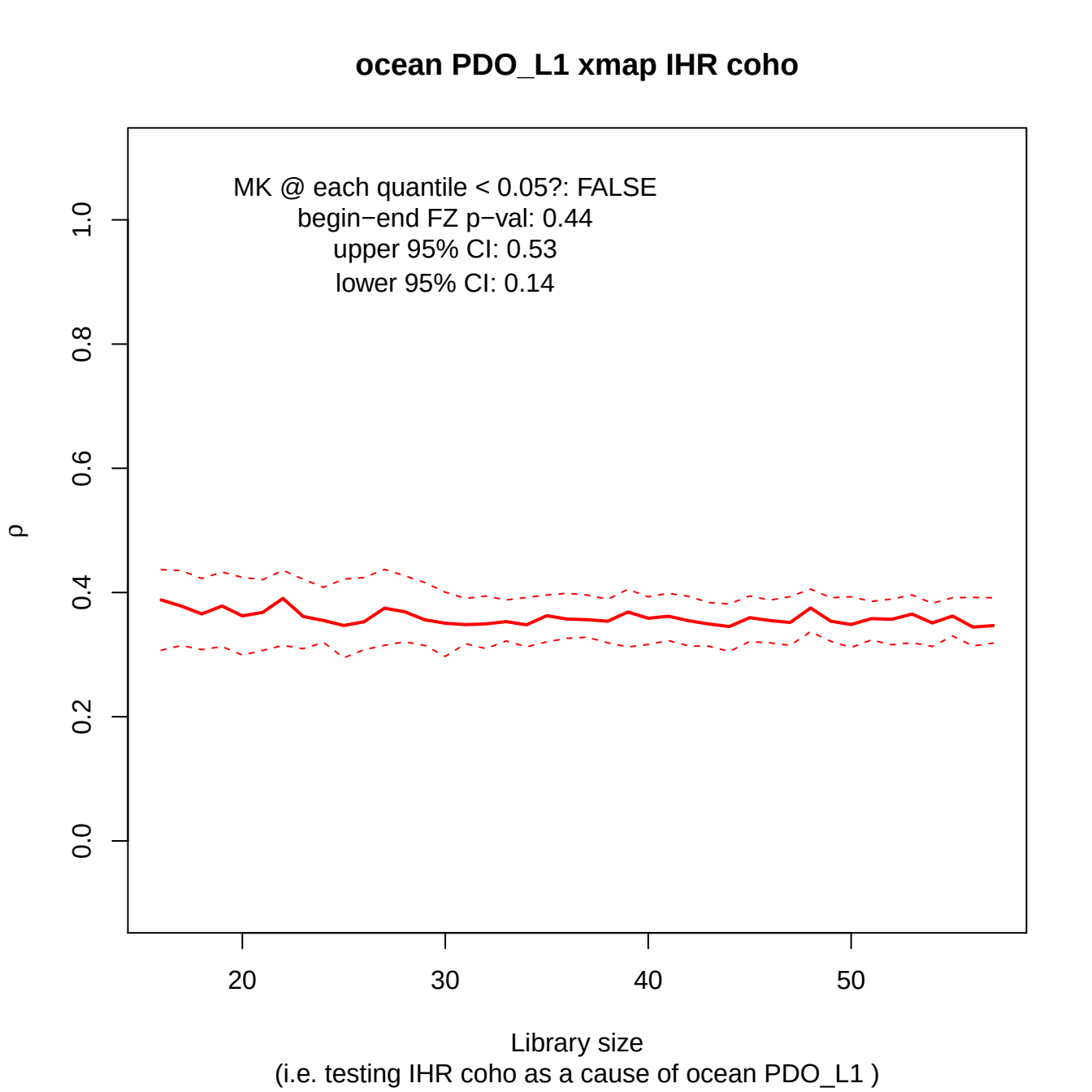

IHR chinook_SS xmap IHR coho
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.48
upper 95% CI: 0.67
lower 95% CI: 0.34
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing IHR coho as a cause of IHR chinook_SS)

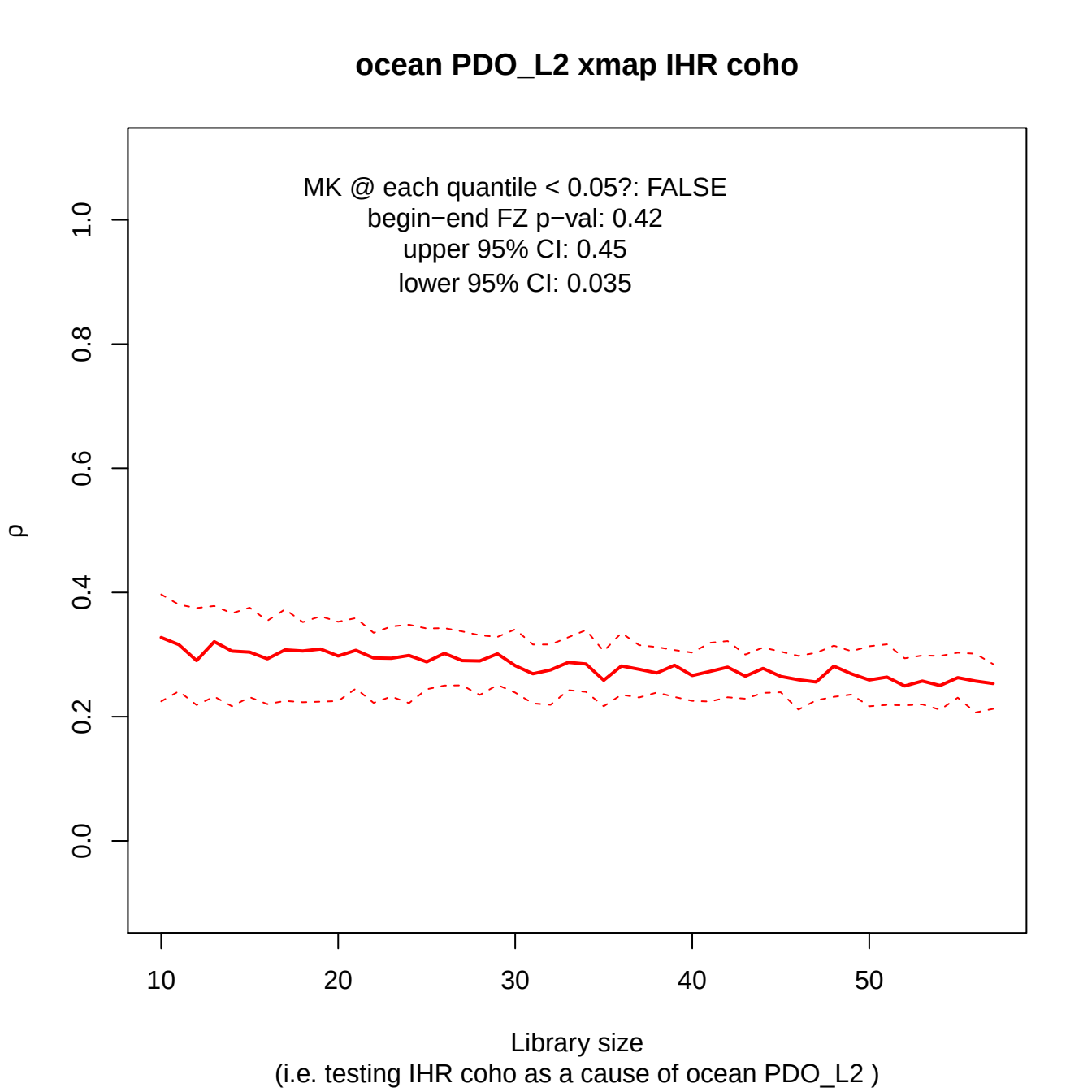

IHR chinook_F xmap IHR coho
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.33
upper 95% CI: 0.63
lower 95% CI: 0.29
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR coho as a cause of IHR chinook_F)

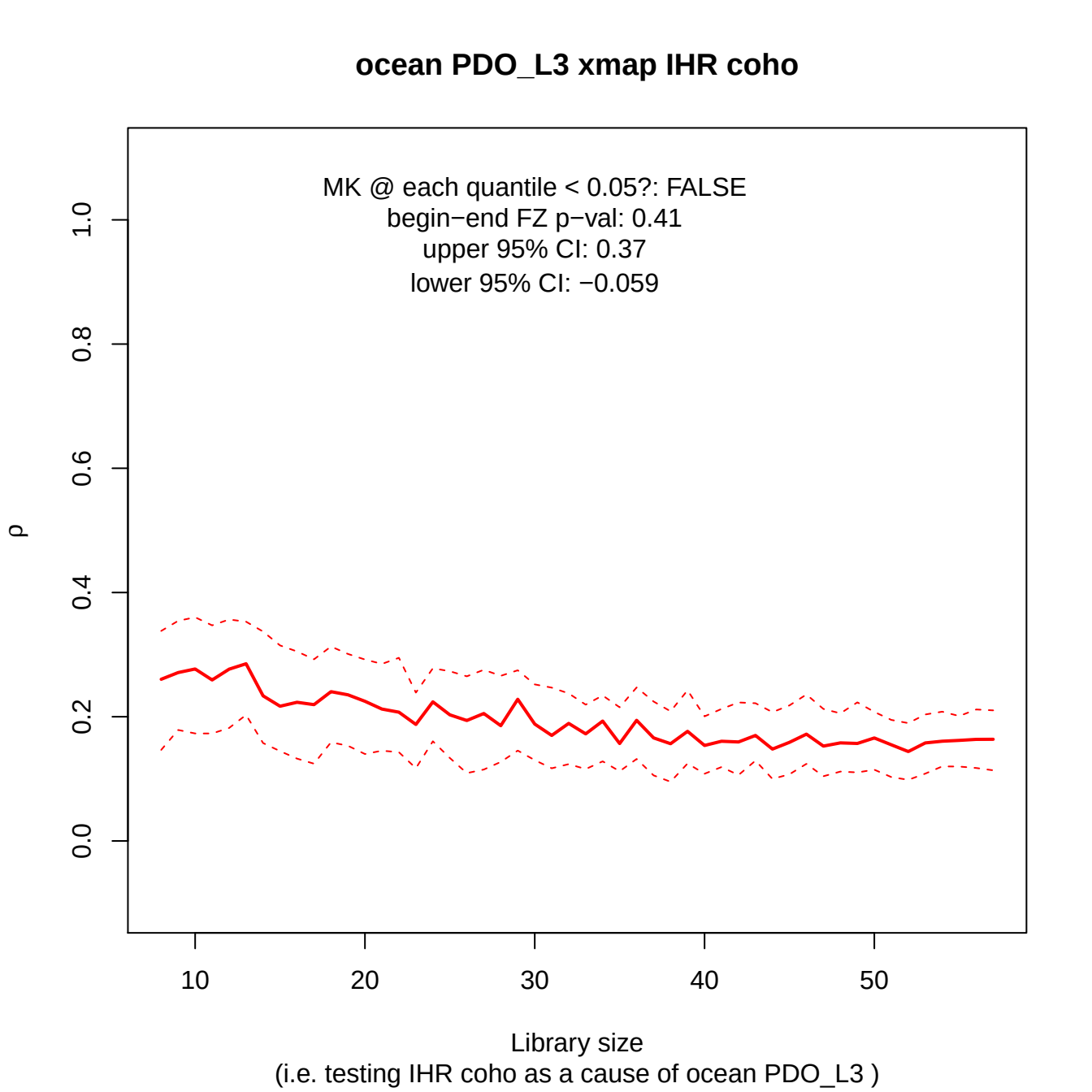

ocean CSL xmap IHR coho
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.48
upper 95% CI: 0.73
lower 95% CI: 0.37
ρ
0.0
0.2
0.4
0.6
0.8
1.0
15
20
25
30
35
40
Library size
(i.e. testing IHR coho as a cause of ocean CSL)

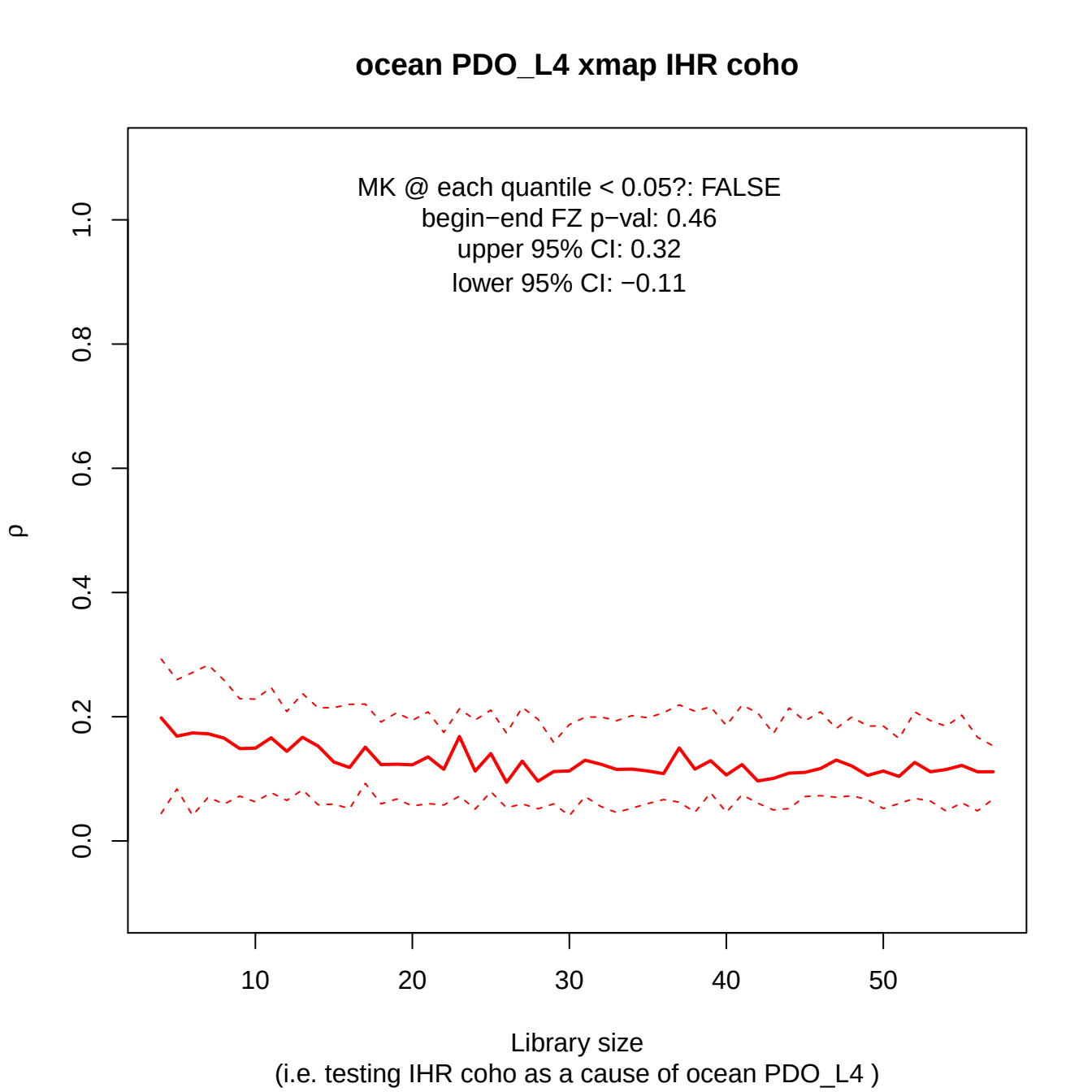

ocean SRKW xmap IHR coho
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.37
upper 95% CI: 0.55
lower 95% CI: 0.091
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing IHR coho as a cause of ocean SRKW)

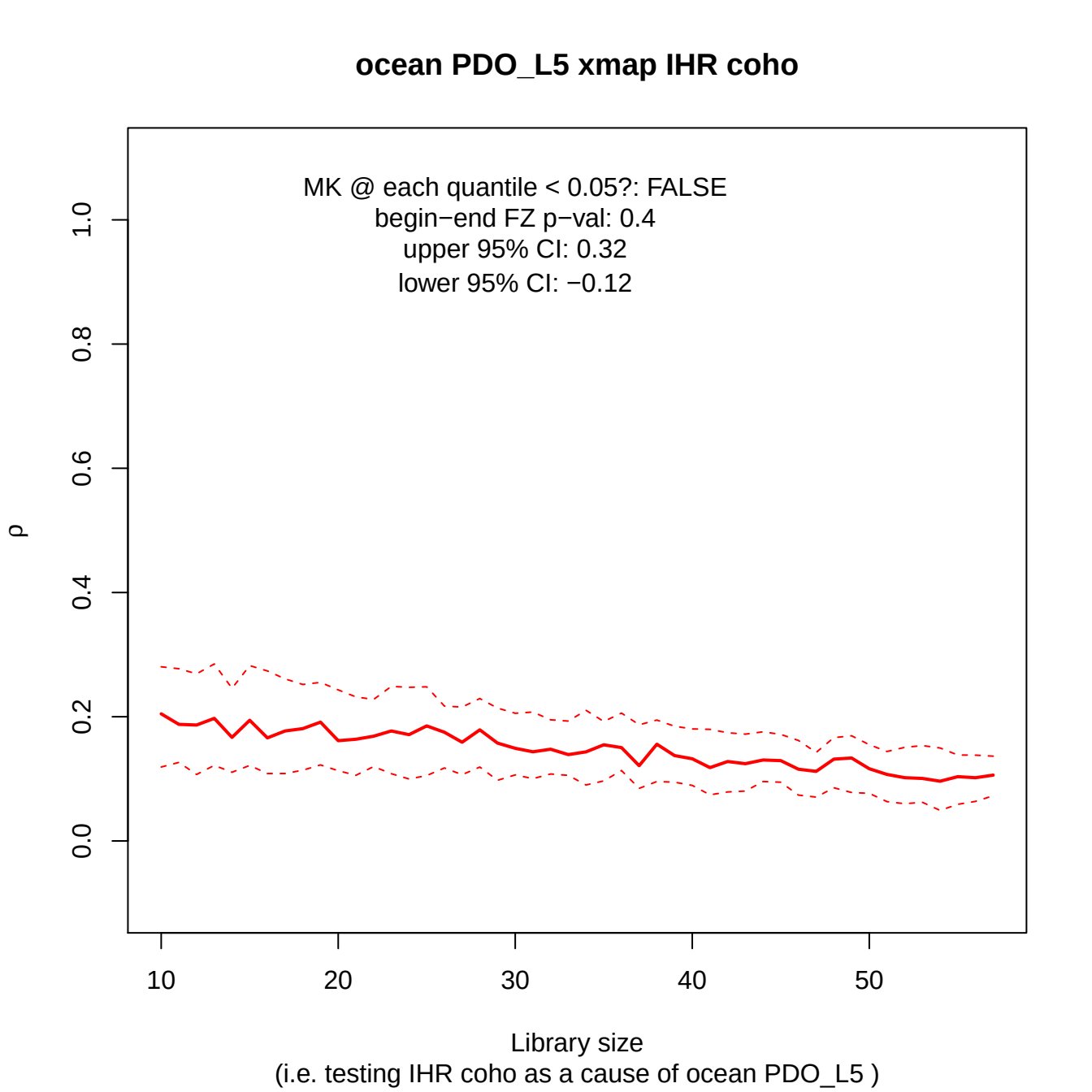

ocean PDO xmap IHR coho
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.38
upper 95% CI: 0.5
lower 95% CI: 0.099
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR coho as a cause of ocean PDO)

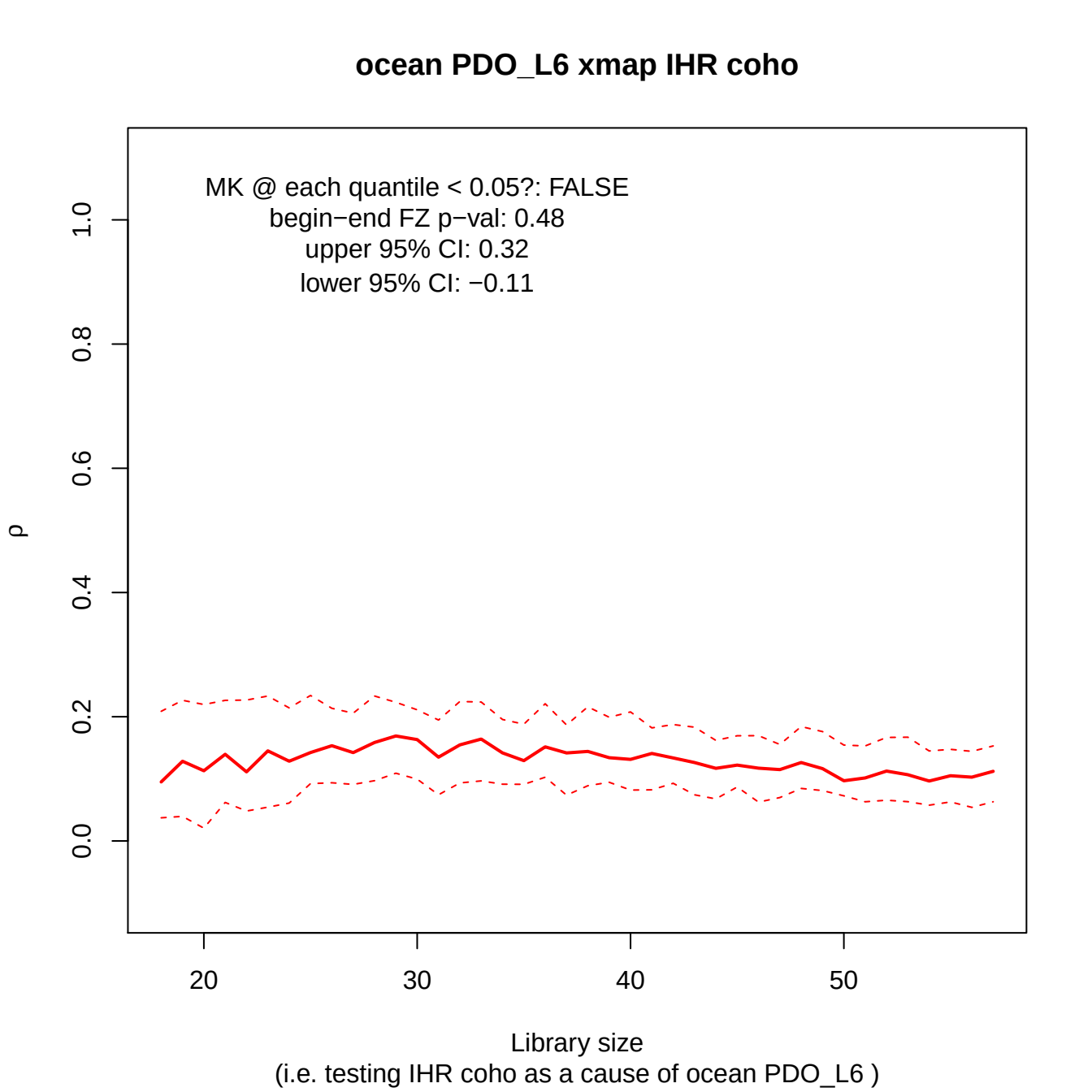

ocean PDO_L1 xmap IHR coho
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.44
upper 95% CI: 0.53
lower 95% CI: 0.14
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR coho as a cause of ocean PDO_L1)

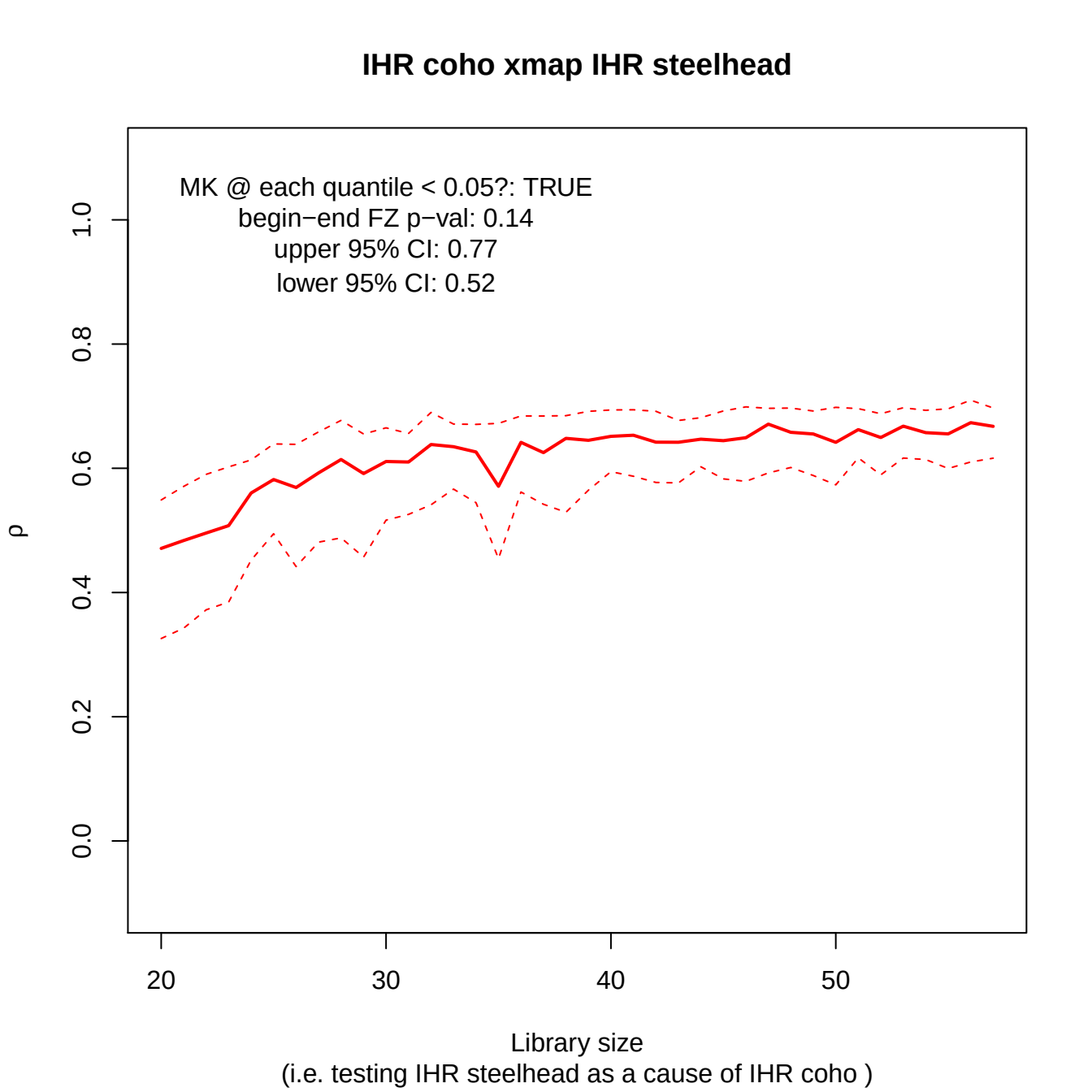

ocean PDO_L2 xmap IHR coho
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.42
upper 95% CI: 0.45
lower 95% CI: 0.035
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing IHR coho as a cause of ocean PDO_L2)

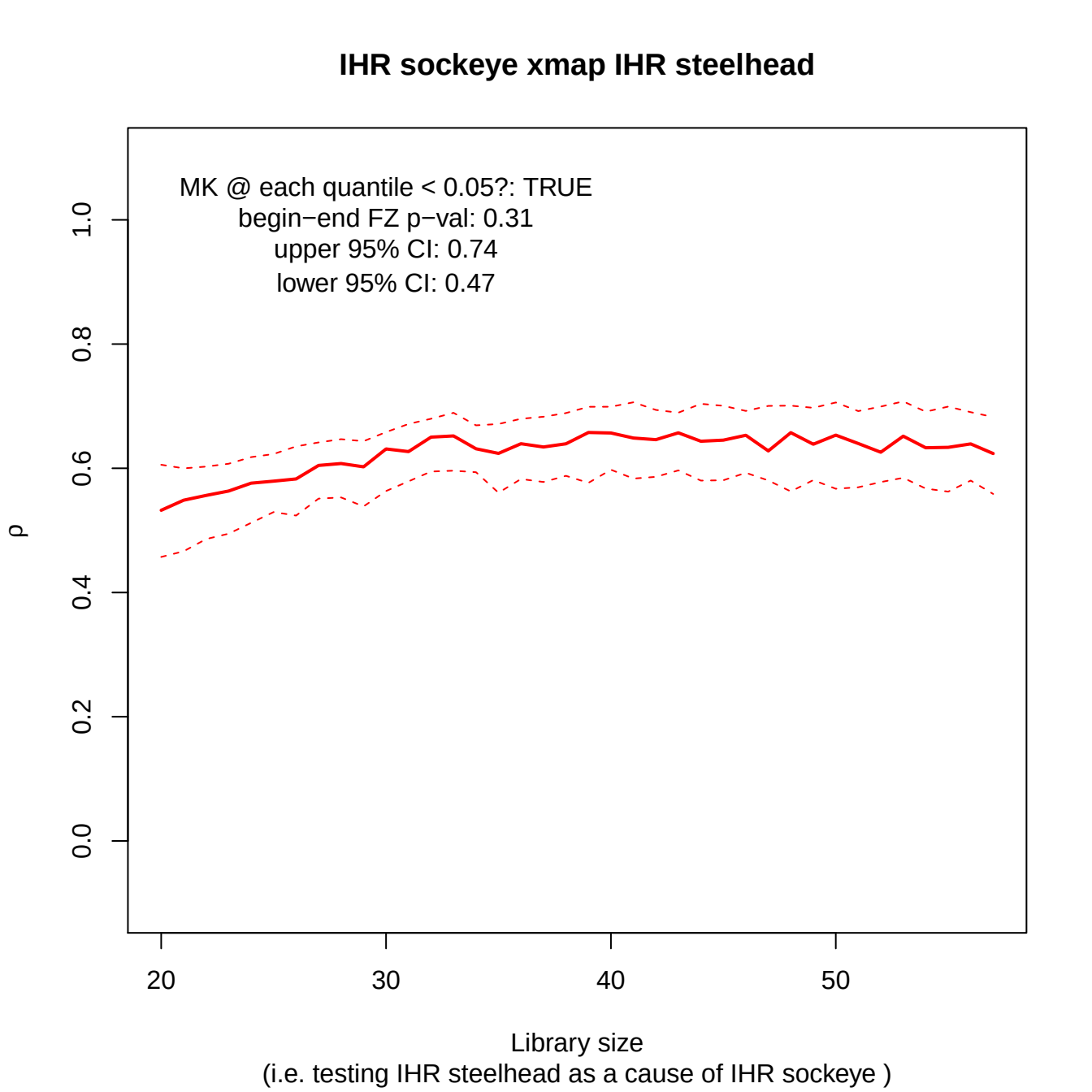

ocean PDO_L3 xmap IHR coho
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.41
upper 95% CI: 0.37
lower 95% CI: −0.059
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing IHR coho as a cause of ocean PDO_L3)

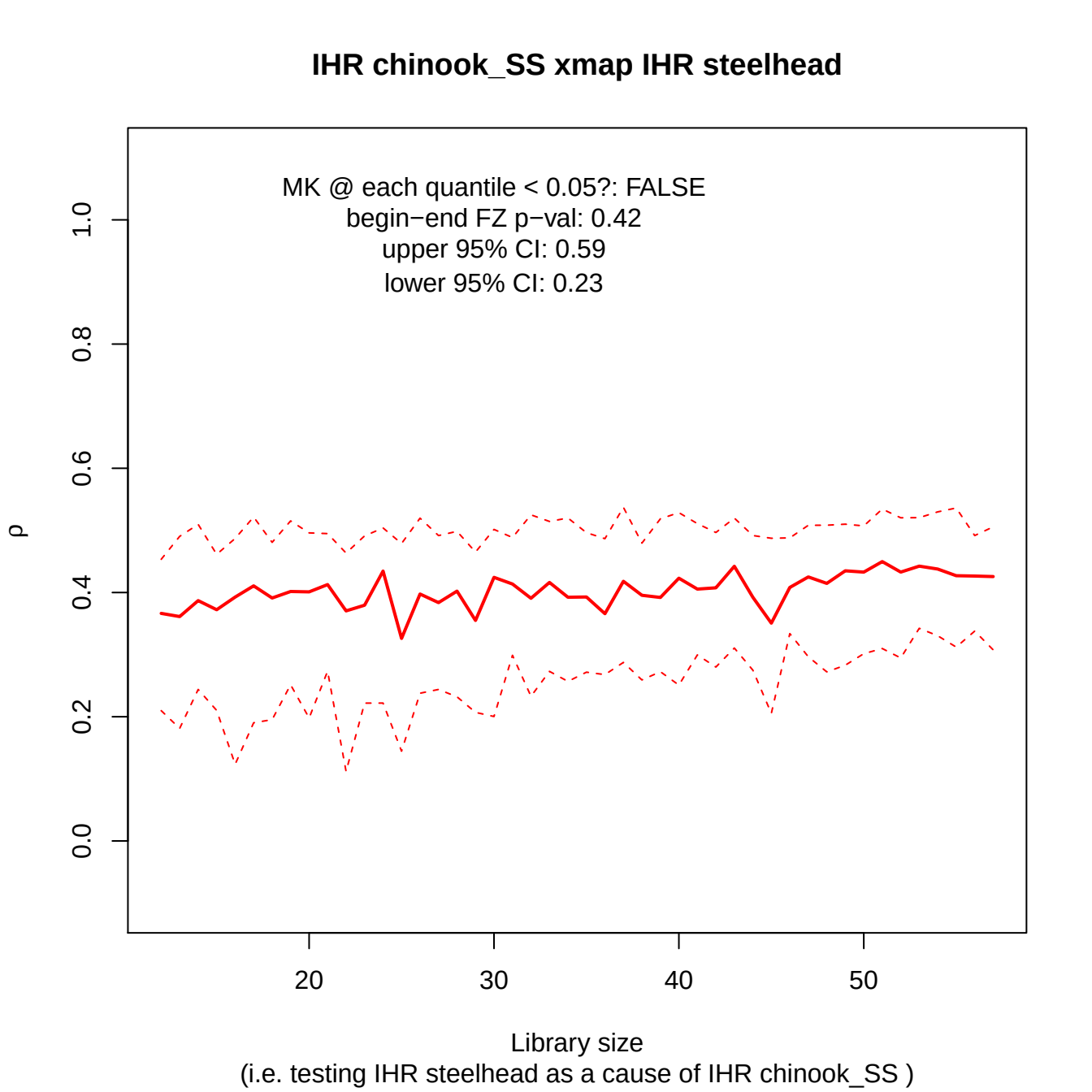

ocean PDO_L4 xmap IHR coho
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.46
upper 95% CI: 0.32
lower 95% CI: −0.11
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing IHR coho as a cause of ocean PDO_L4)

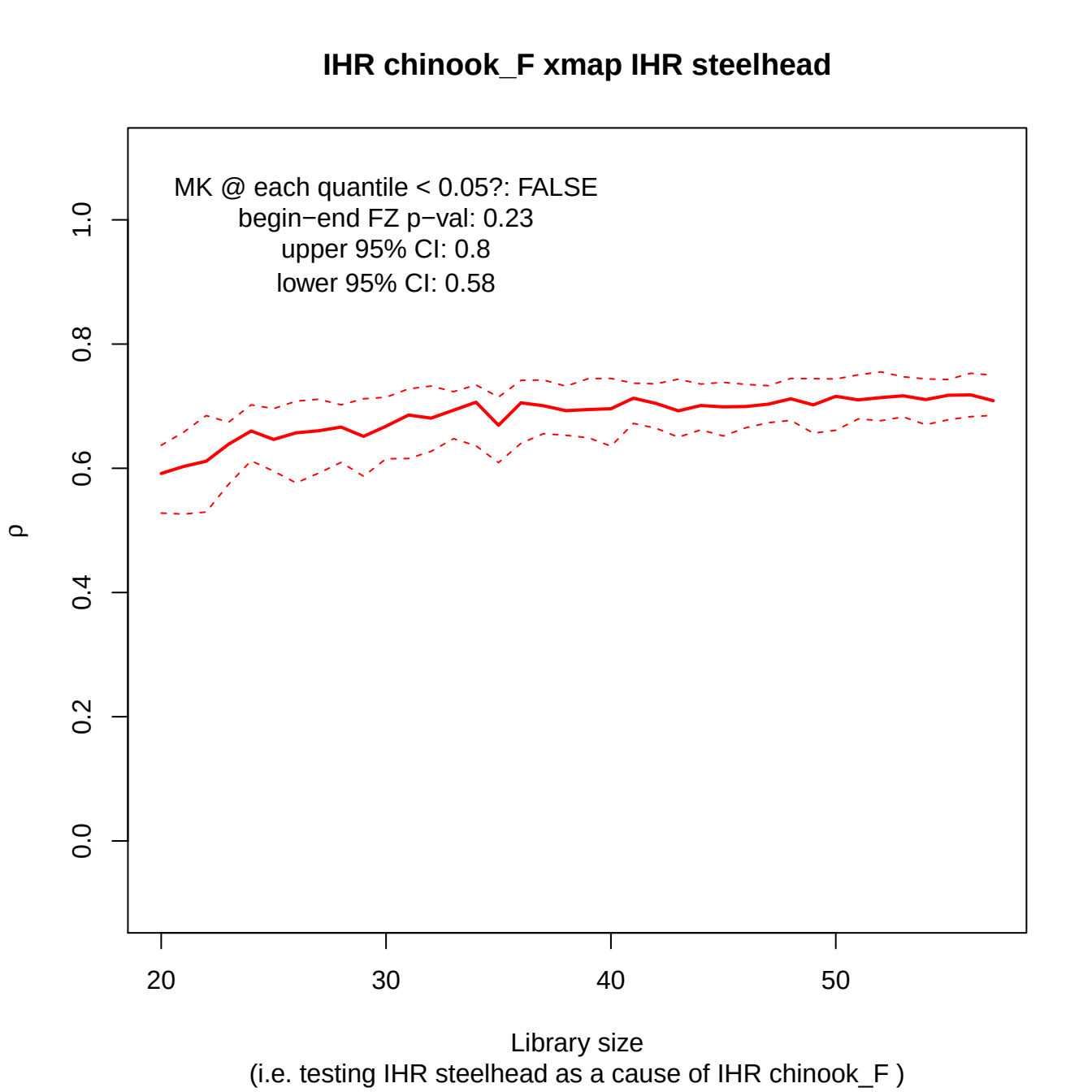

ocean PDO_L5 xmap IHR coho
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.4
upper 95% CI: 0.32
lower 95% CI: −0.12
ρ
1.0
0.8
0.6
0.4
0.2
0.0
10
20
30
40
50
Library size
(i.e. testing IHR coho as a cause of ocean PDO_L5)

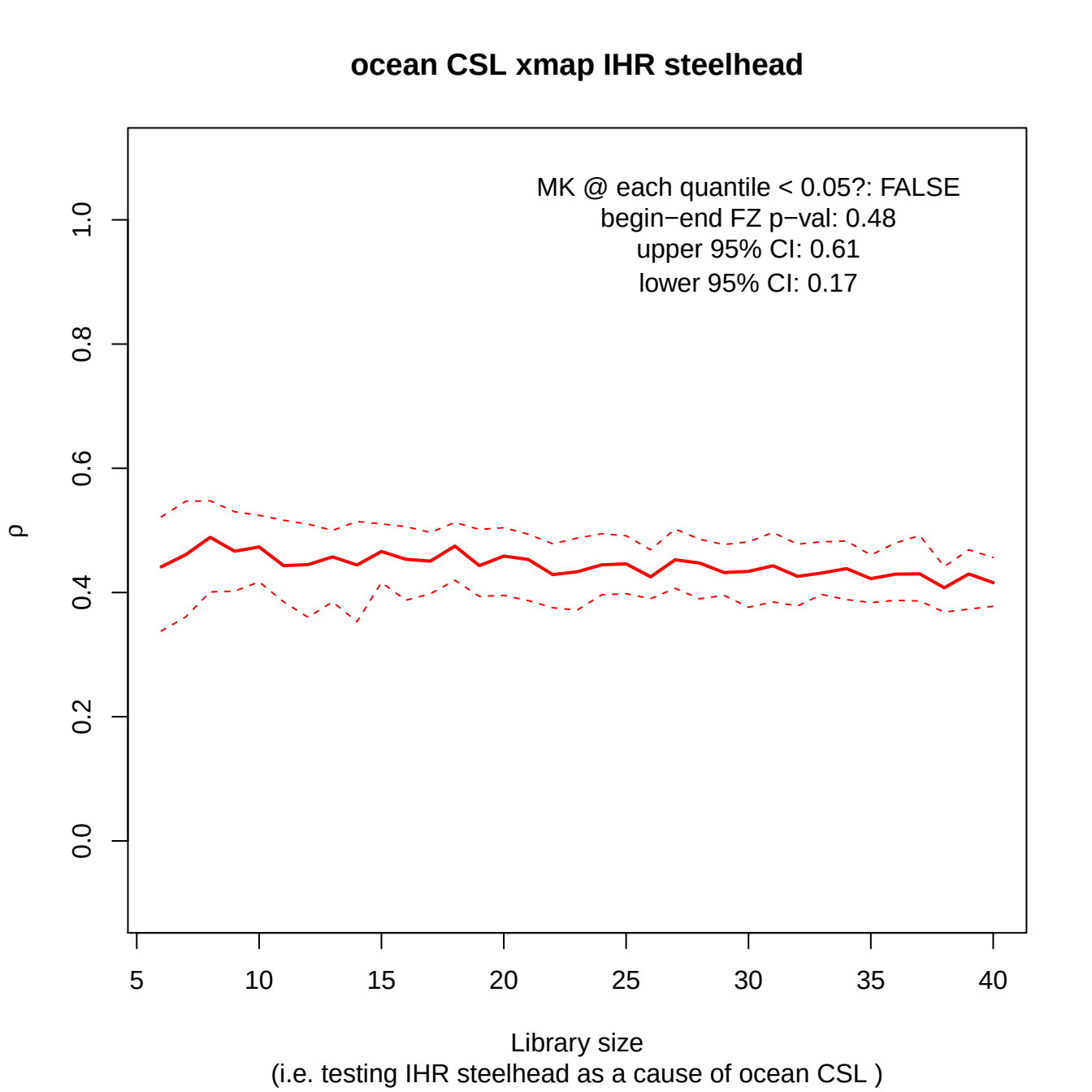

ocean PDO_L6 xmap IHR coho
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.48
upper 95% CI: 0.32
lower 95% CI: −0.11
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR coho as a cause of ocean PDO_L6)

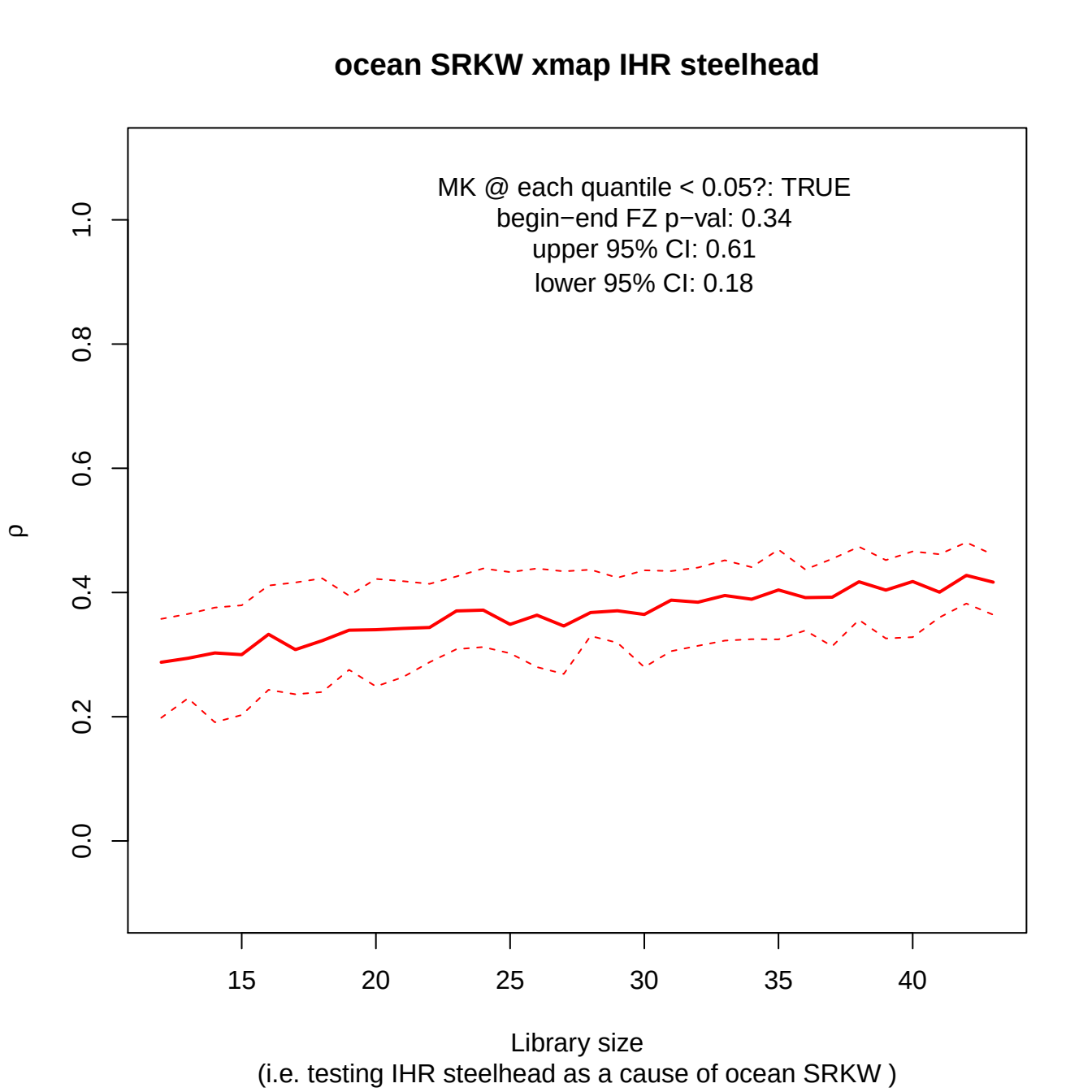

IHR coho xmap IHR steelhead
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.14
upper 95% CI: 0.77
lower 95% CI: 0.52
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR steelhead as a cause of IHR coho)

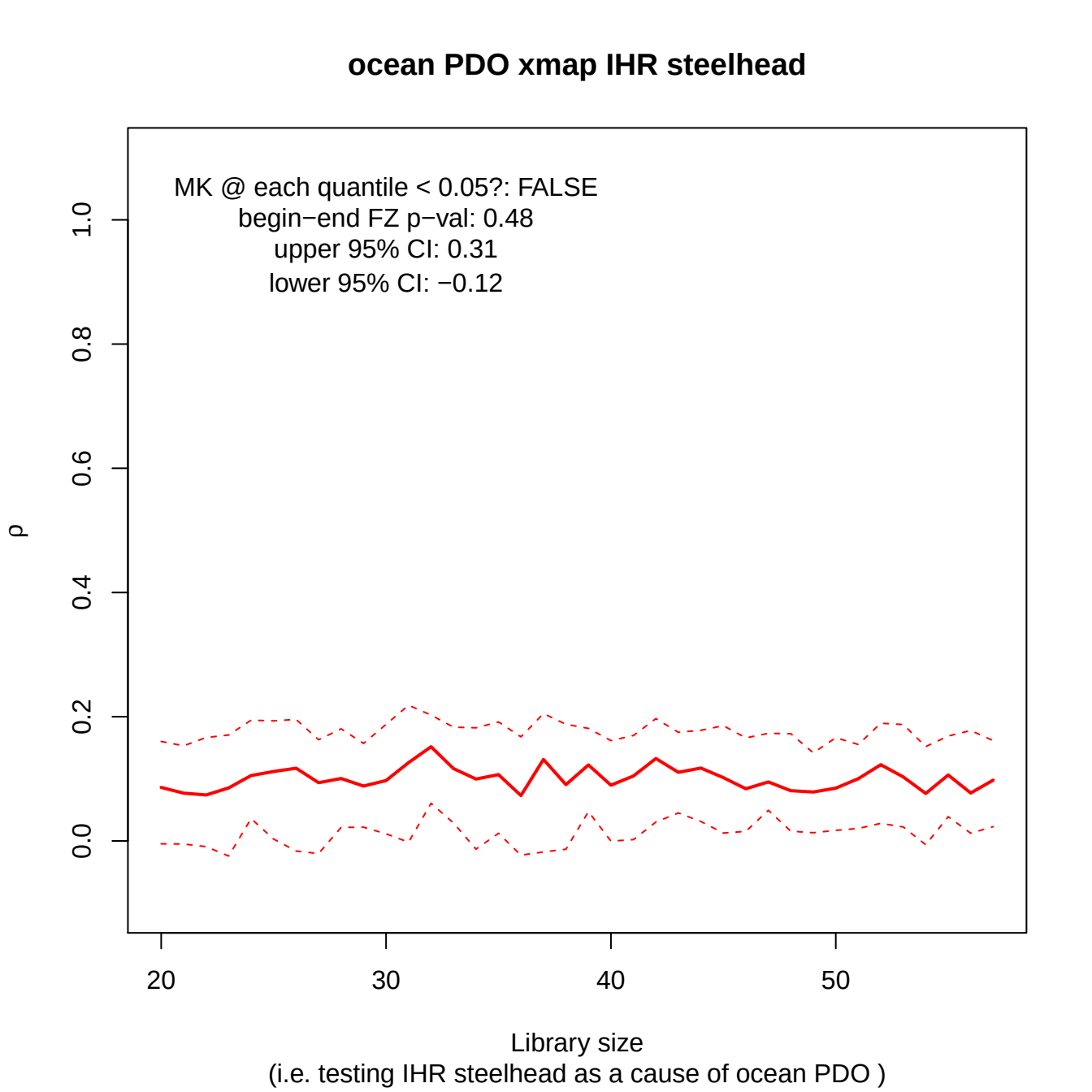

IHR sockeye xmap IHR steelhead
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.31
upper 95% CI: 0.74
lower 95% CI: 0.47
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR steelhead as a cause of IHR sockeye)

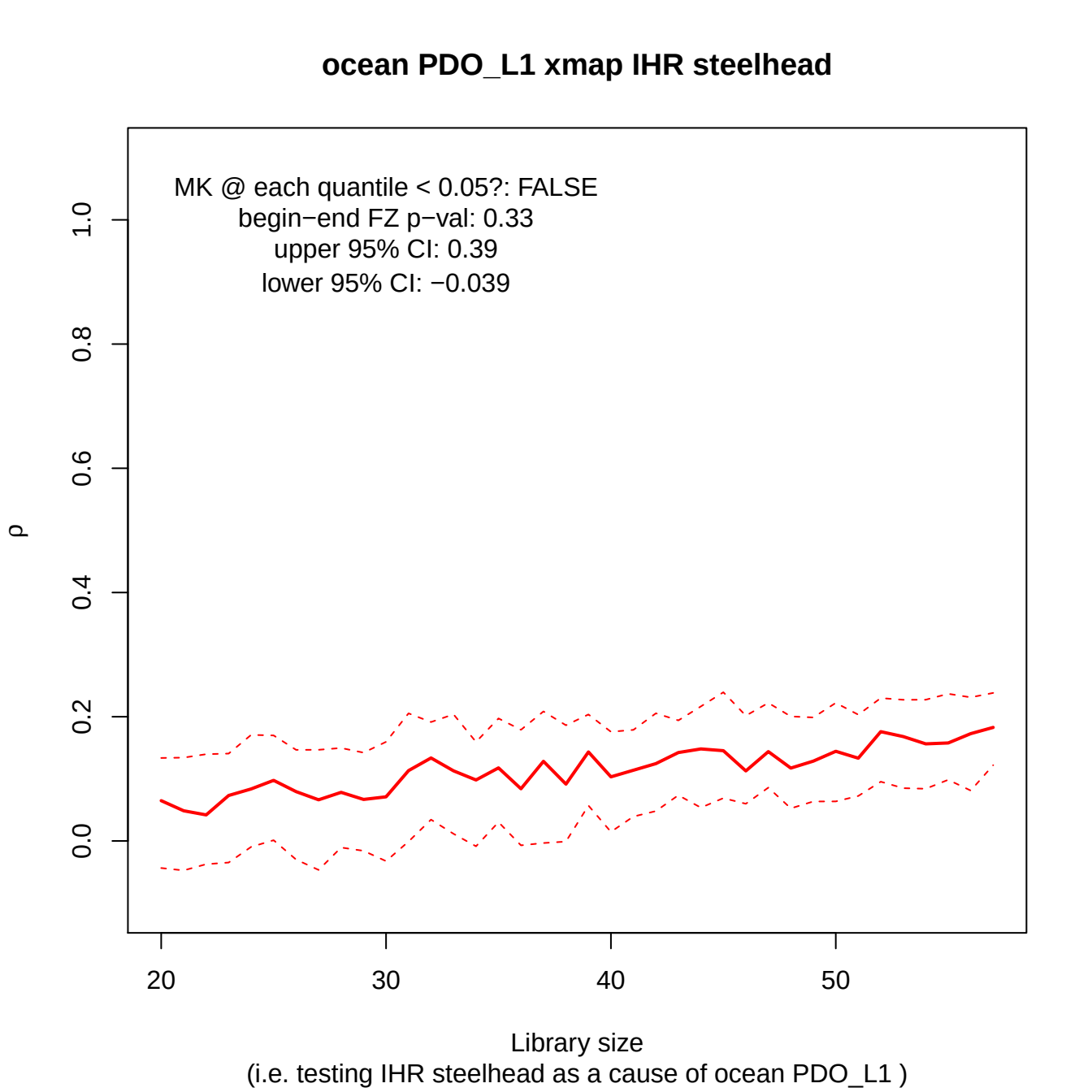

IHR chinook_SS xmap IHR steelhead
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.42
upper 95% CI: 0.59
lower 95% CI: 0.23
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR steelhead as a cause of IHR chinook_SS)

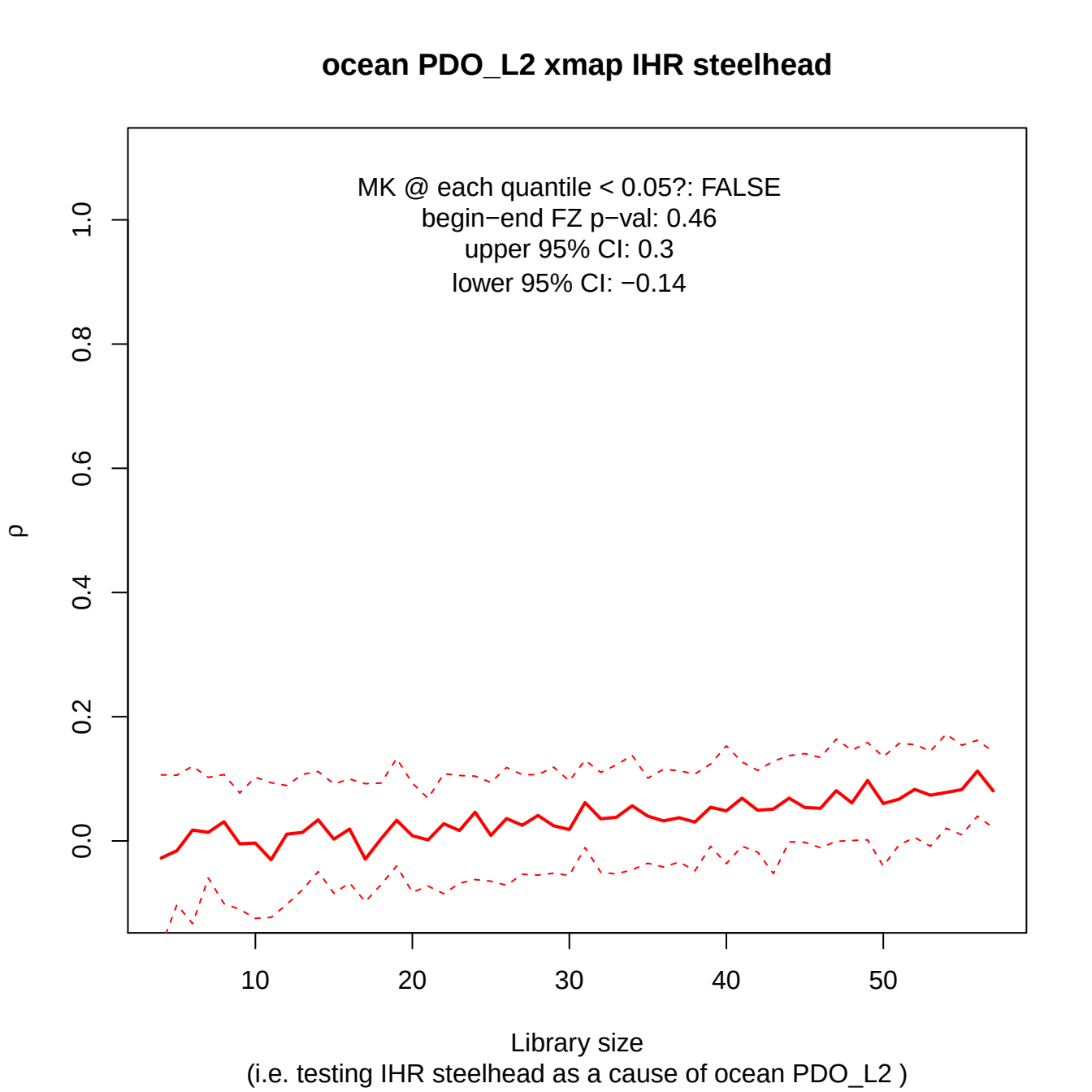

IHR chinook_F xmap IHR steelhead
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.23
upper 95% CI: 0.8
lower 95% CI: 0.58
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR steelhead as a cause of IHR chinook_F)

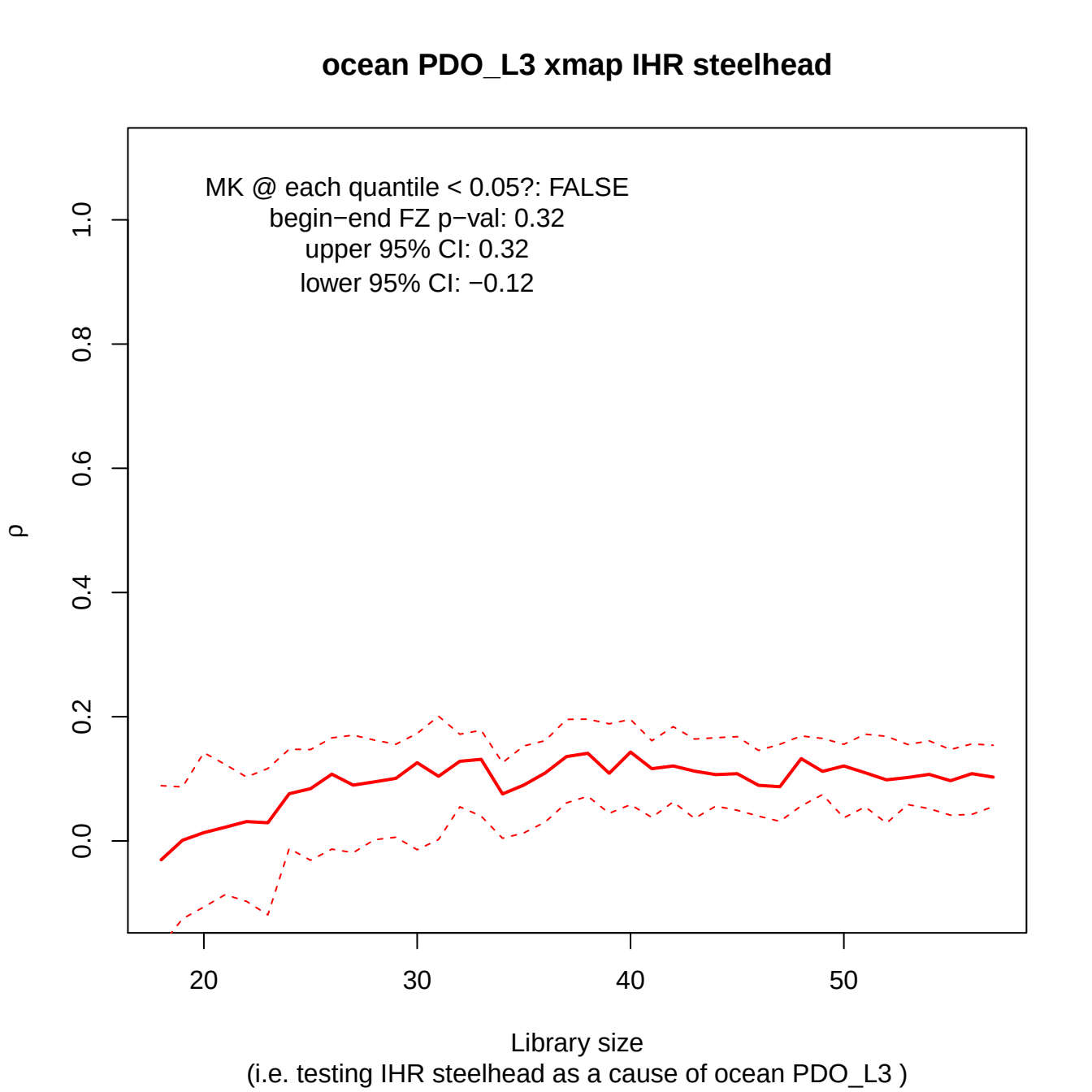

ocean CSL xmap IHR steelhead
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.48
upper 95% CI: 0.61
lower 95% CI: 0.17
ρ
0.0
0.2
0.4
0.6
0.8
1.0
5
10
15
20
25
30
35
40
Library size
(i.e. testing IHR steelhead as a cause of ocean CSL)

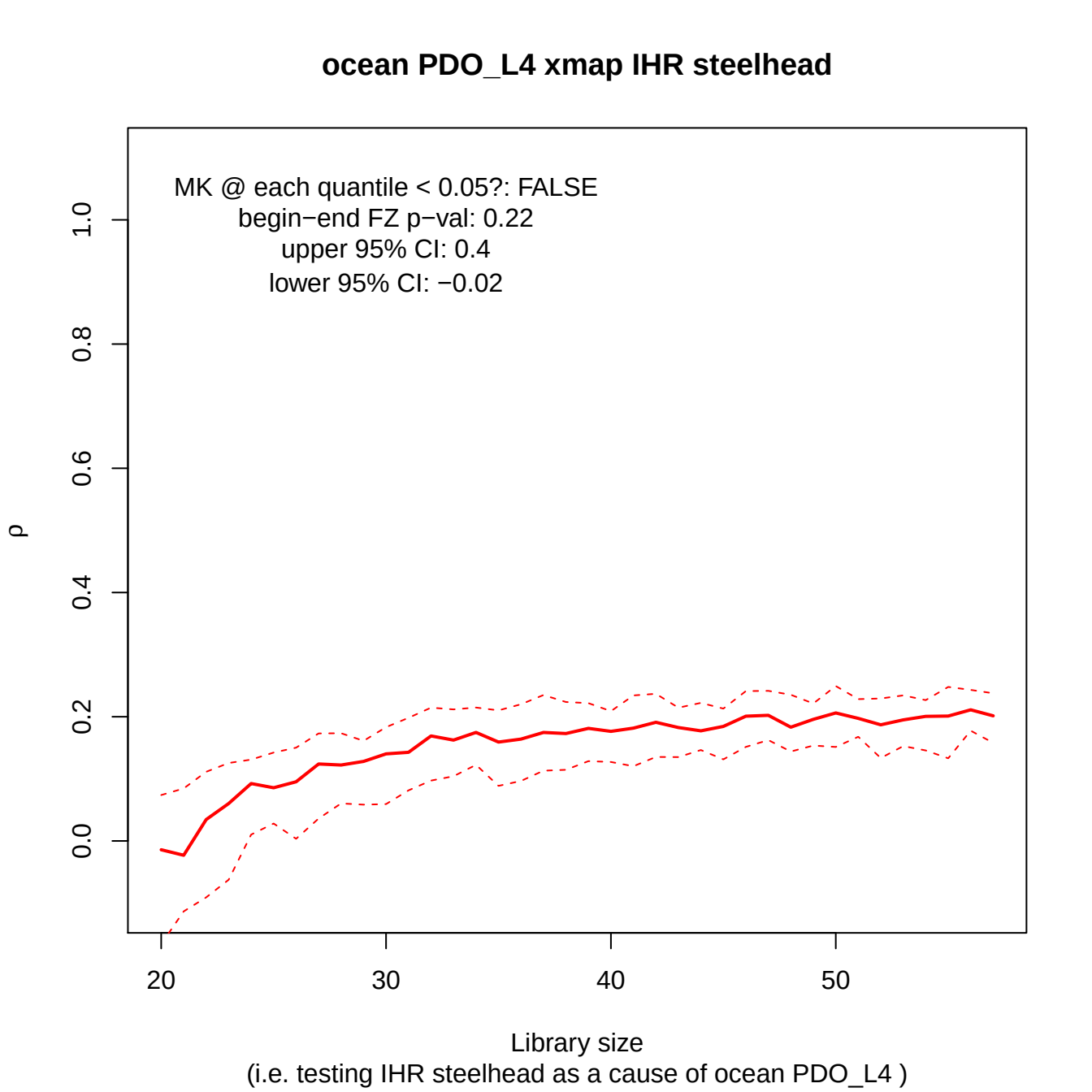

ocean SRKW xmap IHR steelhead
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.34
upper 95% CI: 0.61
lower 95% CI: 0.18
ρ
0.0
0.2
0.4
0.6
0.8
1.0
15
20
25
30
35
40
Library size
(i.e. testing IHR steelhead as a cause of ocean SRKW)

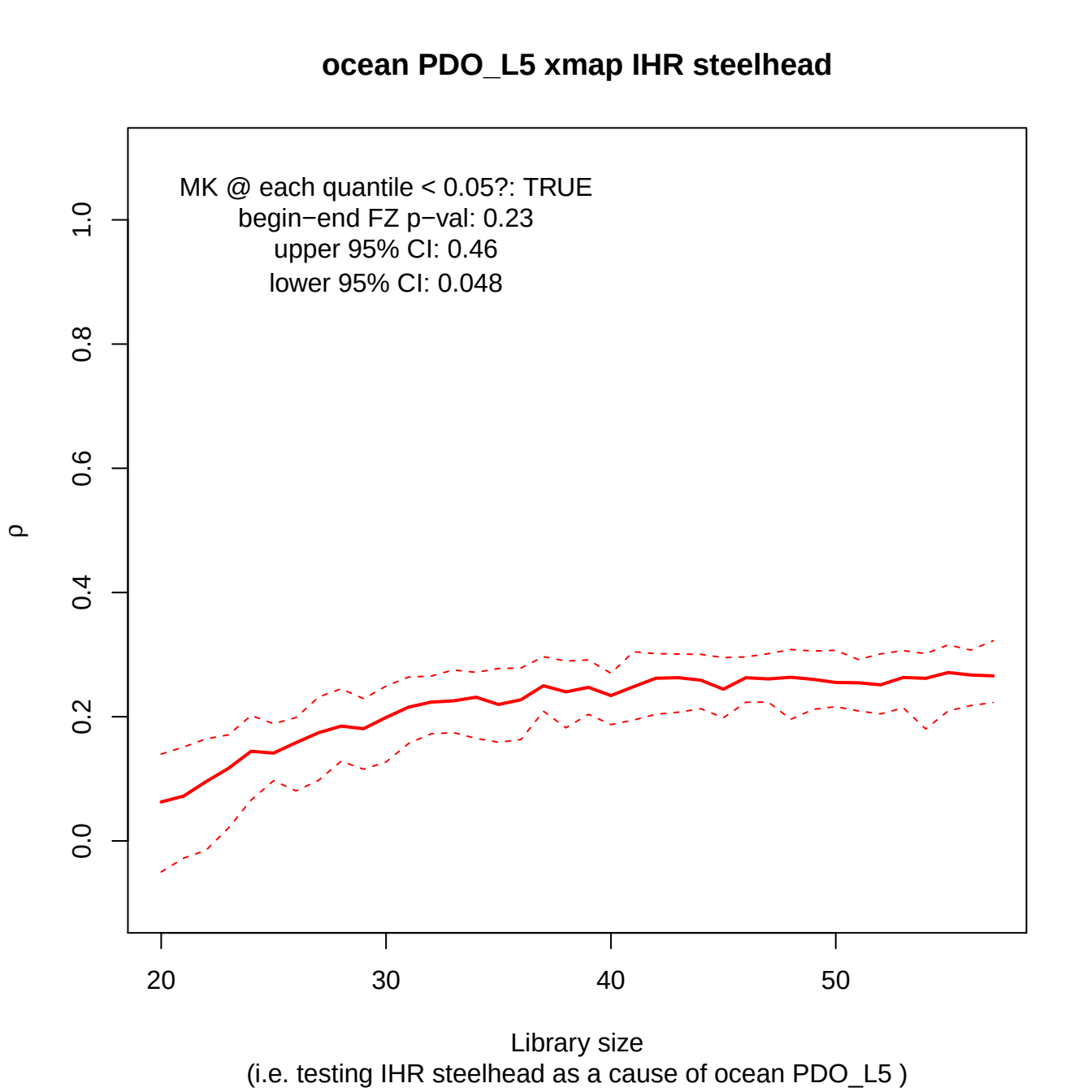

ocean PDO xmap IHR steelhead
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.48
upper 95% CI: 0.31
lower 95% CI: −0.12
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR steelhead as a cause of ocean PDO)

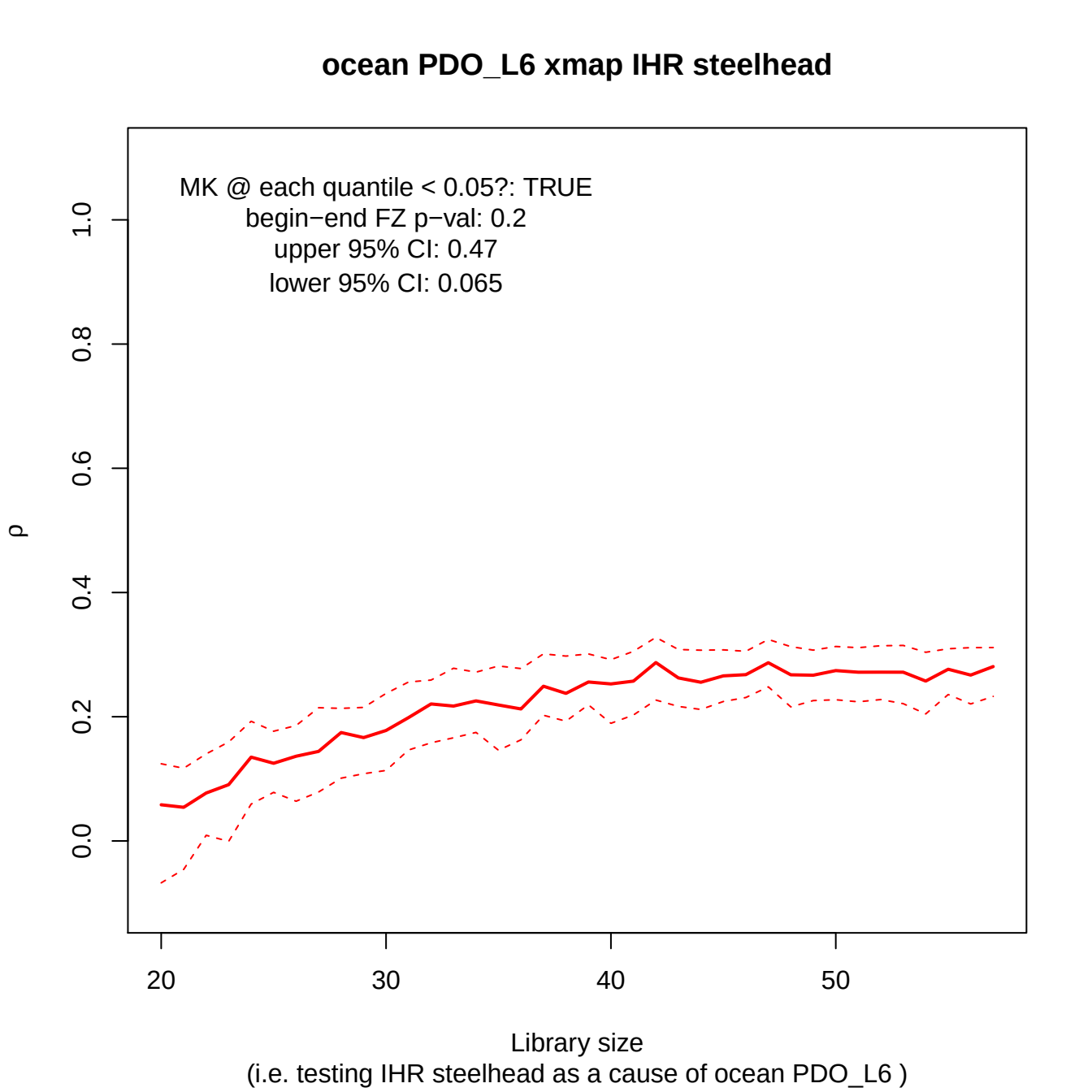

ocean PDO_L1 xmap IHR steelhead
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.33
upper 95% CI: 0.39
lower 95% CI: −0.039
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR steelhead as a cause of ocean PDO_L1)

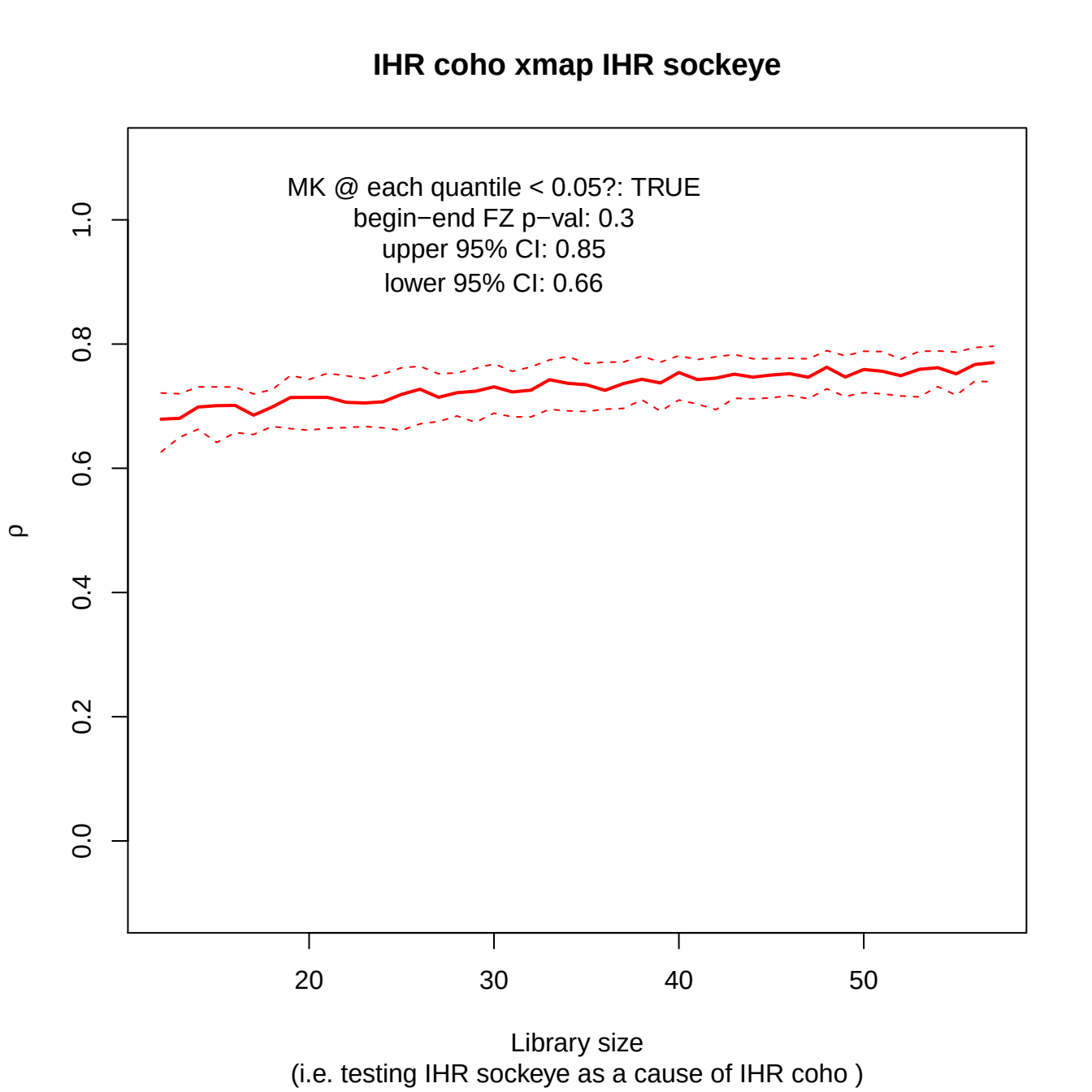

ocean PDO_L2 xmap IHR steelhead
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.46
upper 95% CI: 0.3
lower 95% CI: −0.14
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing IHR steelhead as a cause of ocean PDO_L2)

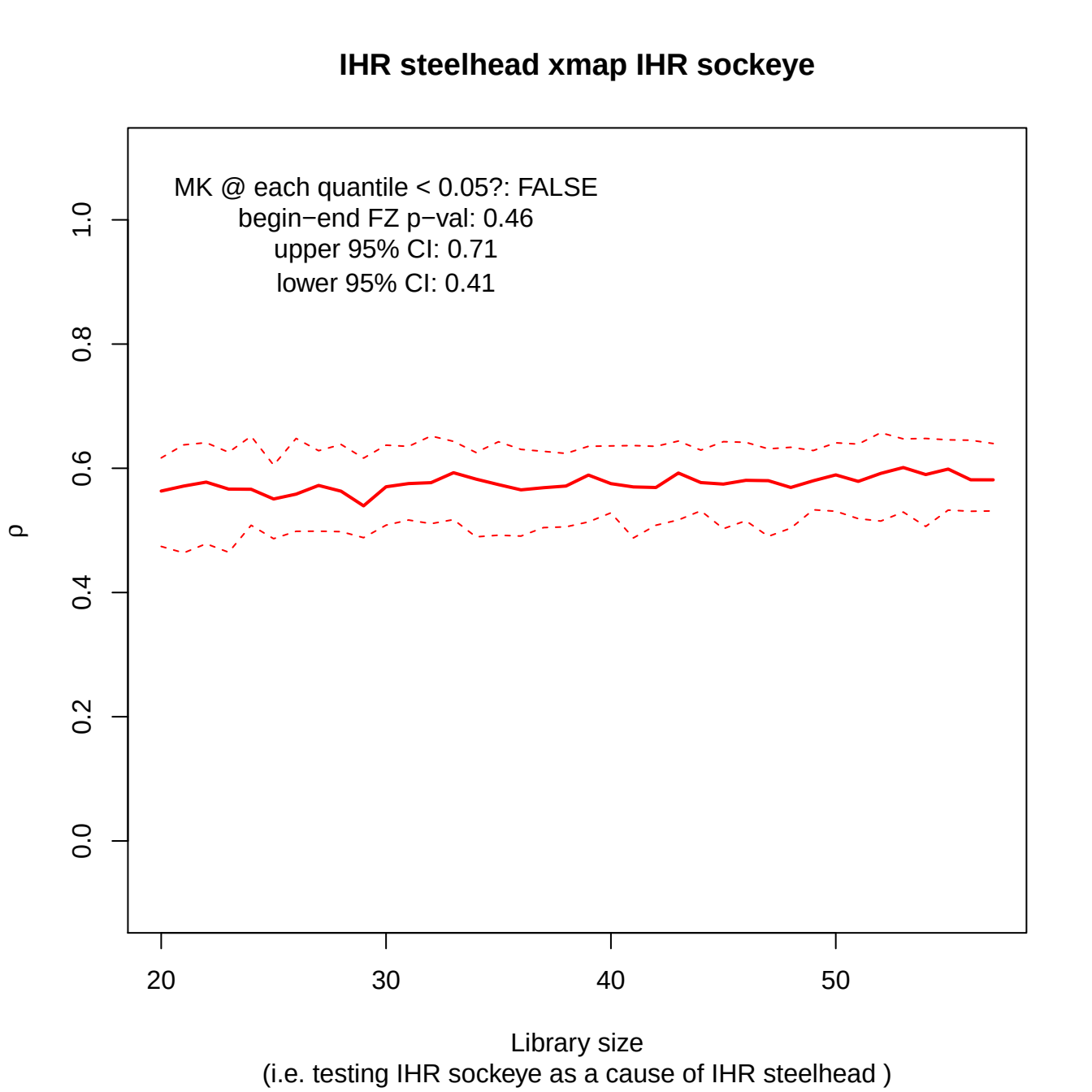

ocean PDO_L3 xmap IHR steelhead
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.32
upper 95% CI: 0.32
lower 95% CI: −0.12
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR steelhead as a cause of ocean PDO_L3)

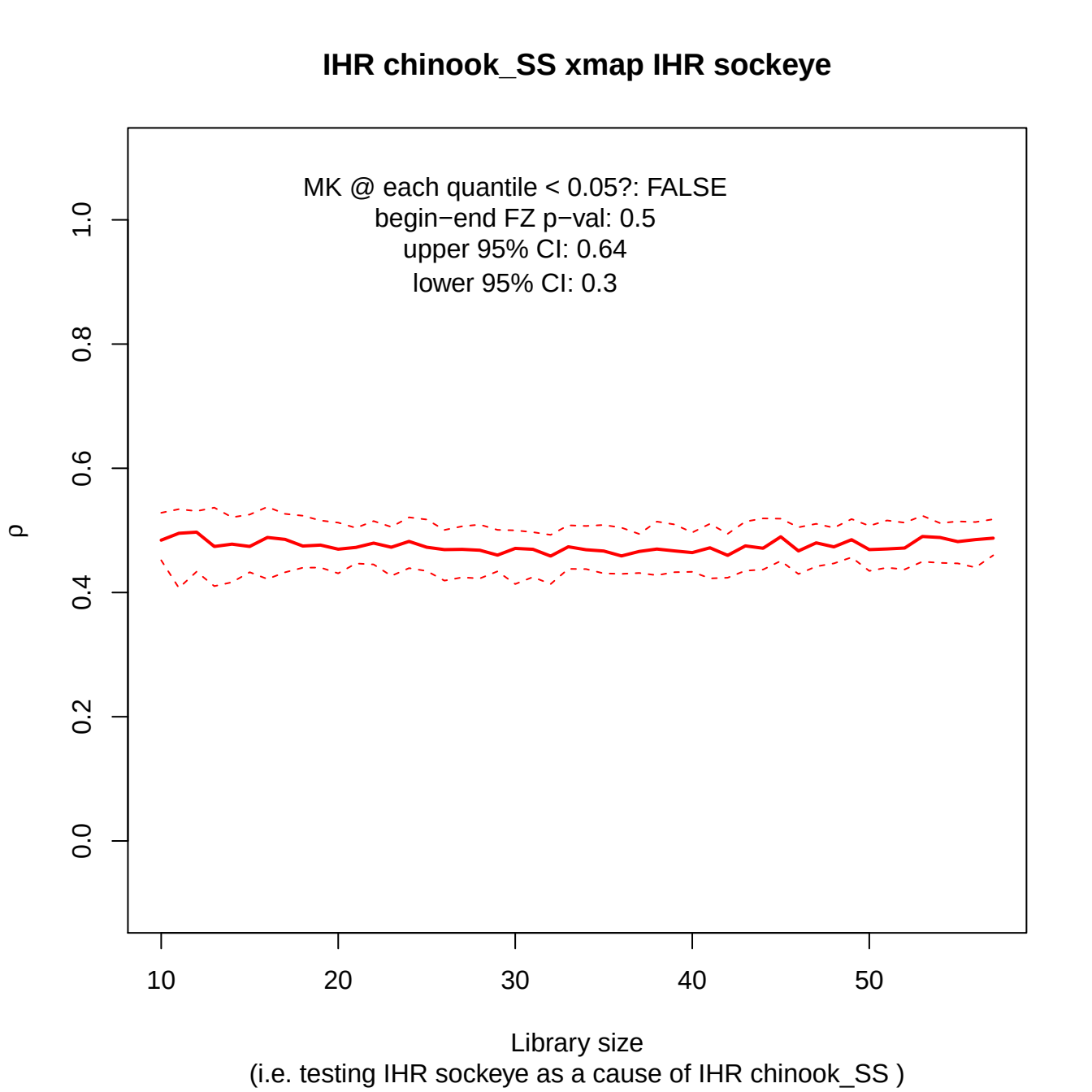

ocean PDO_L4 xmap IHR steelhead
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.22
upper 95% CI: 0.4
lower 95% CI: −0.02
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR steelhead as a cause of ocean PDO_L4)

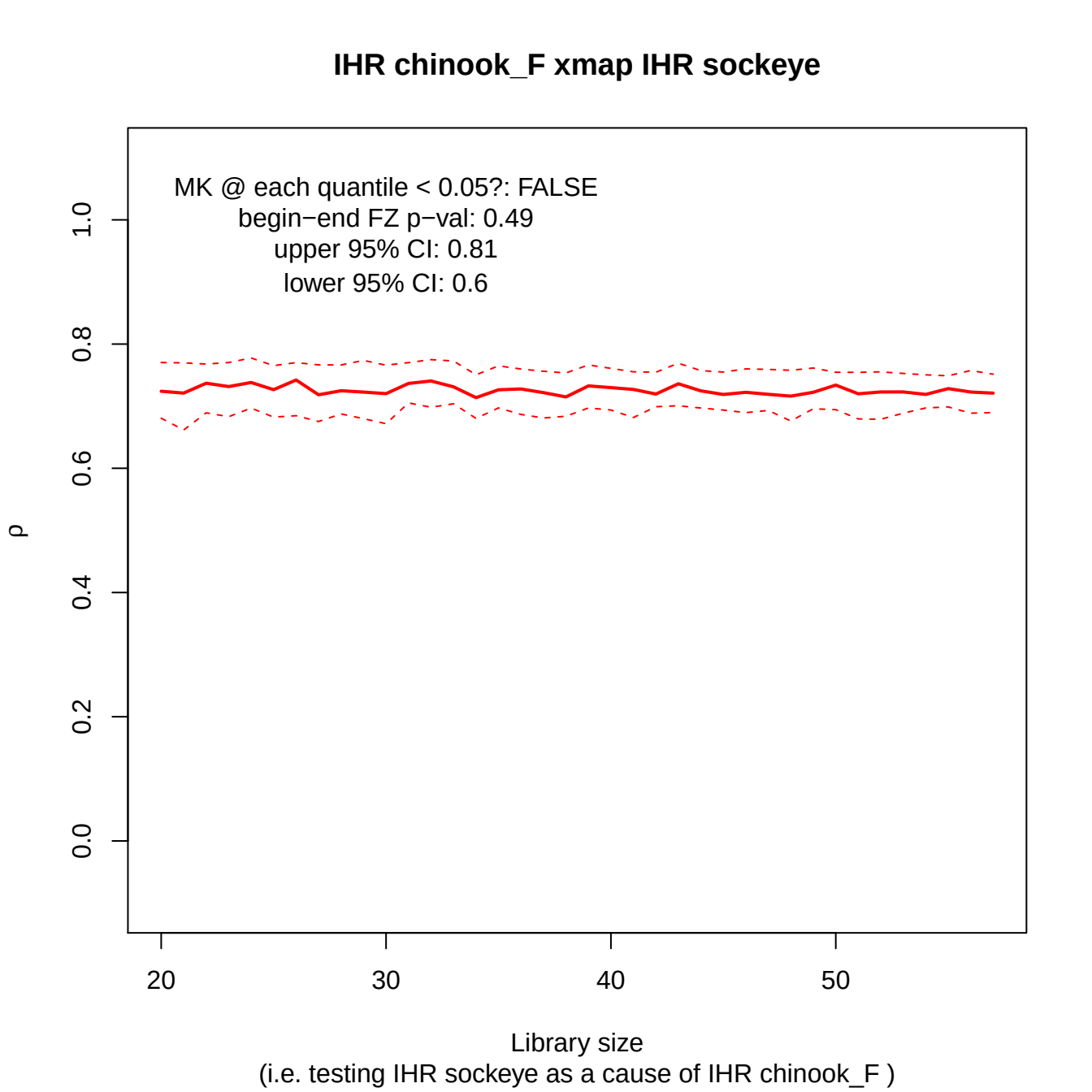

ocean PDO_L5 xmap IHR steelhead
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.23
upper 95% CI: 0.46
lower 95% CI: 0.048
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR steelhead as a cause of ocean PDO_L5)

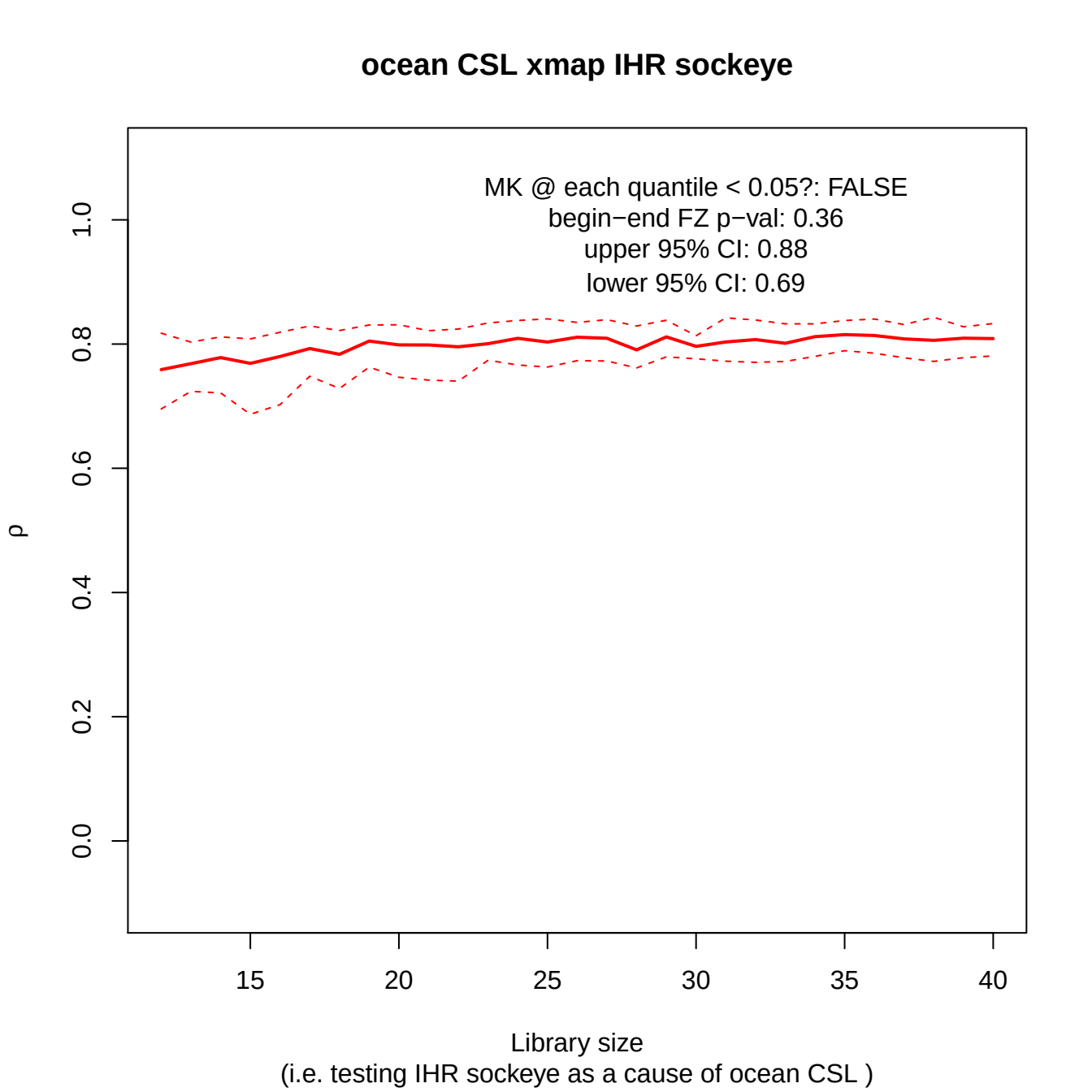

ocean PDO_L6 xmap IHR steelhead
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.2
upper 95% CI: 0.47
lower 95% CI: 0.065
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR steelhead as a cause of ocean PDO_L6)

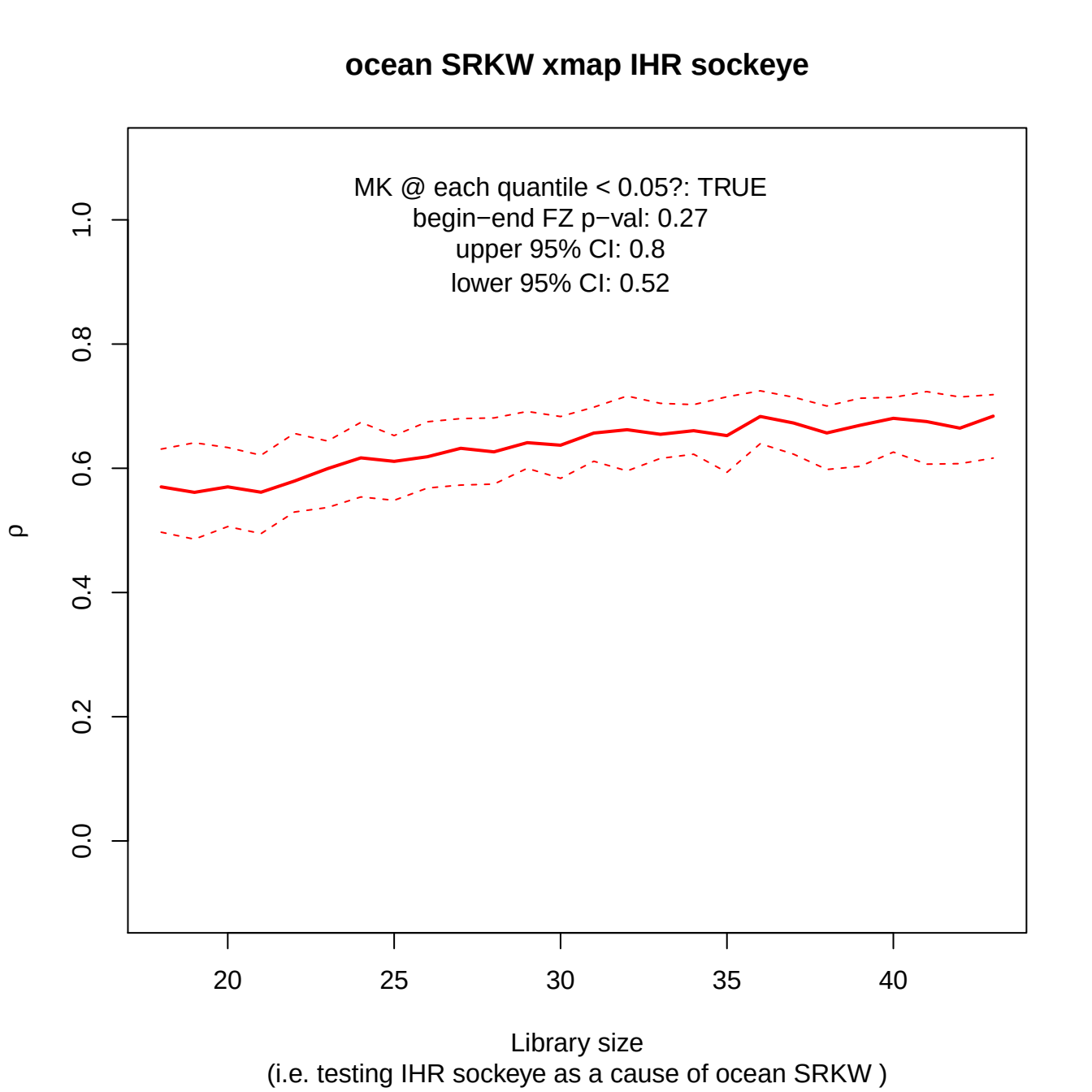

IHR coho xmap IHR sockeye
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.3
upper 95% CI: 0.85
lower 95% CI: 0.66
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR sockeye as a cause of IHR coho)

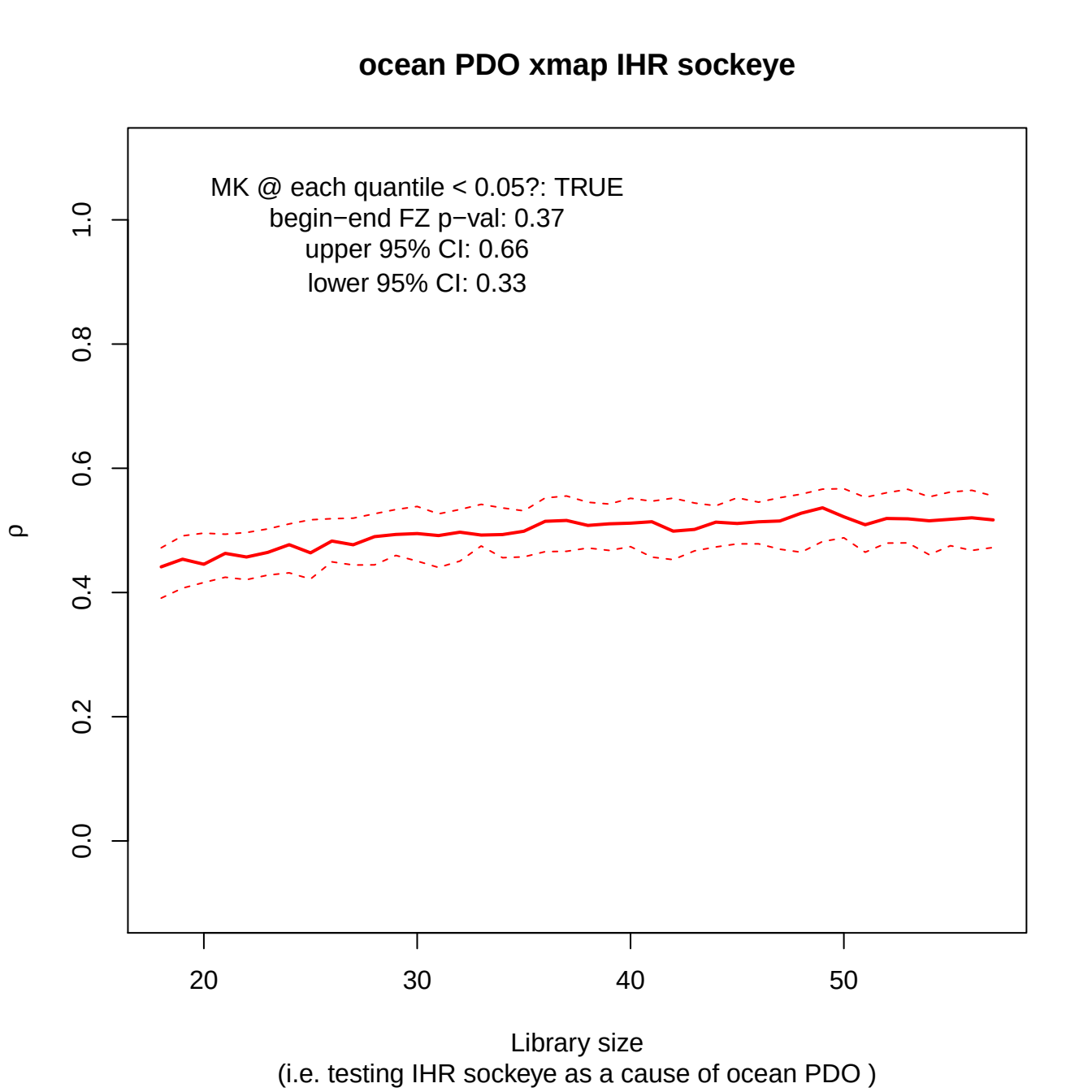

IHR steelhead xmap IHR sockeye
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.46
upper 95% CI: 0.71
lower 95% CI: 0.41
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR sockeye as a cause of IHR steelhead)

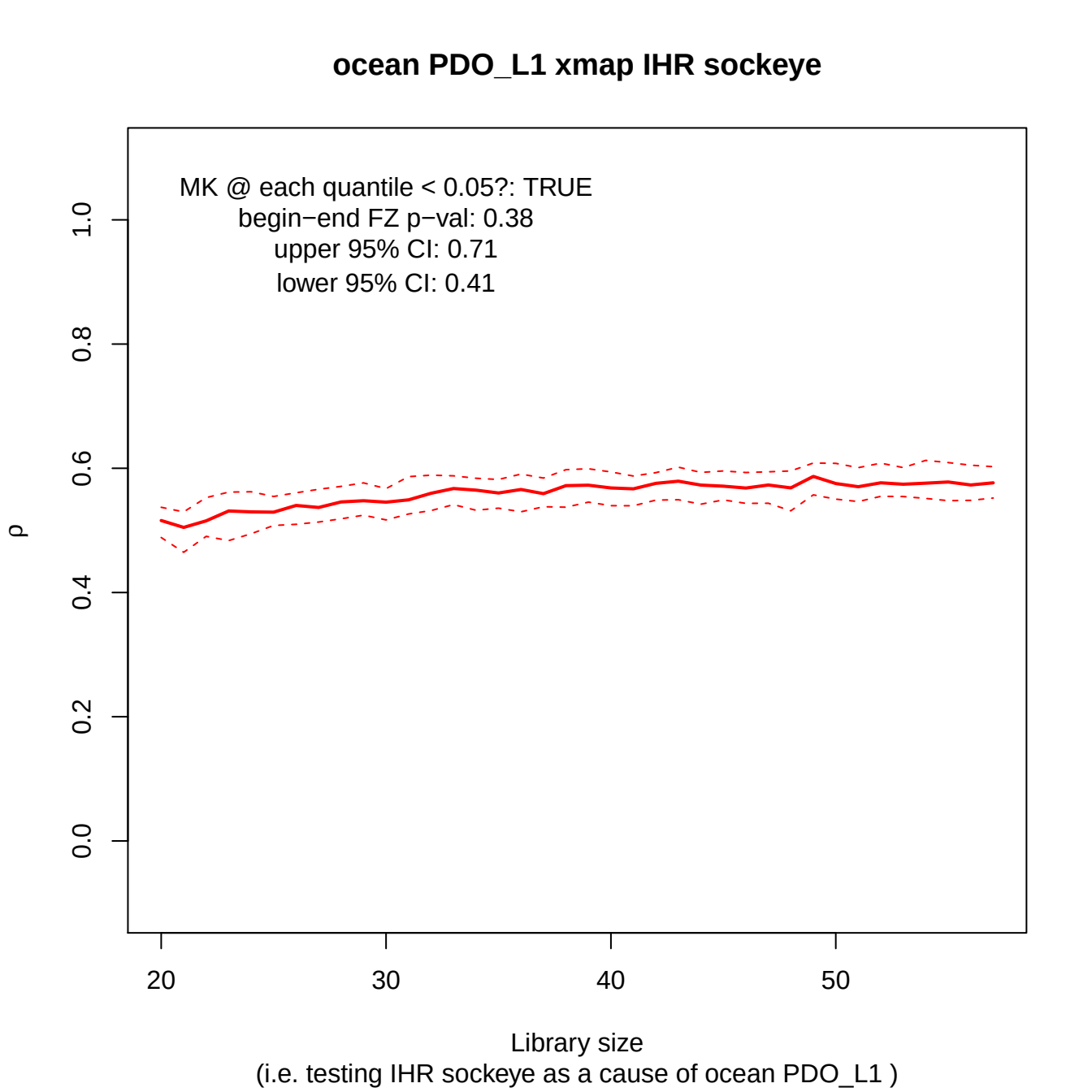

IHR chinook_SS xmap IHR sockeye
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.5
upper 95% CI: 0.64
lower 95% CI: 0.3
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing IHR sockeye as a cause of IHR chinook_SS)

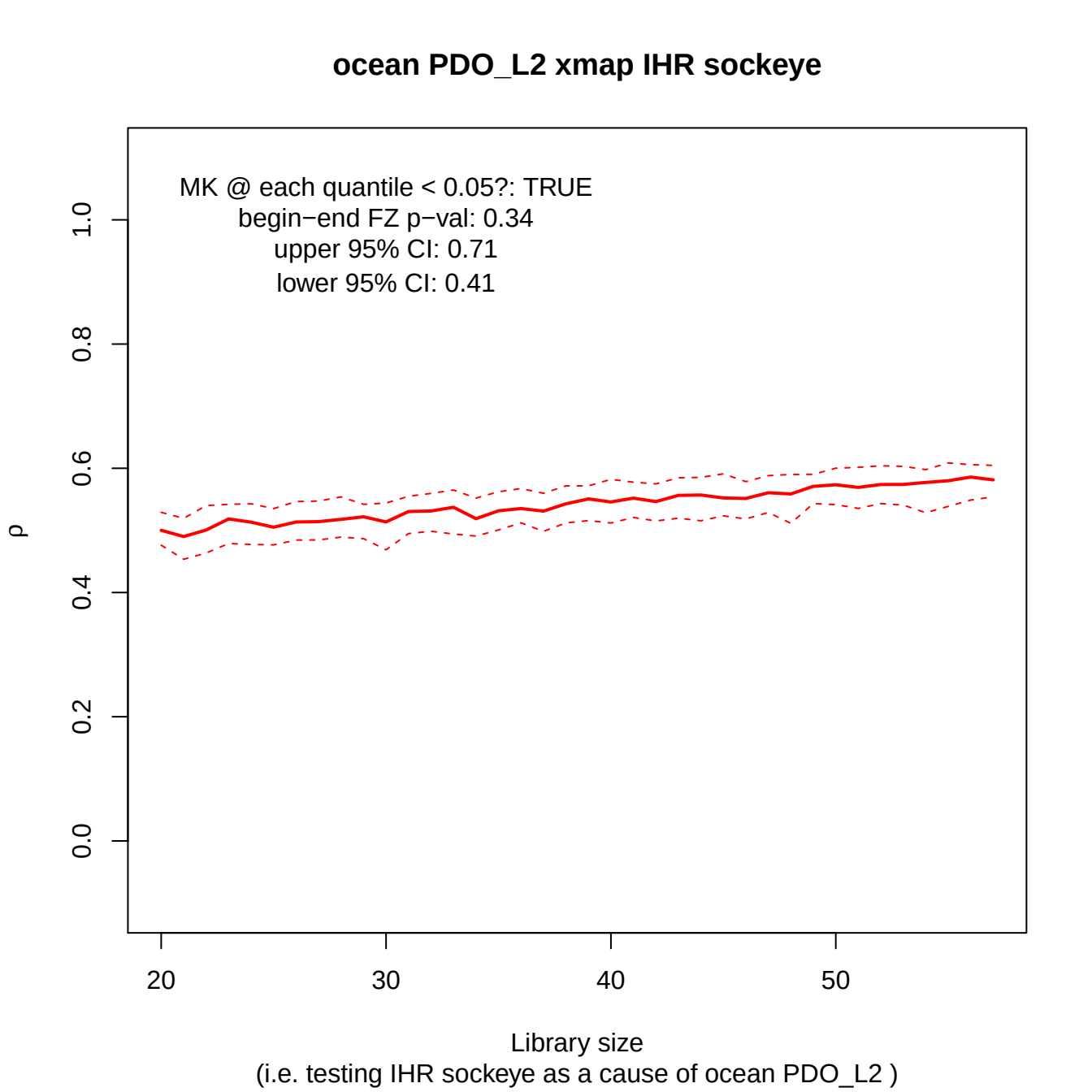

IHR chinook_F xmap IHR sockeye
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.49
upper 95% CI: 0.81
lower 95% CI: 0.6
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR sockeye as a cause of IHR chinook_F)

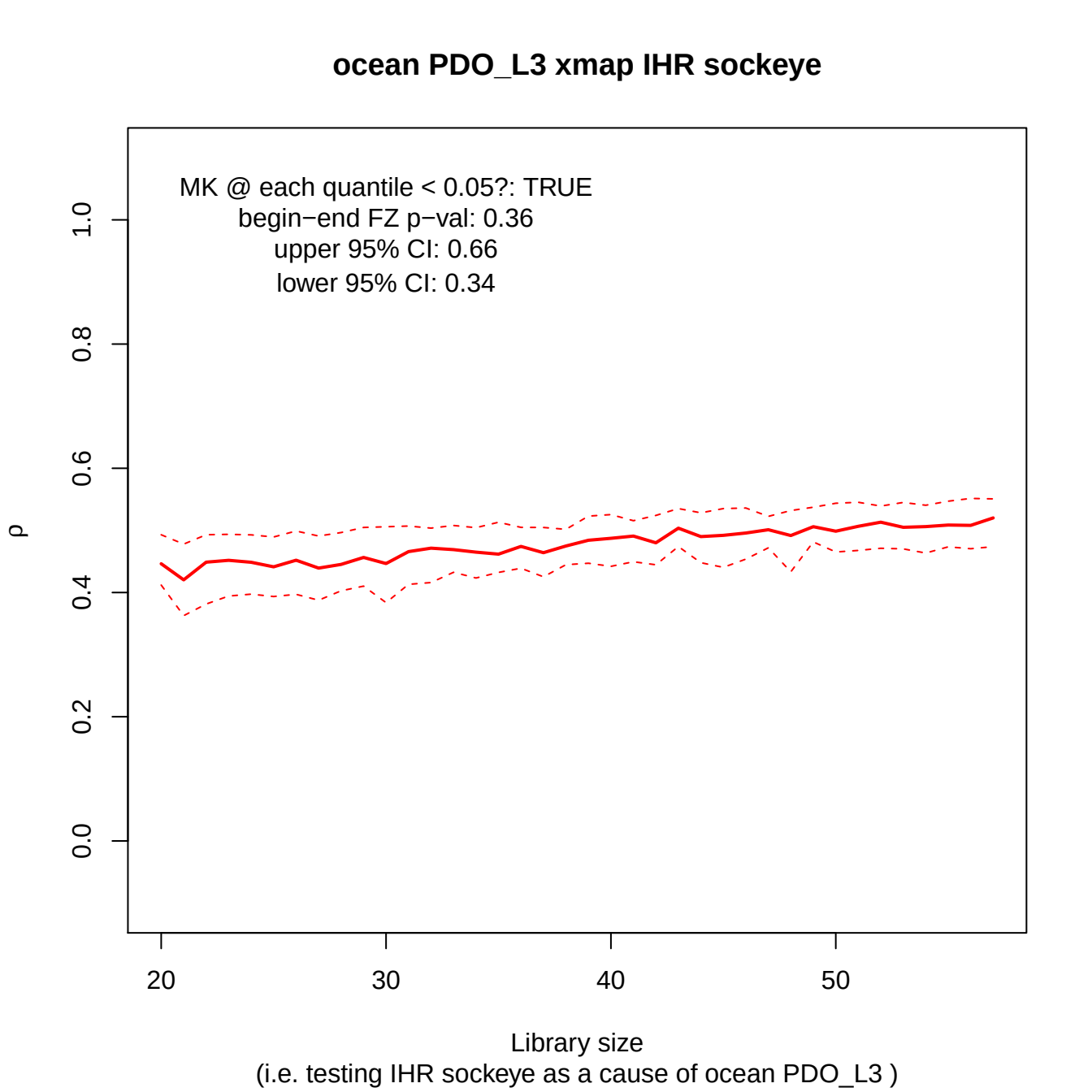

ocean CSL xmap IHR sockeye
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.36
upper 95% CI: 0.88
lower 95% CI: 0.69
ρ
0.0
0.2
0.4
0.6
0.8
1.0
15
20
25
30
35
40
Library size
(i.e. testing IHR sockeye as a cause of ocean CSL)

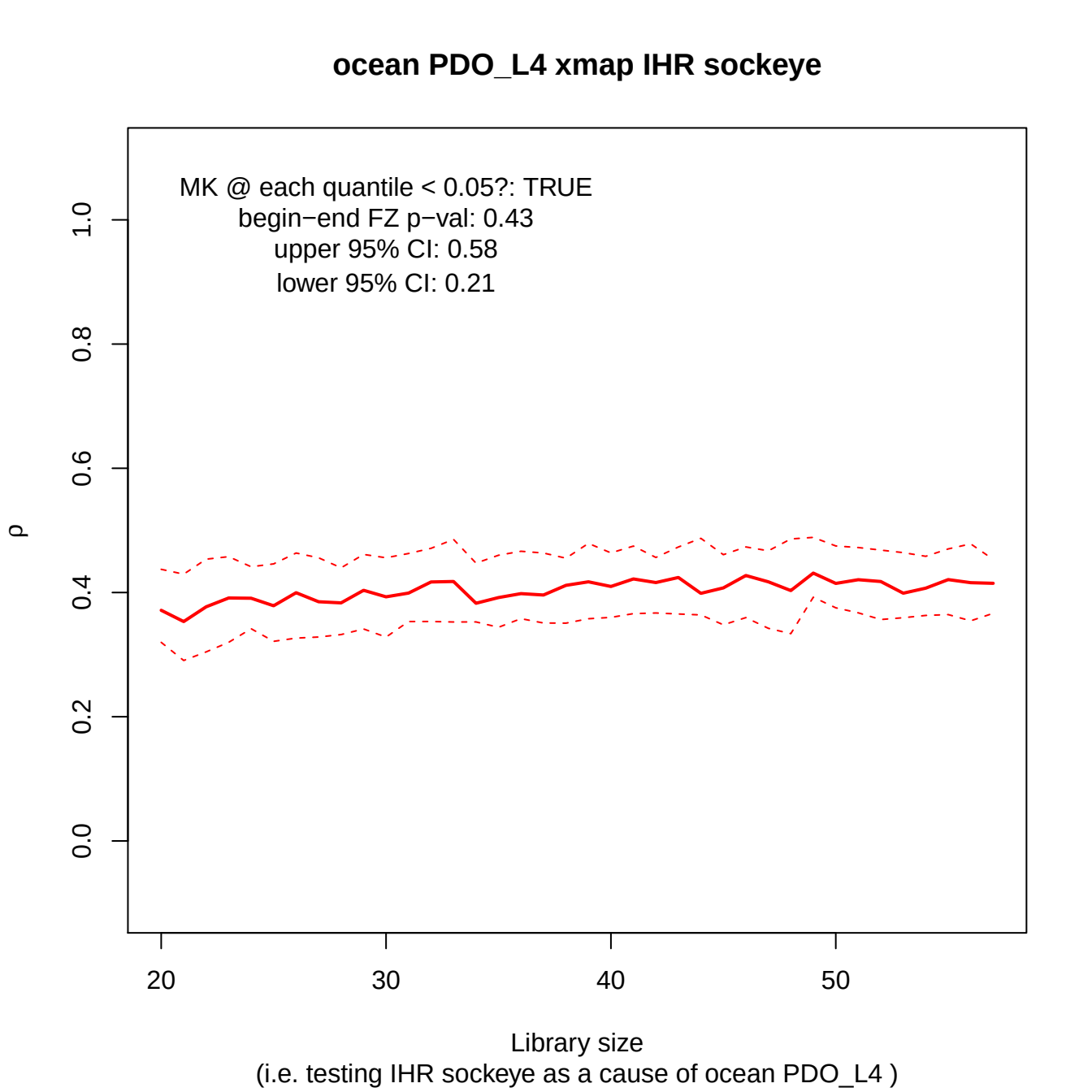

ocean SRKW xmap IHR sockeye
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.27
upper 95% CI: 0.8
lower 95% CI: 0.52
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing IHR sockeye as a cause of ocean SRKW)

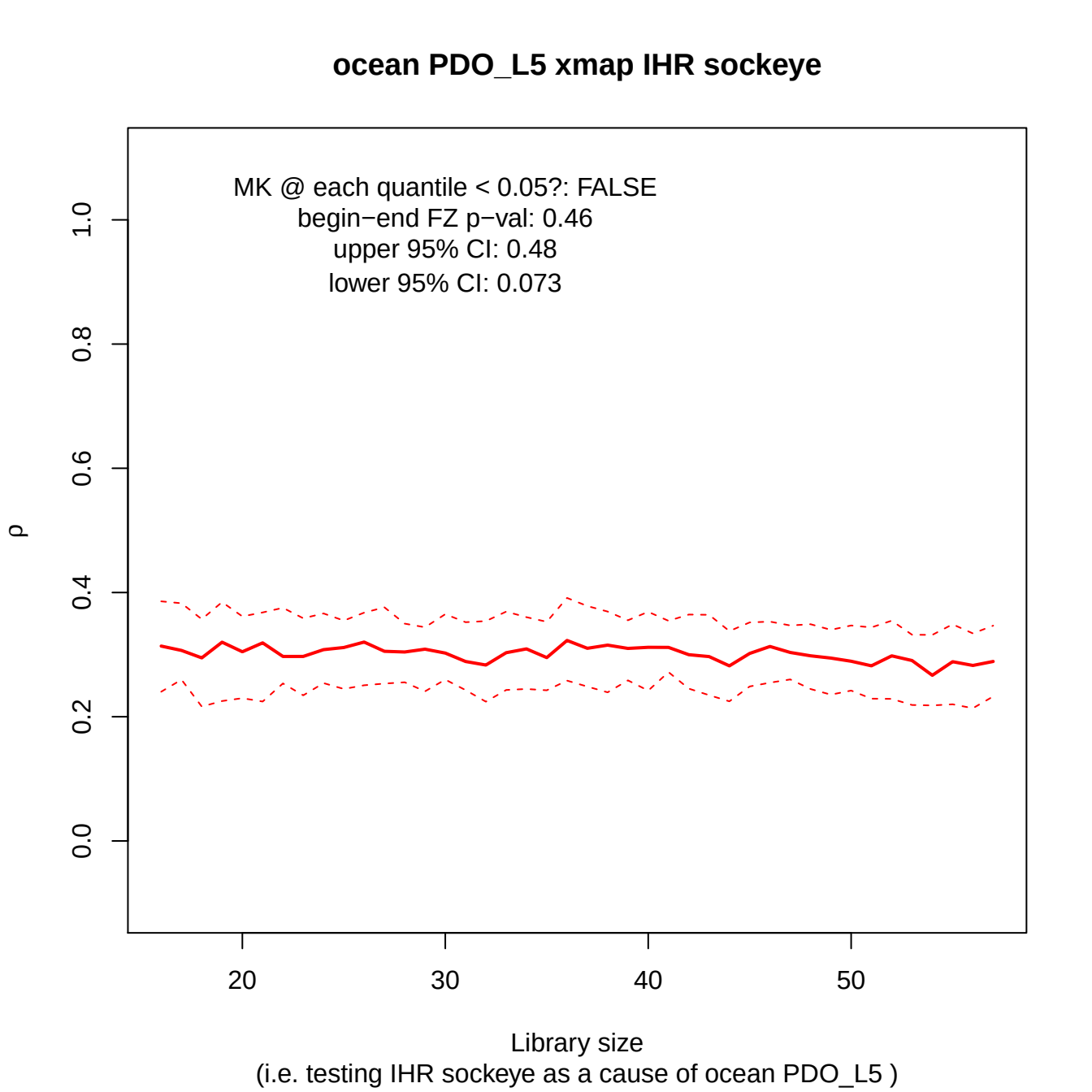

ocean PDO xmap IHR sockeye
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.37
upper 95% CI: 0.66
lower 95% CI: 0.33
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR sockeye as a cause of ocean PDO)

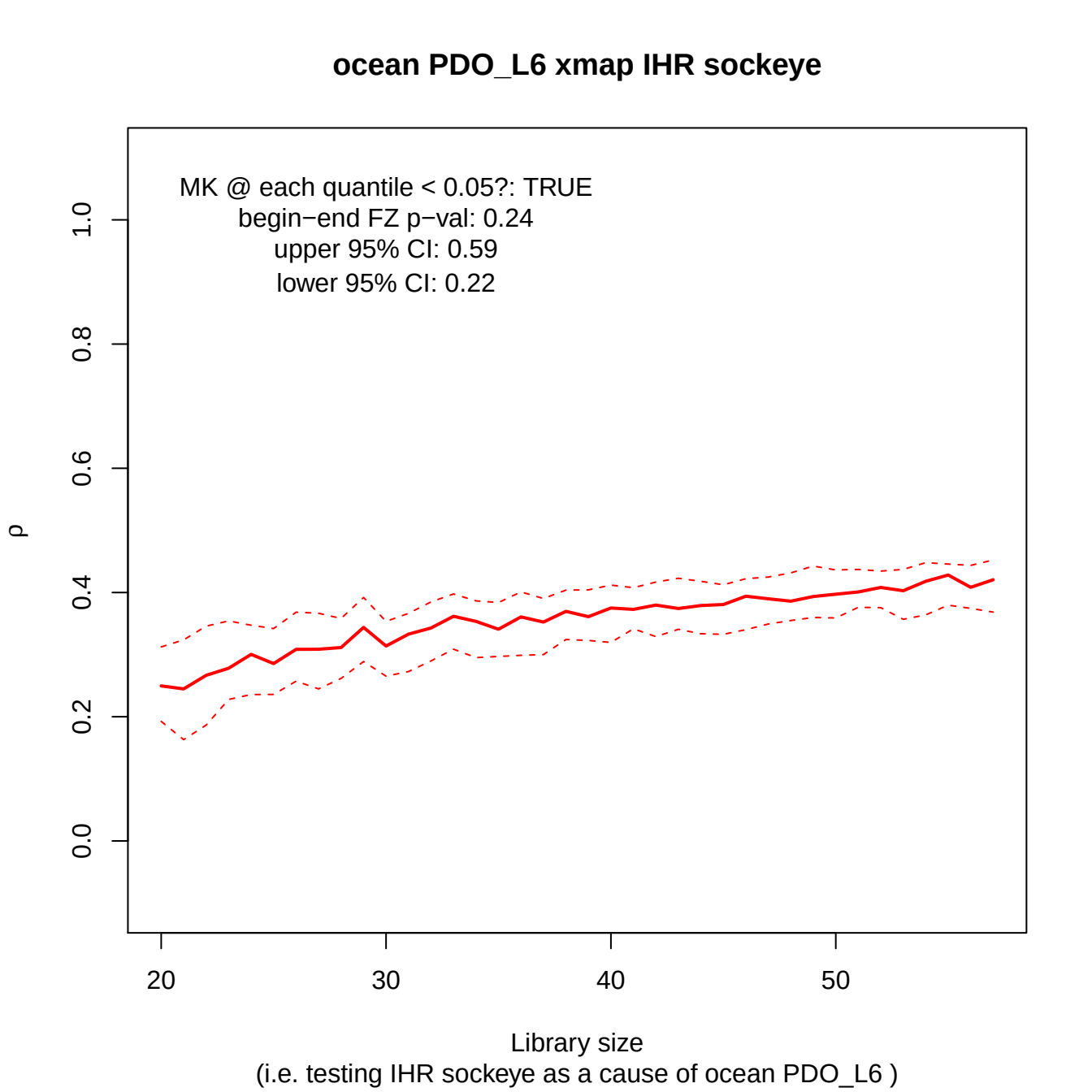

ocean PDO_L1 xmap IHR sockeye
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.38
upper 95% CI: 0.71
lower 95% CI: 0.41
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR sockeye as a cause of ocean PDO_L1)

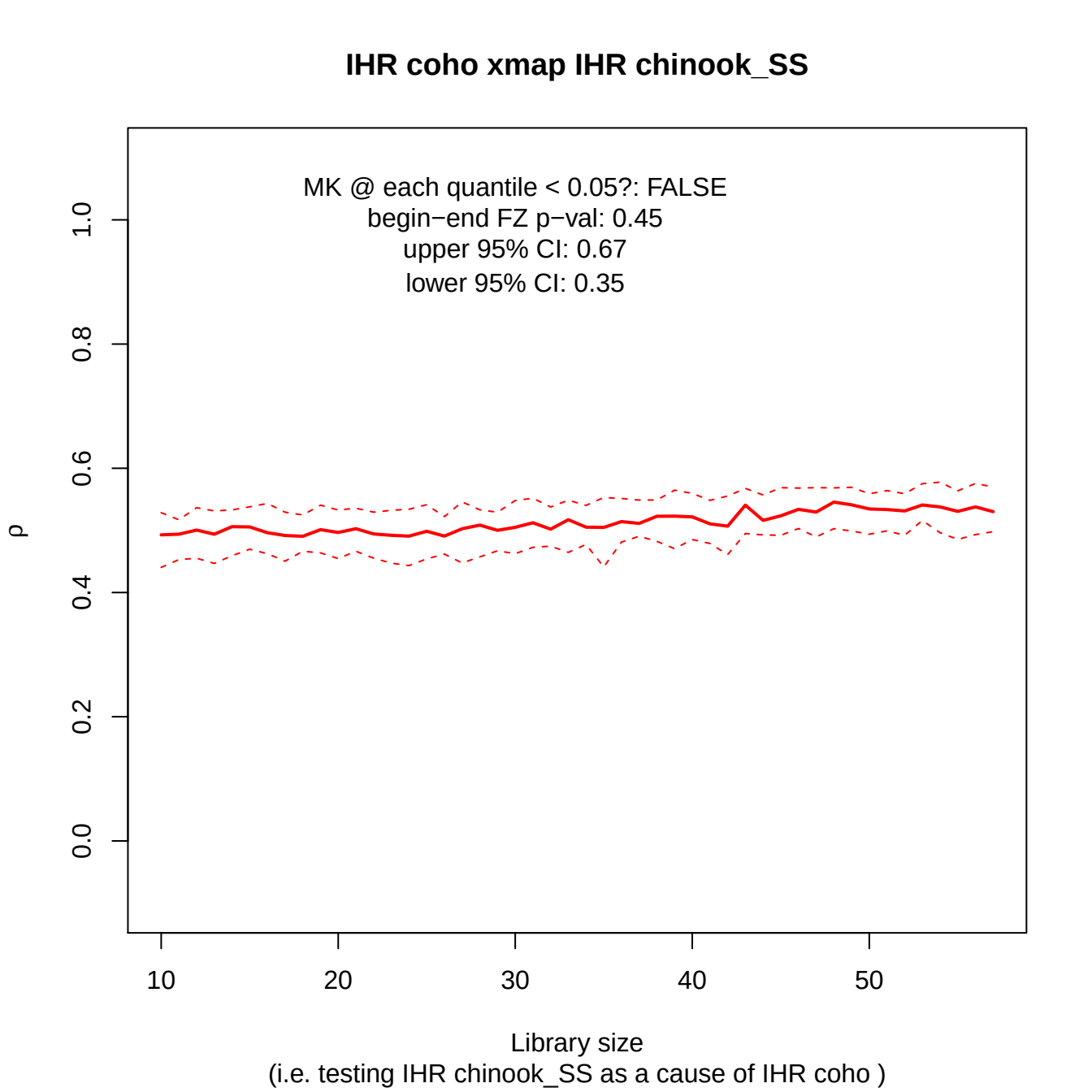

ocean PDO_L2 xmap IHR sockeye
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.34
upper 95% CI: 0.71
lower 95% CI: 0.41
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR sockeye as a cause of ocean PDO_L2)

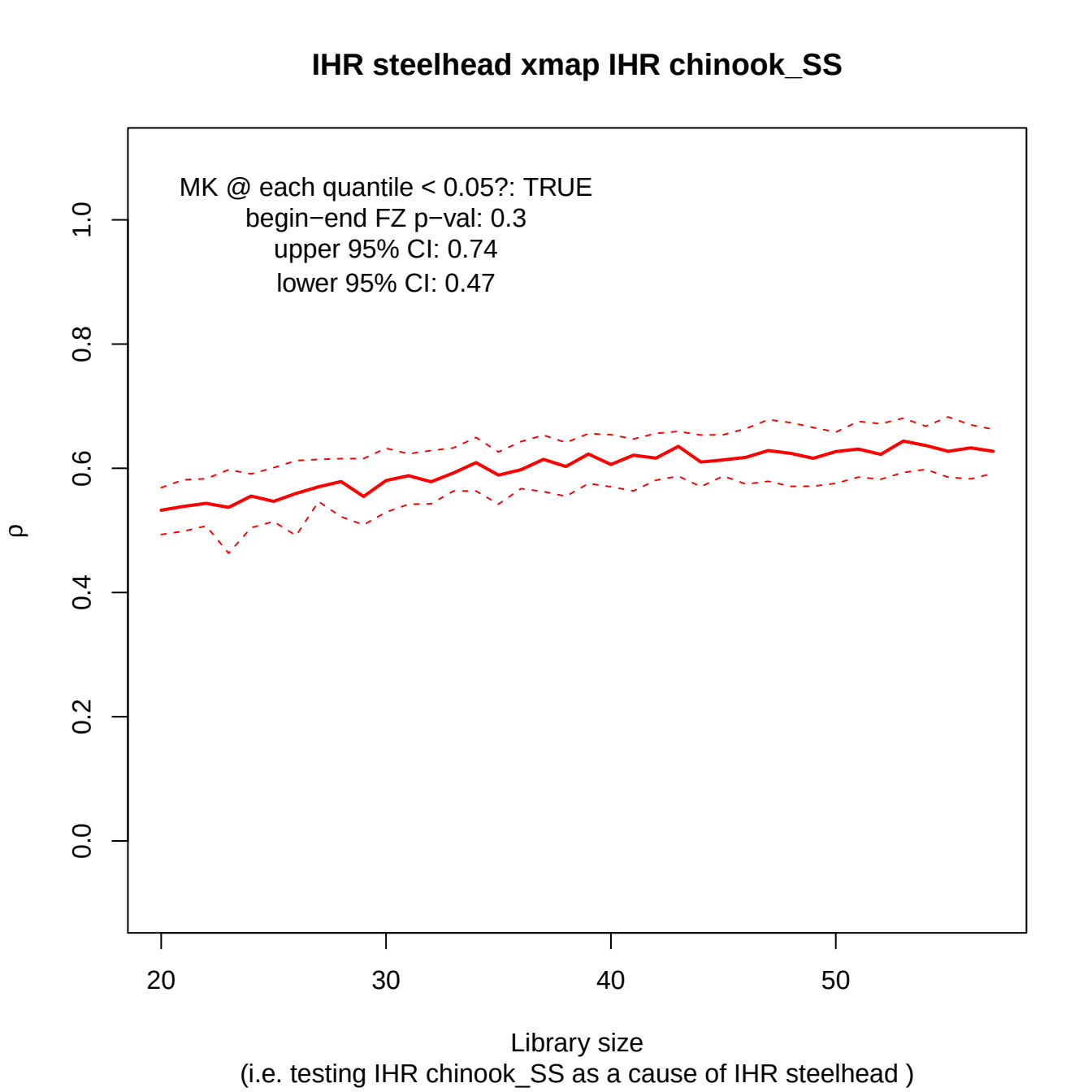

ocean PDO_L3 xmap IHR sockeye
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.36
upper 95% CI: 0.66
lower 95% CI: 0.34
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR sockeye as a cause of ocean PDO_L3)

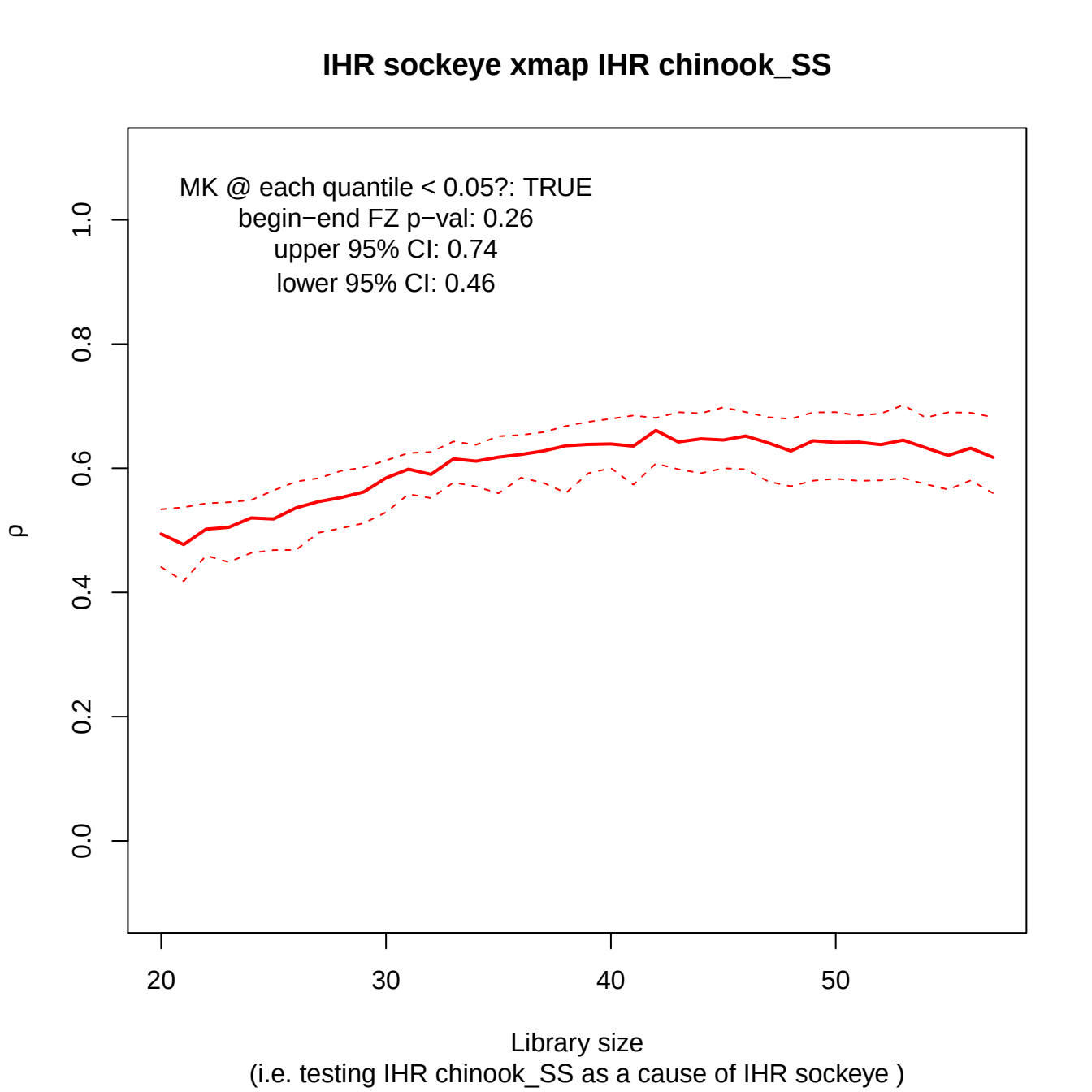

ocean PDO_L4 xmap IHR sockeye
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.43
upper 95% CI: 0.58
lower 95% CI: 0.21
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR sockeye as a cause of ocean PDO_L4)

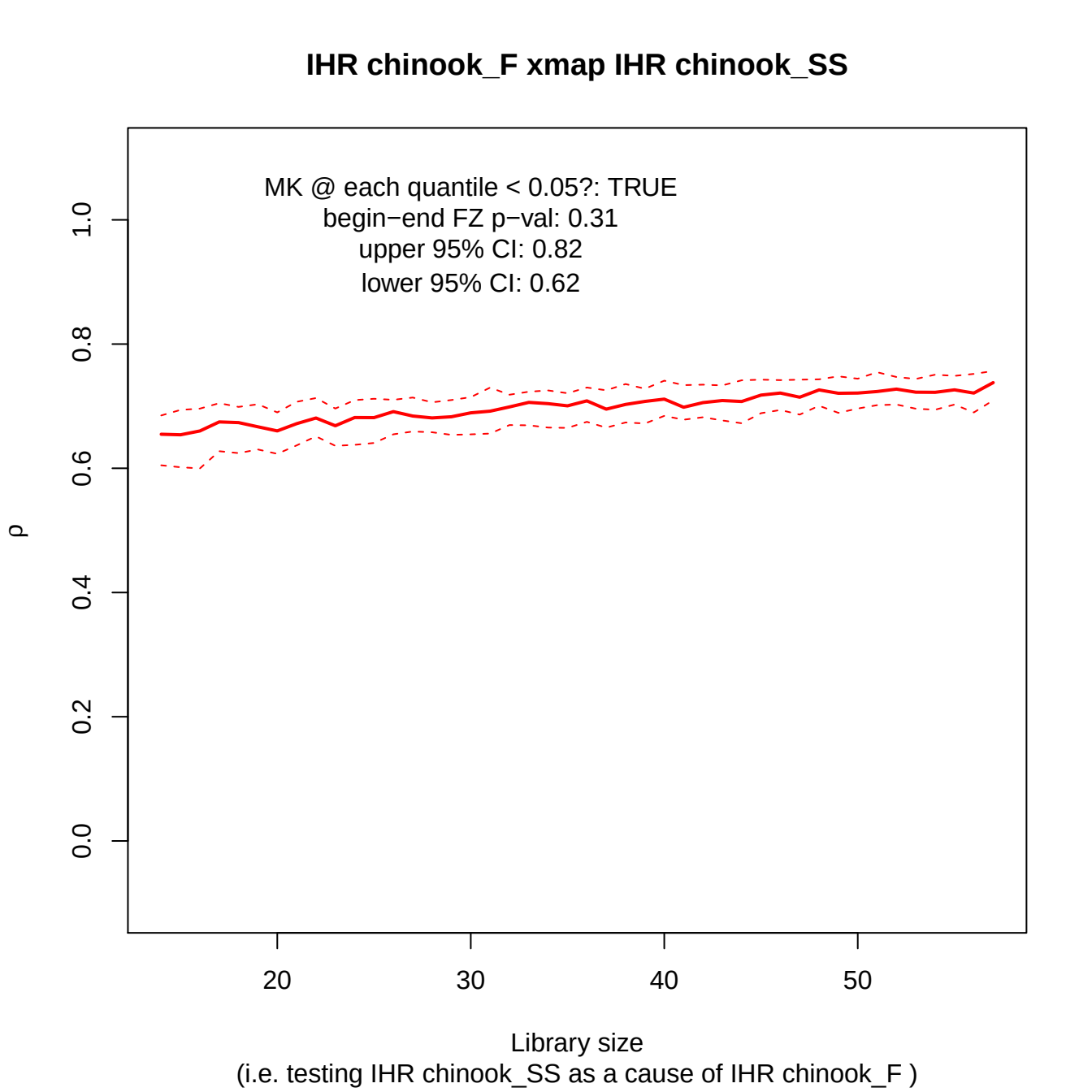

ocean PDO_L5 xmap IHR sockeye
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.46
upper 95% CI: 0.48
lower 95% CI: 0.073
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR sockeye as a cause of ocean PDO_L5)

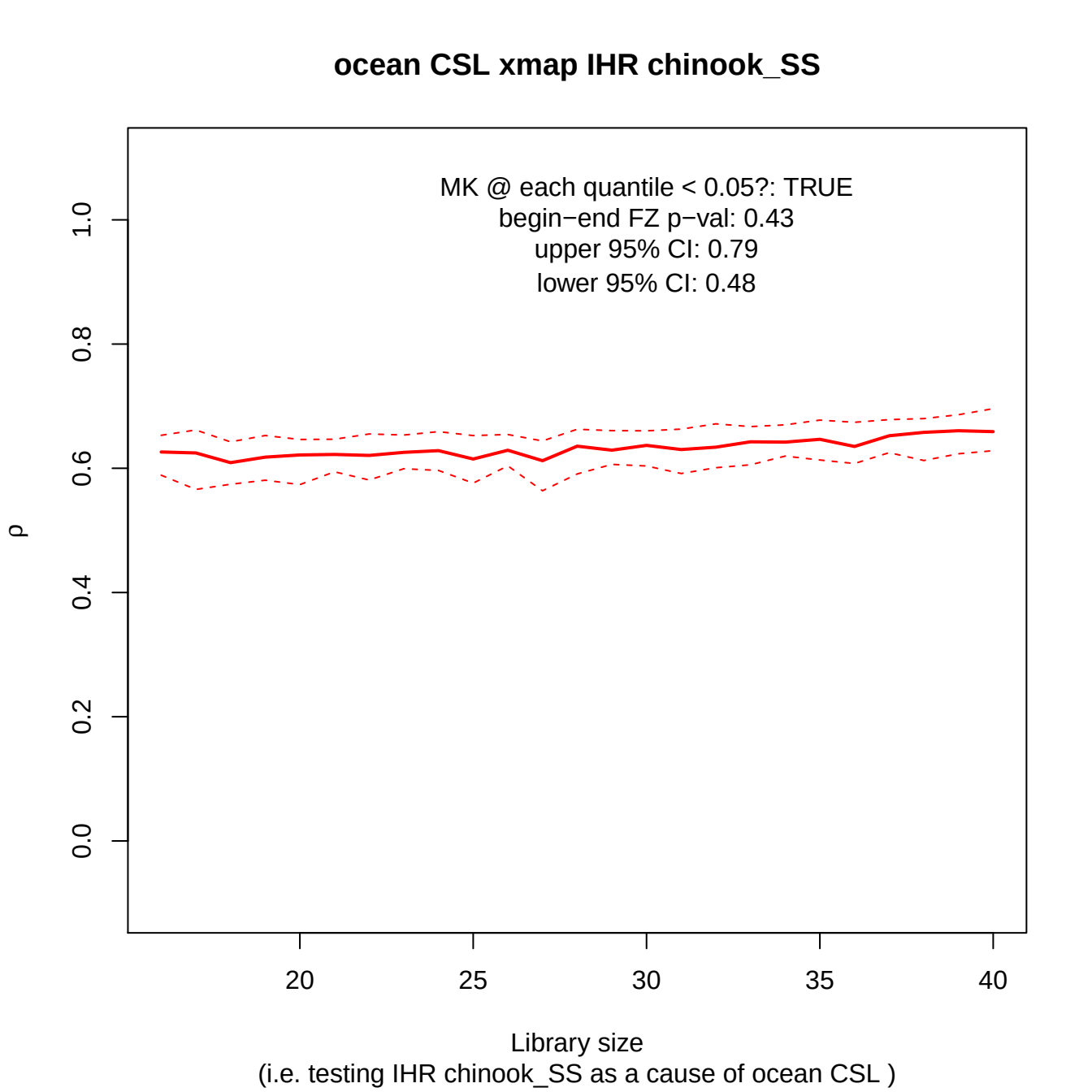

ocean PDO_L6 xmap IHR sockeye
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.24
upper 95% CI: 0.59
lower 95% CI: 0.22
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR sockeye as a cause of ocean PDO_L6)

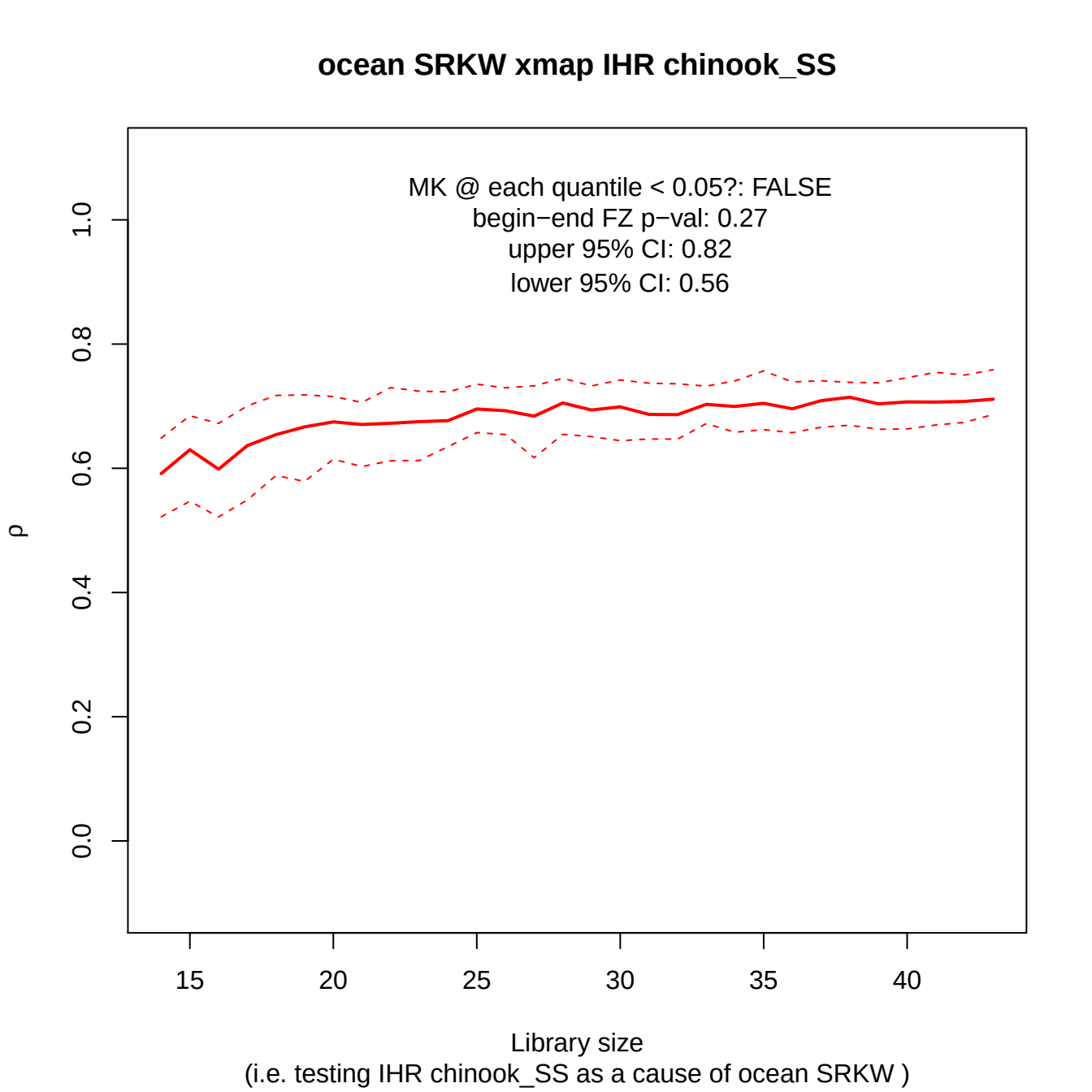

IHR coho xmap IHR chinook_SS
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.45
upper 95% CI: 0.67
lower 95% CI: 0.35
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing IHR chinook_SS as a cause of IHR coho)

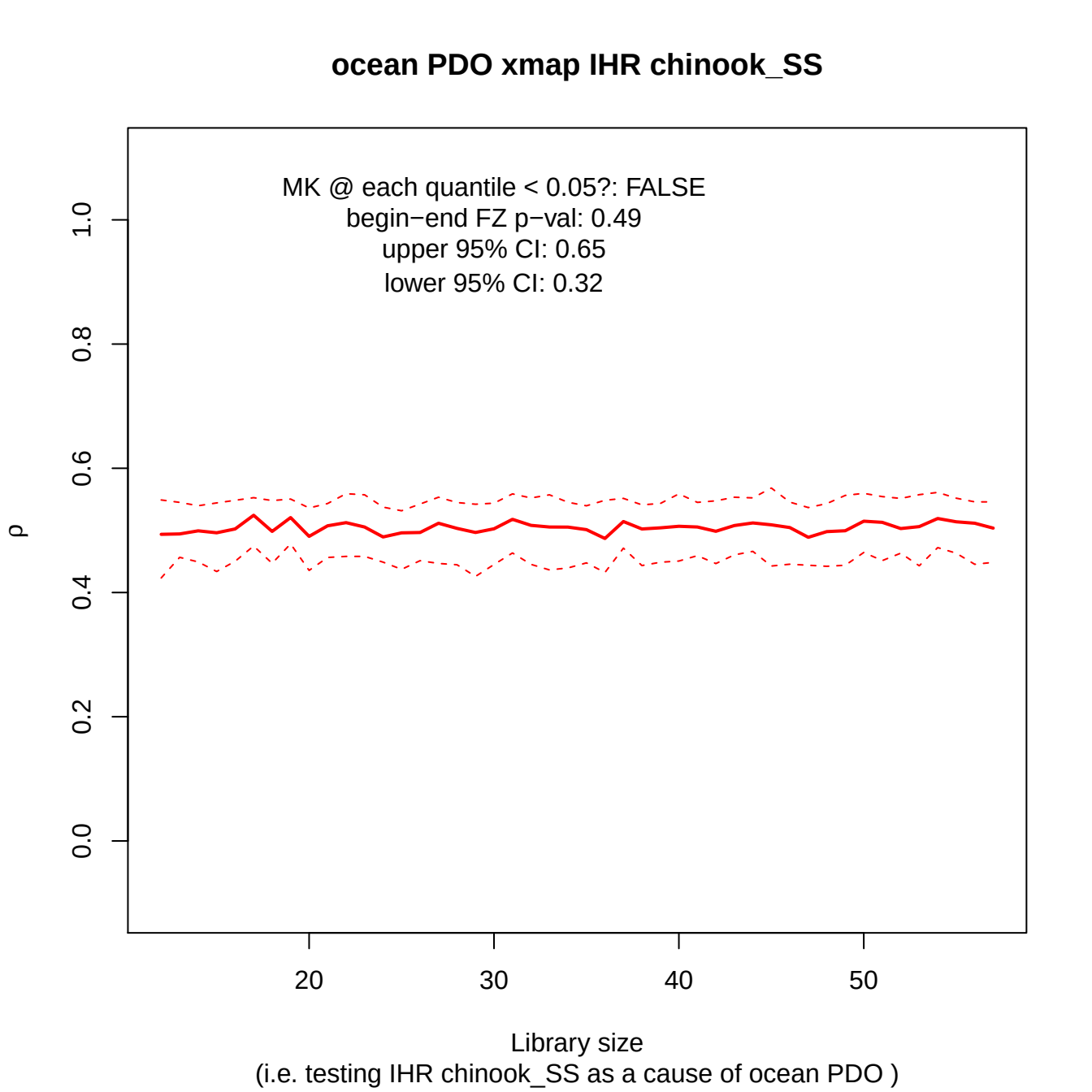

IHR steelhead xmap IHR chinook_SS
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.3
upper 95% CI: 0.74
lower 95% CI: 0.47
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_SS as a cause of IHR steelhead)

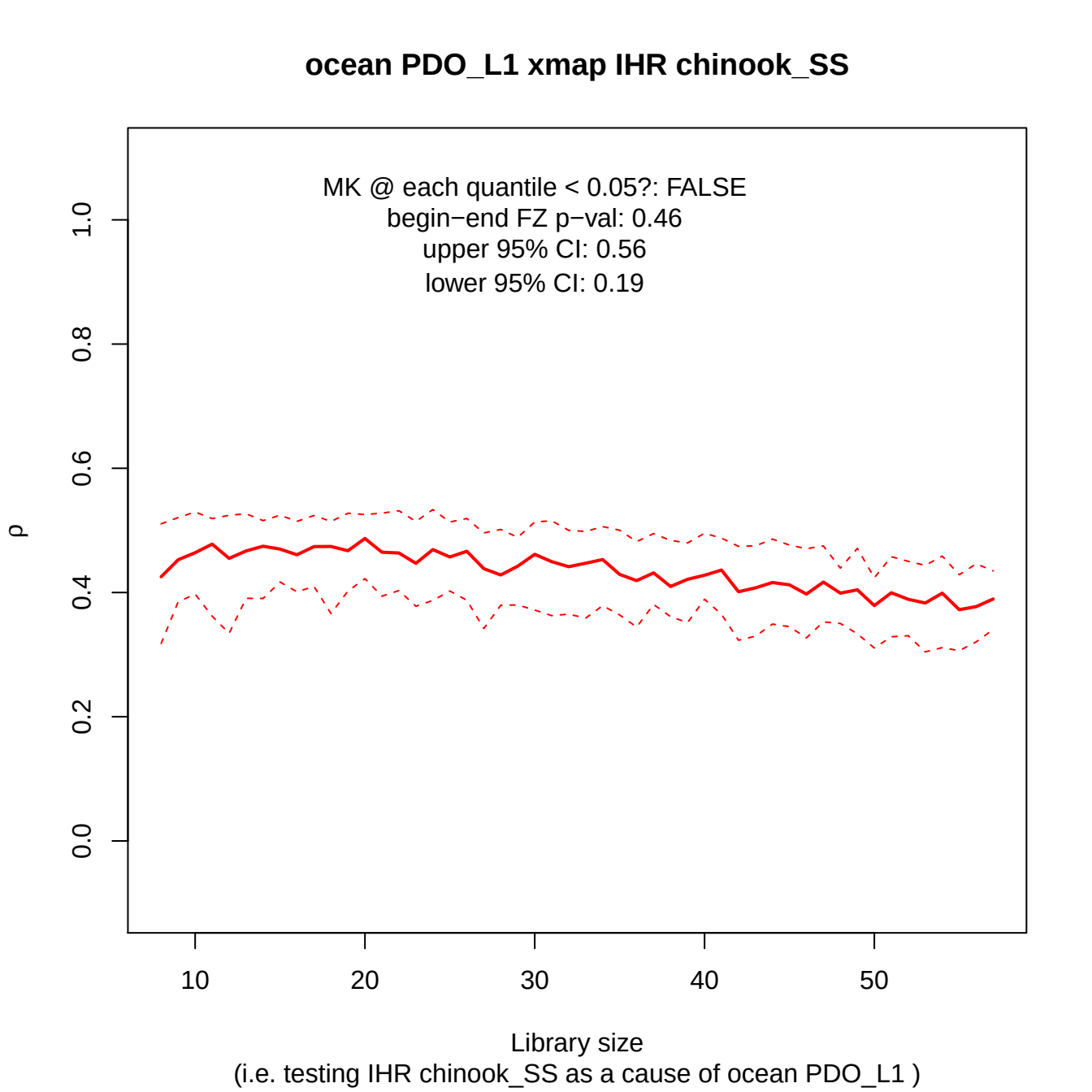

IHR sockeye xmap IHR chinook_SS
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.26
upper 95% CI: 0.74
lower 95% CI: 0.46
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_SS as a cause of IHR sockeye)

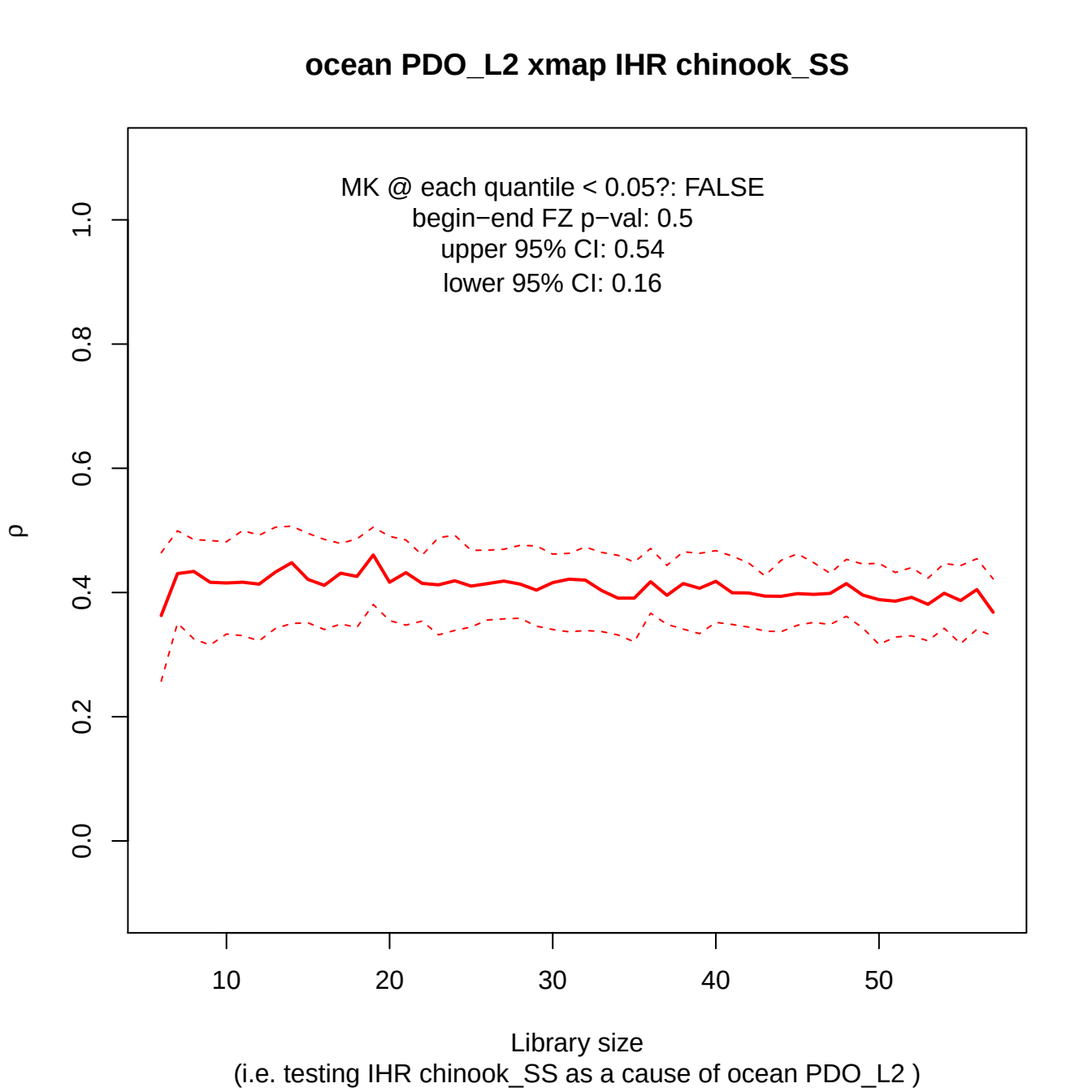

IHR chinook_F xmap IHR chinook_SS
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.31
upper 95% CI: 0.82
lower 95% CI: 0.62
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_SS as a cause of IHR chinook_F)

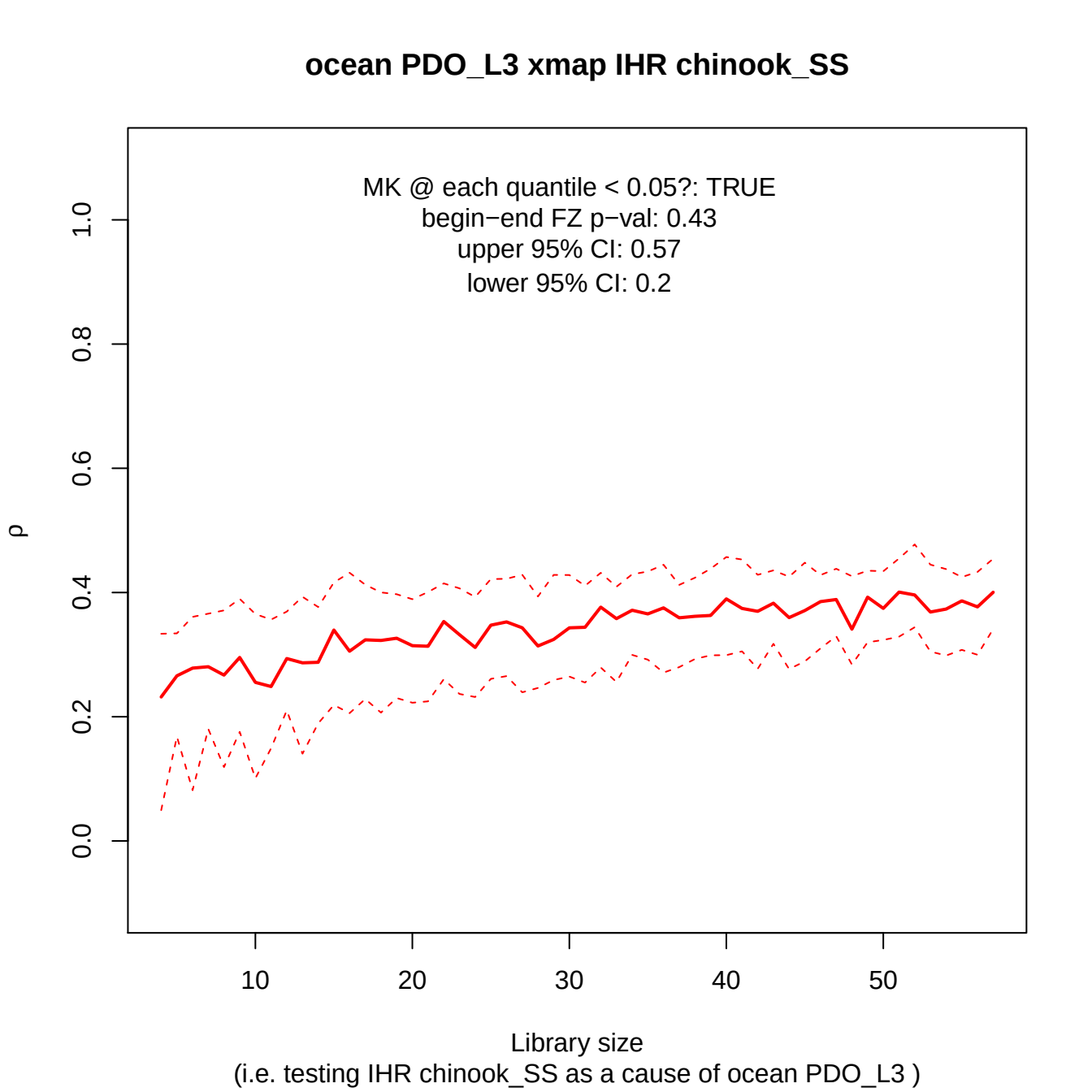

ocean CSL xmap IHR chinook_SS
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.43
upper 95% CI: 0.79
lower 95% CI: 0.48
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing IHR chinook_SS as a cause of ocean CSL)

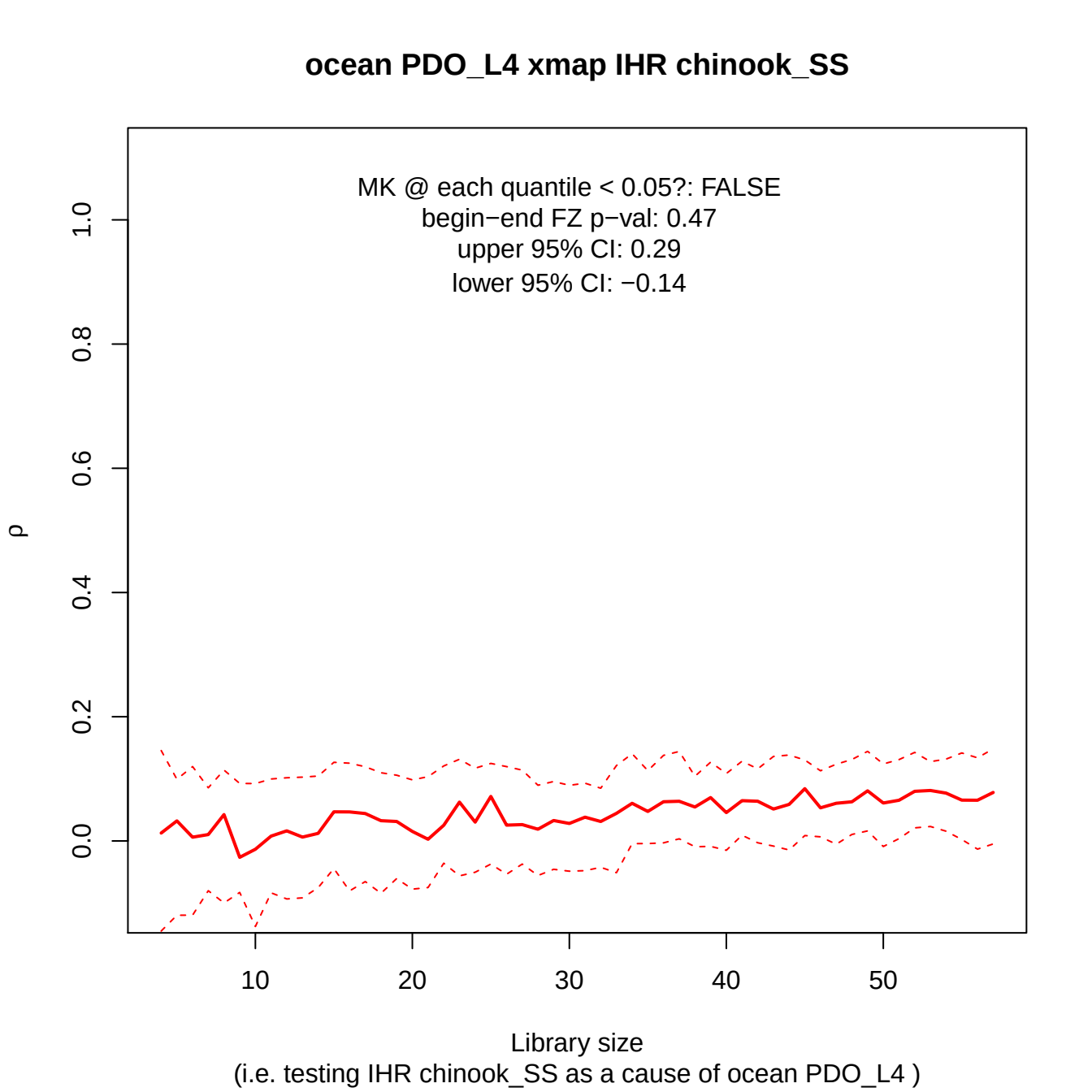

ocean SRKW xmap IHR chinook_SS
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.27
upper 95% CI: 0.82
lower 95% CI: 0.56
ρ
0.0
0.2
0.4
0.6
0.8
1.0
15
20
25
30
35
40
Library size
(i.e. testing IHR chinook_SS as a cause of ocean SRKW)

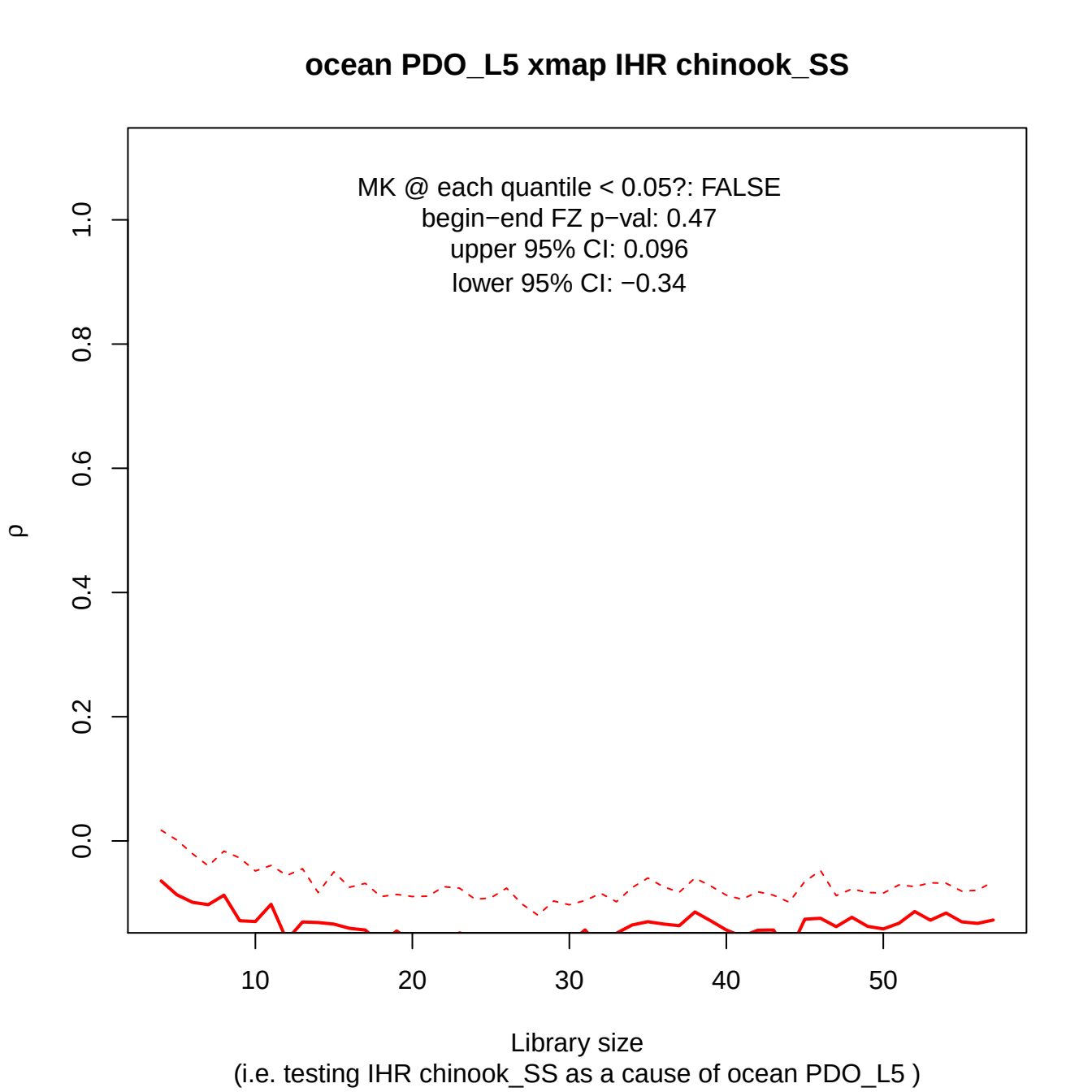

ocean PDO xmap IHR chinook_SS
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.49
upper 95% CI: 0.65
lower 95% CI: 0.32
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_SS as a cause of ocean PDO)

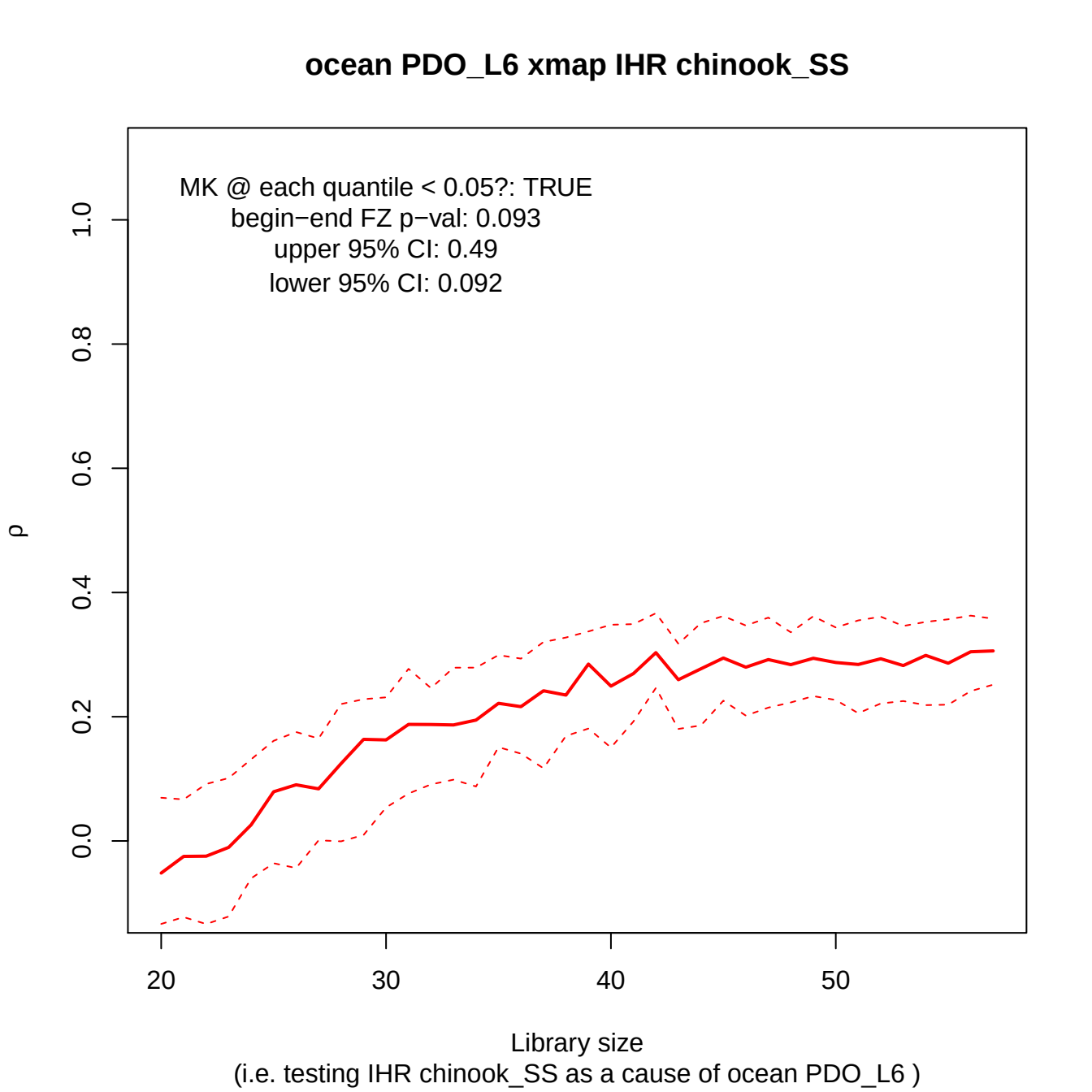

ocean PDO_L1 xmap IHR chinook_SS
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.46
upper 95% CI: 0.56
lower 95% CI: 0.19
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing IHR chinook_SS as a cause of ocean PDO_L1)

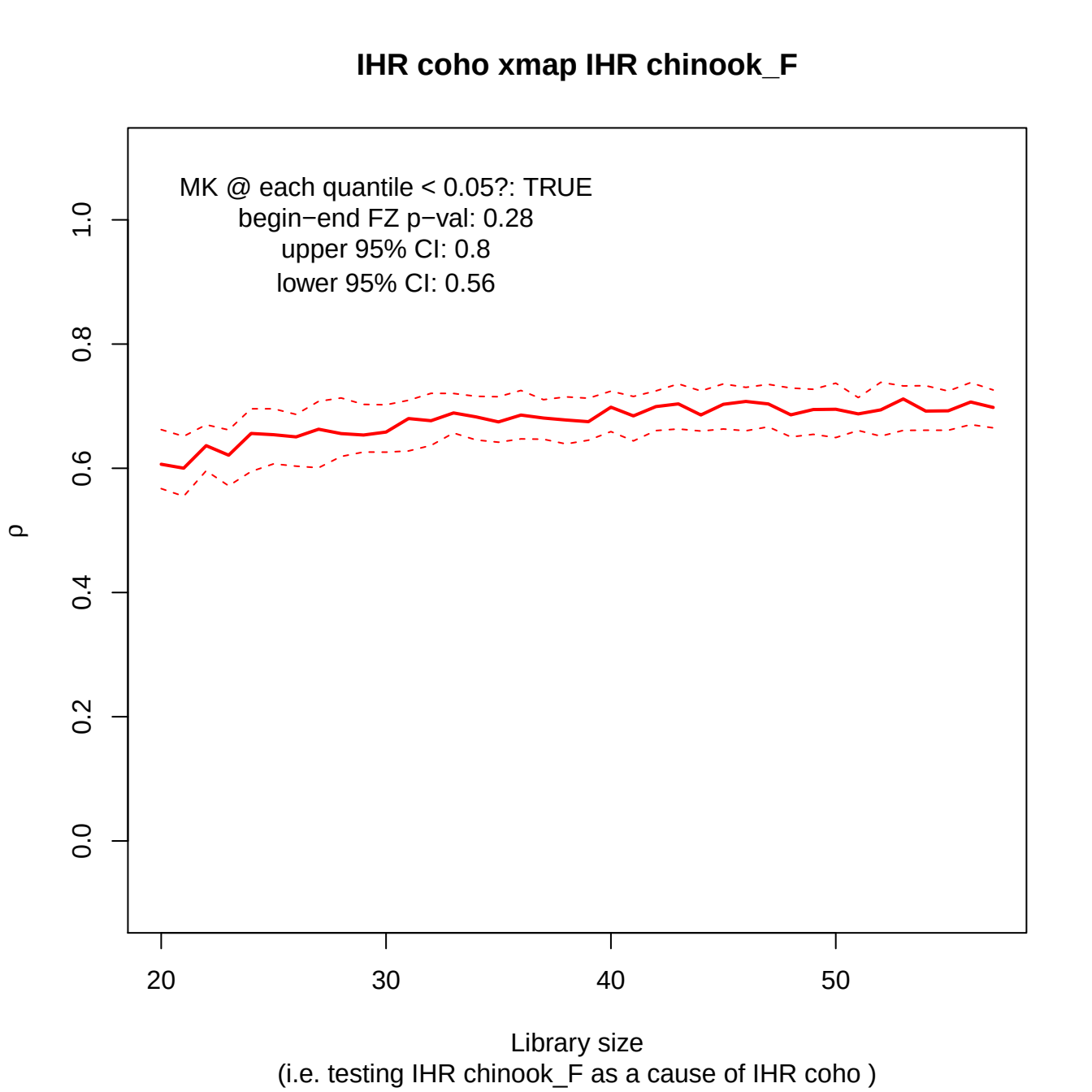

ocean PDO_L2 xmap IHR chinook_SS
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.5
upper 95% CI: 0.54
lower 95% CI: 0.16
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing IHR chinook_SS as a cause of ocean PDO_L2)

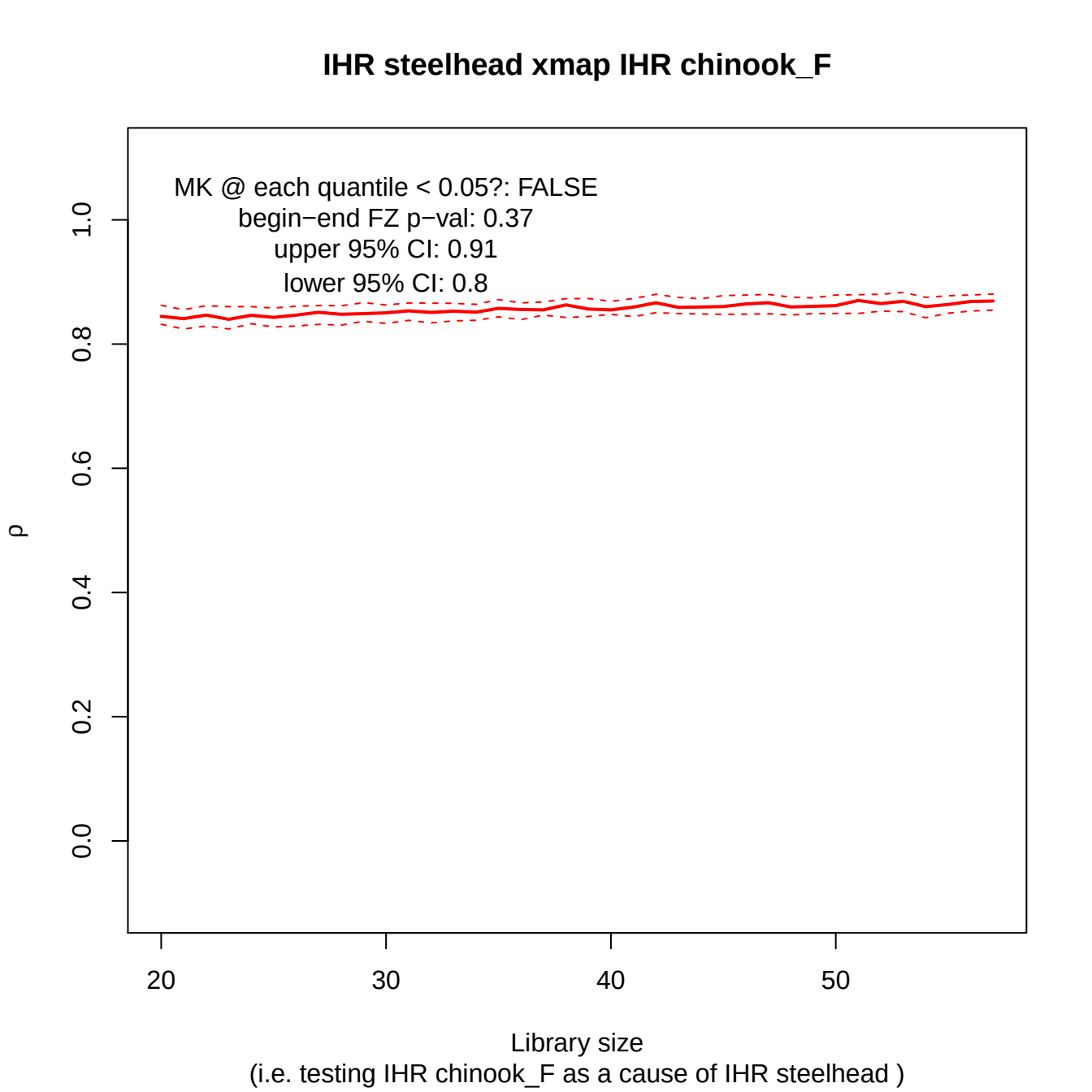

ocean PDO_L3 xmap IHR chinook_SS
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.43
upper 95% CI: 0.57
lower 95% CI: 0.2
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing IHR chinook_SS as a cause of ocean PDO_L3)

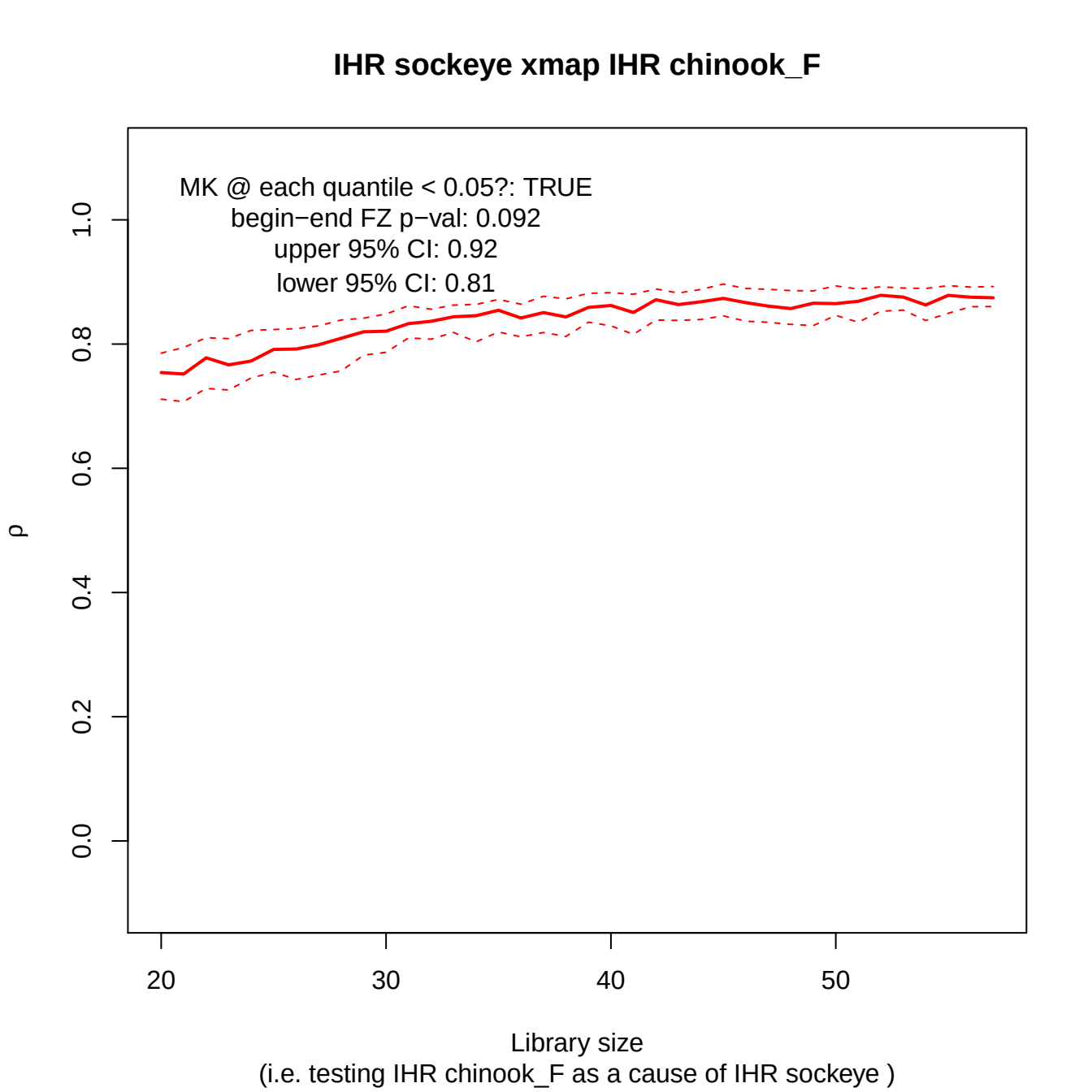

ocean PDO_L4 xmap IHR chinook_SS
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.47
upper 95% CI: 0.29
lower 95% CI: −0.14
ρ
1.0
0.8
0.6
0.4
0.2
0.0
10
20
30
40
50
Library size
(i.e. testing IHR chinook_SS as a cause of ocean PDO_L4)

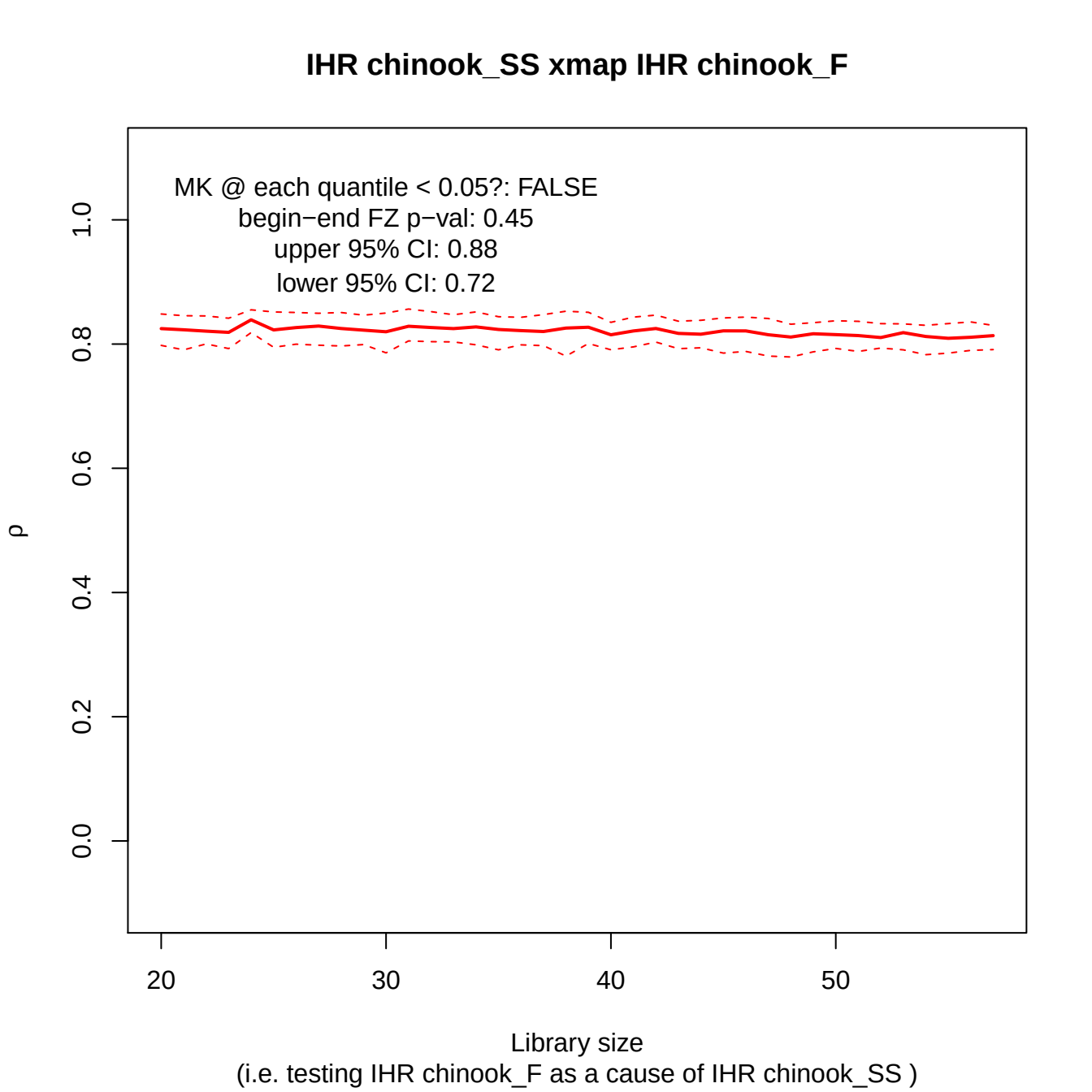

ocean PDO_L5 xmap IHR chinook_SS
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.47
upper 95% CI: 0.096
lower 95% CI: −0.34
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing IHR chinook_SS as a cause of ocean PDO_L5)

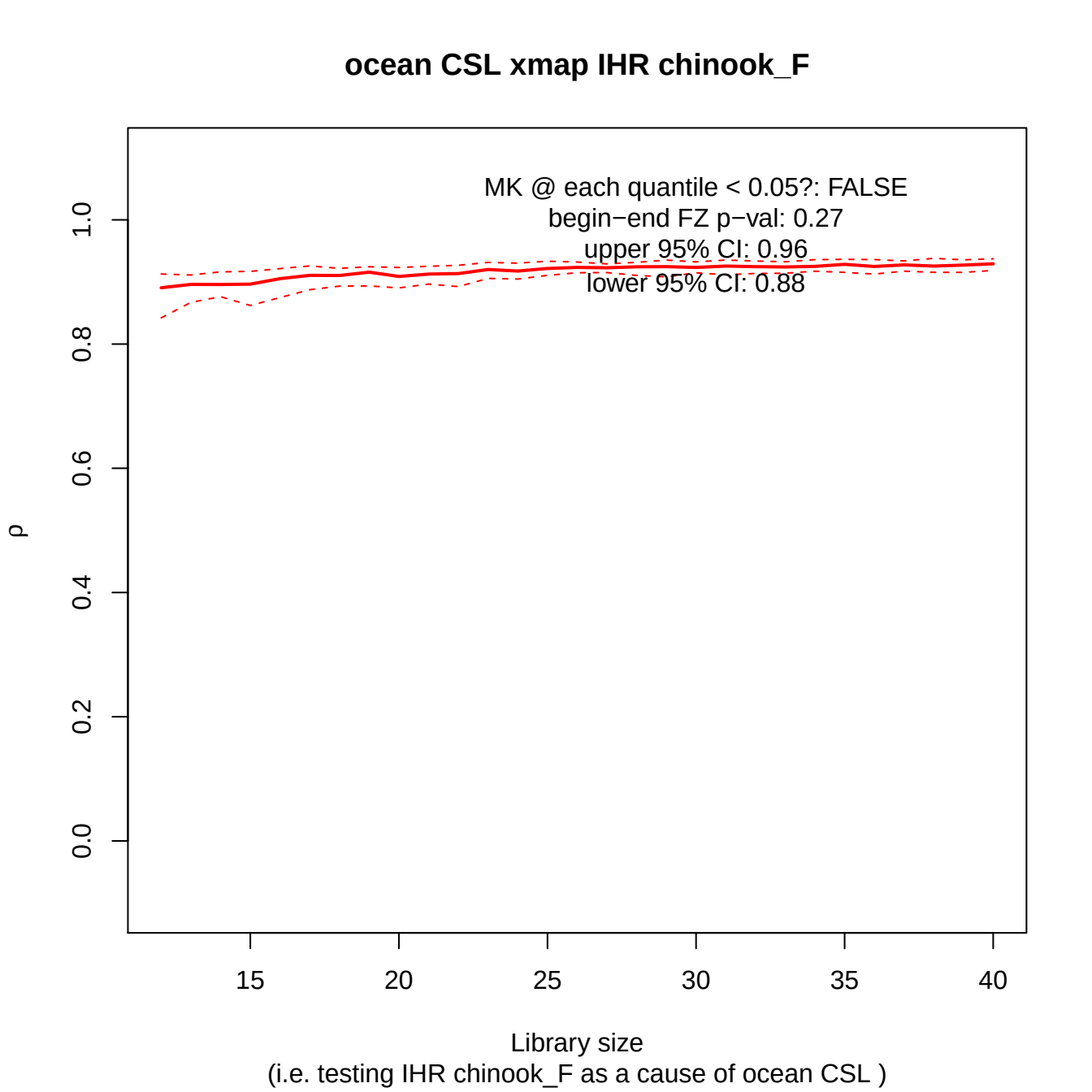

ocean PDO_L6 xmap IHR chinook_SS
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.093
upper 95% CI: 0.49
lower 95% CI: 0.092
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_SS as a cause of ocean PDO_L6)

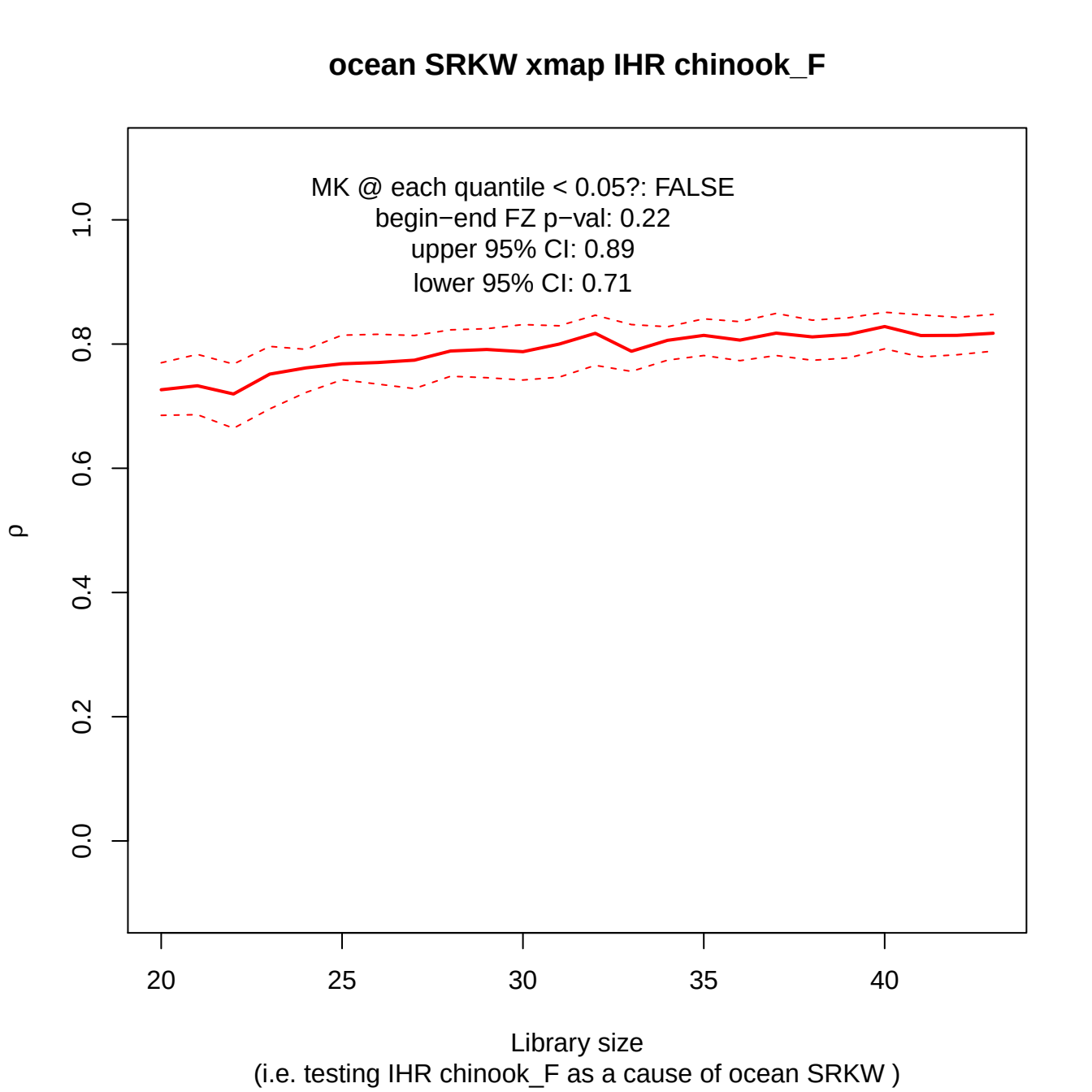

IHR coho xmap IHR chinook_F
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.28
upper 95% CI: 0.8
lower 95% CI: 0.56
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_F as a cause of IHR coho)

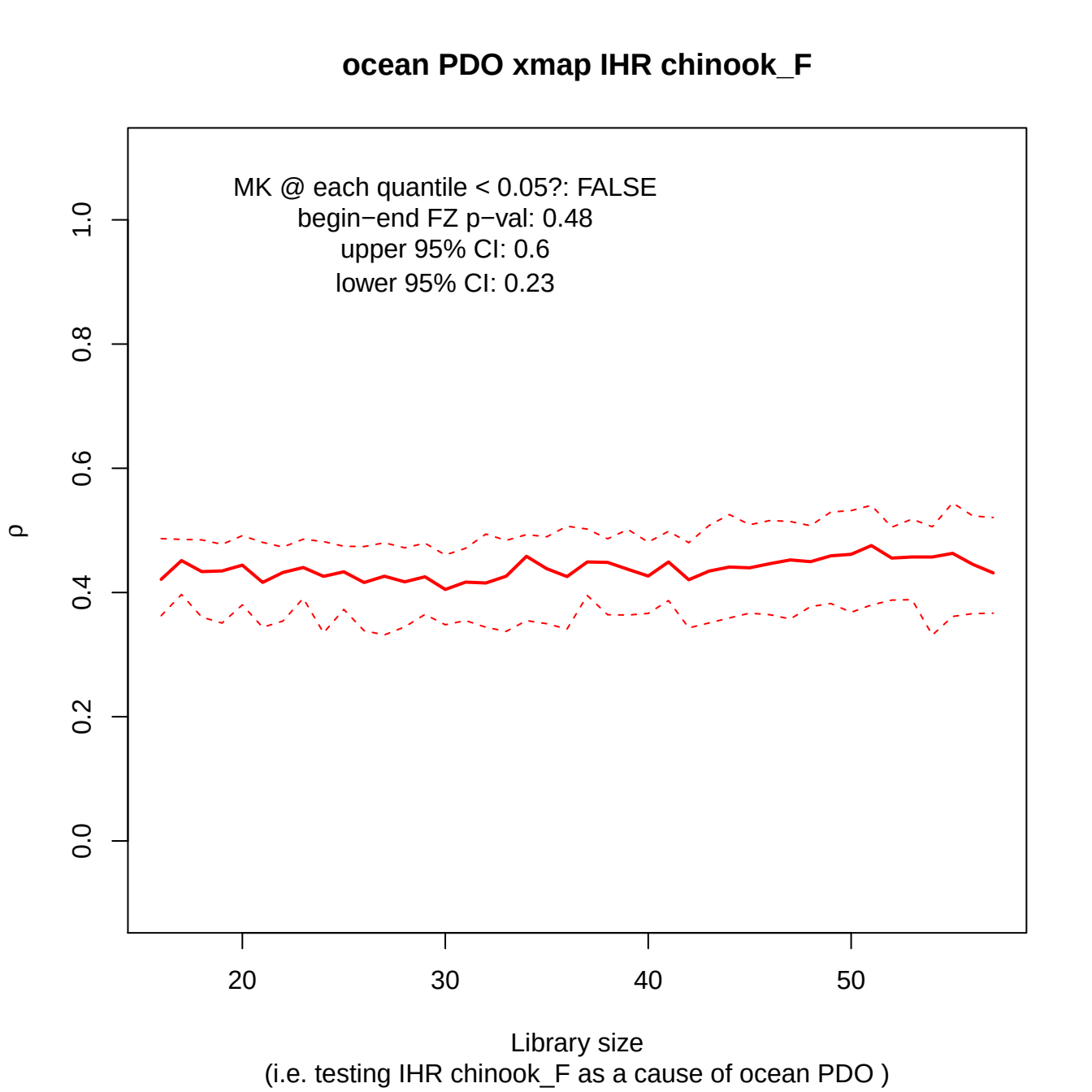

IHR steelhead xmap IHR chinook_F
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.37
upper 95% CI: 0.91
lower 95% CI: 0.8
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_F as a cause of IHR steelhead)

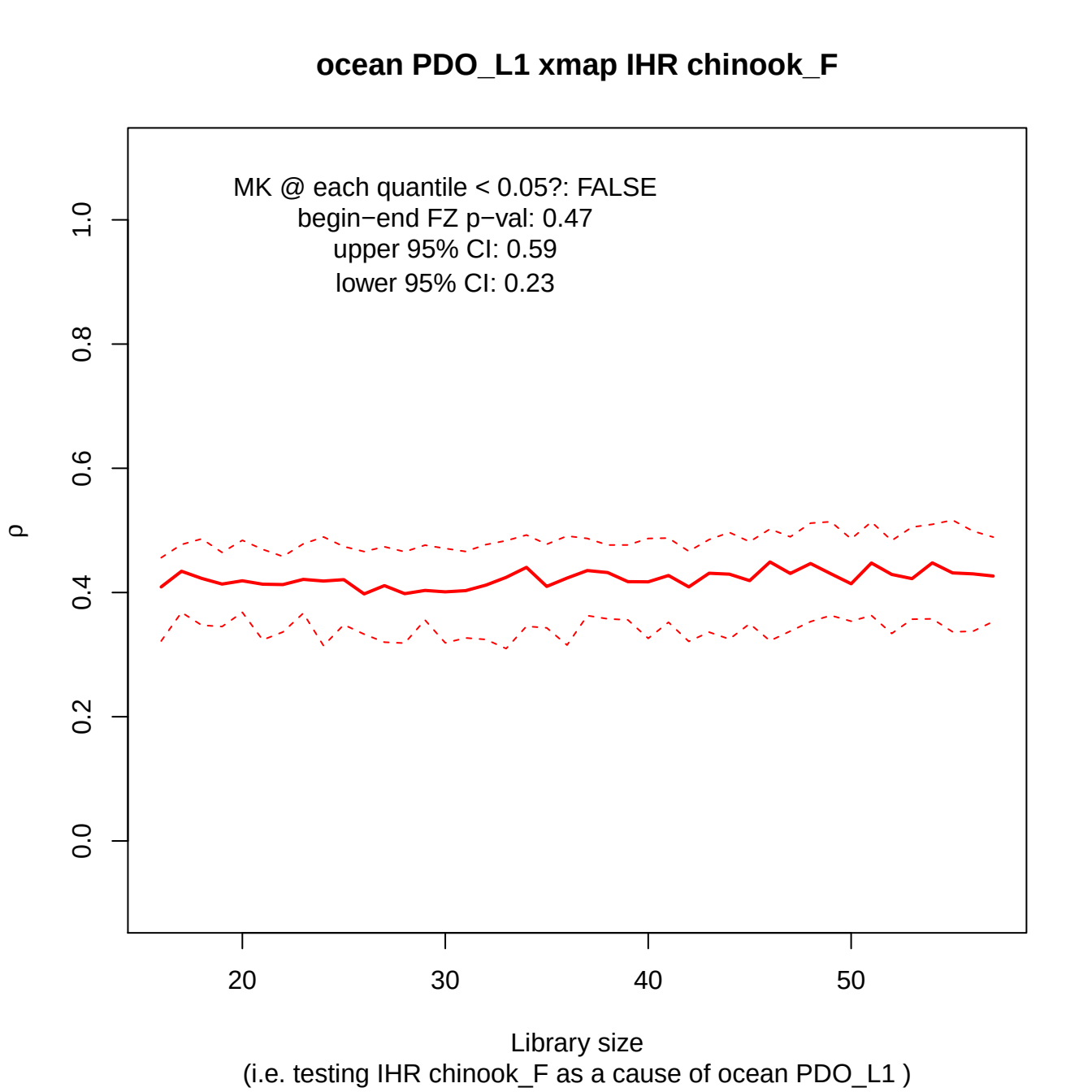

IHR sockeye xmap IHR chinook_F
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.092
upper 95% CI: 0.92
lower 95% CI: 0.81
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_F as a cause of IHR sockeye)

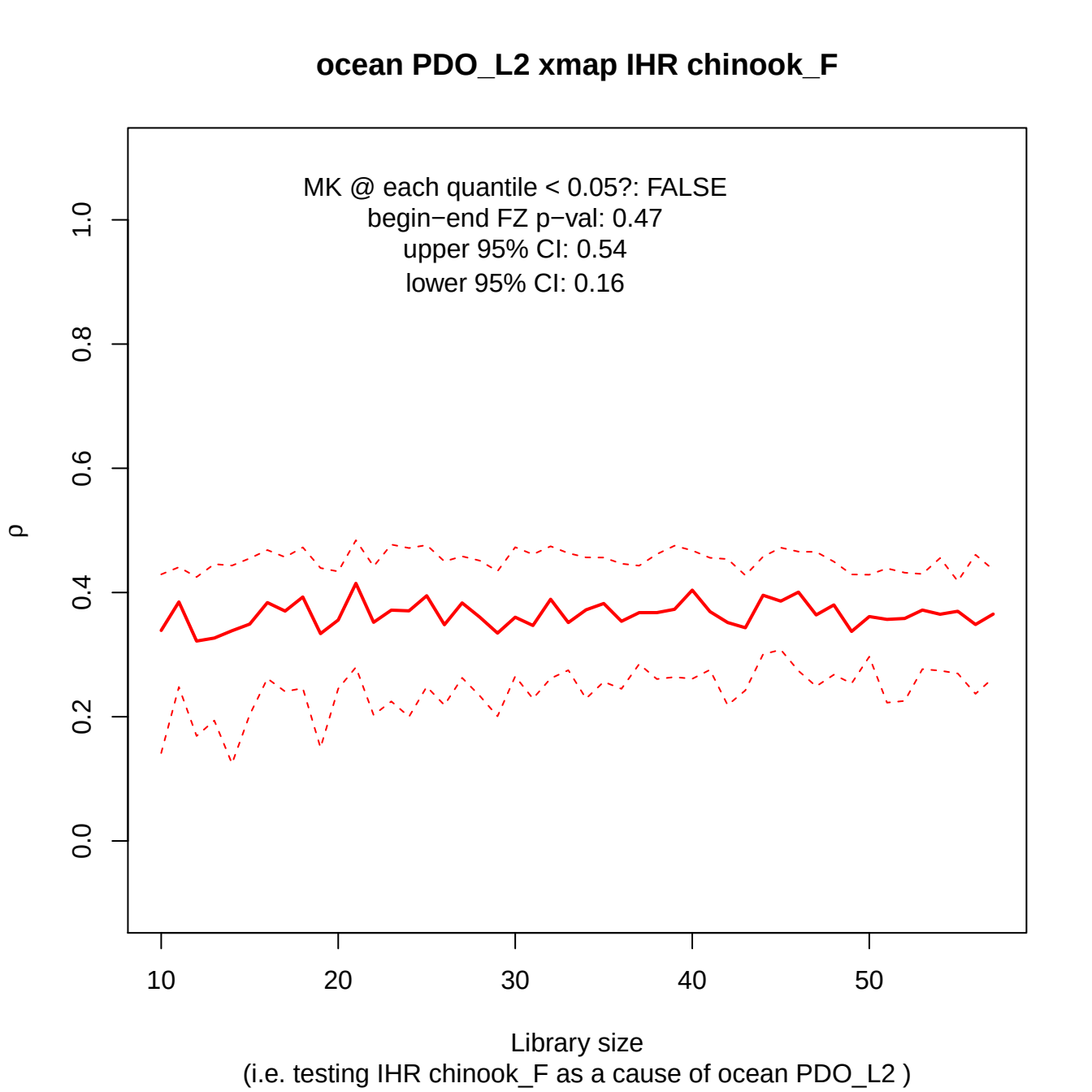

IHR chinook_SS xmap IHR chinook_F
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.45
upper 95% CI: 0.88
lower 95% CI: 0.72
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_F as a cause of IHR chinook_SS)

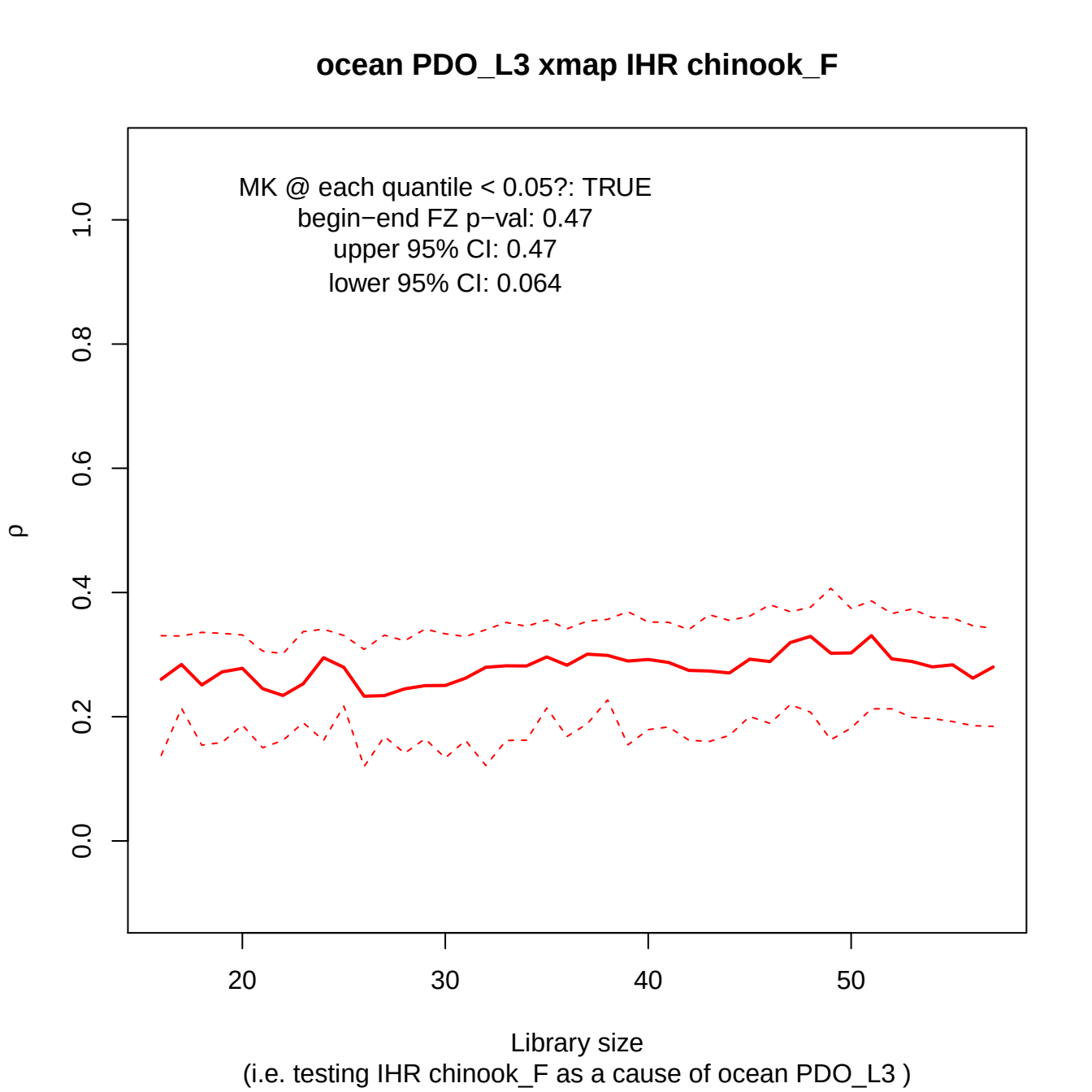

ocean CSL xmap IHR chinook_F
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.27
upper 95% CI: 0.96
lower 95% CI: 0.88
ρ
0.0
0.2
0.4
0.6
0.8
1.0
15
20
25
30
35
40
Library size
(i.e. testing IHR chinook_F as a cause of ocean CSL)

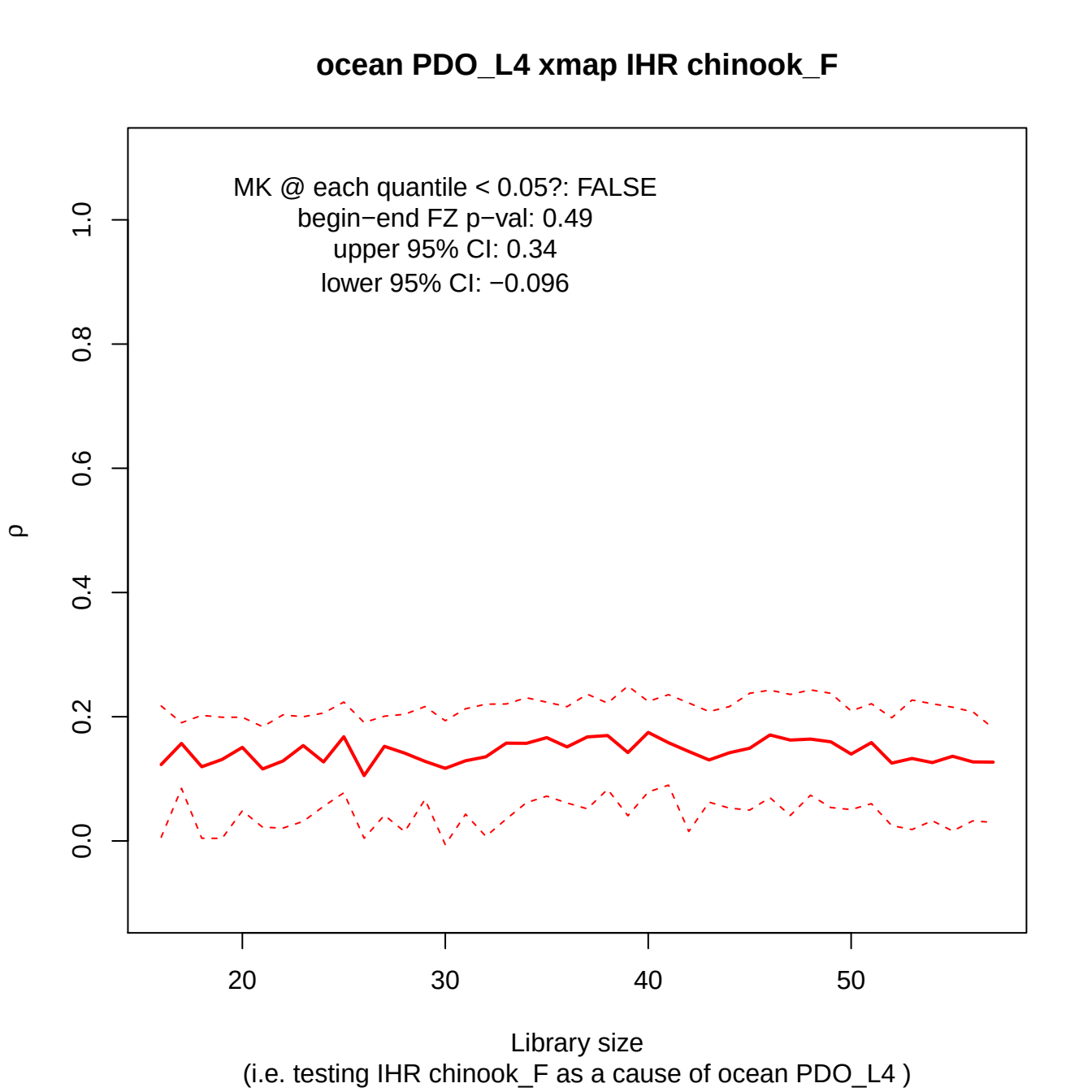

ocean SRKW xmap IHR chinook_F
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.22
upper 95% CI: 0.89
lower 95% CI: 0.71
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing IHR chinook_F as a cause of ocean SRKW)

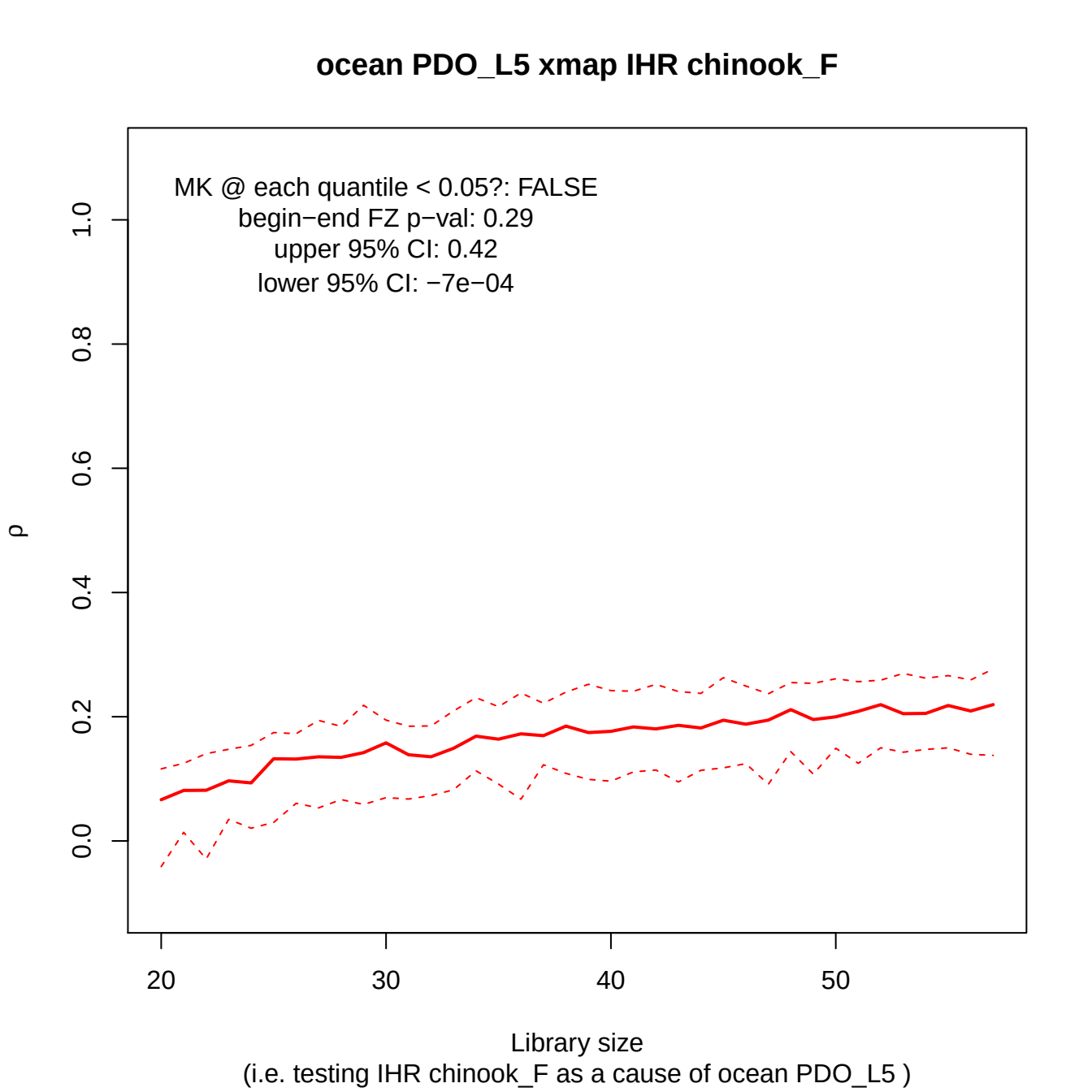

ocean PDO xmap IHR chinook_F
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.48
upper 95% CI: 0.6
lower 95% CI: 0.23
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_F as a cause of ocean PDO)

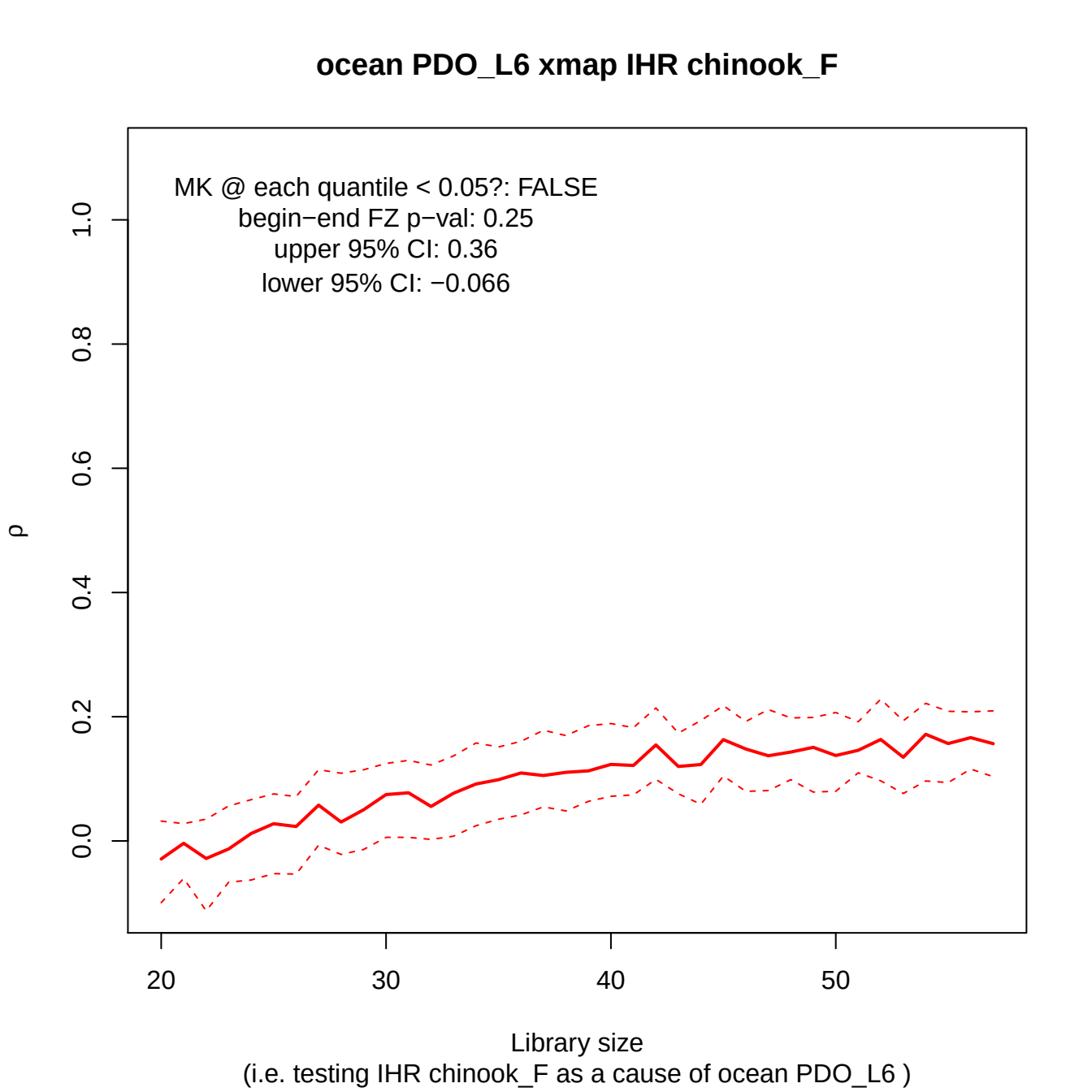

ocean PDO_L1 xmap IHR chinook_F
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.47
upper 95% CI: 0.59
lower 95% CI: 0.23
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_F as a cause of ocean PDO_L1)

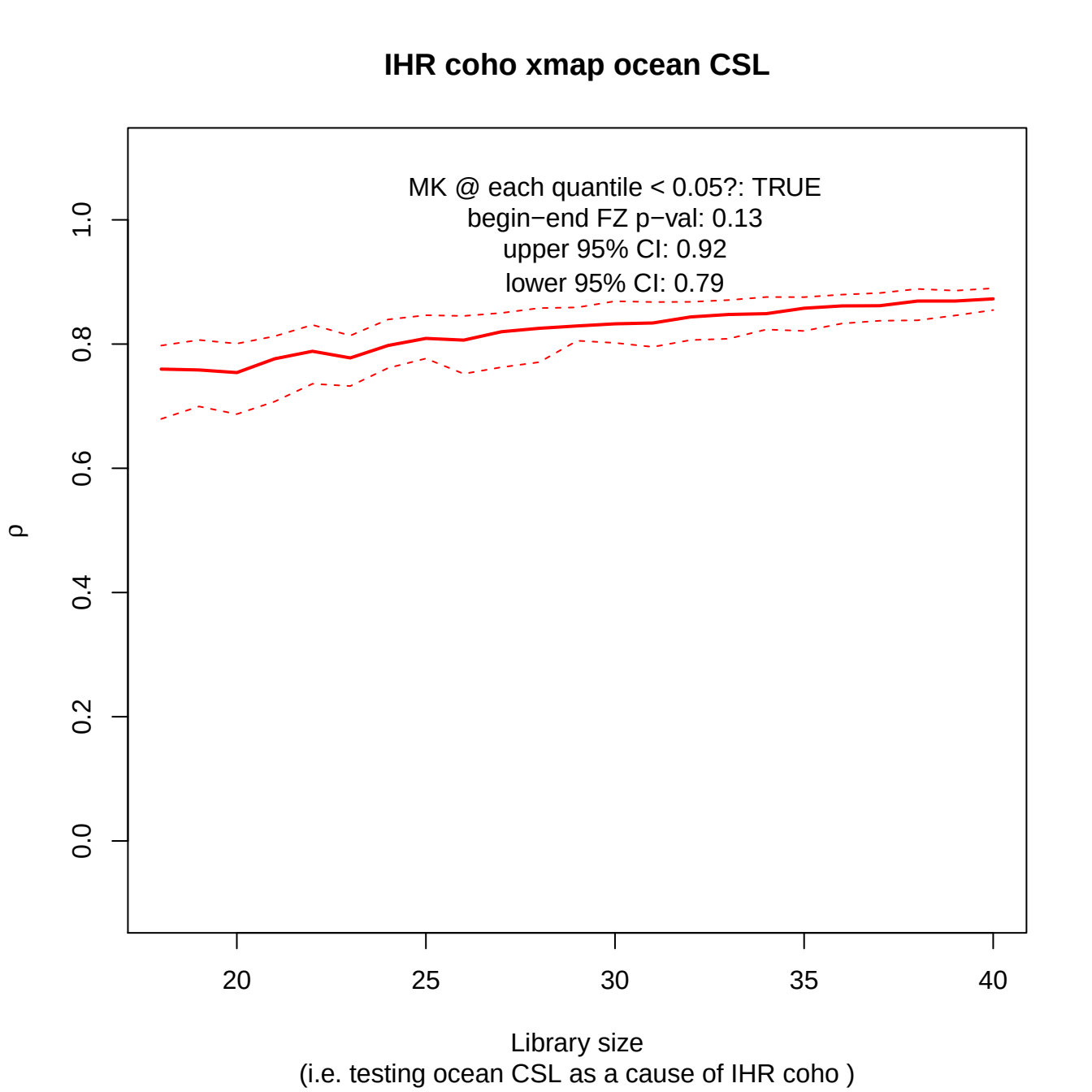

ocean PDO_L2 xmap IHR chinook_F
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.47
upper 95% CI: 0.54
lower 95% CI: 0.16
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing IHR chinook_F as a cause of ocean PDO_L2)

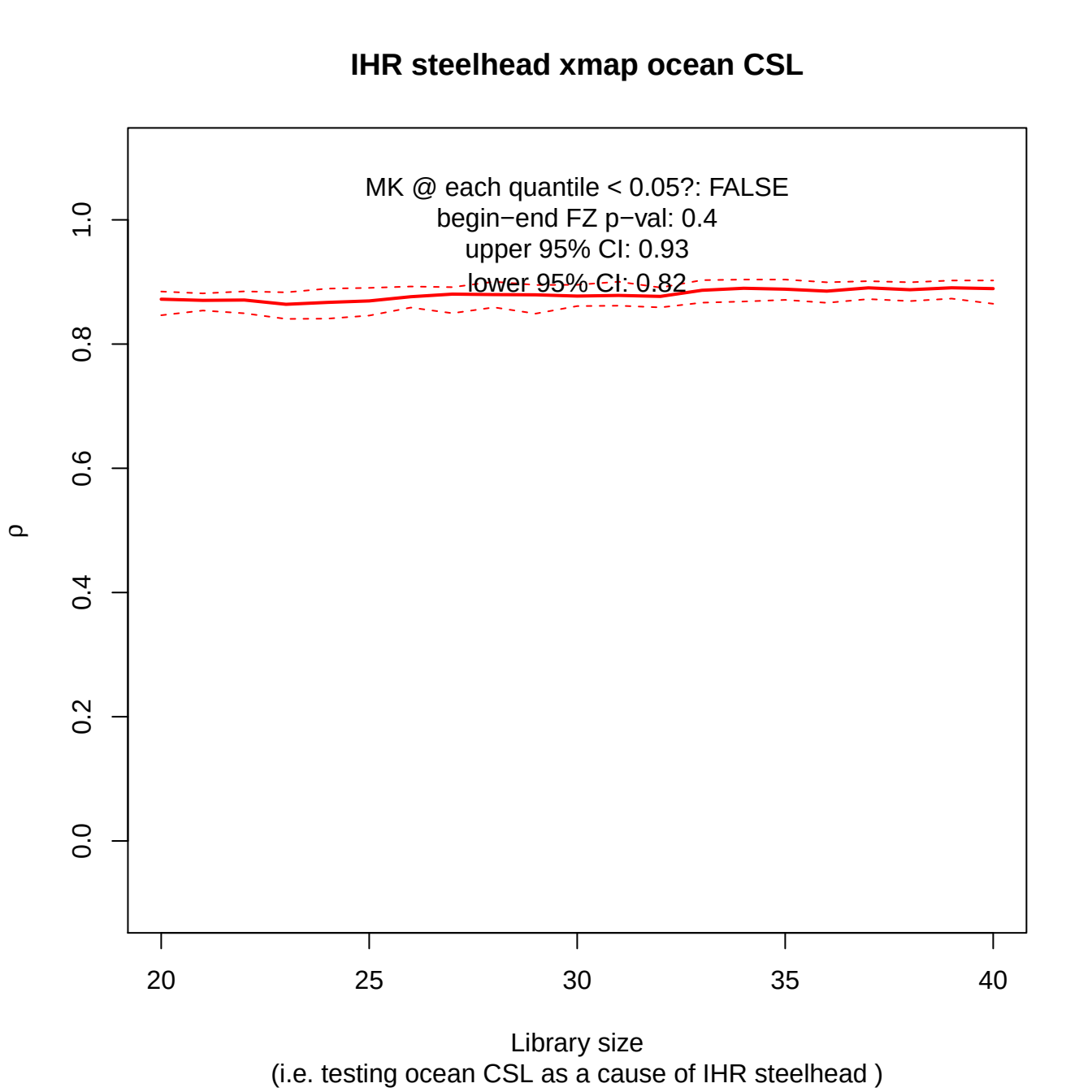

ocean PDO_L3 xmap IHR chinook_F
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.47
upper 95% CI: 0.47
lower 95% CI: 0.064
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_F as a cause of ocean PDO_L3)

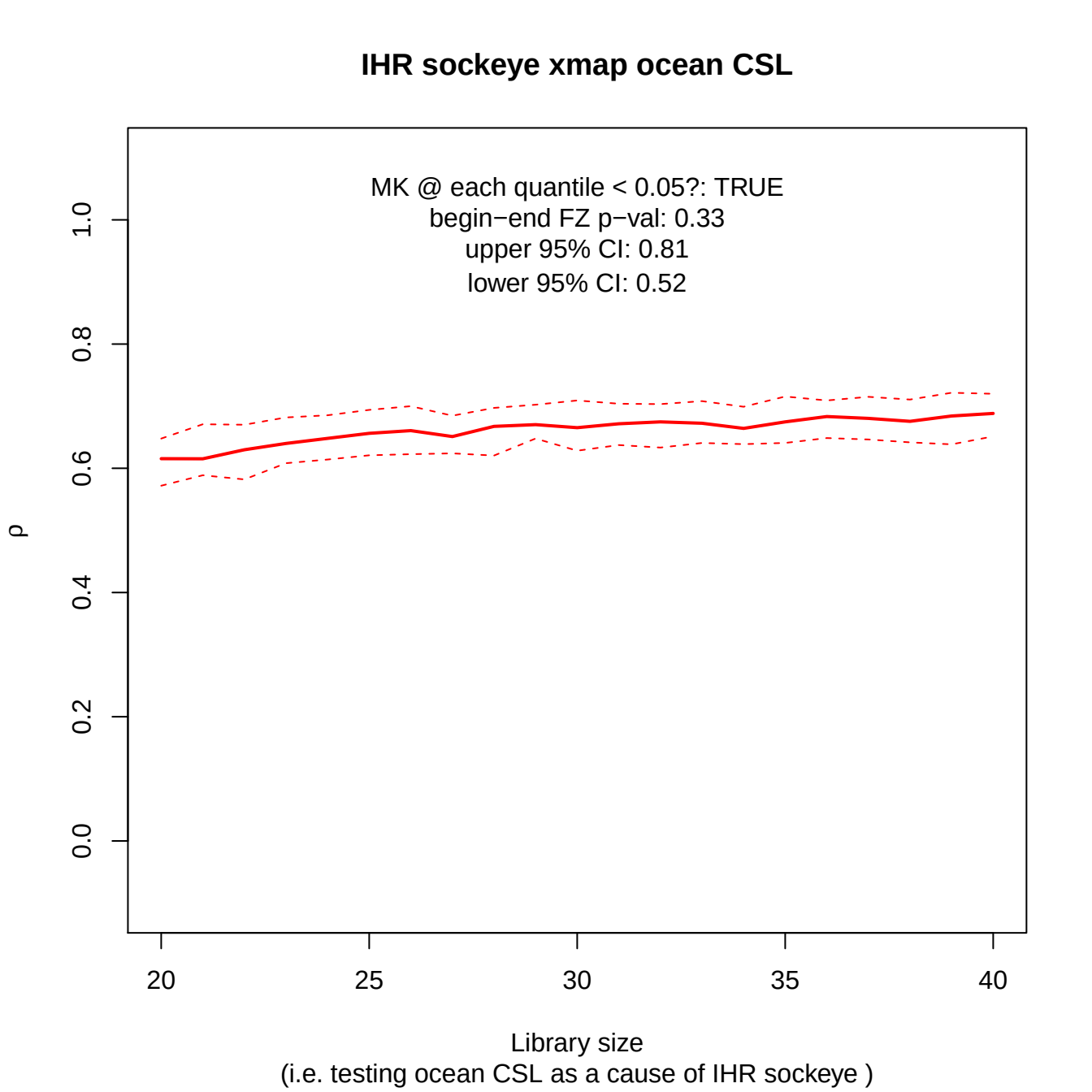

ocean PDO_L4 xmap IHR chinook_F
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.49
upper 95% CI: 0.34
lower 95% CI: −0.096
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_F as a cause of ocean PDO_L4)

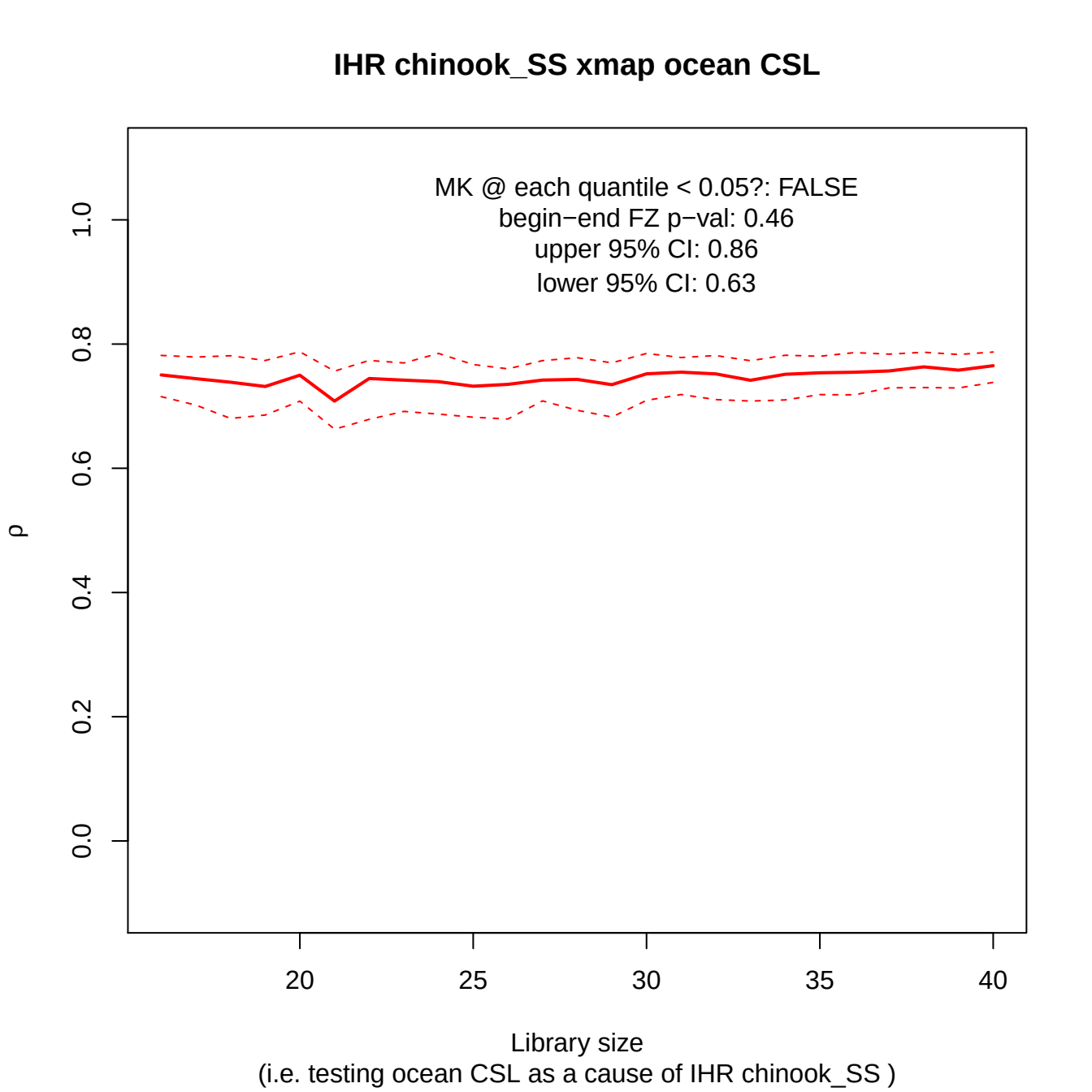

ocean PDO_L5 xmap IHR chinook_F
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.29
upper 95% CI: 0.42
lower 95% CI: −7e−04
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_F as a cause of ocean PDO_L5)

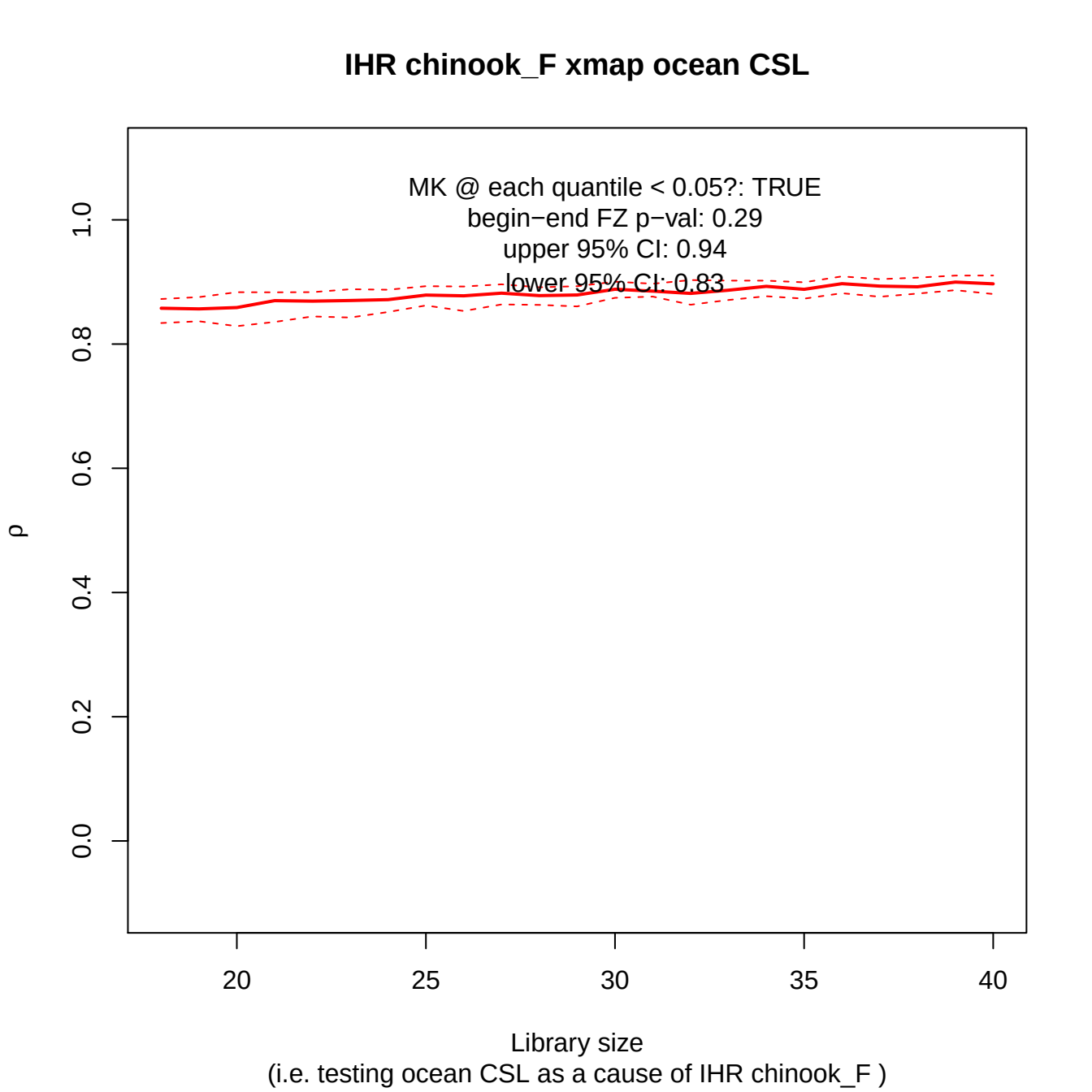

ocean PDO_L6 xmap IHR chinook_F
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.25
upper 95% CI: 0.36
lower 95% CI: −0.066
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing IHR chinook_F as a cause of ocean PDO_L6)

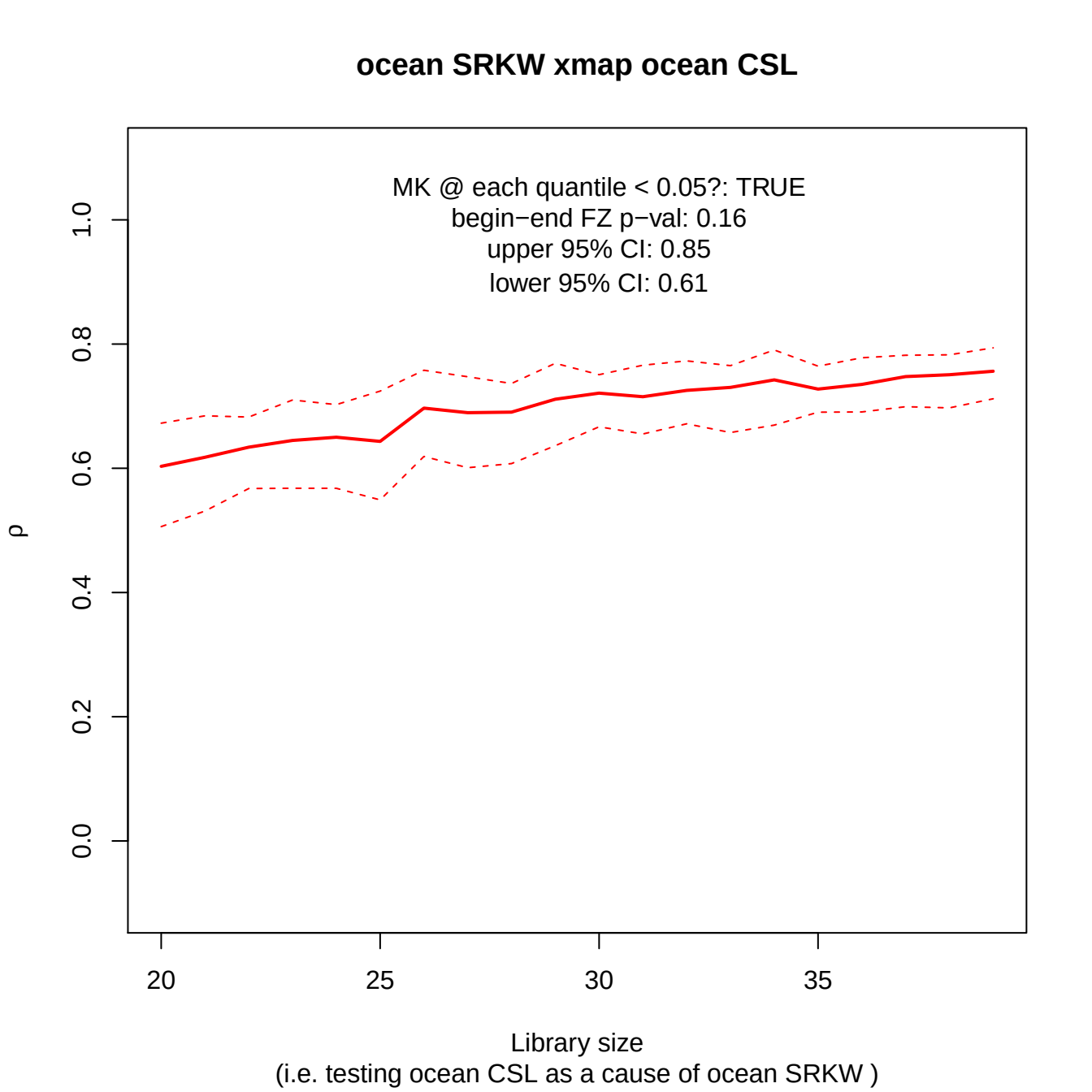

IHR coho xmap ocean CSL
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.13
upper 95% CI: 0.92
lower 95% CI: 0.79
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean CSL as a cause of IHR coho)

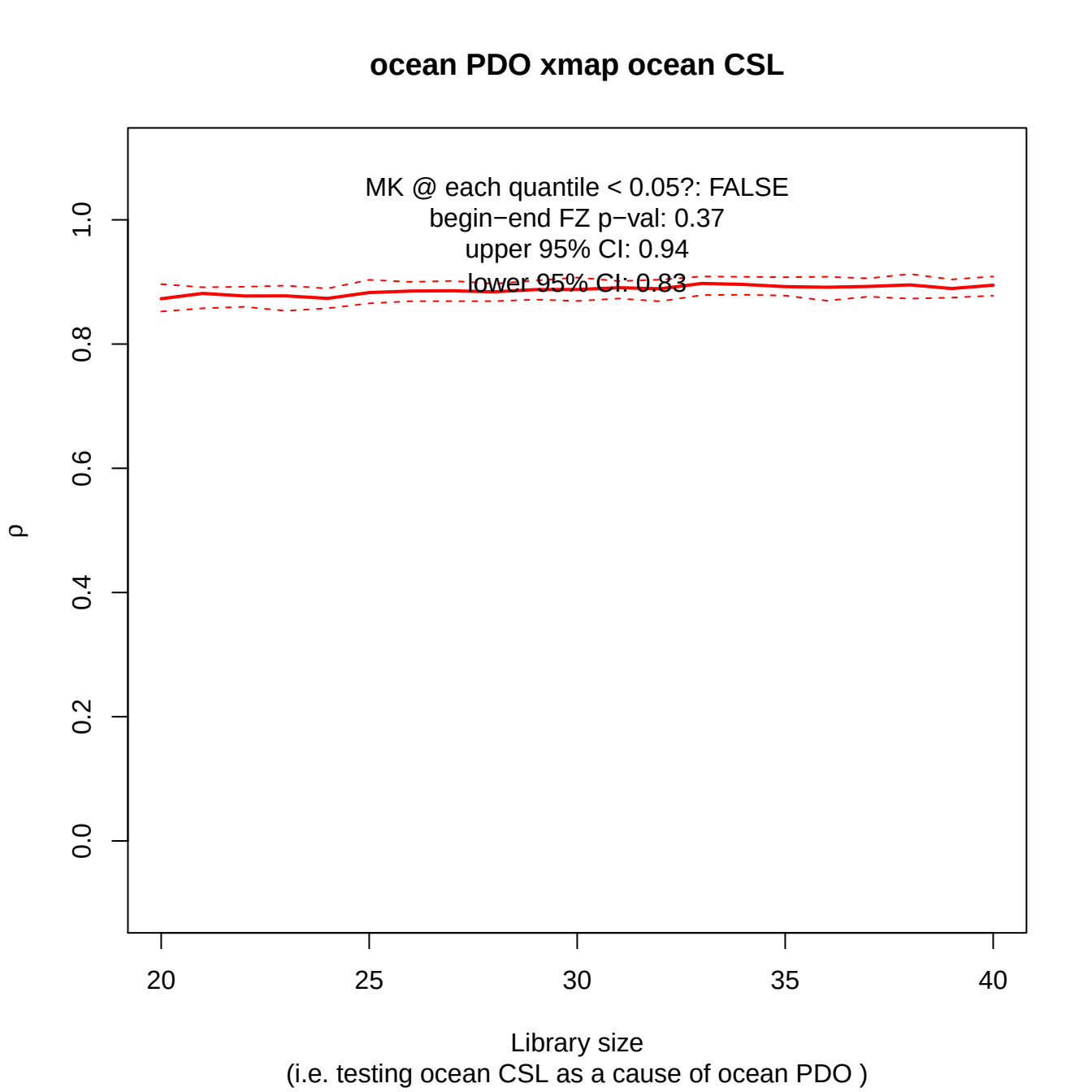

IHR steelhead xmap ocean CSL
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.4
upper 95% CI: 0.93
lower 95% CI: 0.82
ρ
1.0
0.8
0.6
0.4
0.2
0.0
20
25
30
35
40
Library size
(i.e. testing ocean CSL as a cause of IHR steelhead)

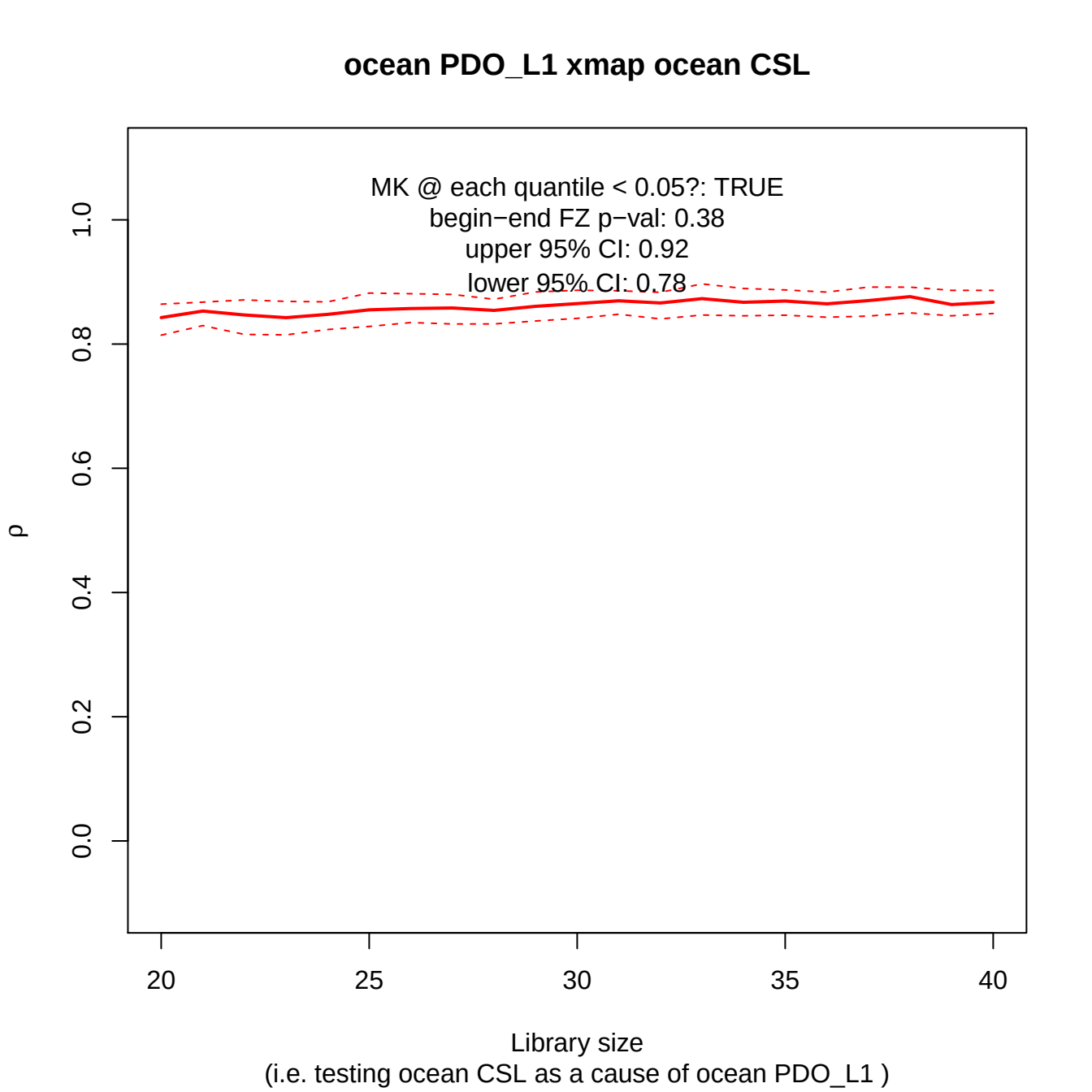

IHR sockeye xmap ocean CSL
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.33
upper 95% CI: 0.81
lower 95% CI: 0.52
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean CSL as a cause of IHR sockeye)

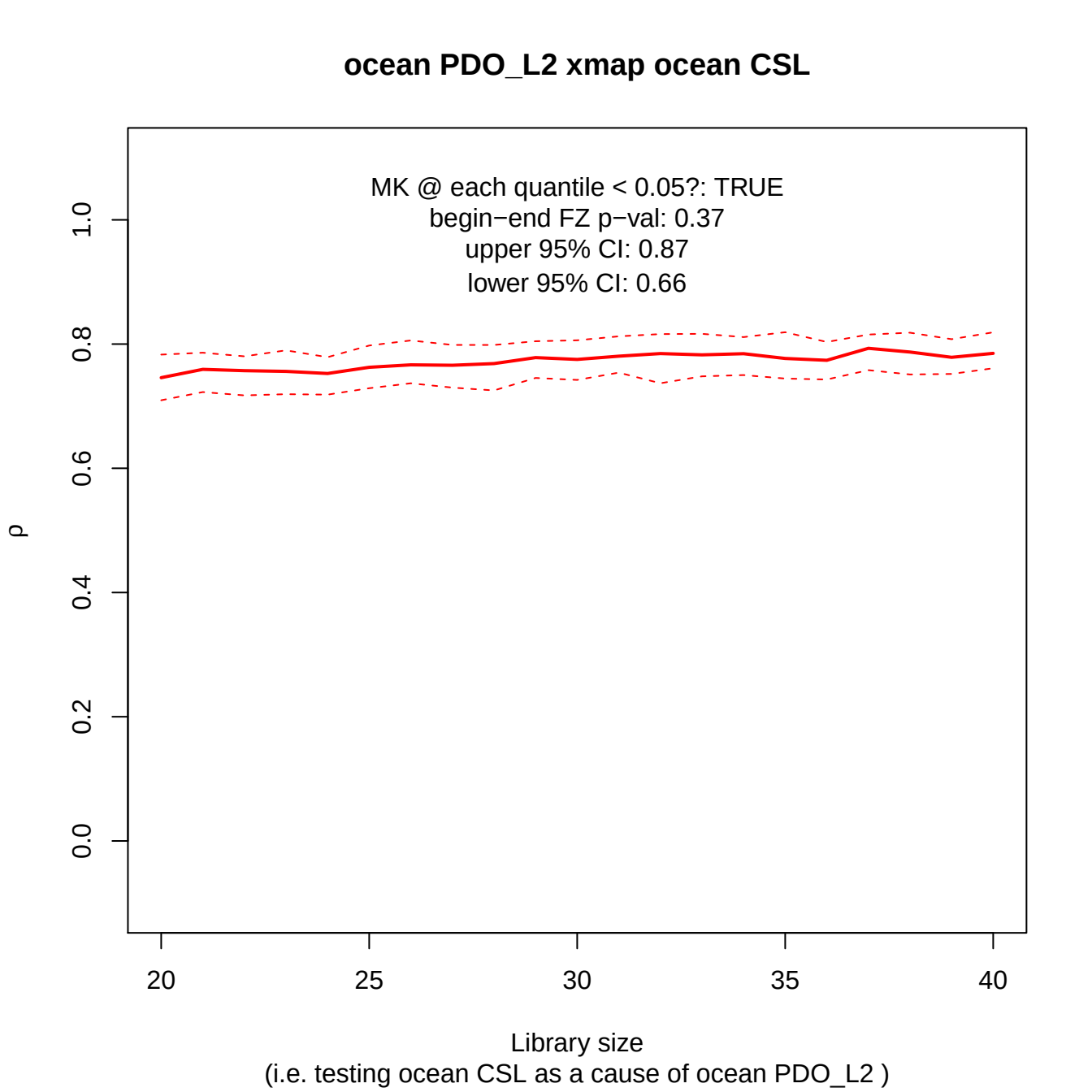

IHR chinook_SS xmap ocean CSL
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.46
upper 95% CI: 0.86
lower 95% CI: 0.63
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean CSL as a cause of IHR chinook_SS)

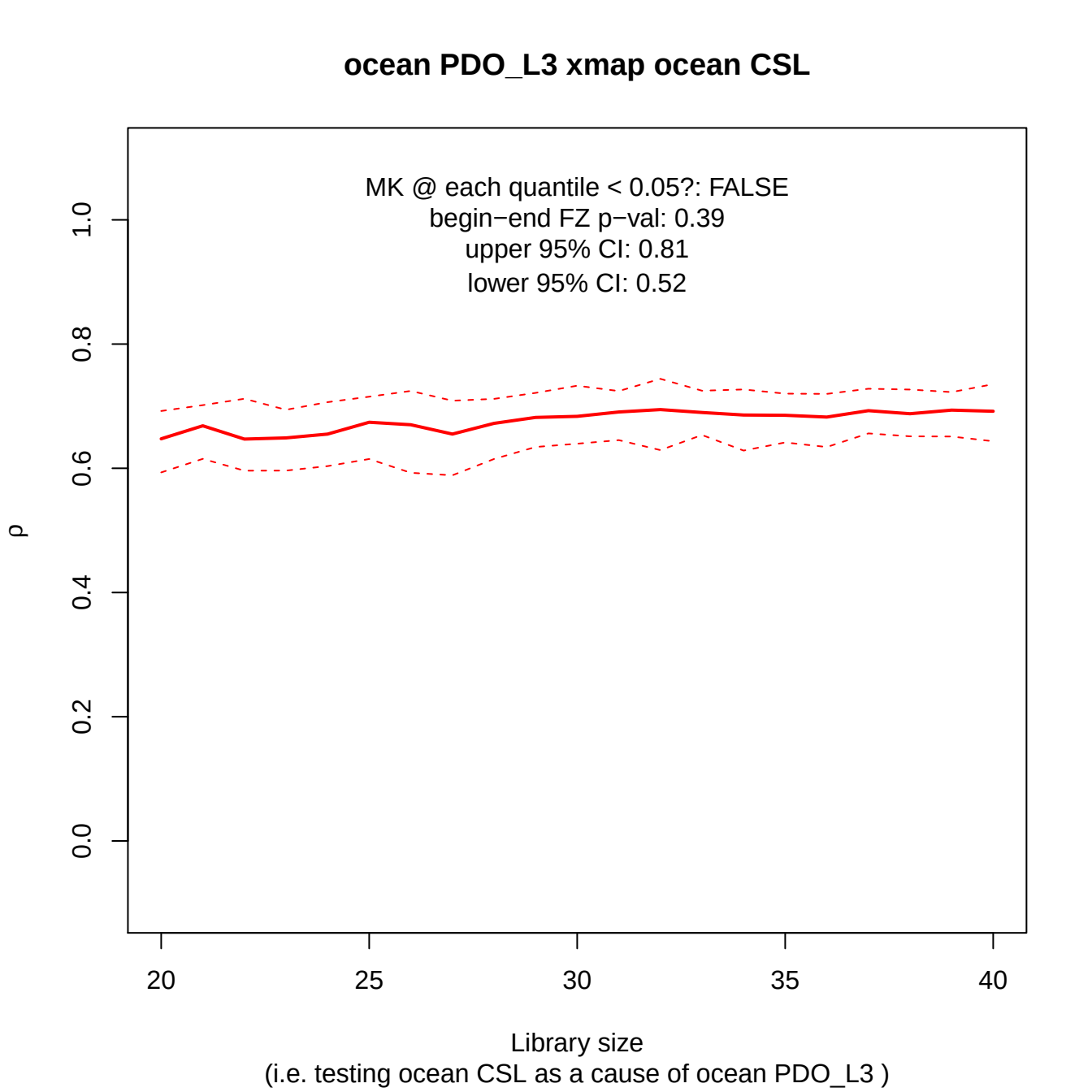

IHR chinook_F xmap ocean CSL
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.29
upper 95% CI: 0.94
lower 95% CI: 0.83
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean CSL as a cause of IHR chinook_F)

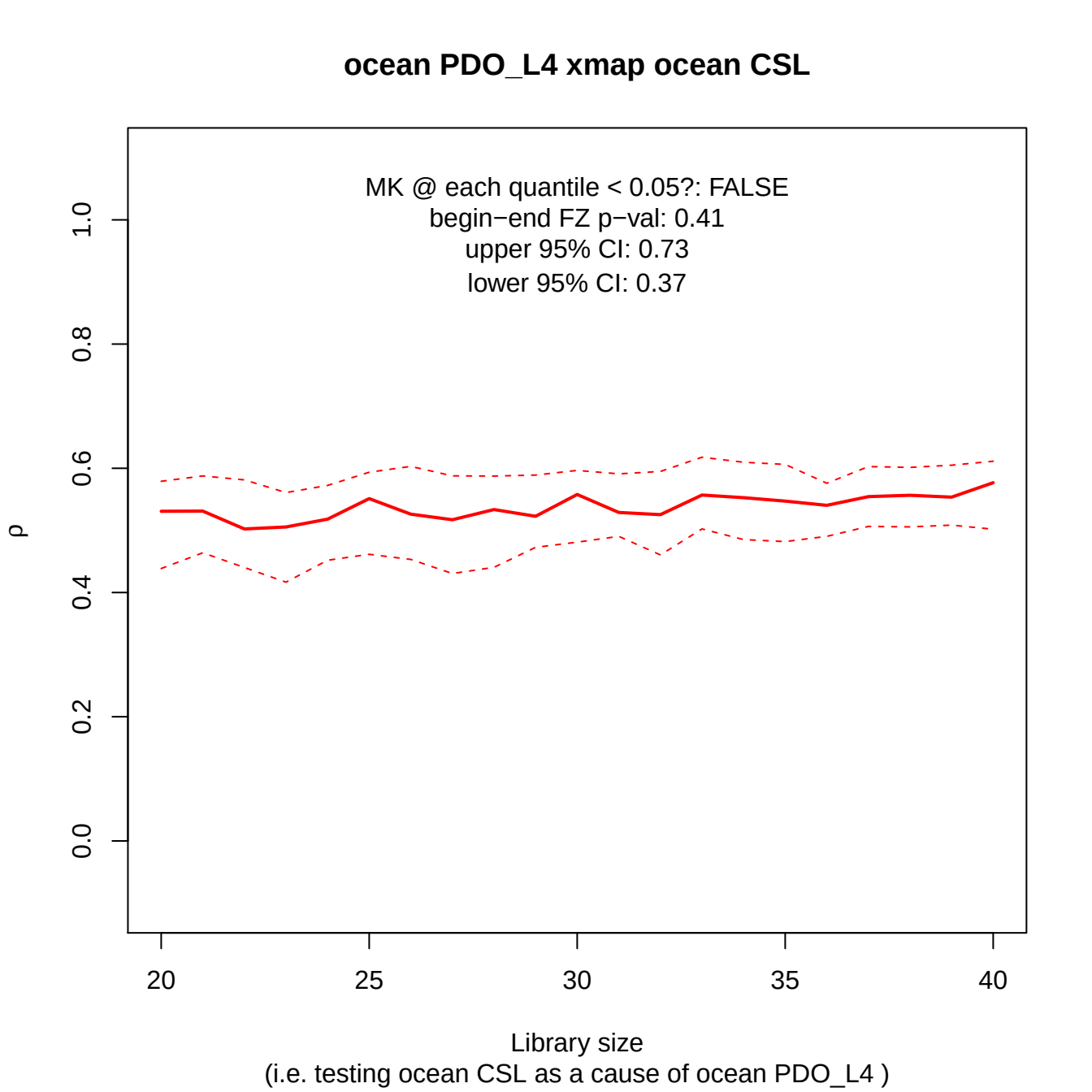

ocean SRKW xmap ocean CSL
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.16
upper 95% CI: 0.85
lower 95% CI: 0.61
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
Library size
(i.e. testing ocean CSL as a cause of ocean SRKW)

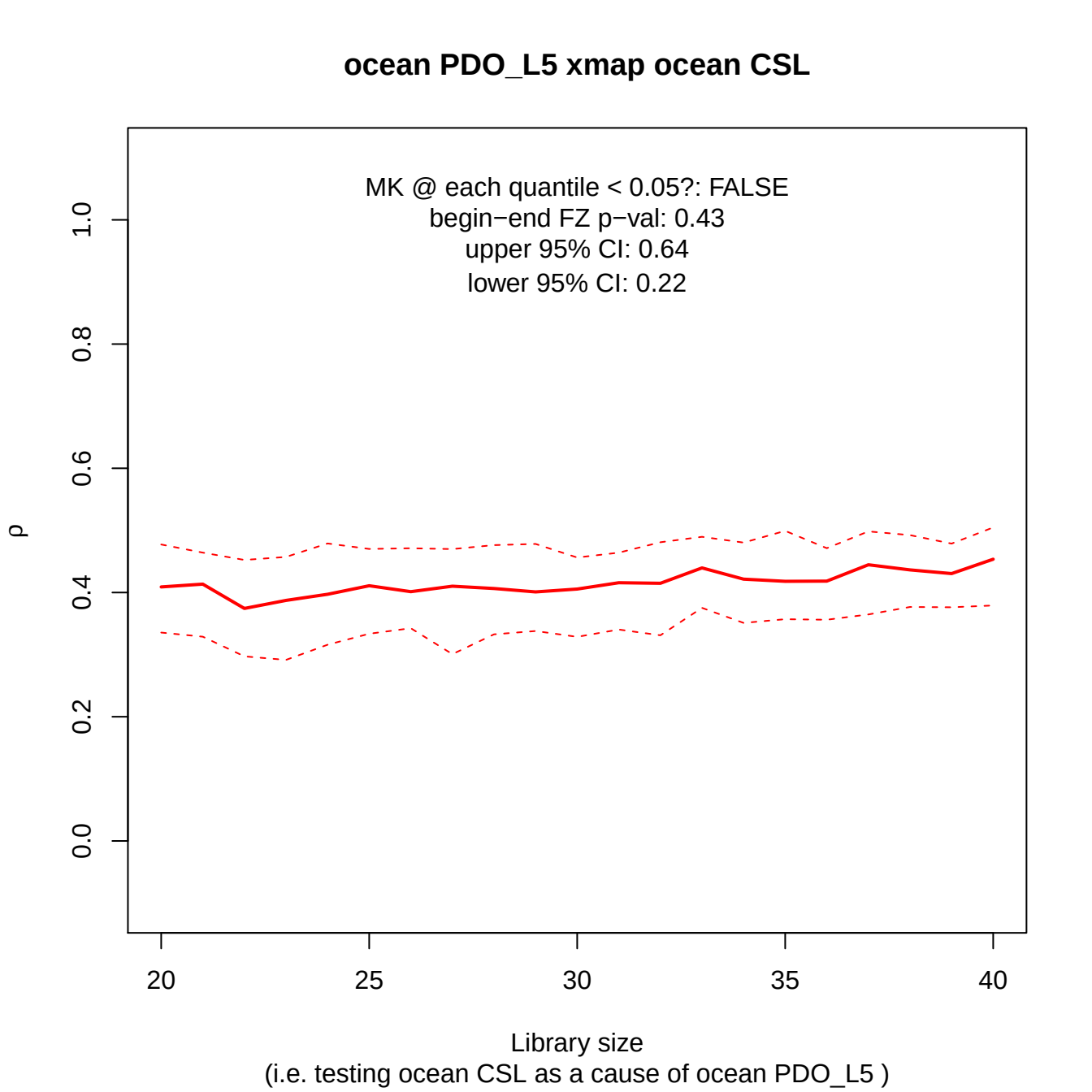

ocean PDO xmap ocean CSL
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.37
upper 95% CI: 0.94
lower 95% CI: 0.83
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean CSL as a cause of ocean PDO)

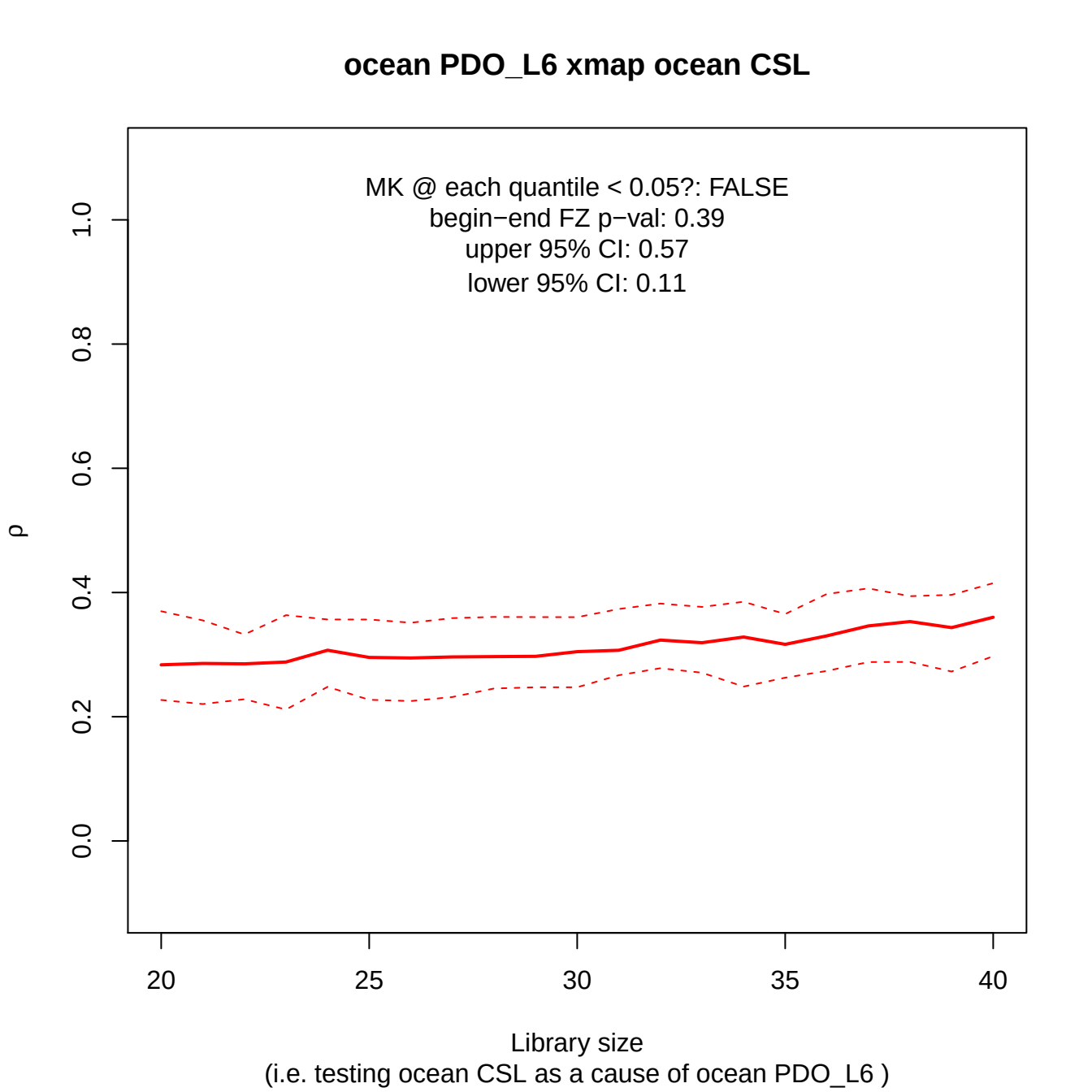

ocean PDO_L1 xmap ocean CSL
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.38
upper 95% CI: 0.92
lower 95% CI: 0.78
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean CSL as a cause of ocean PDO_L1)

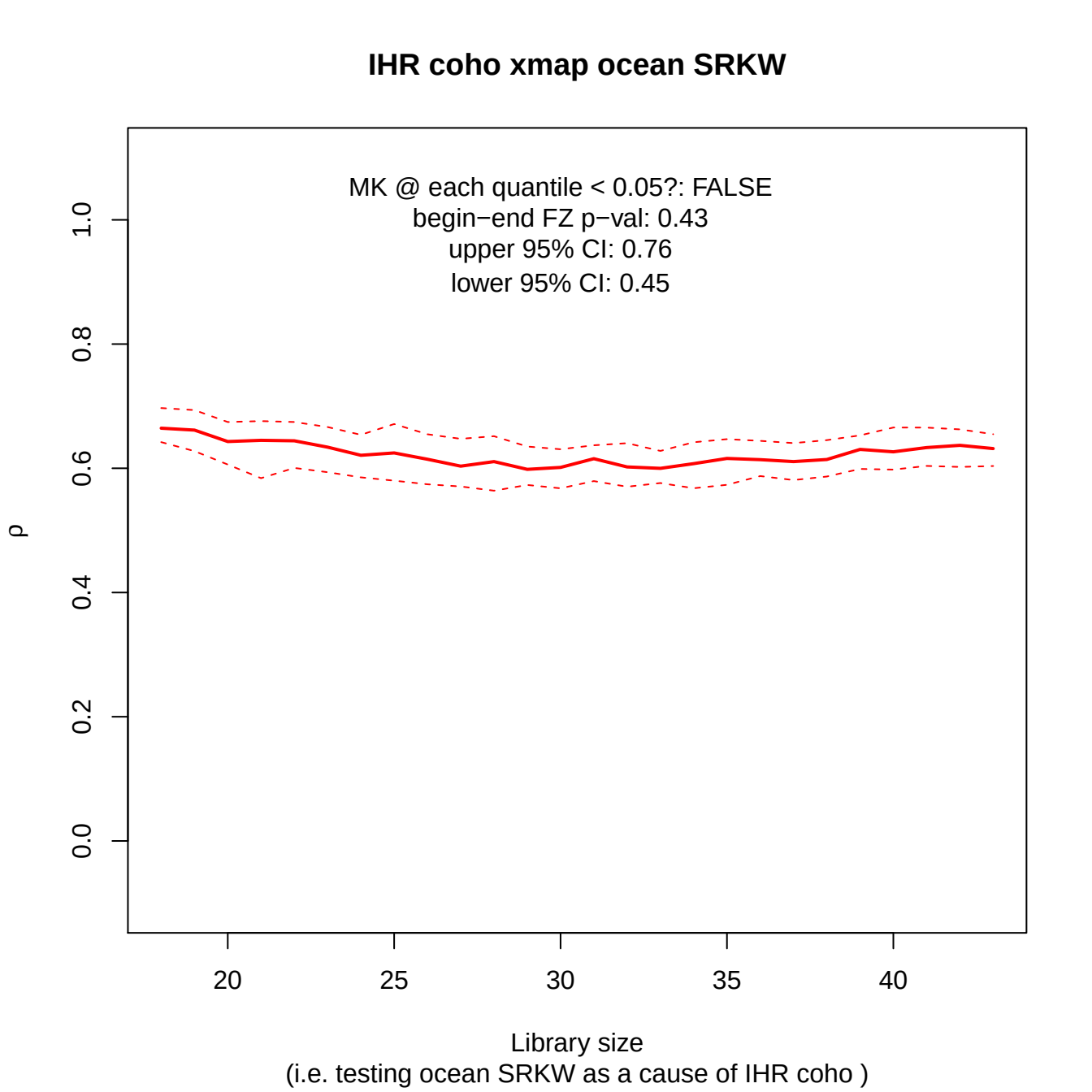

ocean PDO_L2 xmap ocean CSL
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.37
upper 95% CI: 0.87
lower 95% CI: 0.66
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean CSL as a cause of ocean PDO_L2)

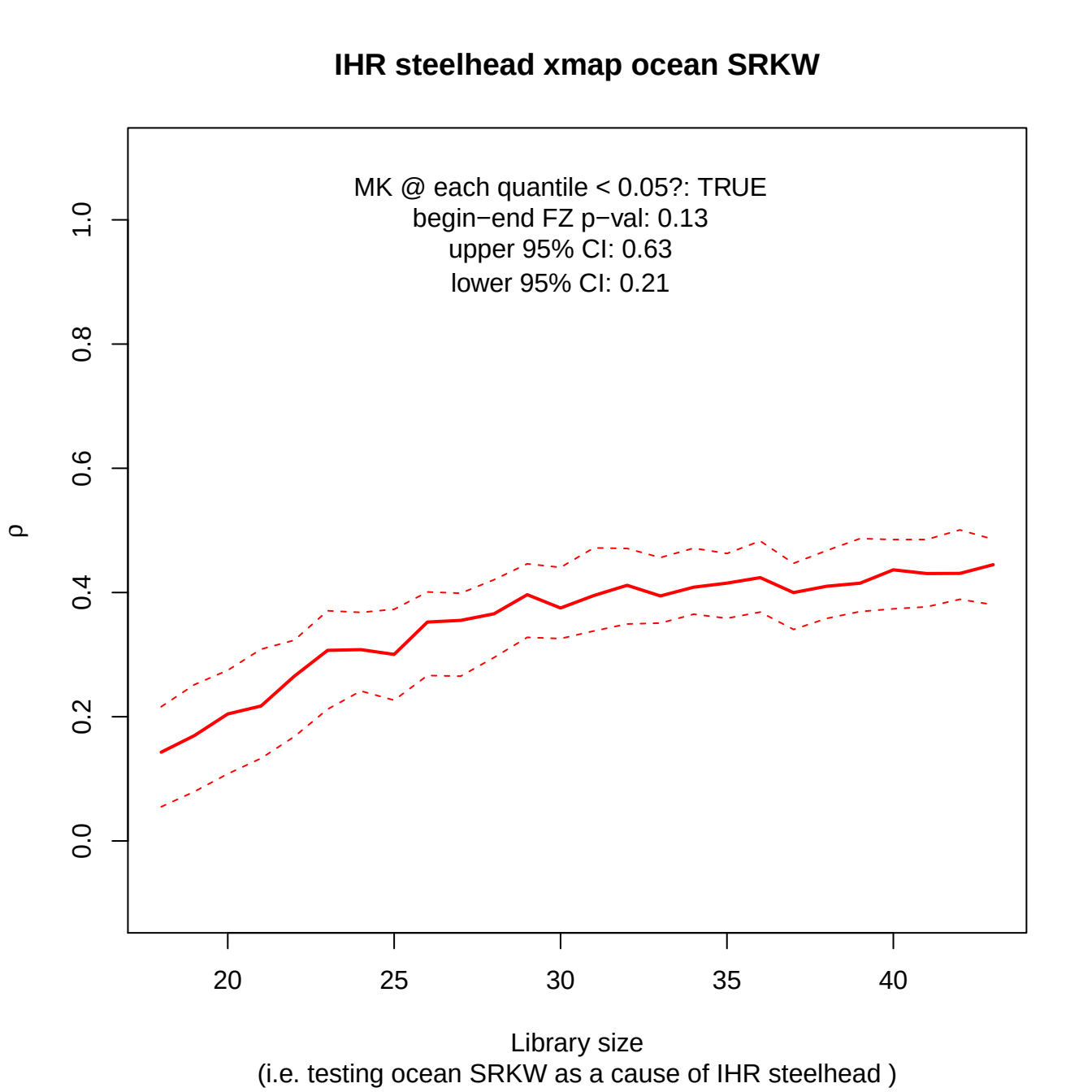

ocean PDO_L3 xmap ocean CSL
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.39
upper 95% CI: 0.81
lower 95% CI: 0.52
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean CSL as a cause of ocean PDO_L3)

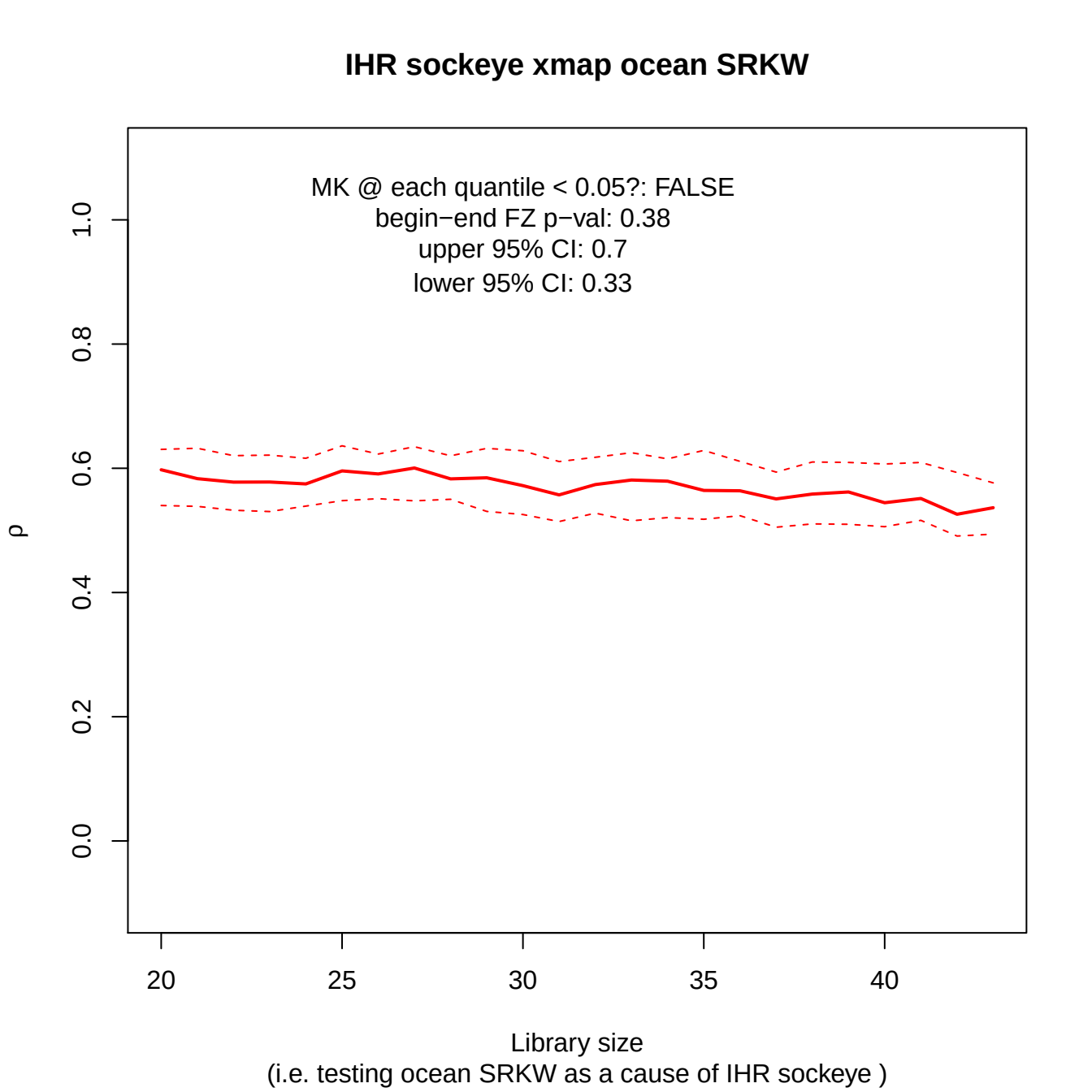

ocean PDO_L4 xmap ocean CSL
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.41
upper 95% CI: 0.73
lower 95% CI: 0.37
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean CSL as a cause of ocean PDO_L4)

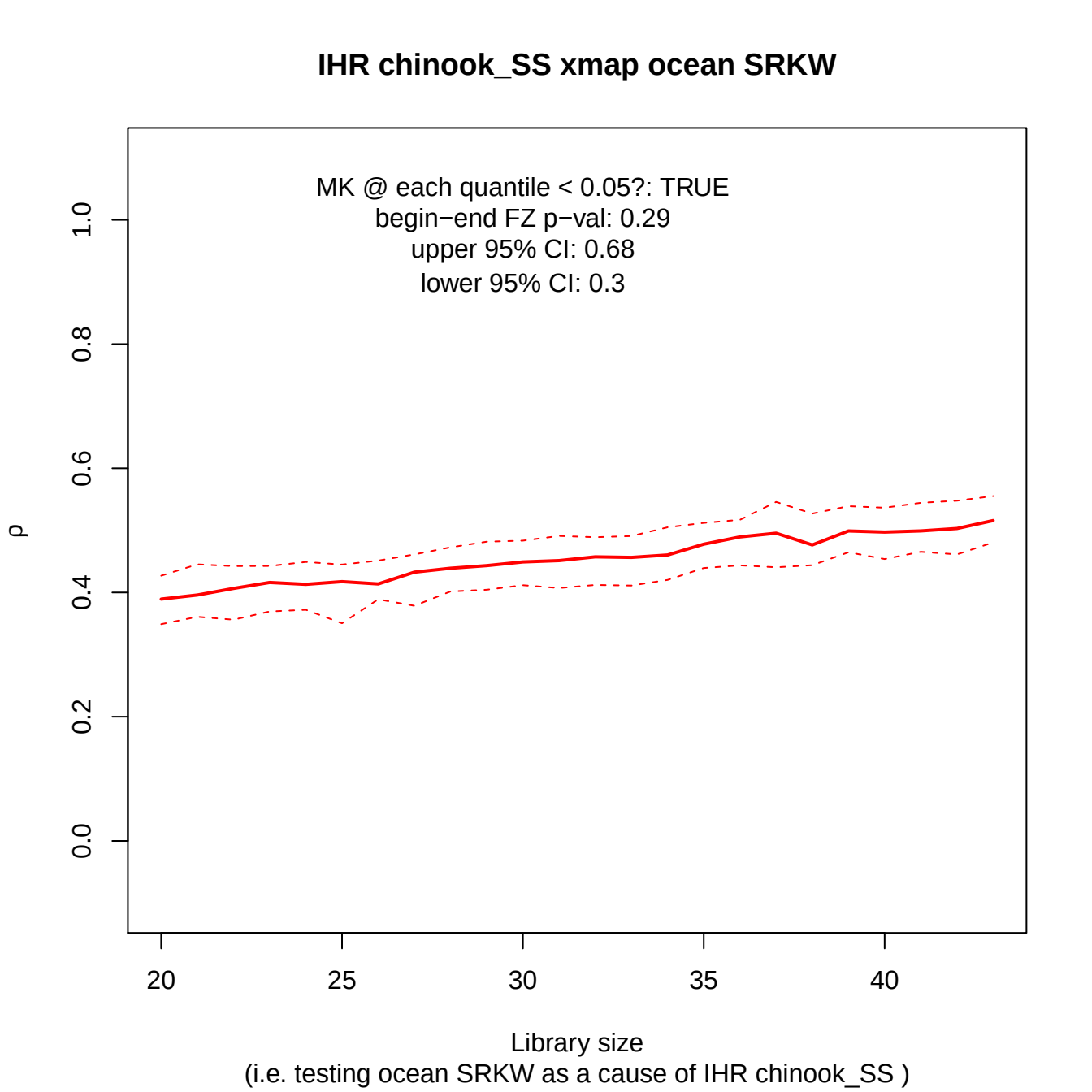

ocean PDO_L5 xmap ocean CSL
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.43
upper 95% CI: 0.64
lower 95% CI: 0.22
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean CSL as a cause of ocean PDO_L5)

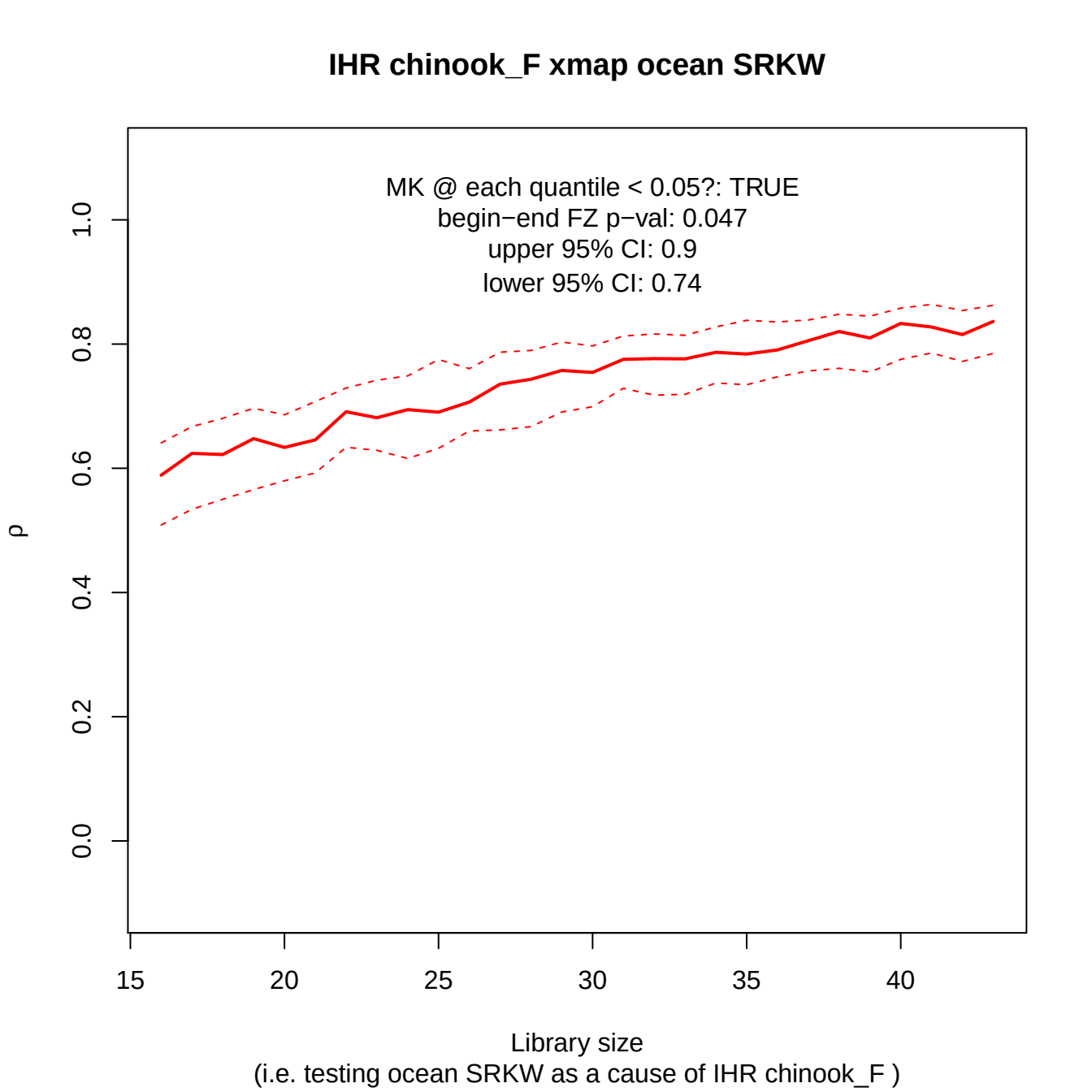

ocean PDO_L6 xmap ocean CSL
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.39
upper 95% CI: 0.57
lower 95% CI: 0.11
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean CSL as a cause of ocean PDO_L6)

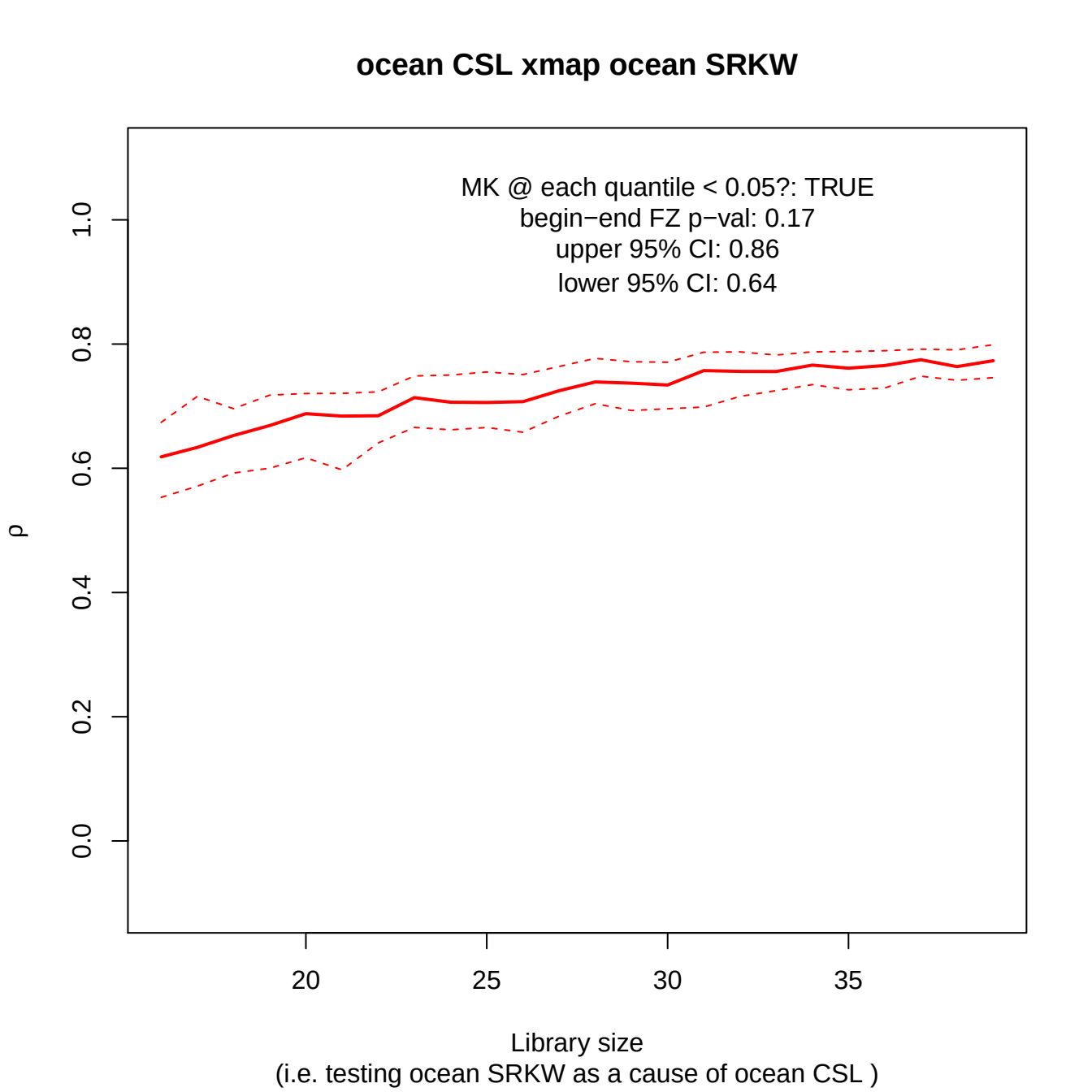

IHR coho xmap ocean SRKW
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.43
upper 95% CI: 0.76
lower 95% CI: 0.45
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean SRKW as a cause of IHR coho)

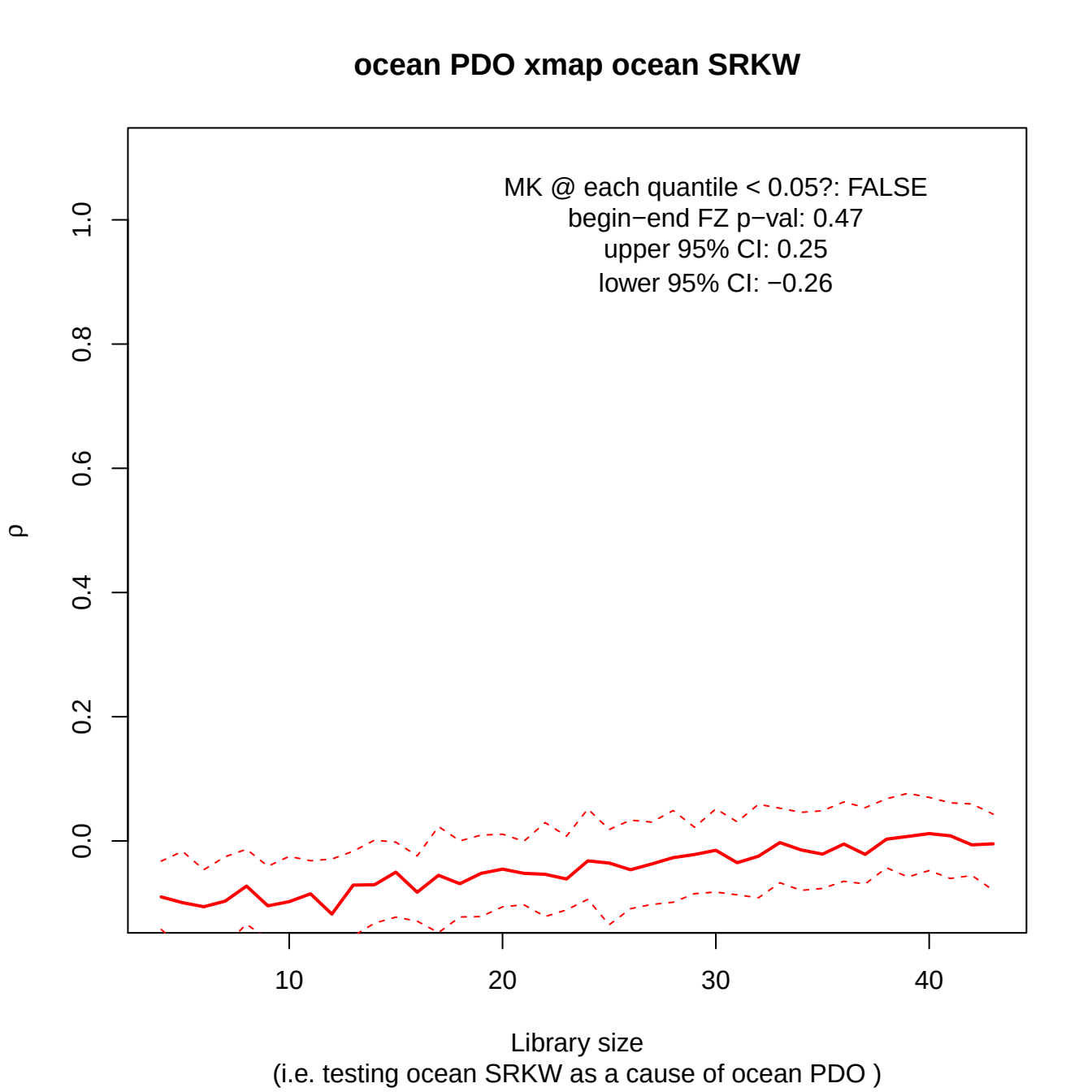

IHR steelhead xmap ocean SRKW
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.13
upper 95% CI: 0.63
lower 95% CI: 0.21
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean SRKW as a cause of IHR steelhead)

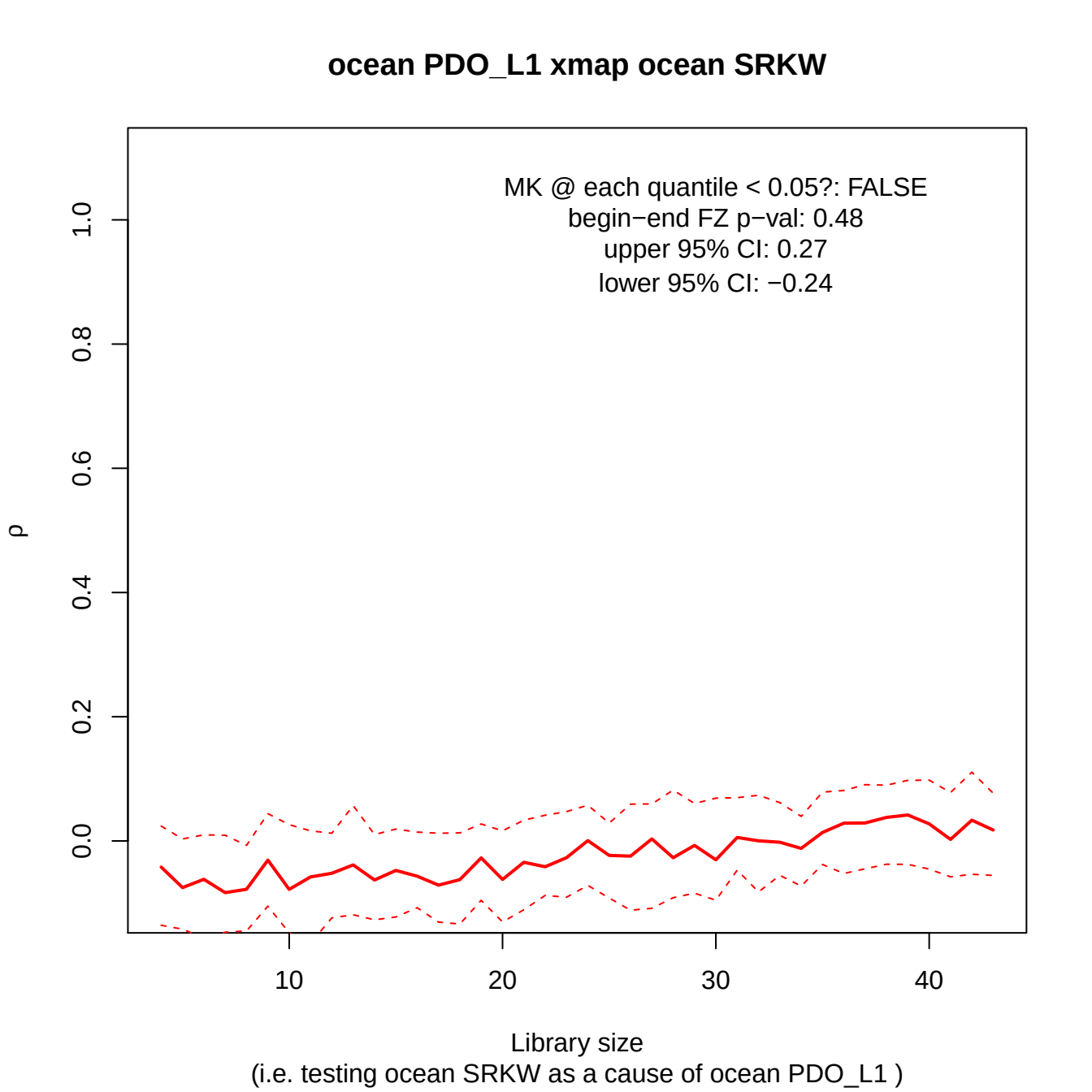

IHR sockeye xmap ocean SRKW
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.38
upper 95% CI: 0.7
lower 95% CI: 0.33
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean SRKW as a cause of IHR sockeye)

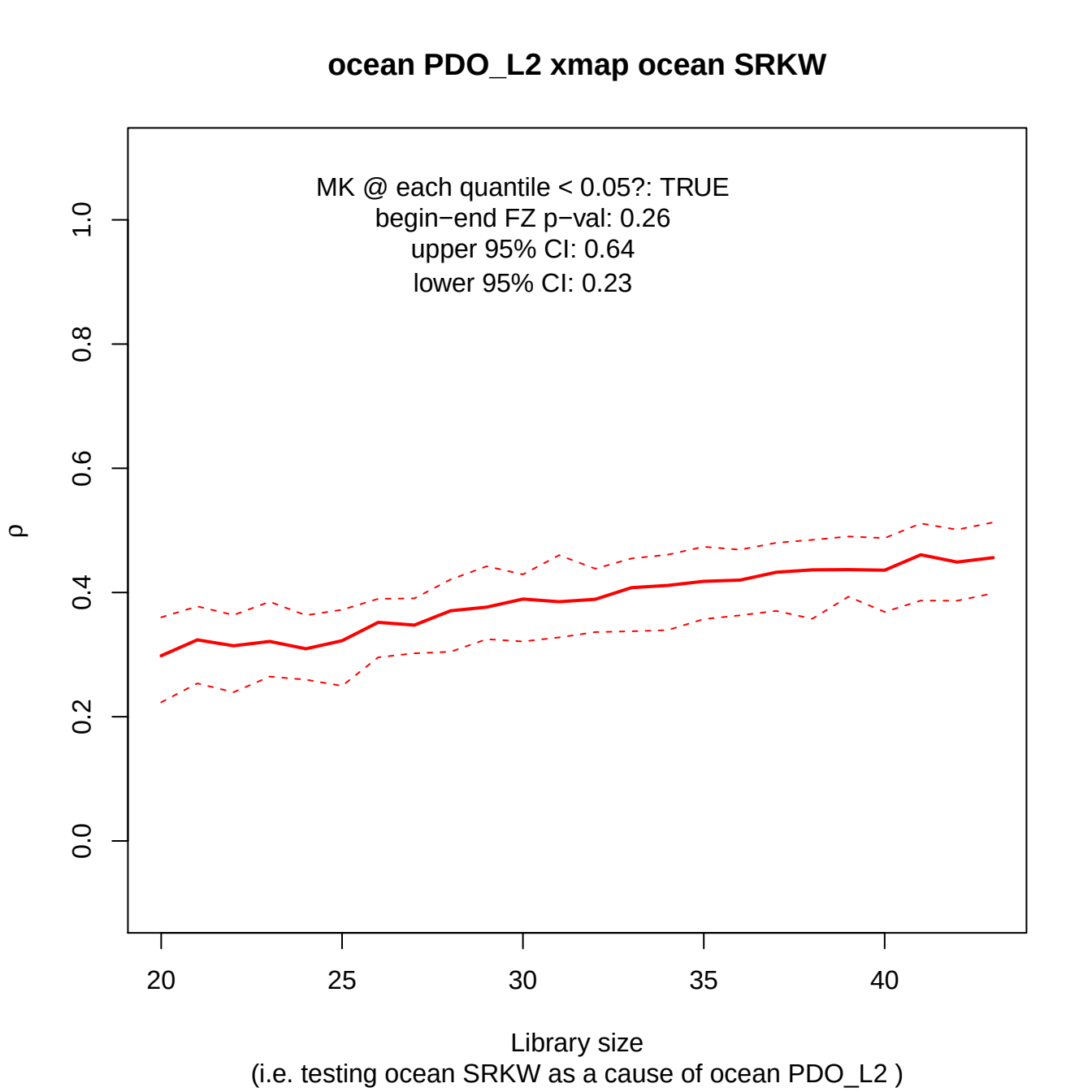

IHR chinook_SS xmap ocean SRKW
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.29
upper 95% CI: 0.68
lower 95% CI: 0.3
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean SRKW as a cause of IHR chinook_SS)

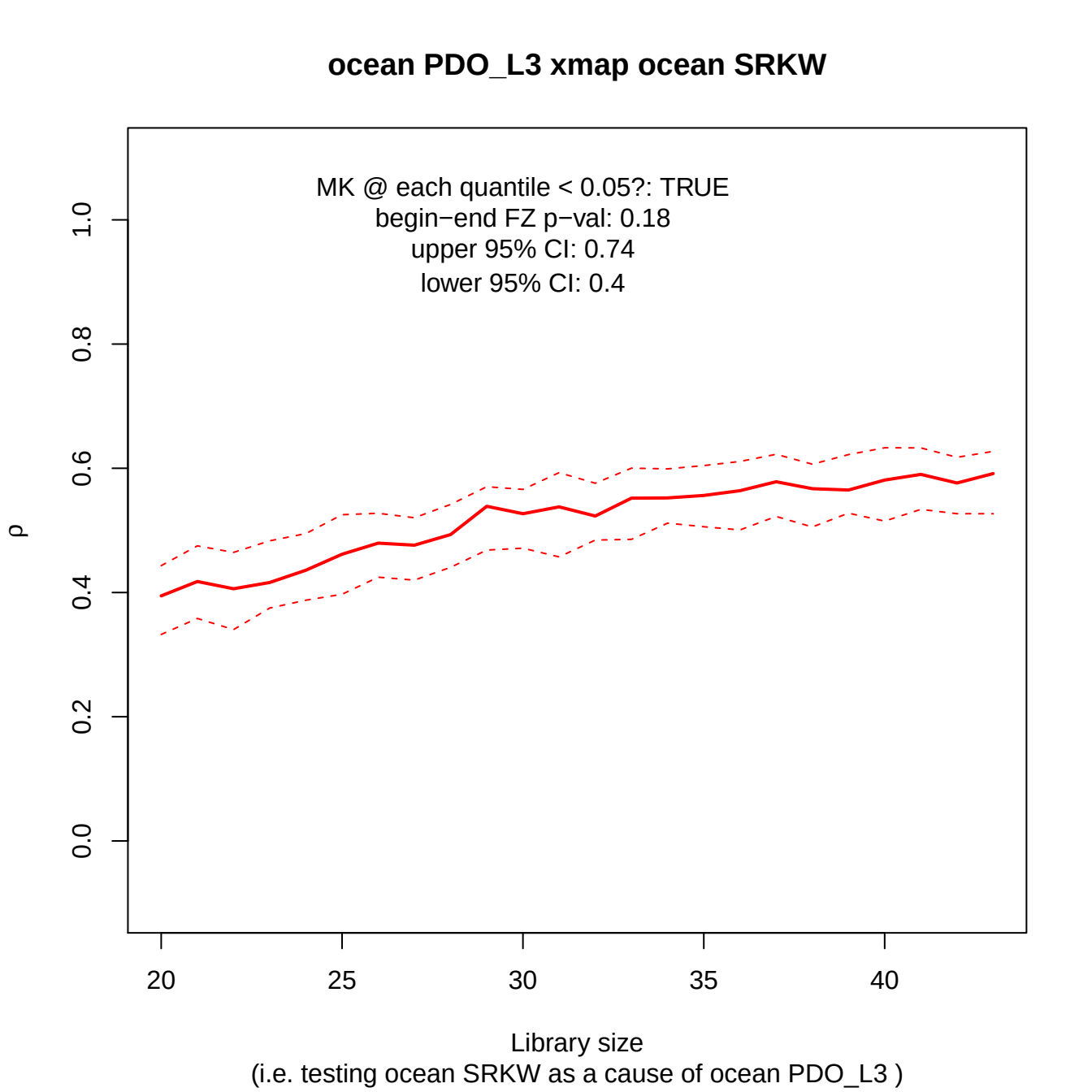

IHR chinook_F xmap ocean SRKW
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.047
upper 95% CI: 0.9
lower 95% CI: 0.74
ρ
0.0
0.2
0.4
0.6
0.8
1.0
15
20
25
30
35
40
Library size
(i.e. testing ocean SRKW as a cause of IHR chinook_F)

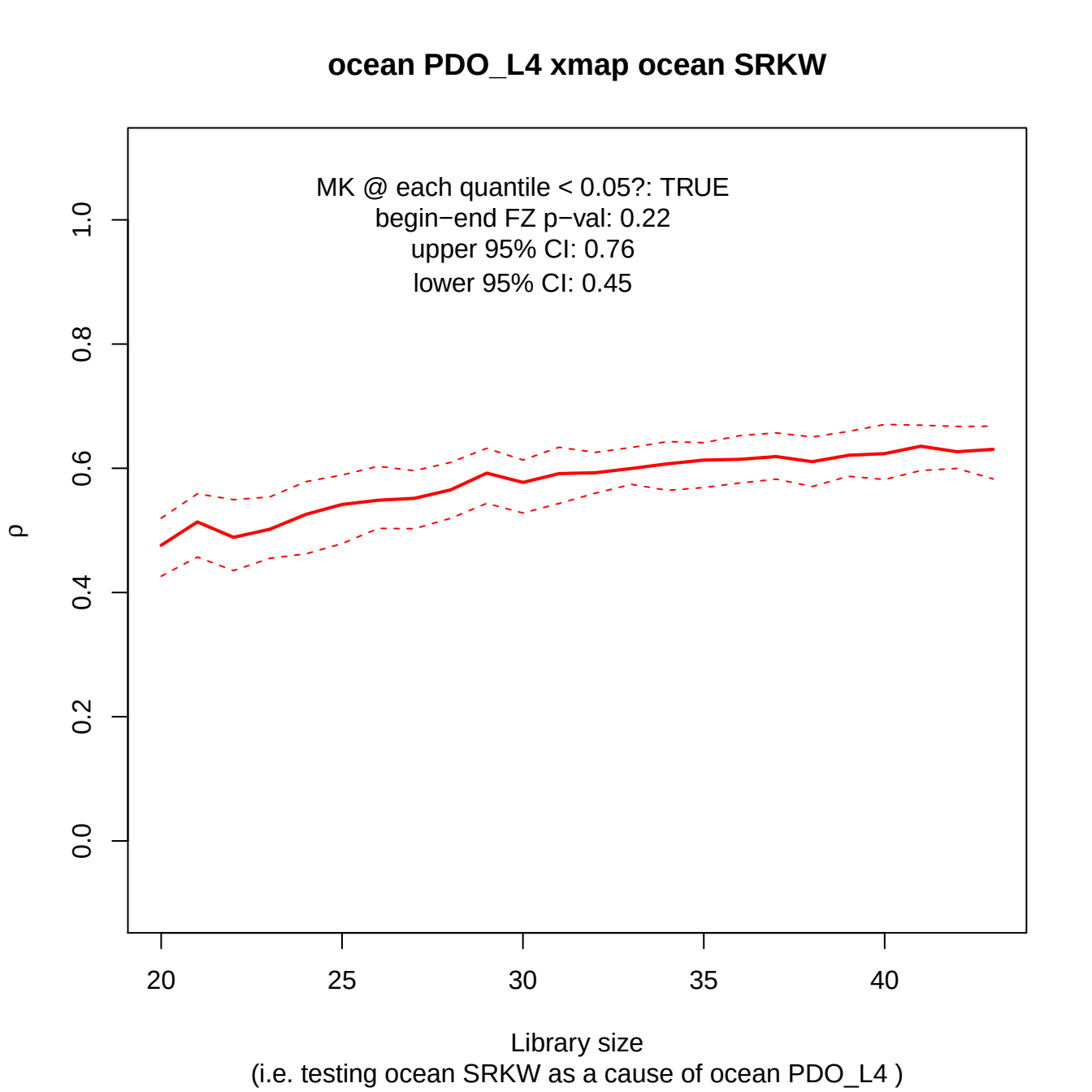

ocean CSL xmap ocean SRKW
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.17
upper 95% CI: 0.86
lower 95% CI: 0.64
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
Library size
(i.e. testing ocean SRKW as a cause of ocean CSL)

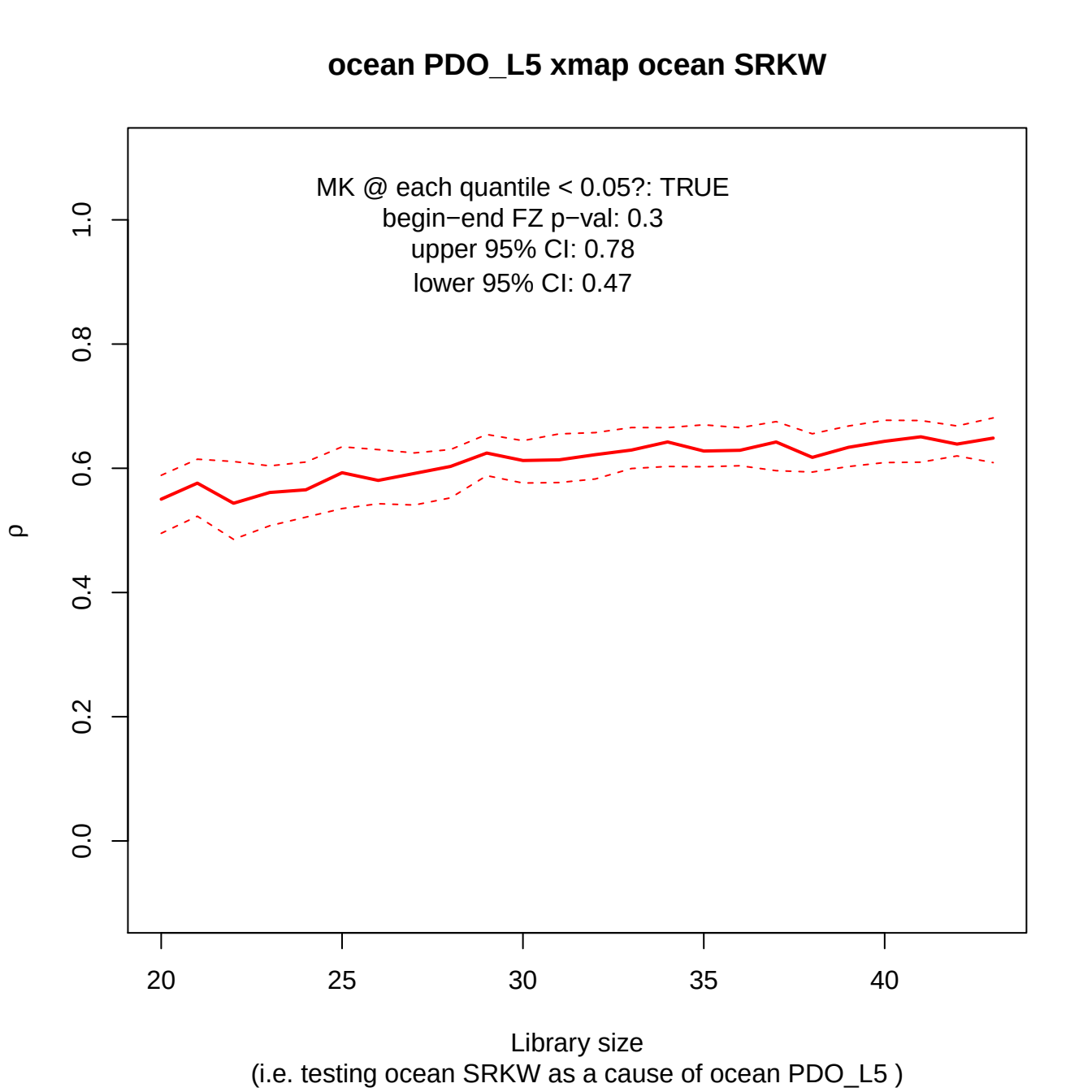

ocean PDO xmap ocean SRKW
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.47
upper 95% CI: 0.25
lower 95% CI: −0.26
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
Library size
(i.e. testing ocean SRKW as a cause of ocean PDO)

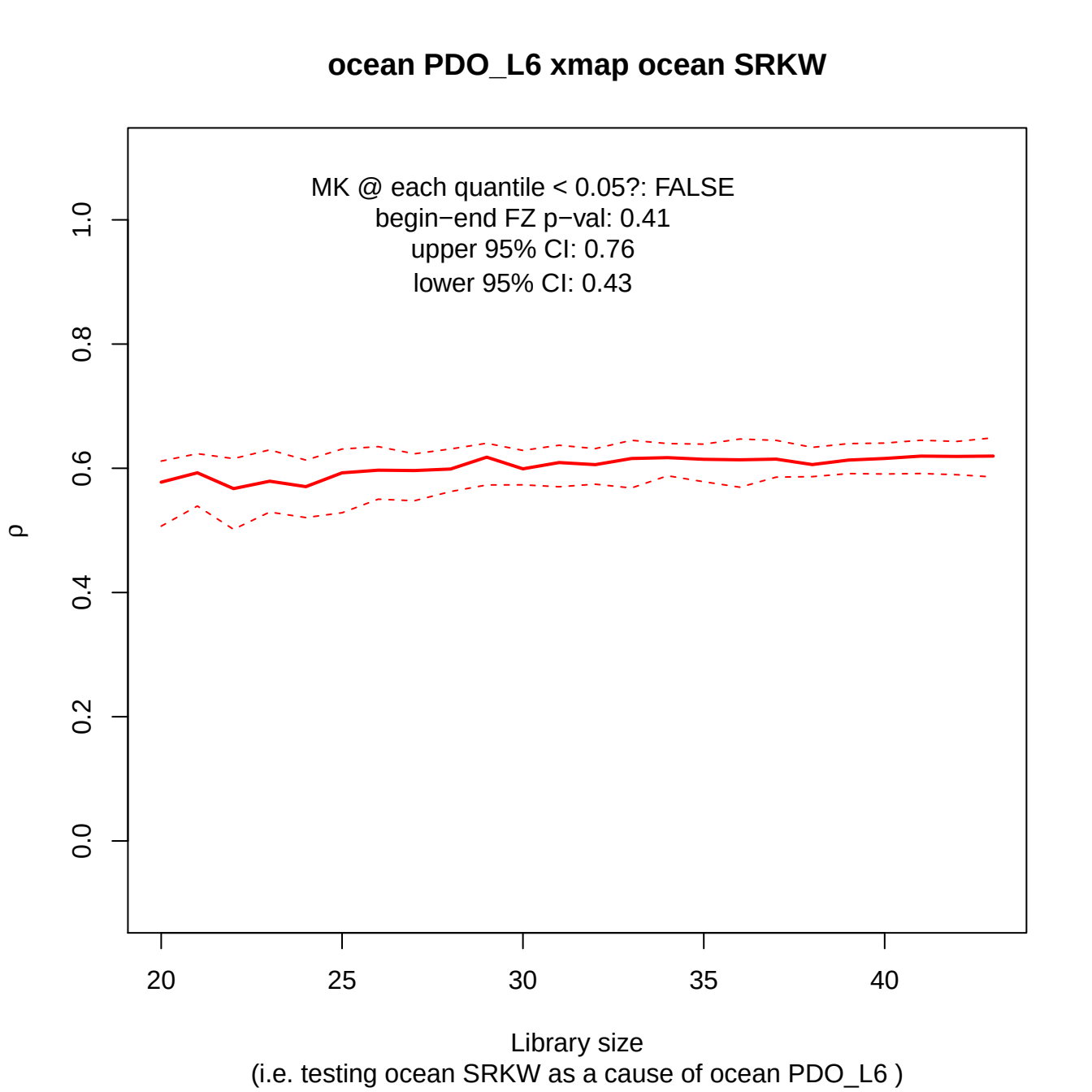

ocean PDO_L1 xmap ocean SRKW
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.48
upper 95% CI: 0.27
lower 95% CI: −0.24
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
Library size
(i.e. testing ocean SRKW as a cause of ocean PDO_L1)

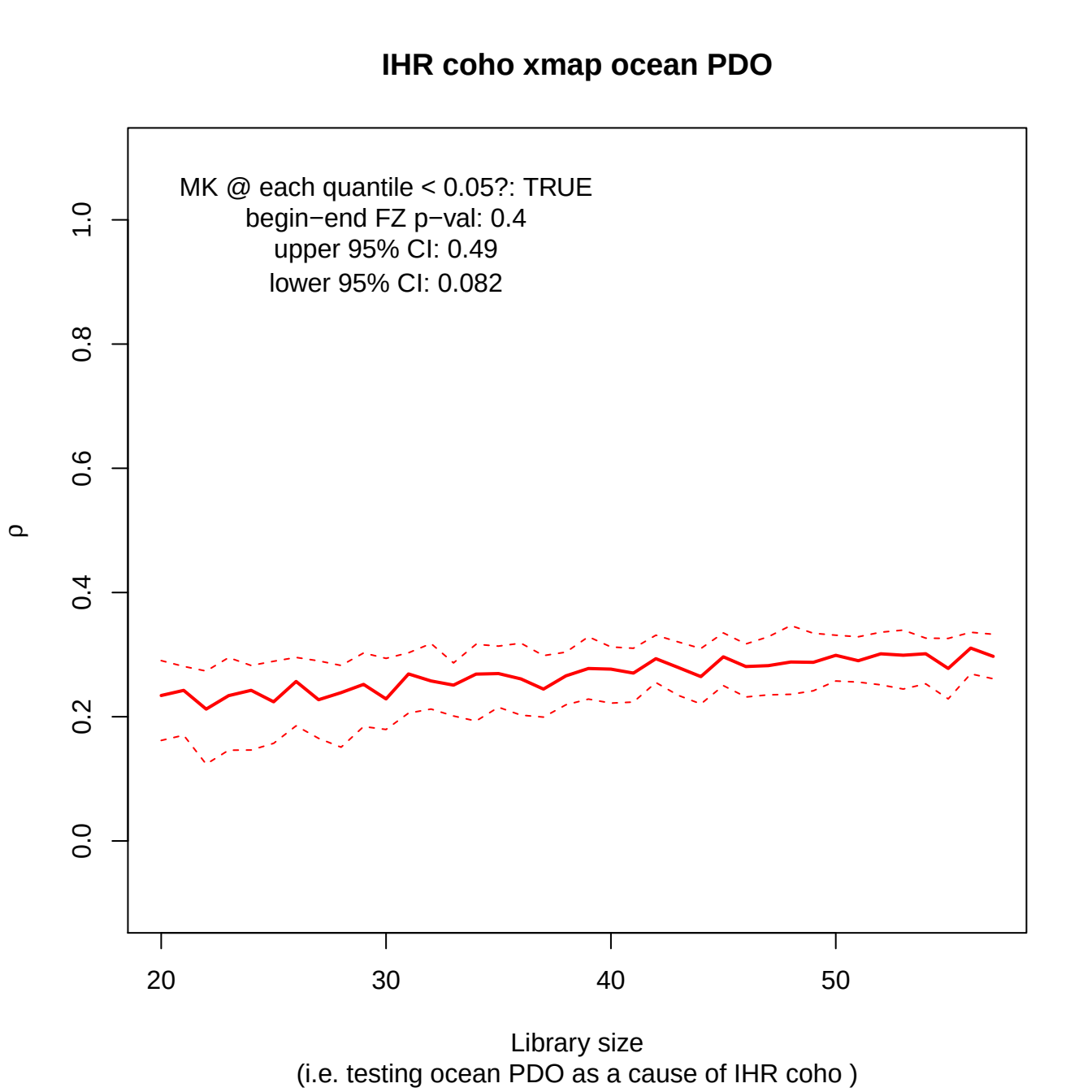

ocean PDO_L2 xmap ocean SRKW
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.26
upper 95% CI: 0.64
lower 95% CI: 0.23
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean SRKW as a cause of ocean PDO_L2)

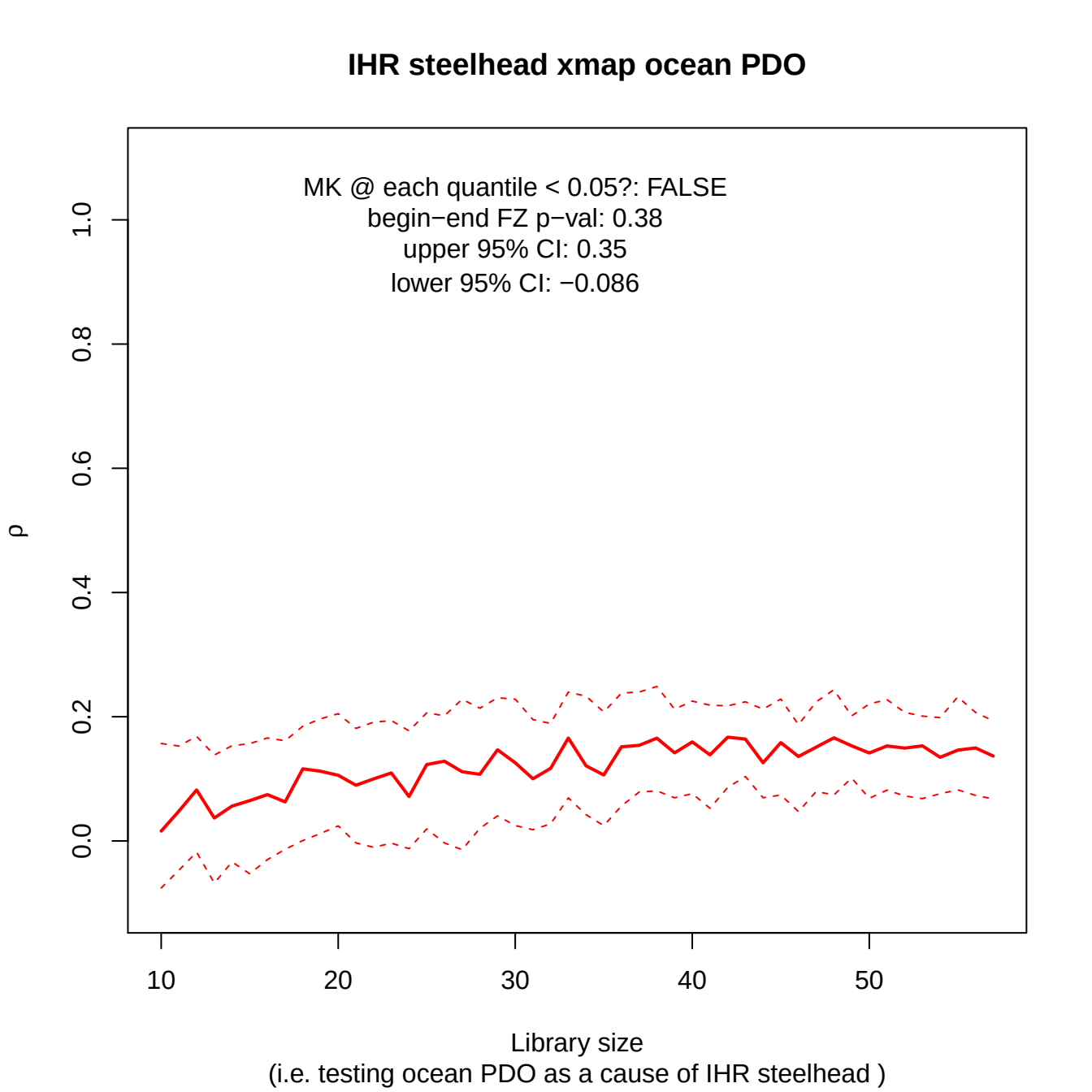

ocean PDO_L3 xmap ocean SRKW
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.18
upper 95% CI: 0.74
lower 95% CI: 0.4
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean SRKW as a cause of ocean PDO_L3)

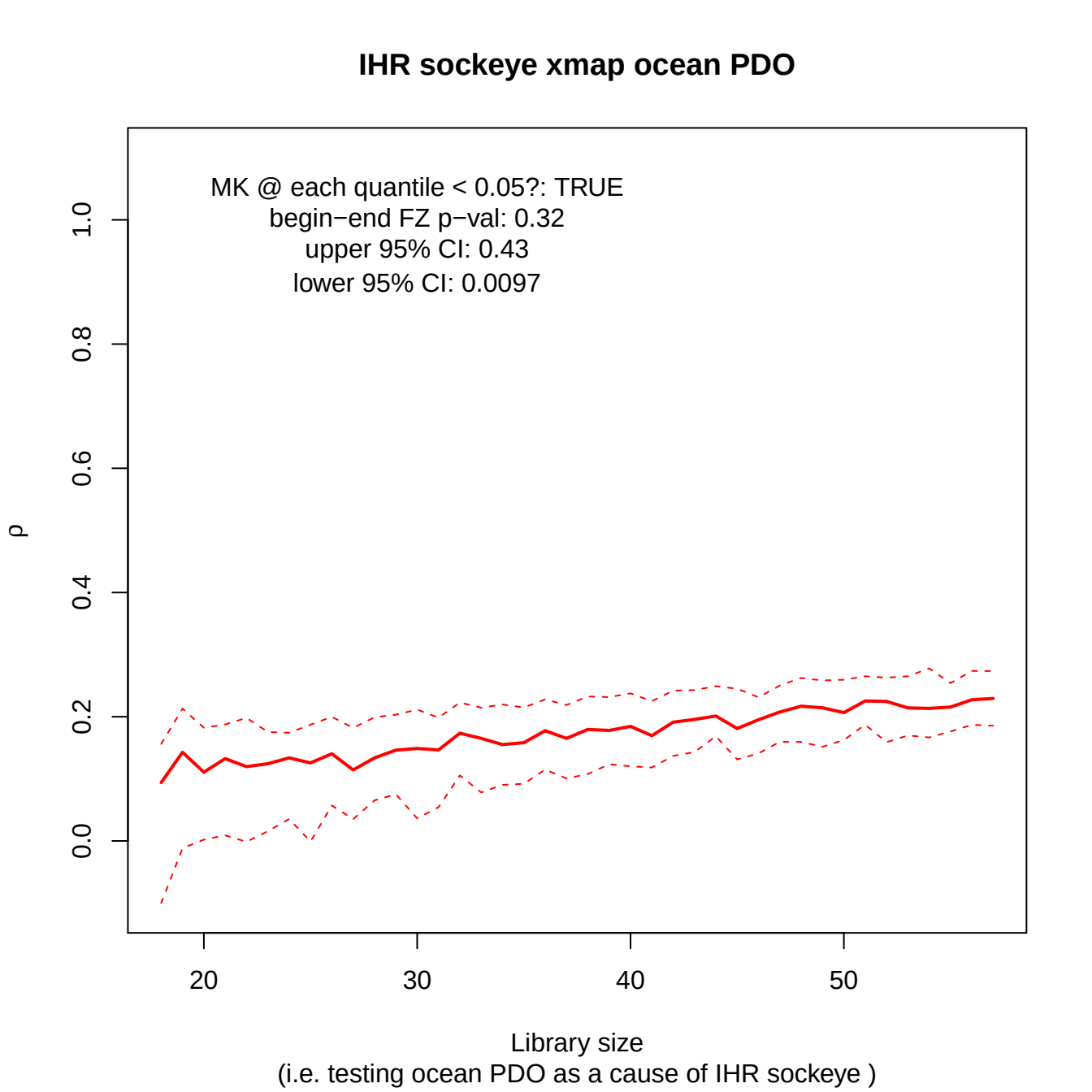

ocean PDO_L4 xmap ocean SRKW
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.22
upper 95% CI: 0.76
lower 95% CI: 0.45
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean SRKW as a cause of ocean PDO_L4)

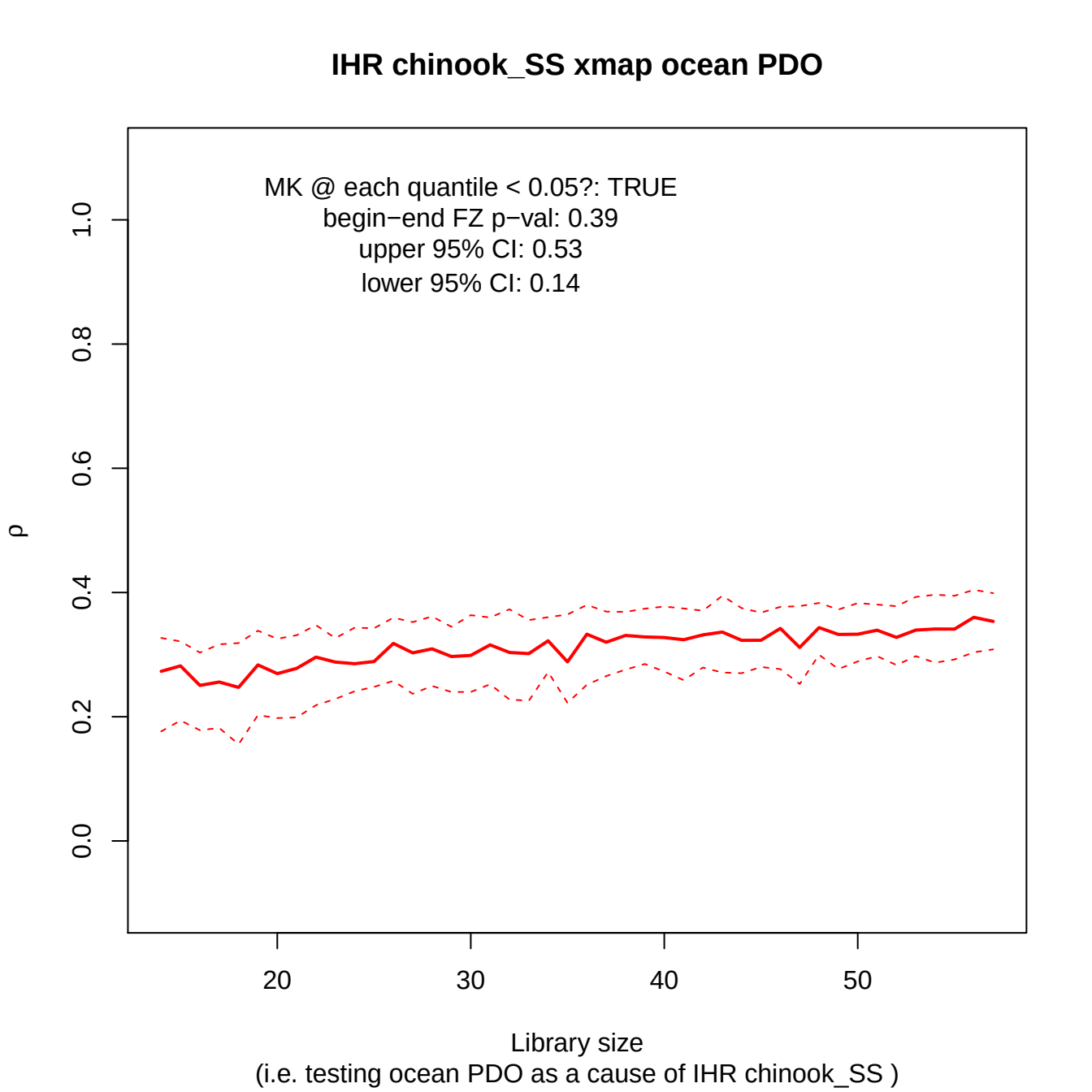

ocean PDO_L5 xmap ocean SRKW
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.3
upper 95% CI: 0.78
lower 95% CI: 0.47
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean SRKW as a cause of ocean PDO_L5)

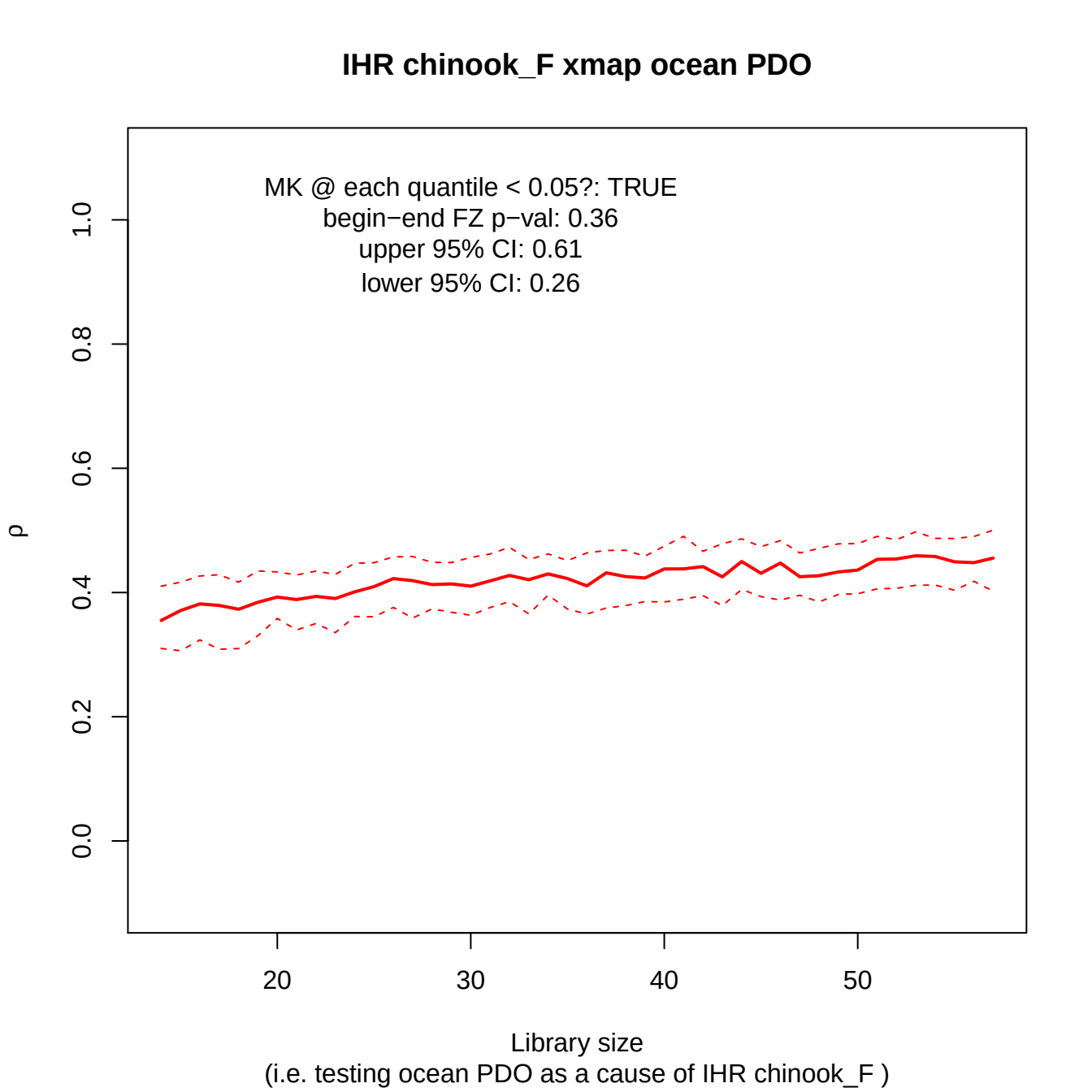

ocean PDO_L6 xmap ocean SRKW
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.41
upper 95% CI: 0.76
lower 95% CI: 0.43
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean SRKW as a cause of ocean PDO_L6)

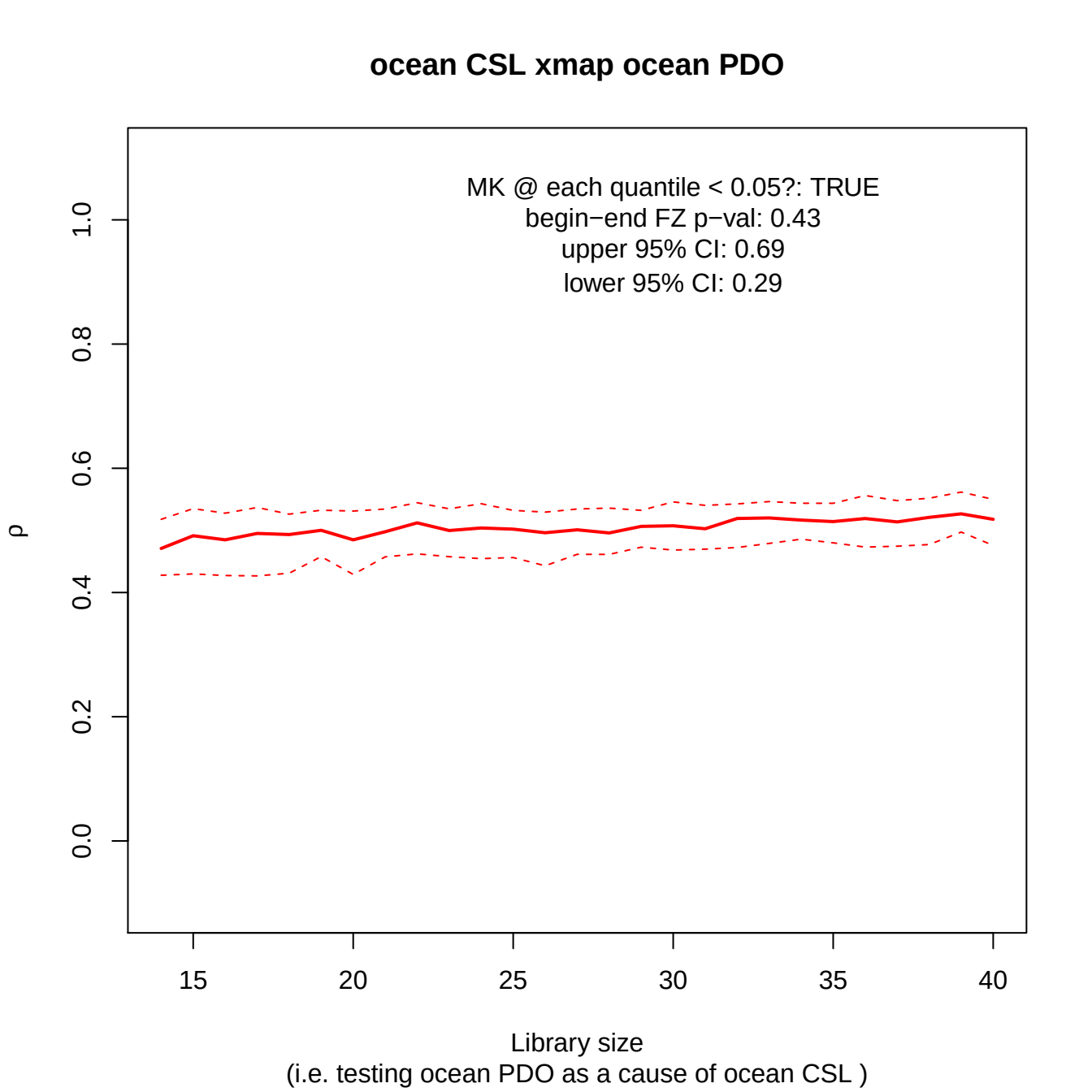

IHR coho xmap ocean PDO
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.4
upper 95% CI: 0.49
lower 95% CI: 0.082
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO as a cause of IHR coho)

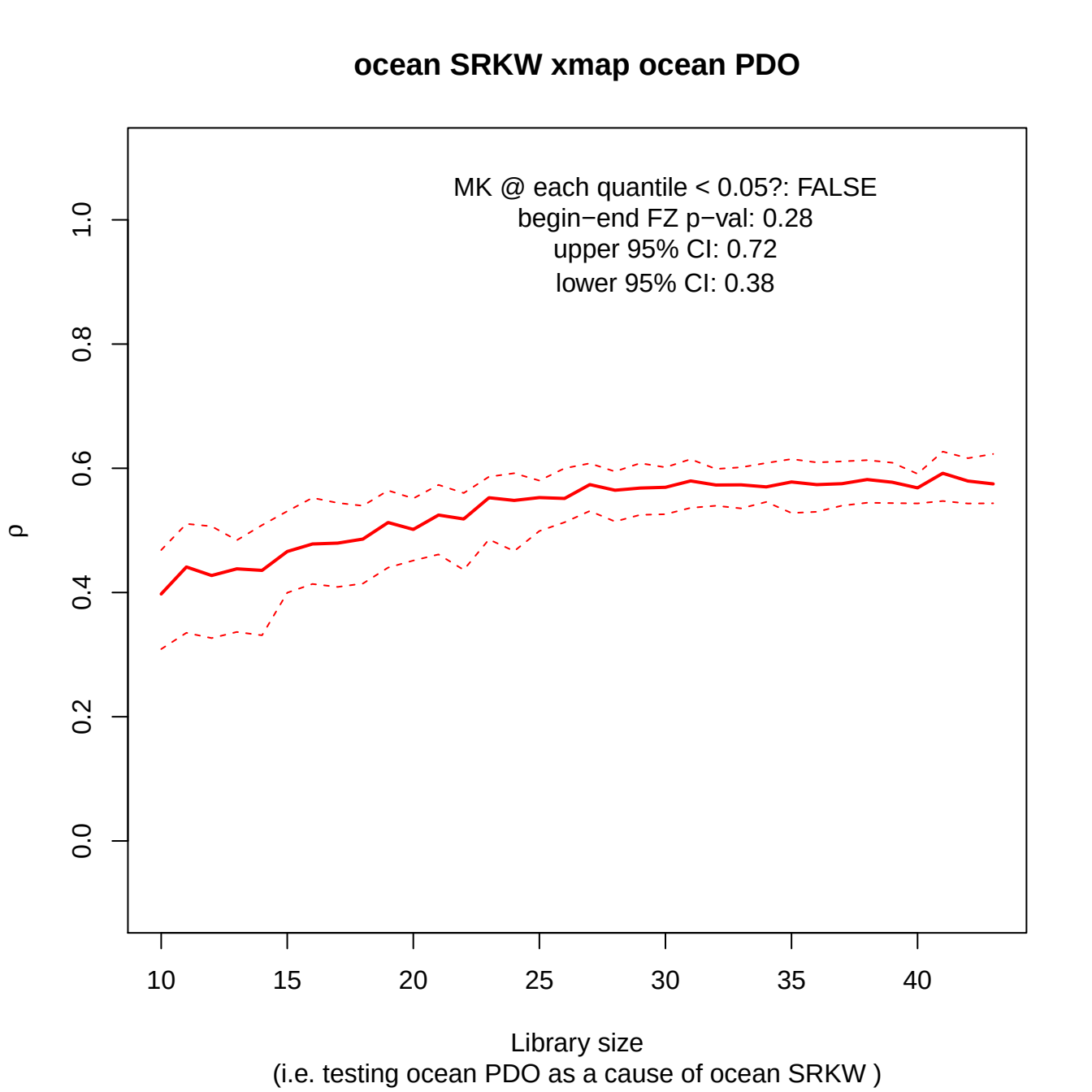

IHR steelhead xmap ocean PDO
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.38
upper 95% CI: 0.35
lower 95% CI: −0.086
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing ocean PDO as a cause of IHR steelhead)

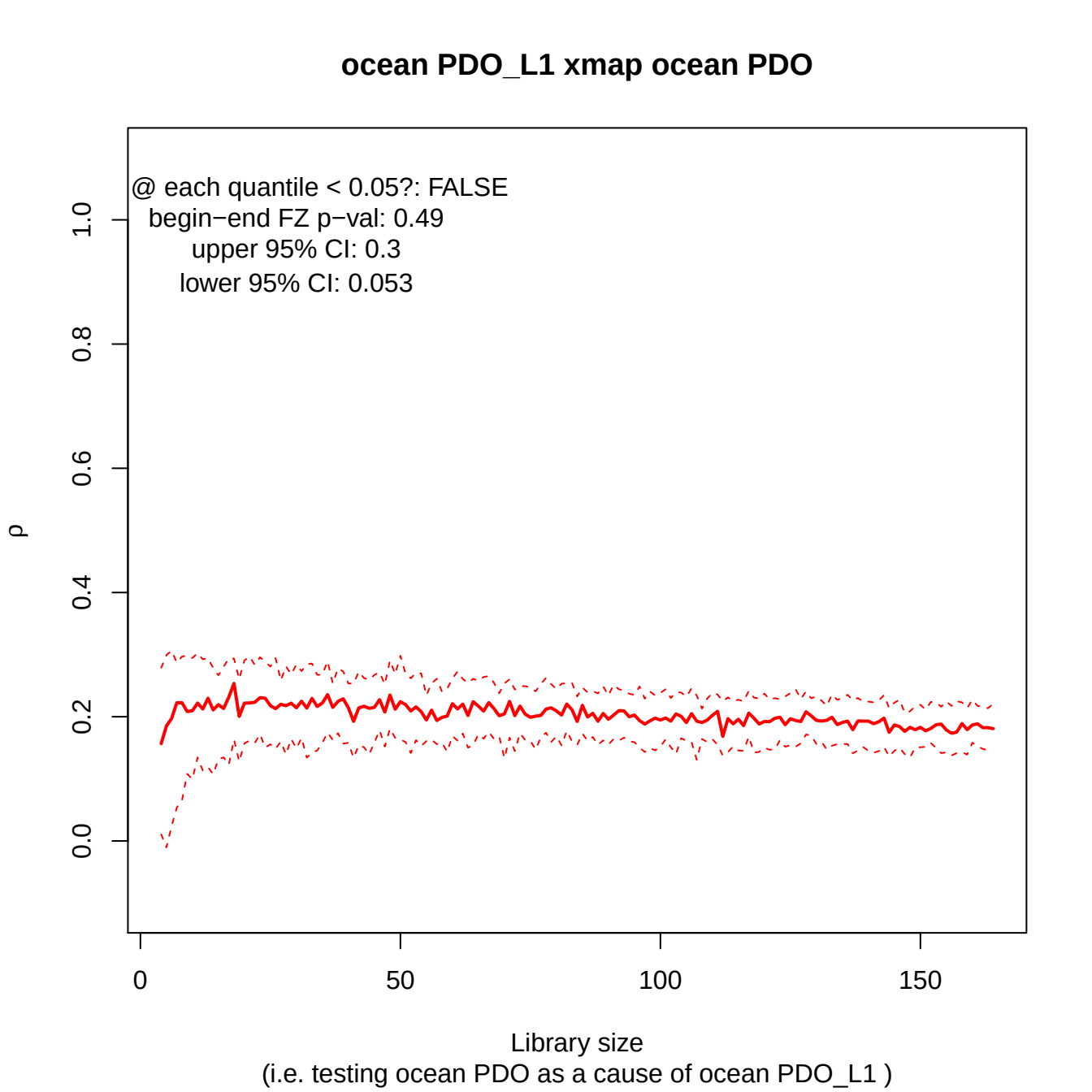

IHR sockeye xmap ocean PDO
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.32
upper 95% CI: 0.43
lower 95% CI: 0.0097
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO as a cause of IHR sockeye)

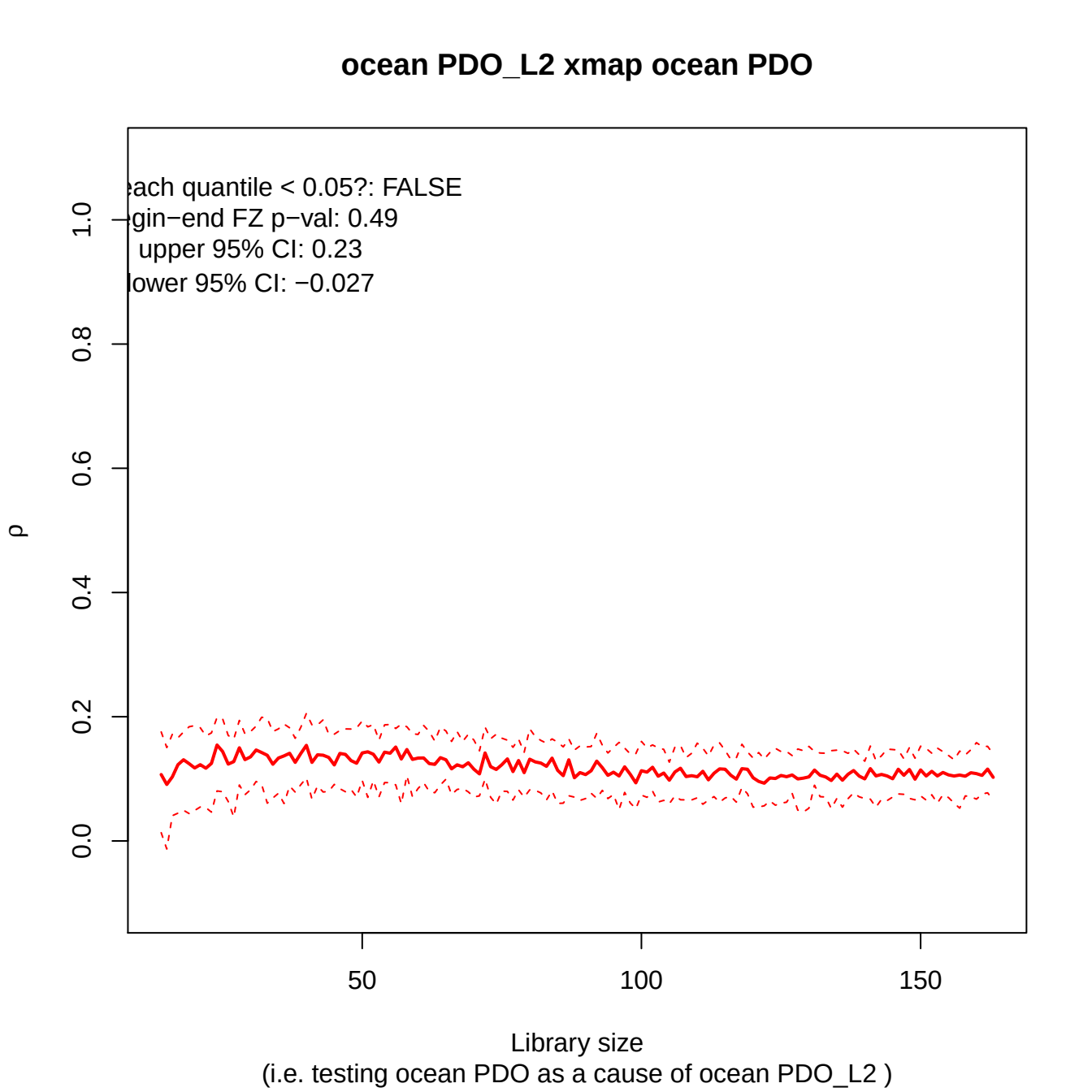

IHR chinook_SS xmap ocean PDO
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.39
upper 95% CI: 0.53
lower 95% CI: 0.14
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO as a cause of IHR chinook_SS)

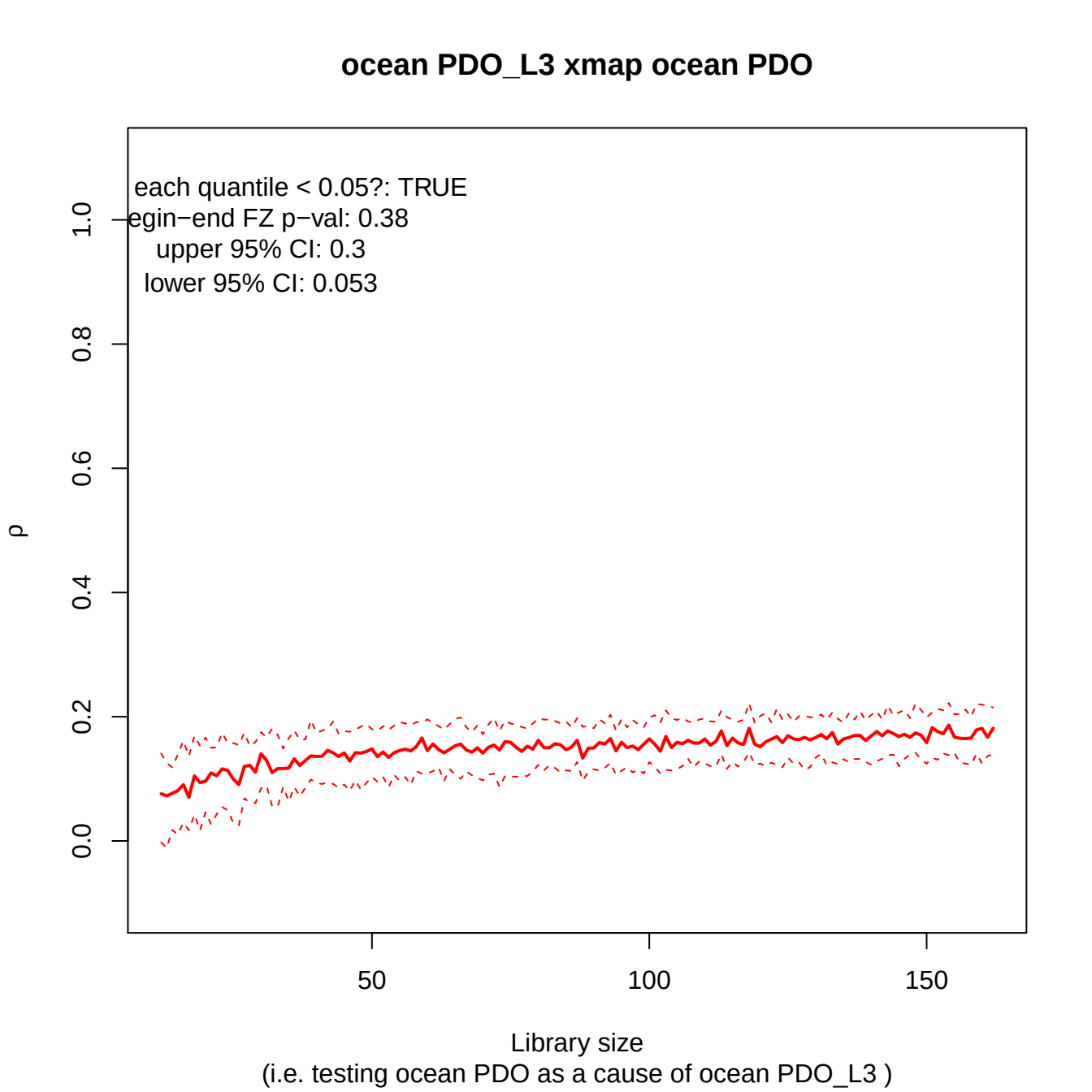

IHR chinook_F xmap ocean PDO
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.36
upper 95% CI: 0.61
lower 95% CI: 0.26
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO as a cause of IHR chinook_F)

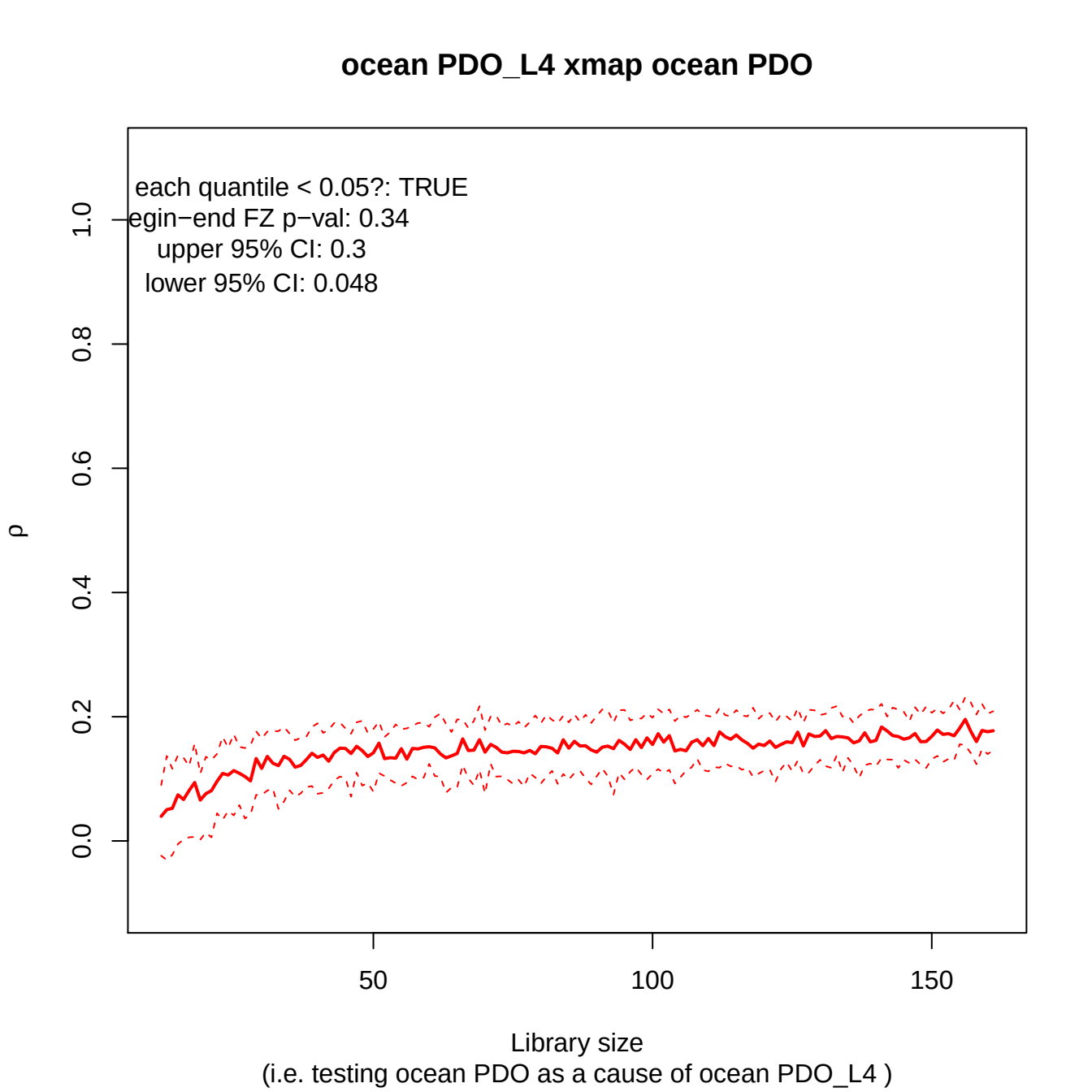

ocean CSL xmap ocean PDO
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.43
upper 95% CI: 0.69
lower 95% CI: 0.29
ρ
0.0
0.2
0.4
0.6
0.8
1.0
15
20
25
30
35
40
Library size
(i.e. testing ocean PDO as a cause of ocean CSL)

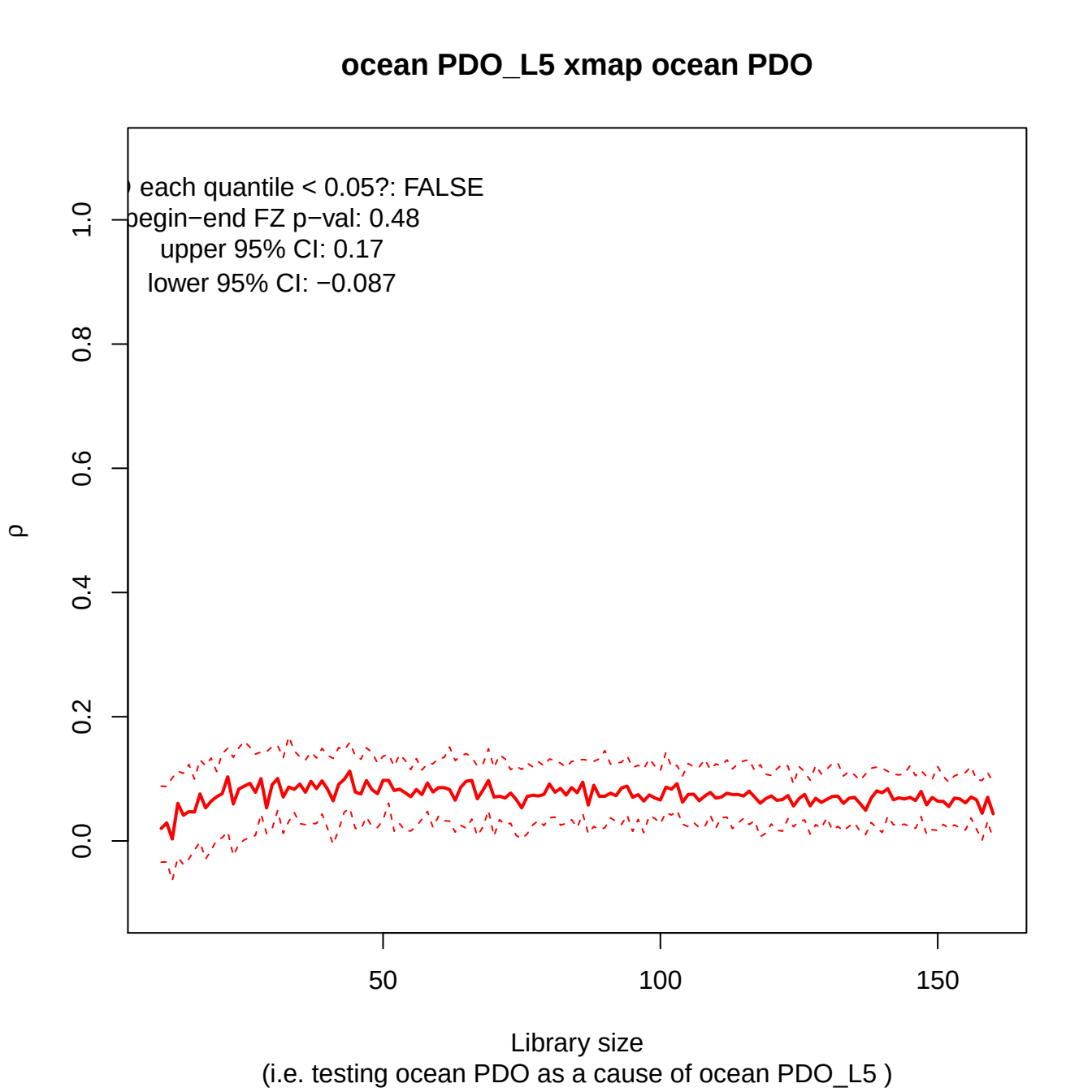

ocean SRKW xmap ocean PDO
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.28
upper 95% CI: 0.72
lower 95% CI: 0.38
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
15
20
25
30
35
40
Library size
(i.e. testing ocean PDO as a cause of ocean SRKW)

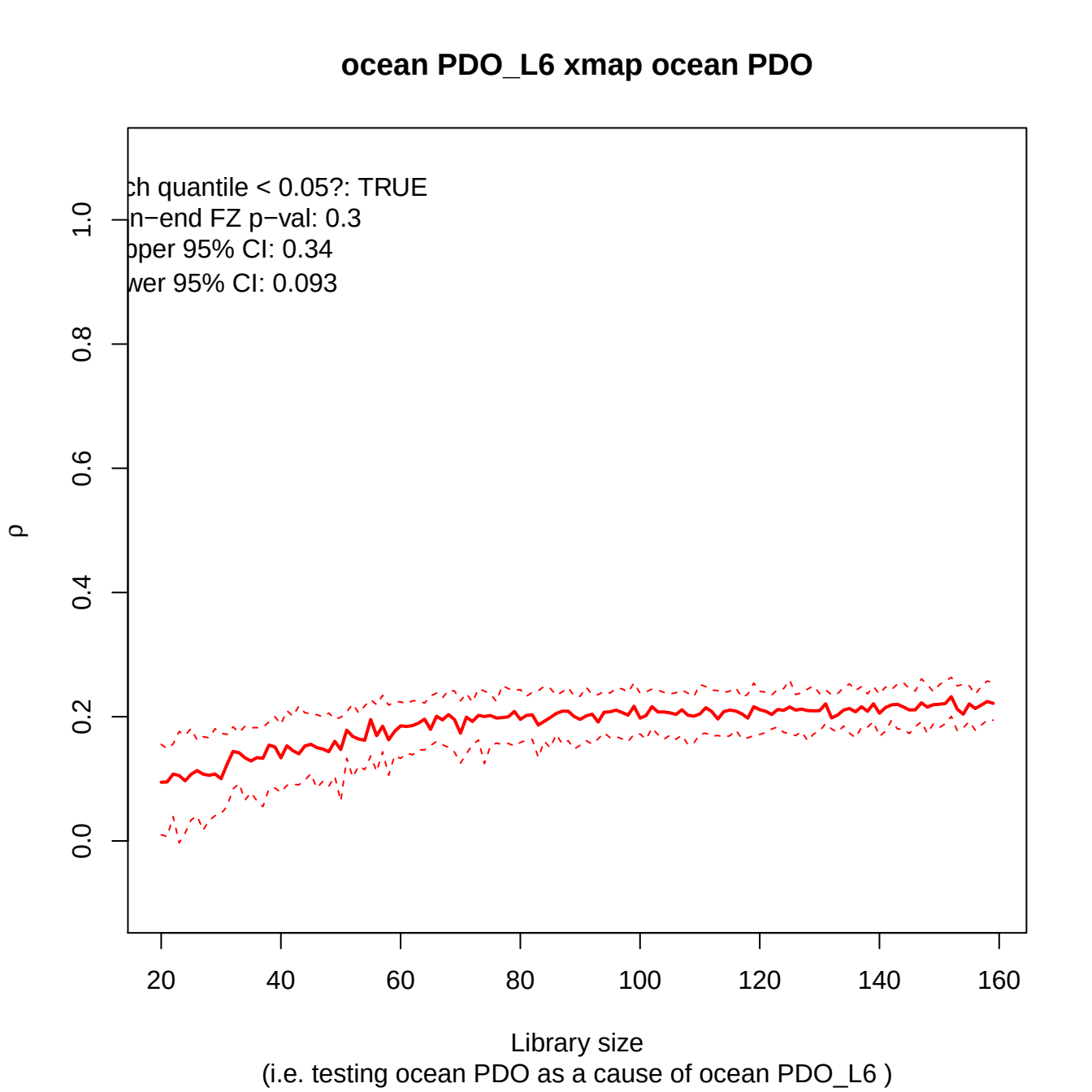

ocean PDO_L1 xmap ocean PDO
@ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.49
upper 95% CI: 0.3
lower 95% CI: 0.053
ρ
0.0
0.2
0.4
0.6
0.8
1.0
0
50
100
150
Library size
(i.e. testing ocean PDO as a cause of ocean PDO_L1)

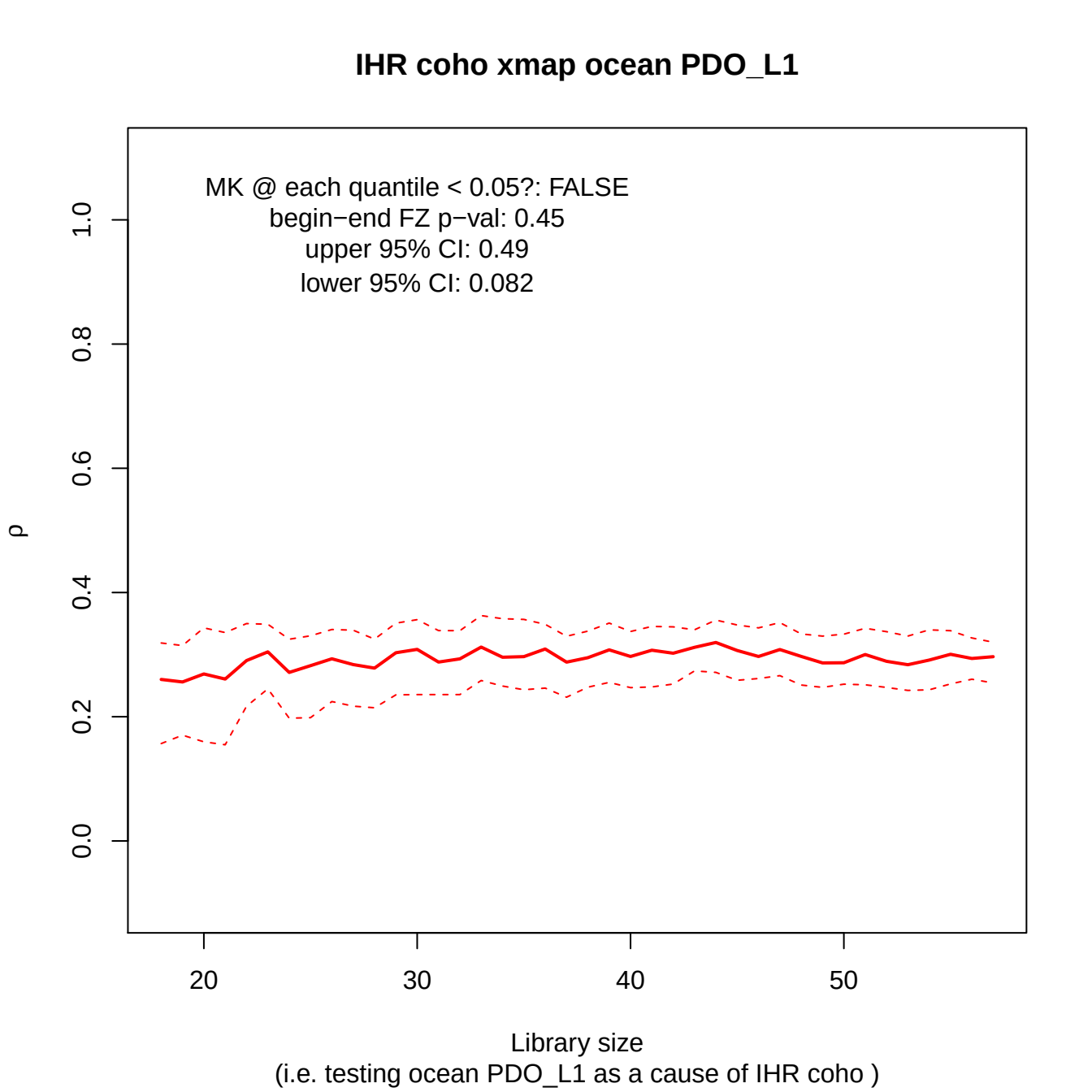

ocean PDO_L2 xmap ocean PDO
each quantile < 0.05?: FALSE
gin−end FZ p−val: 0.49
upper 95% CI: 0.23
lower 95% CI: −0.027
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO as a cause of ocean PDO_L2)

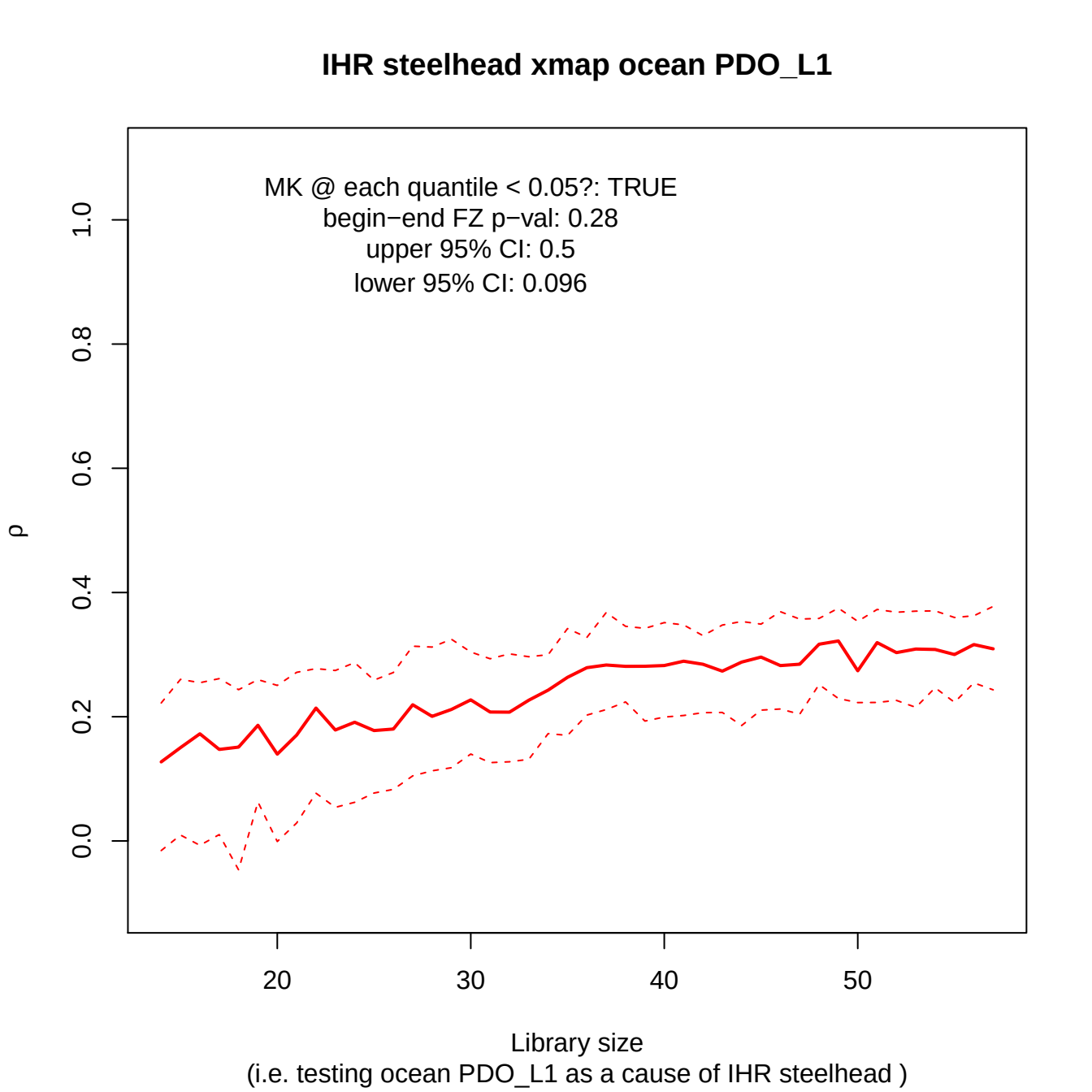

ocean PDO_L3 xmap ocean PDO
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.38
upper 95% CI: 0.3
lower 95% CI: 0.053
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO as a cause of ocean PDO_L3)

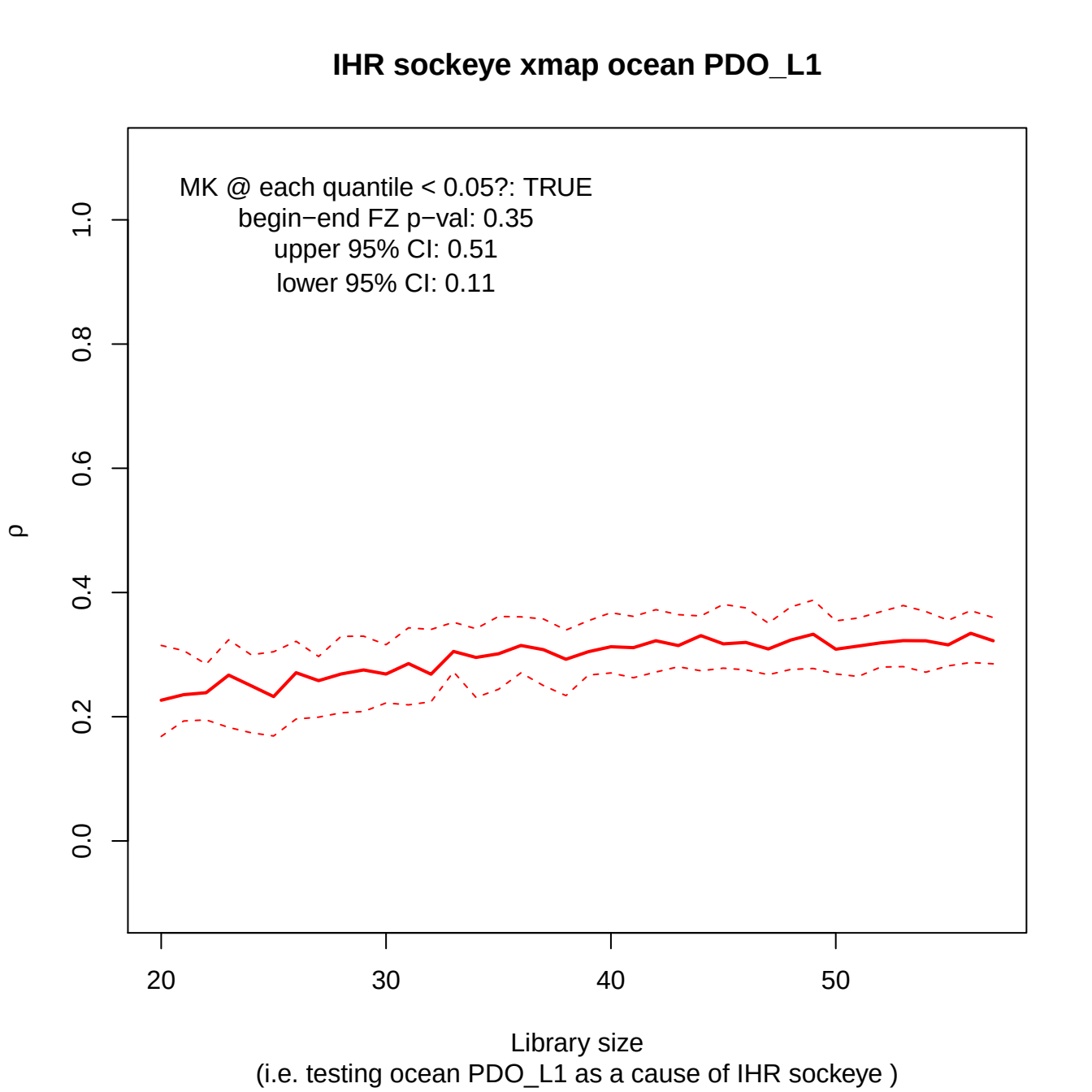

ocean PDO_L4 xmap ocean PDO
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.34
upper 95% CI: 0.3
lower 95% CI: 0.048
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO as a cause of ocean PDO_L4)

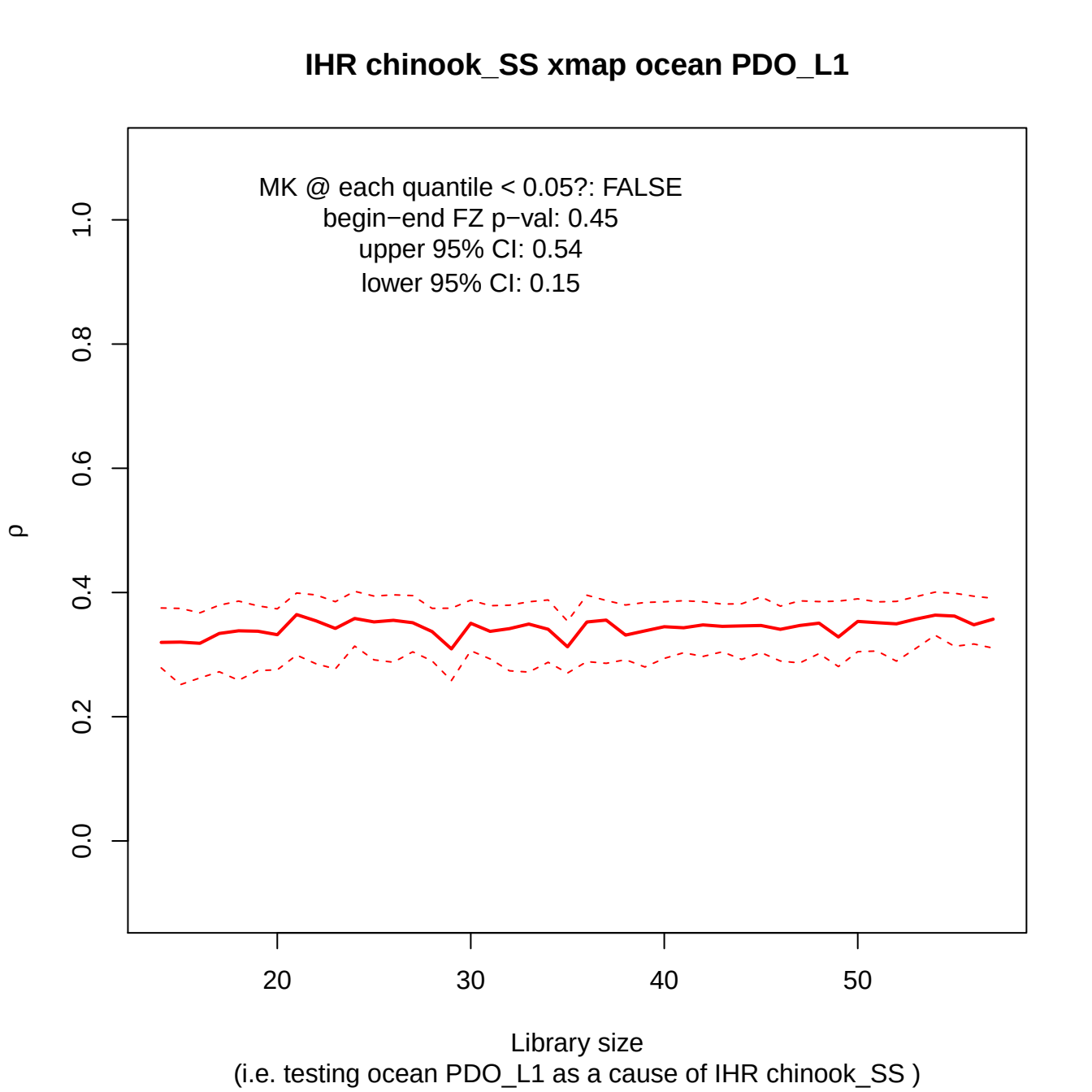

ocean PDO_L5 xmap ocean PDO
each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.48
upper 95% CI: 0.17
lower 95% CI: −0.087
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO as a cause of ocean PDO_L5)

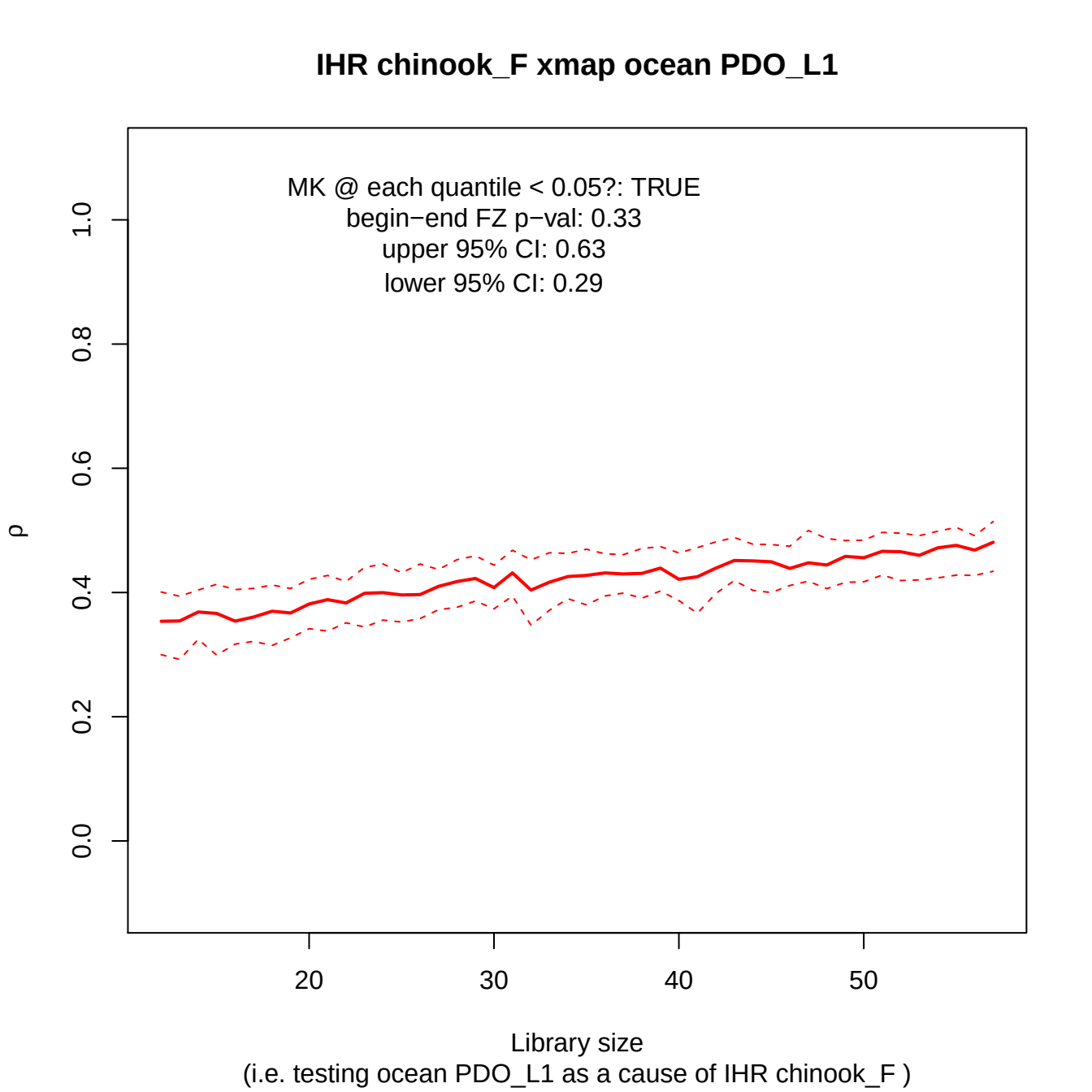

ocean PDO_L6 xmap ocean PDO
ch quantile < 0.05?: TRUE
n−end FZ p−val: 0.3
pper 95% CI: 0.34
wer 95% CI: 0.093
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
40
60
80
100
120
140
160
Library size
(i.e. testing ocean PDO as a cause of ocean PDO_L6)

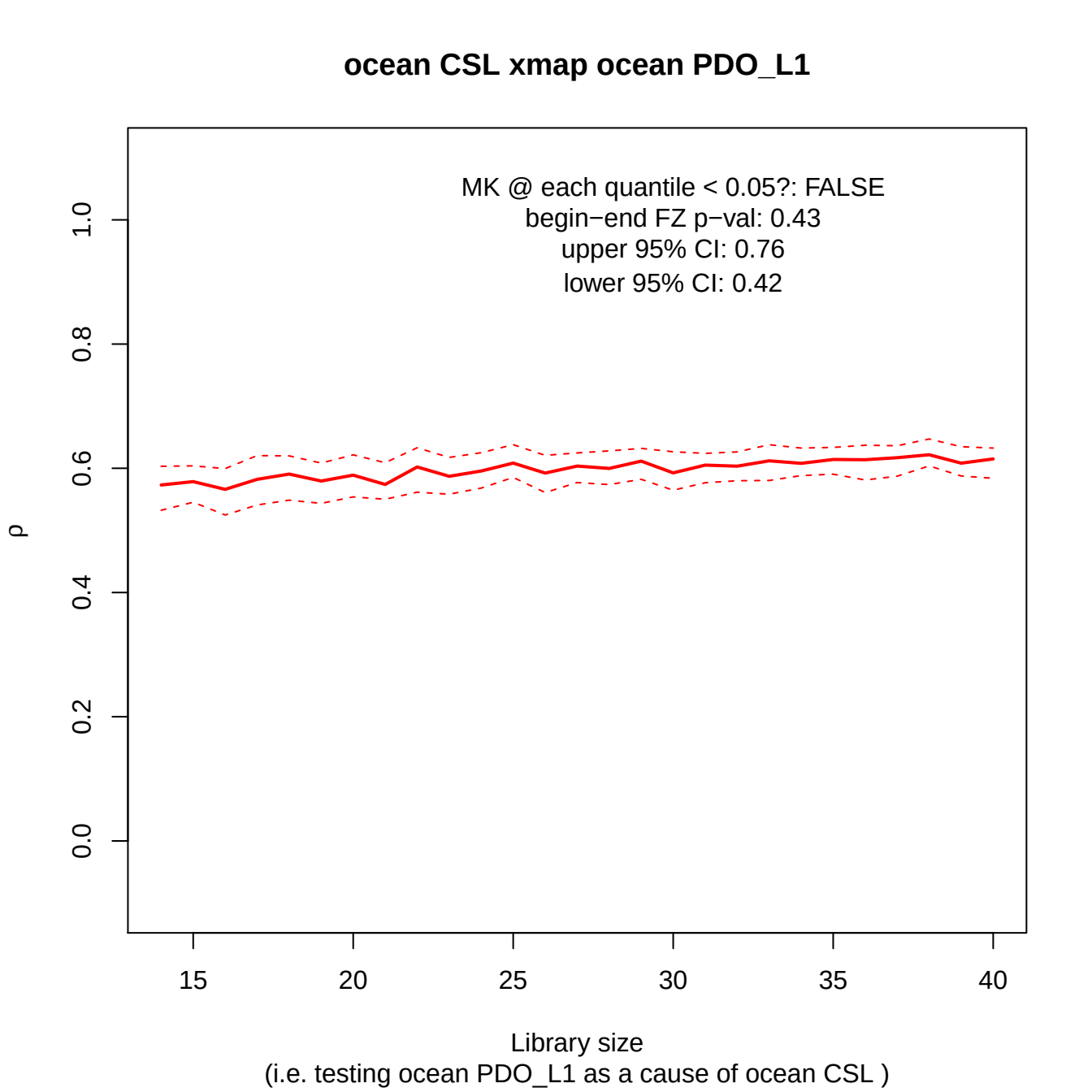

IHR coho xmap ocean PDO_L1
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.45
upper 95% CI: 0.49
lower 95% CI: 0.082
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L1 as a cause of IHR coho)

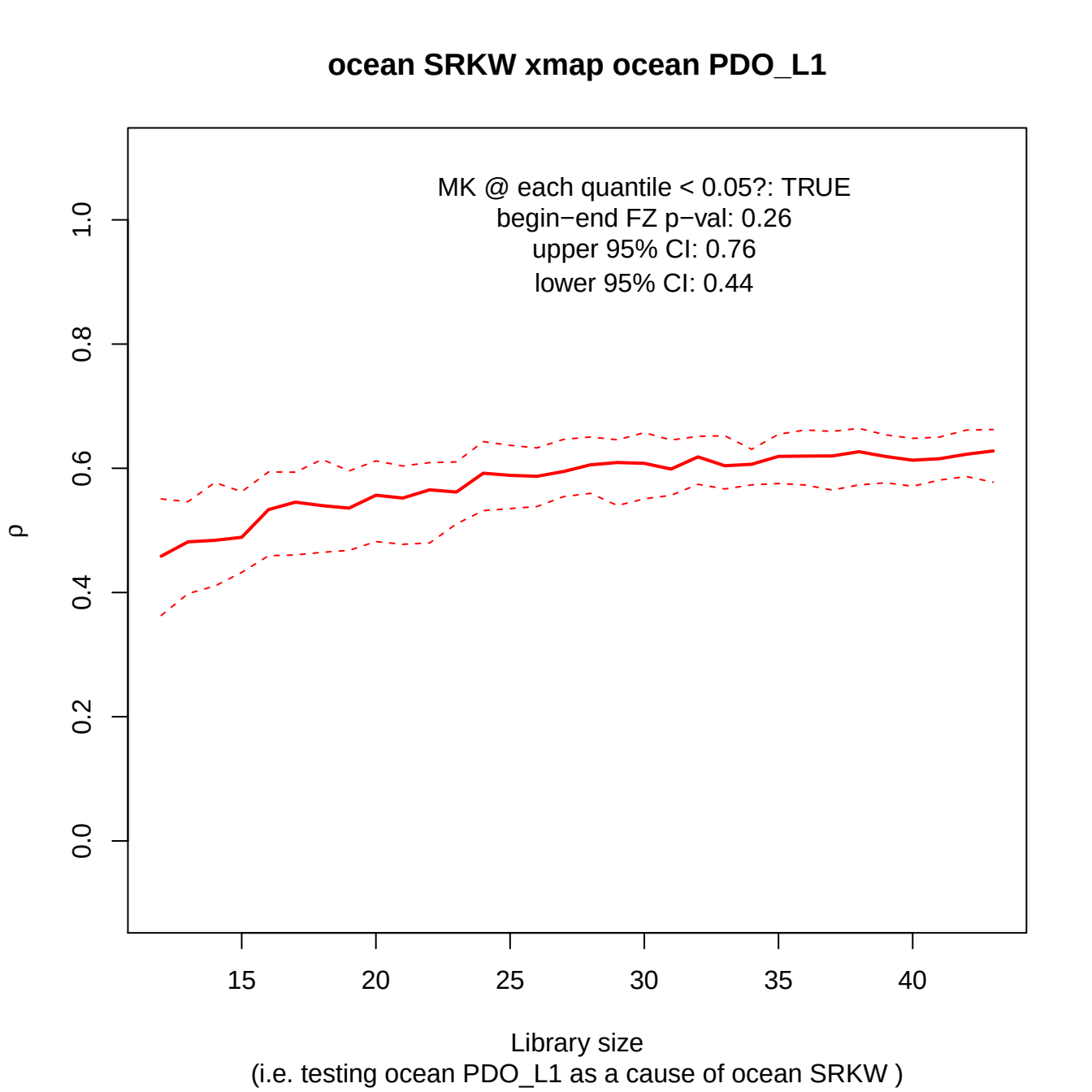

IHR steelhead xmap ocean PDO_L1
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.28
upper 95% CI: 0.5
lower 95% CI: 0.096
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L1 as a cause of IHR steelhead)

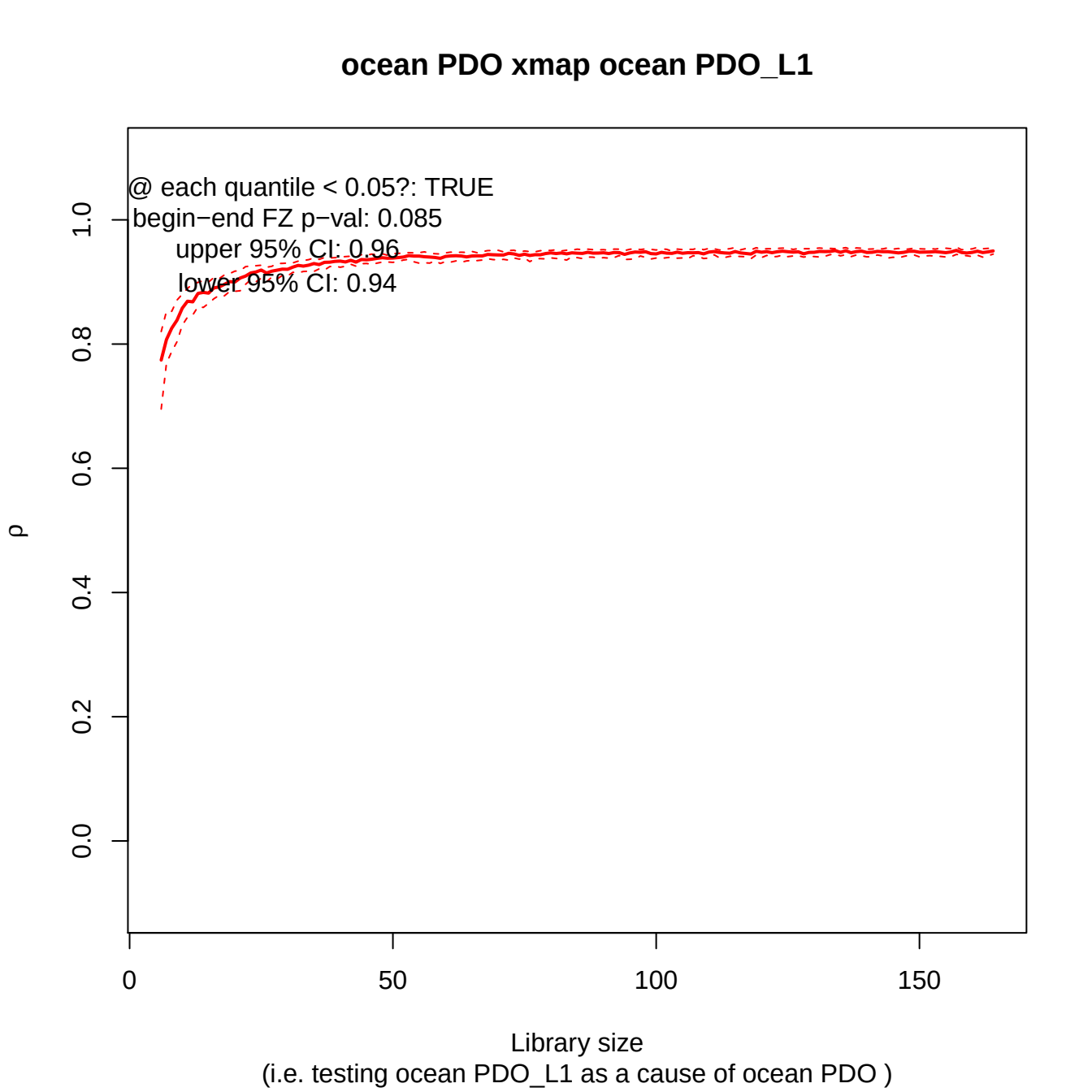

IHR sockeye xmap ocean PDO_L1
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.35
upper 95% CI: 0.51
lower 95% CI: 0.11
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L1 as a cause of IHR sockeye)

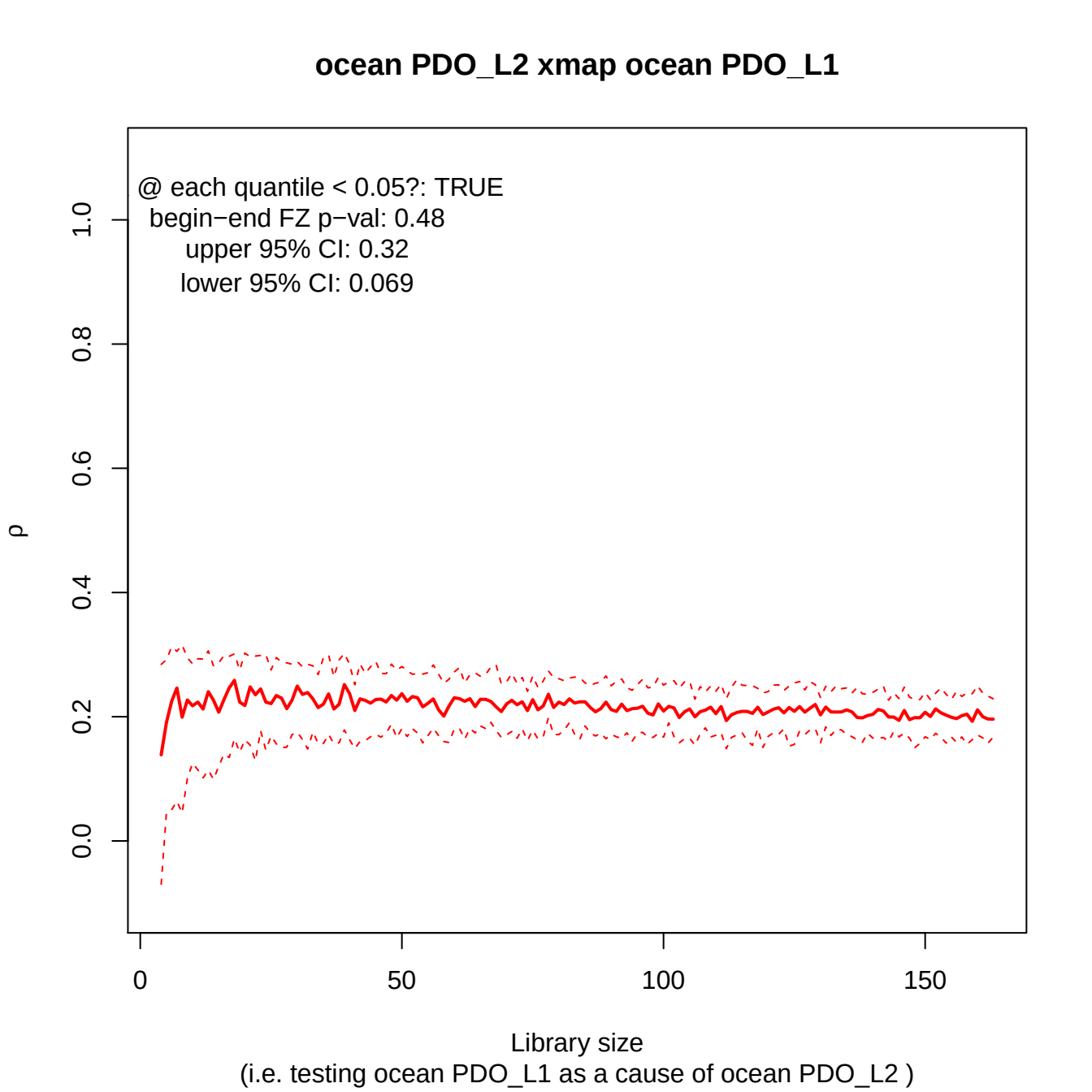

IHR chinook_SS xmap ocean PDO_L1
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.45
upper 95% CI: 0.54
lower 95% CI: 0.15
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L1 as a cause of IHR chinook_SS)

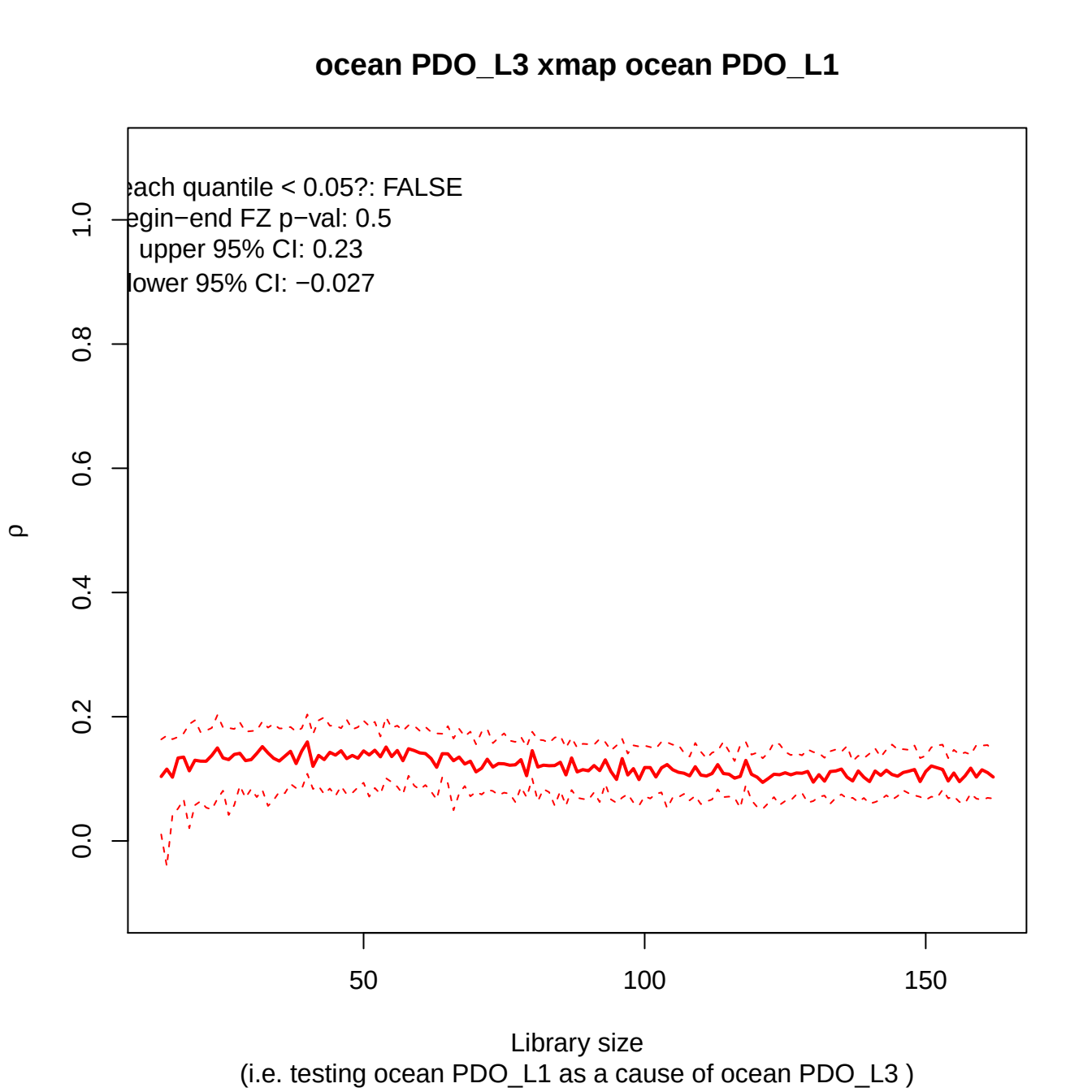

IHR chinook_F xmap ocean PDO_L1
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.33
upper 95% CI: 0.63
lower 95% CI: 0.29
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L1 as a cause of IHR chinook_F)

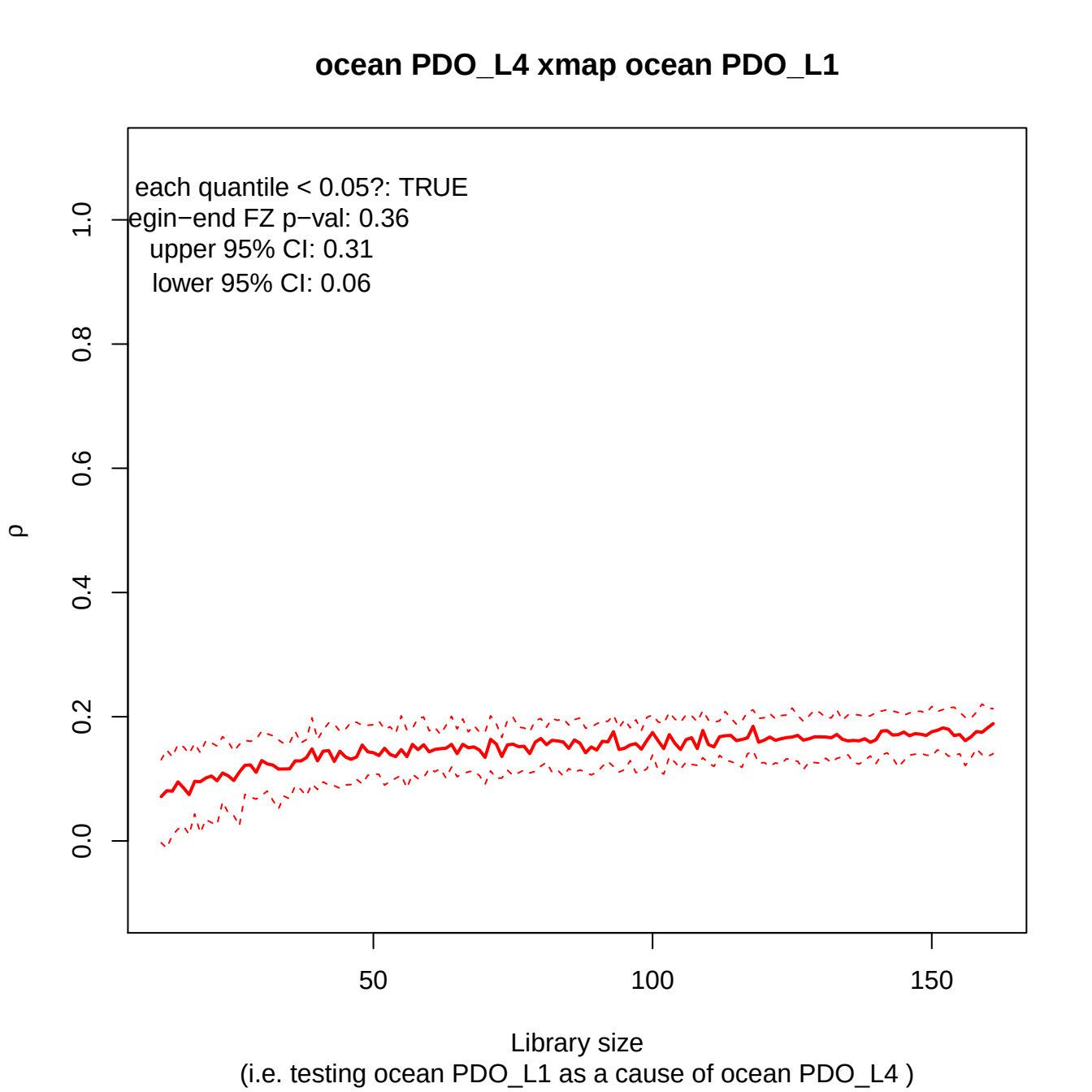

ocean CSL xmap ocean PDO_L1
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.43
upper 95% CI: 0.76
lower 95% CI: 0.42
ρ
0.0
0.2
0.4
0.6
0.8
1.0
15
20
25
30
35
40
Library size
(i.e. testing ocean PDO_L1 as a cause of ocean CSL)

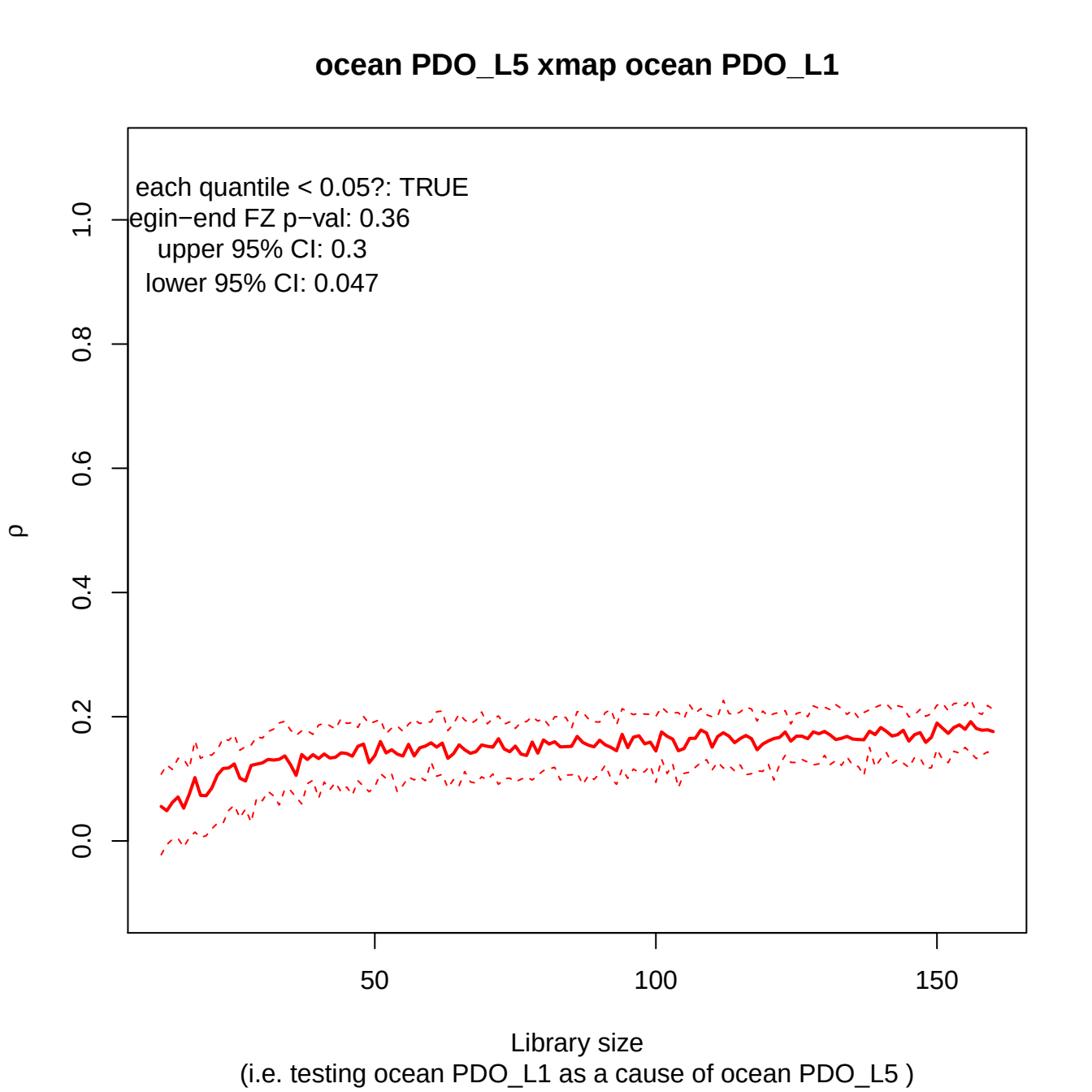

ocean SRKW xmap ocean PDO_L1
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.26
upper 95% CI: 0.76
lower 95% CI: 0.44
ρ
0.0
0.2
0.4
0.6
0.8
1.0
15
20
25
30
35
40
Library size
(i.e. testing ocean PDO_L1 as a cause of ocean SRKW)

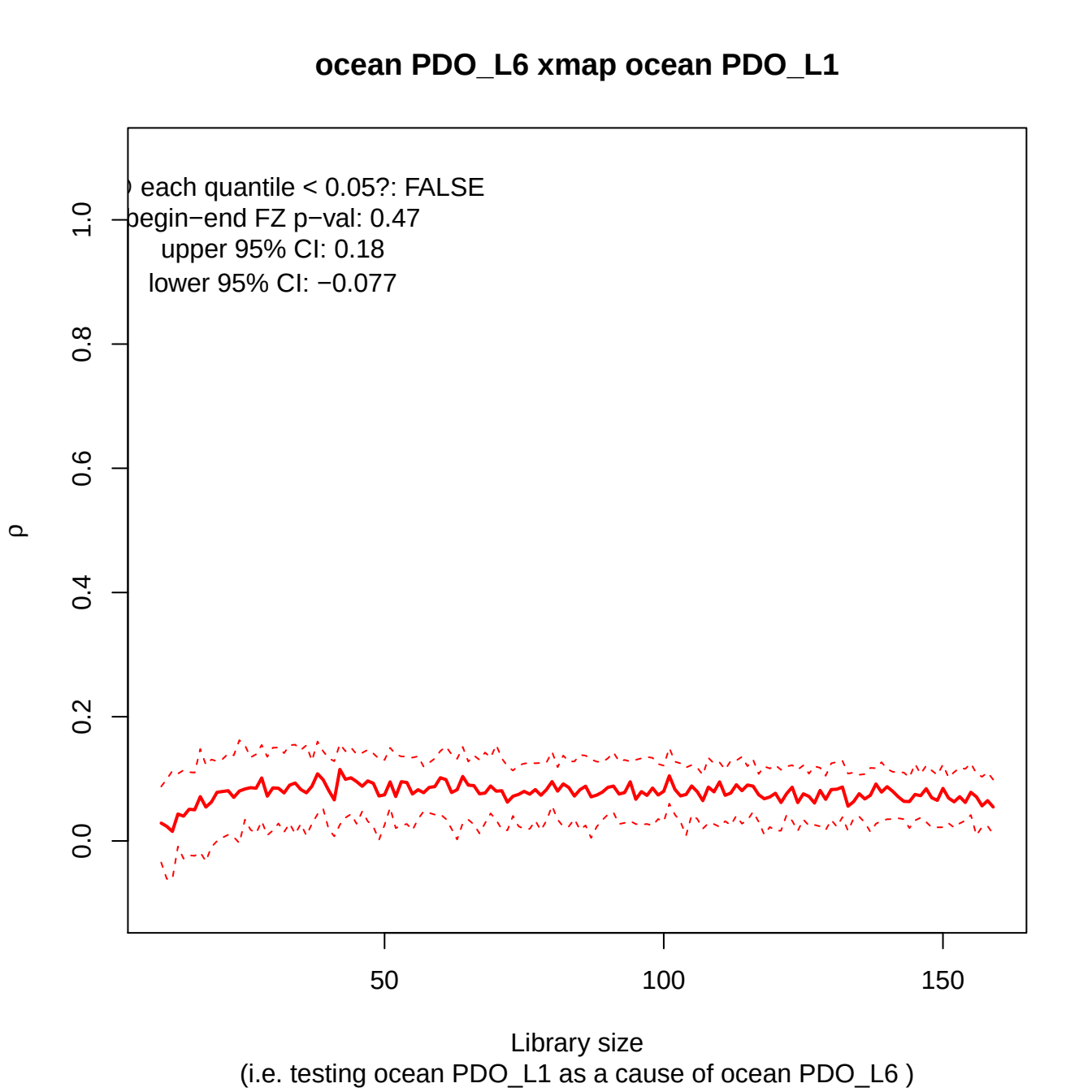

ocean PDO xmap ocean PDO_L1
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.085
upper 95% CI: 0.96
lower 95% CI: 0.94
ρ
0.0
0.2
0.4
0.6
0.8
1.0
0
50
100
150
Library size
(i.e. testing ocean PDO_L1 as a cause of ocean PDO)

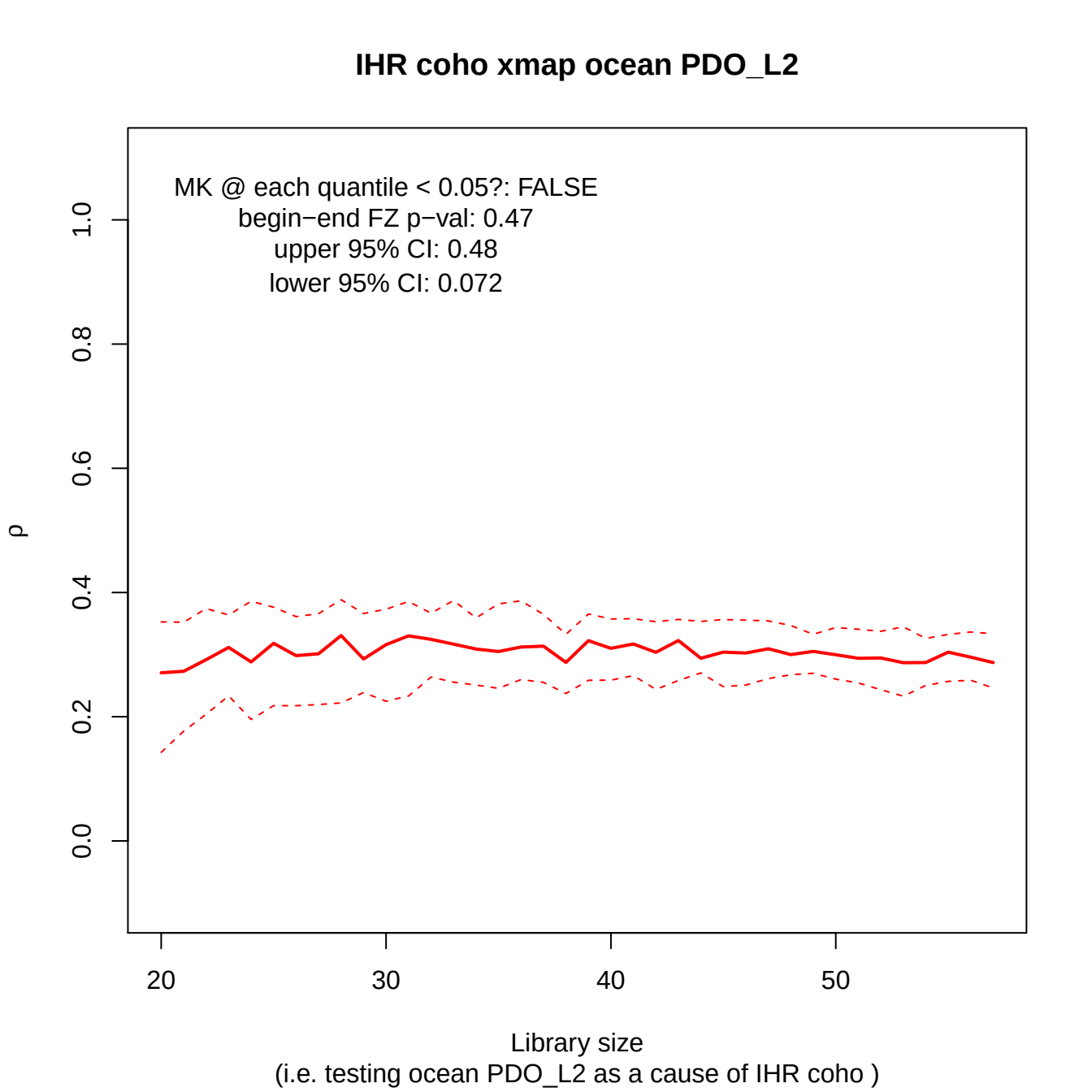

ocean PDO_L2 xmap ocean PDO_L1
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.48
upper 95% CI: 0.32
lower 95% CI: 0.069
ρ
1.0
0.8
0.6
0.4
0.2
0.0
0
50
100
150
Library size
(i.e. testing ocean PDO_L1 as a cause of ocean PDO_L2)

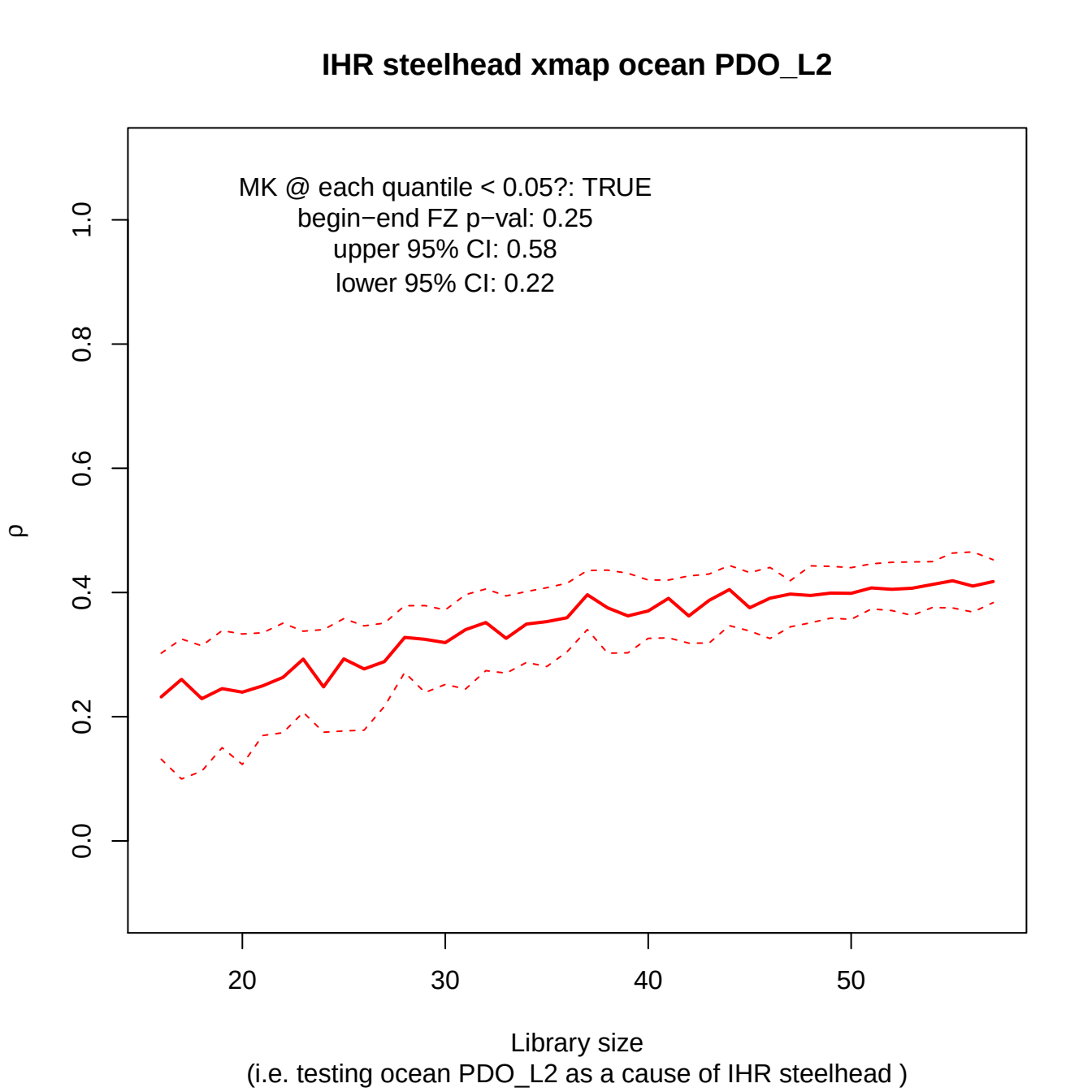

ocean PDO_L3 xmap ocean PDO_L1
each quantile < 0.05?: FALSE
egin−end FZ p−val: 0.5
upper 95% CI: 0.23
lower 95% CI: −0.027
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L1 as a cause of ocean PDO_L3)

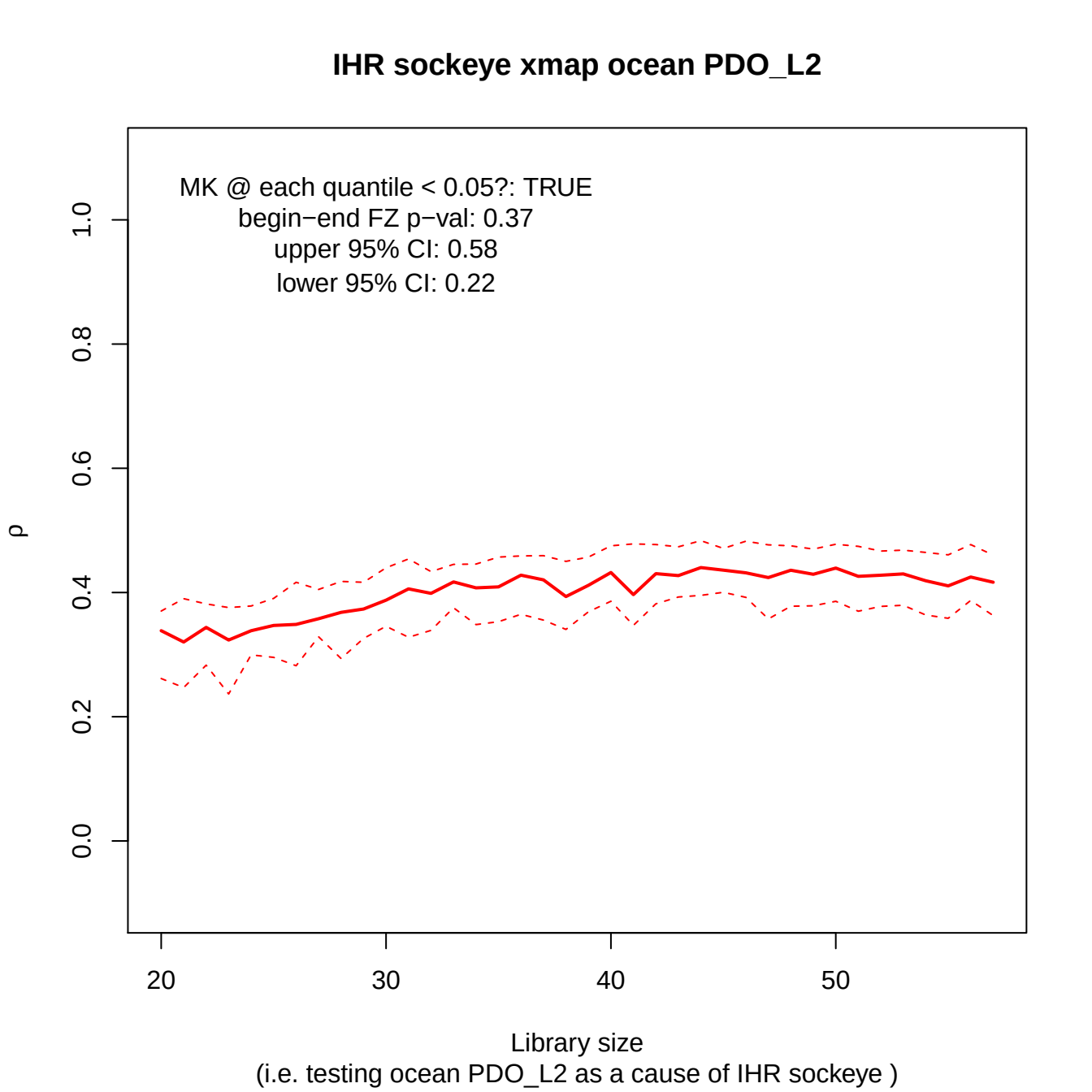

ocean PDO_L4 xmap ocean PDO_L1
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.36
upper 95% CI: 0.31
lower 95% CI: 0.06
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L1 as a cause of ocean PDO_L4)

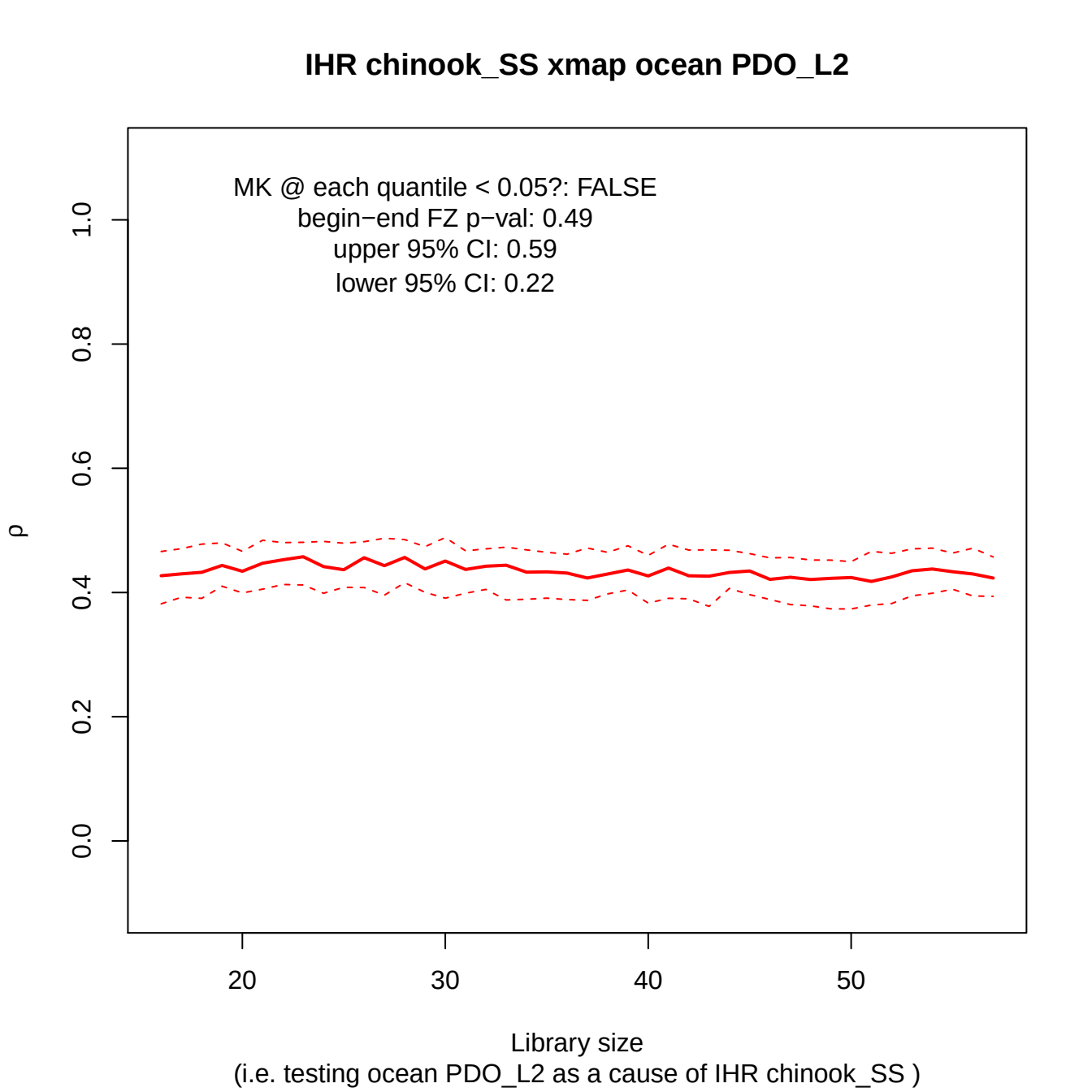

ocean PDO_L5 xmap ocean PDO_L1
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.36
upper 95% CI: 0.3
lower 95% CI: 0.047
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L1 as a cause of ocean PDO_L5)

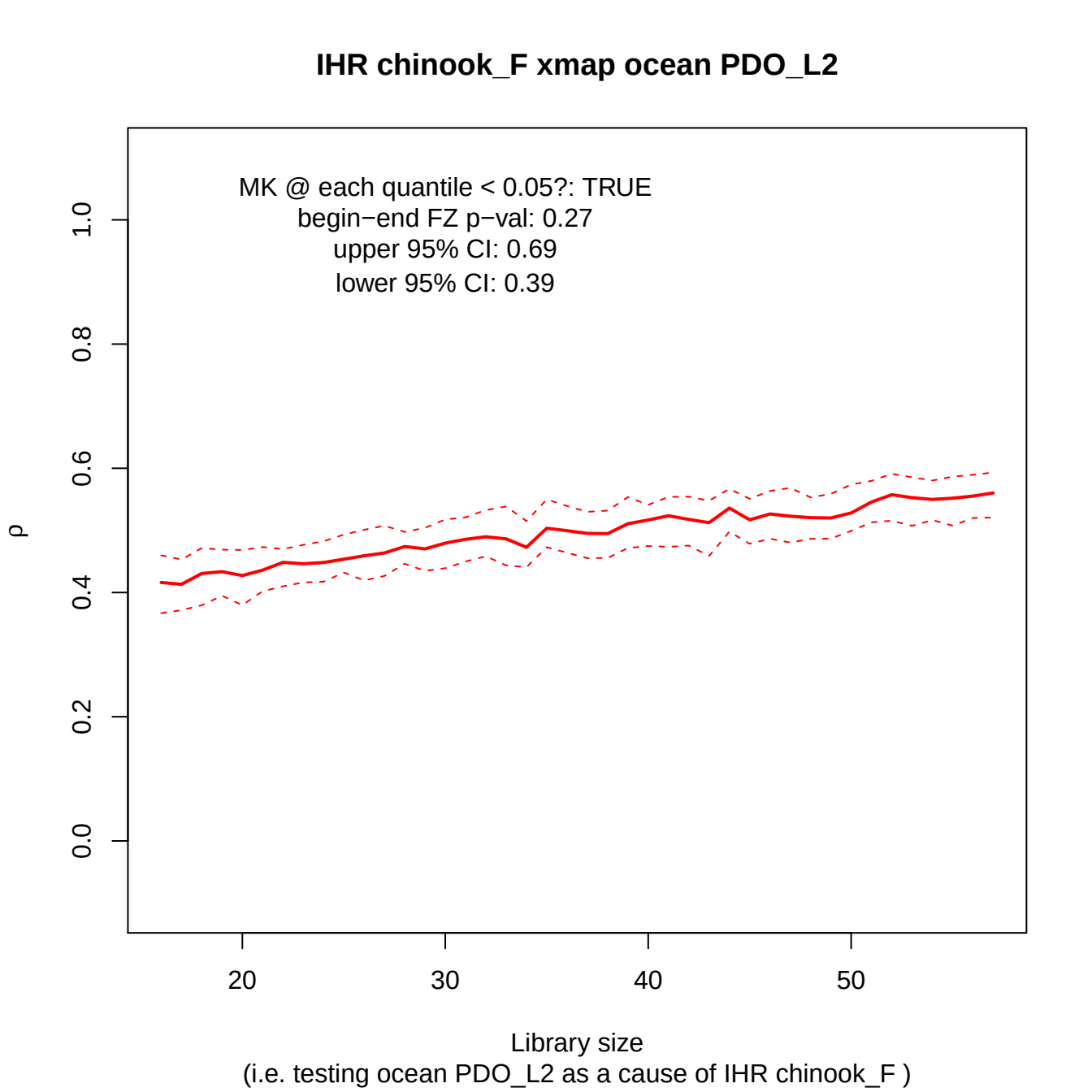

ocean PDO_L6 xmap ocean PDO_L1
each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.47
upper 95% CI: 0.18
lower 95% CI: −0.077
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L1 as a cause of ocean PDO_L6)

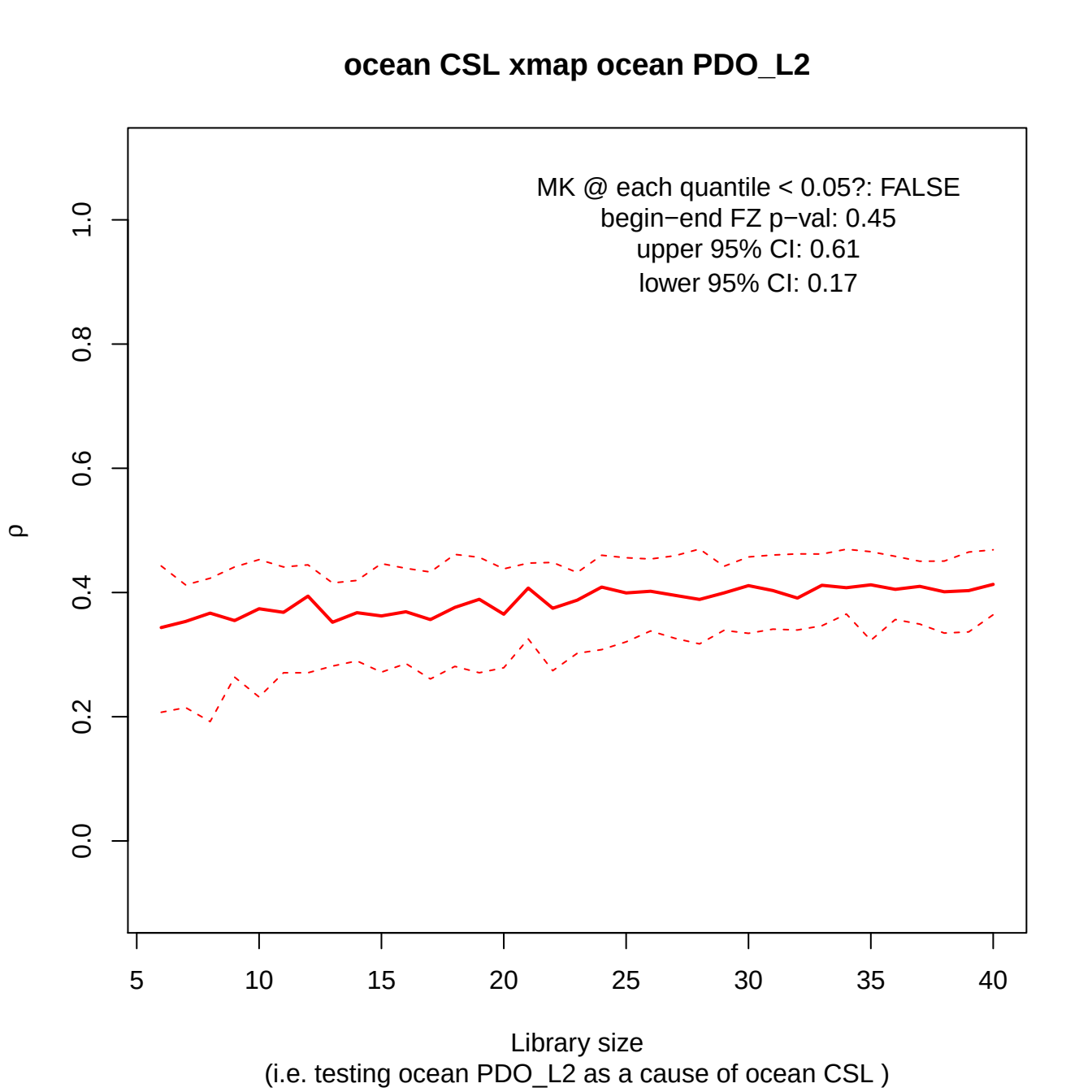

IHR coho xmap ocean PDO_L2
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.47
upper 95% CI: 0.48
lower 95% CI: 0.072
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L2 as a cause of IHR coho)

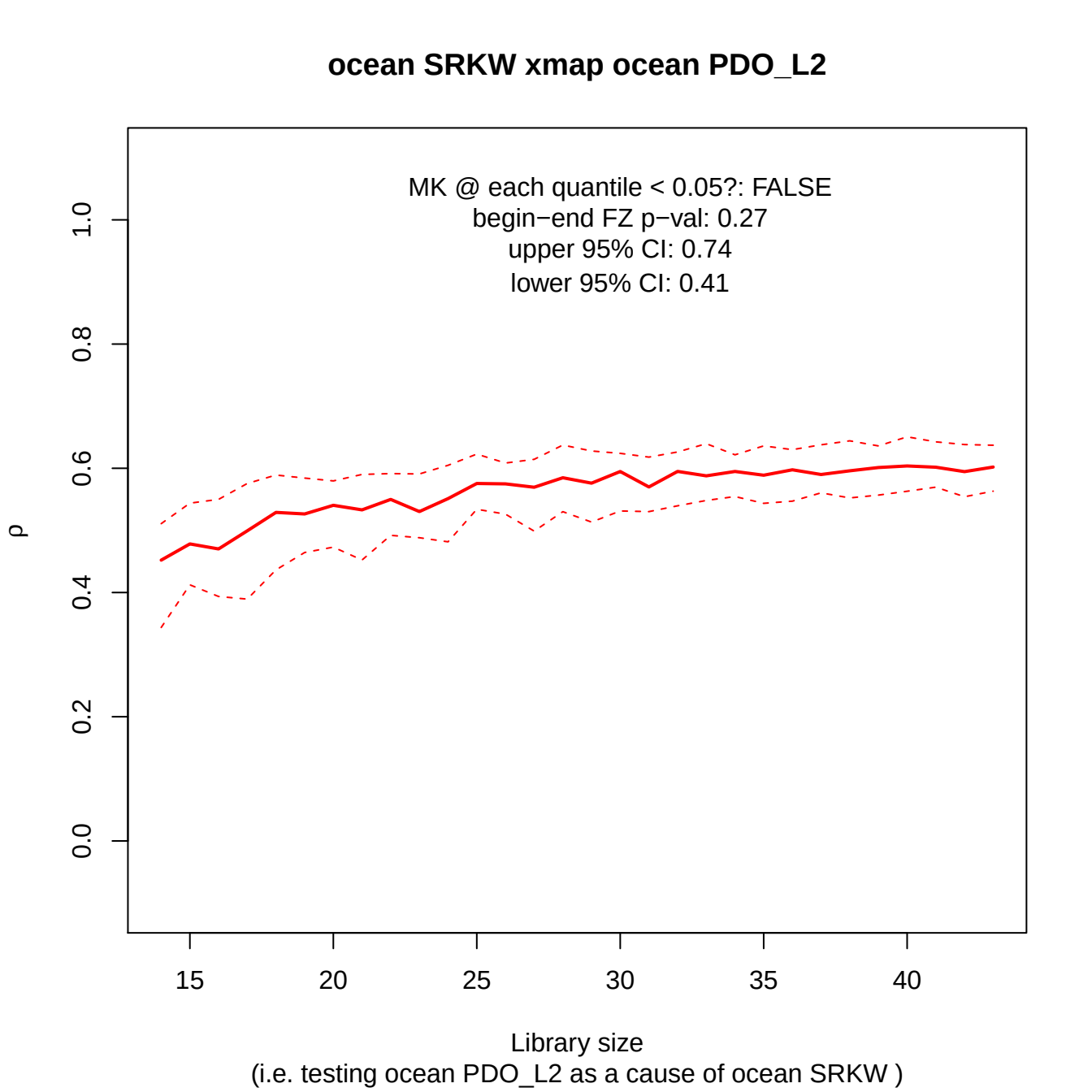

IHR steelhead xmap ocean PDO_L2
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.25
upper 95% CI: 0.58
lower 95% CI: 0.22
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L2 as a cause of IHR steelhead)

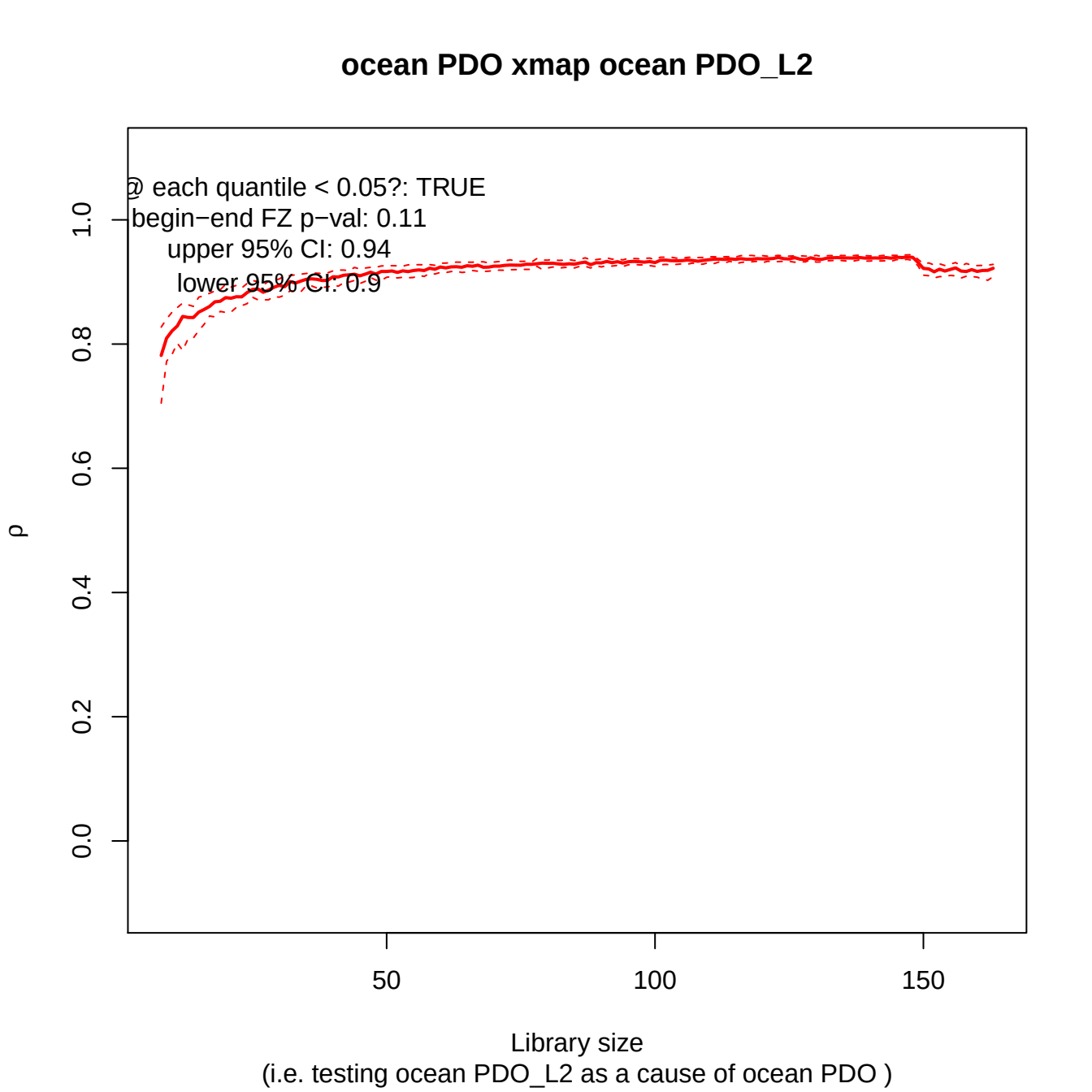

IHR sockeye xmap ocean PDO_L2
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.37
upper 95% CI: 0.58
lower 95% CI: 0.22
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L2 as a cause of IHR sockeye)

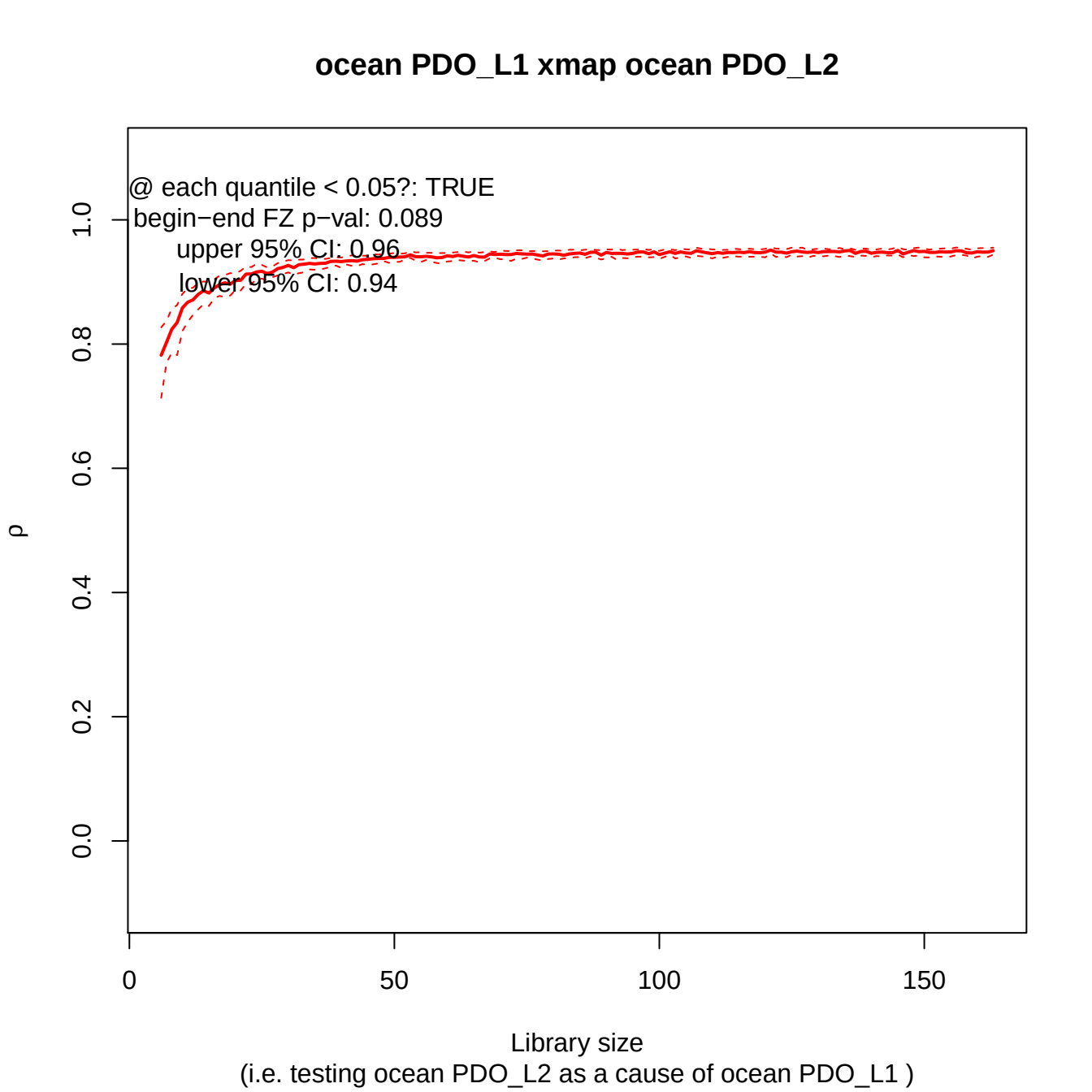

IHR chinook_SS xmap ocean PDO_L2
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.49
upper 95% CI: 0.59
lower 95% CI: 0.22
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L2 as a cause of IHR chinook_SS)

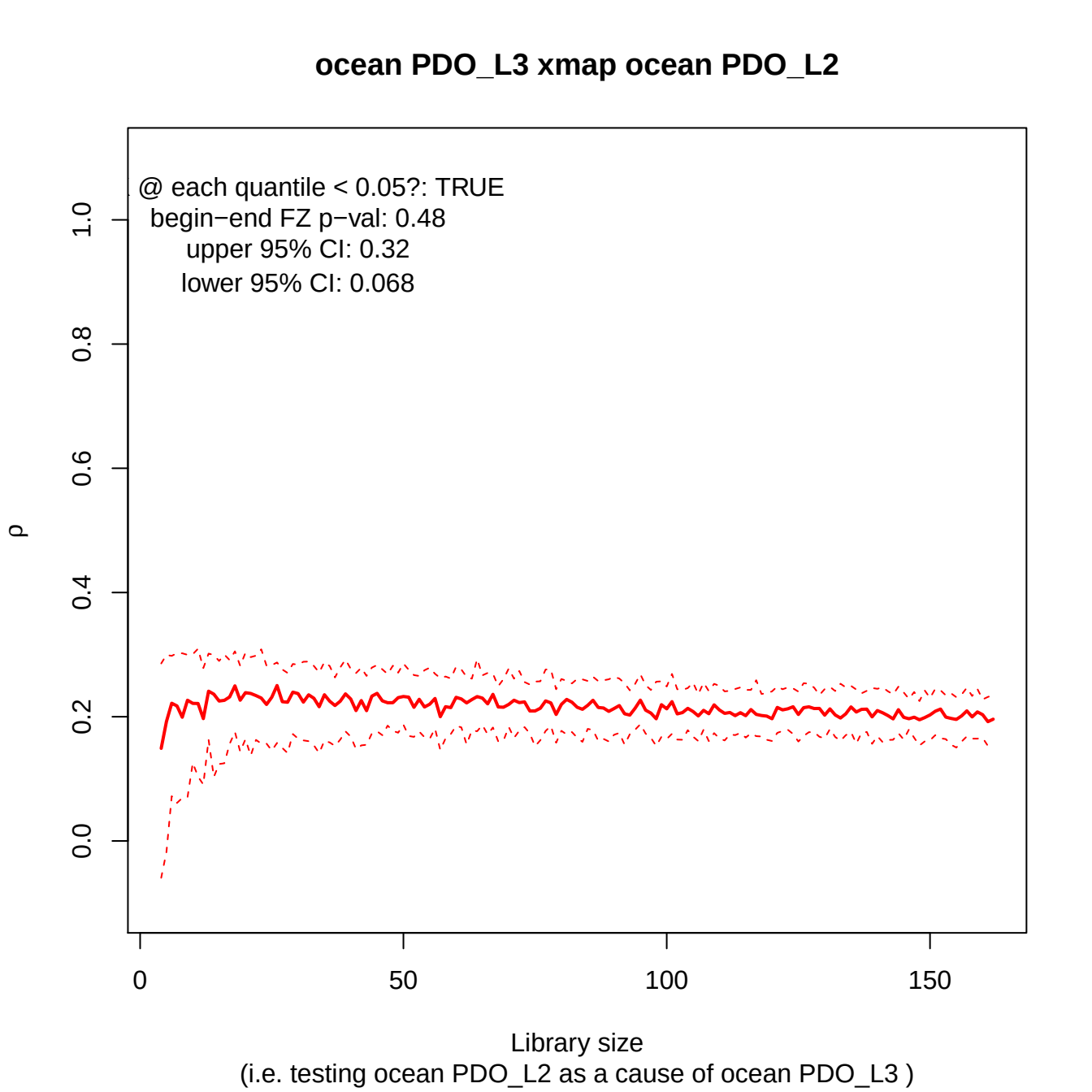

IHR chinook_F xmap ocean PDO_L2
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.27
upper 95% CI: 0.69
lower 95% CI: 0.39
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L2 as a cause of IHR chinook_F)

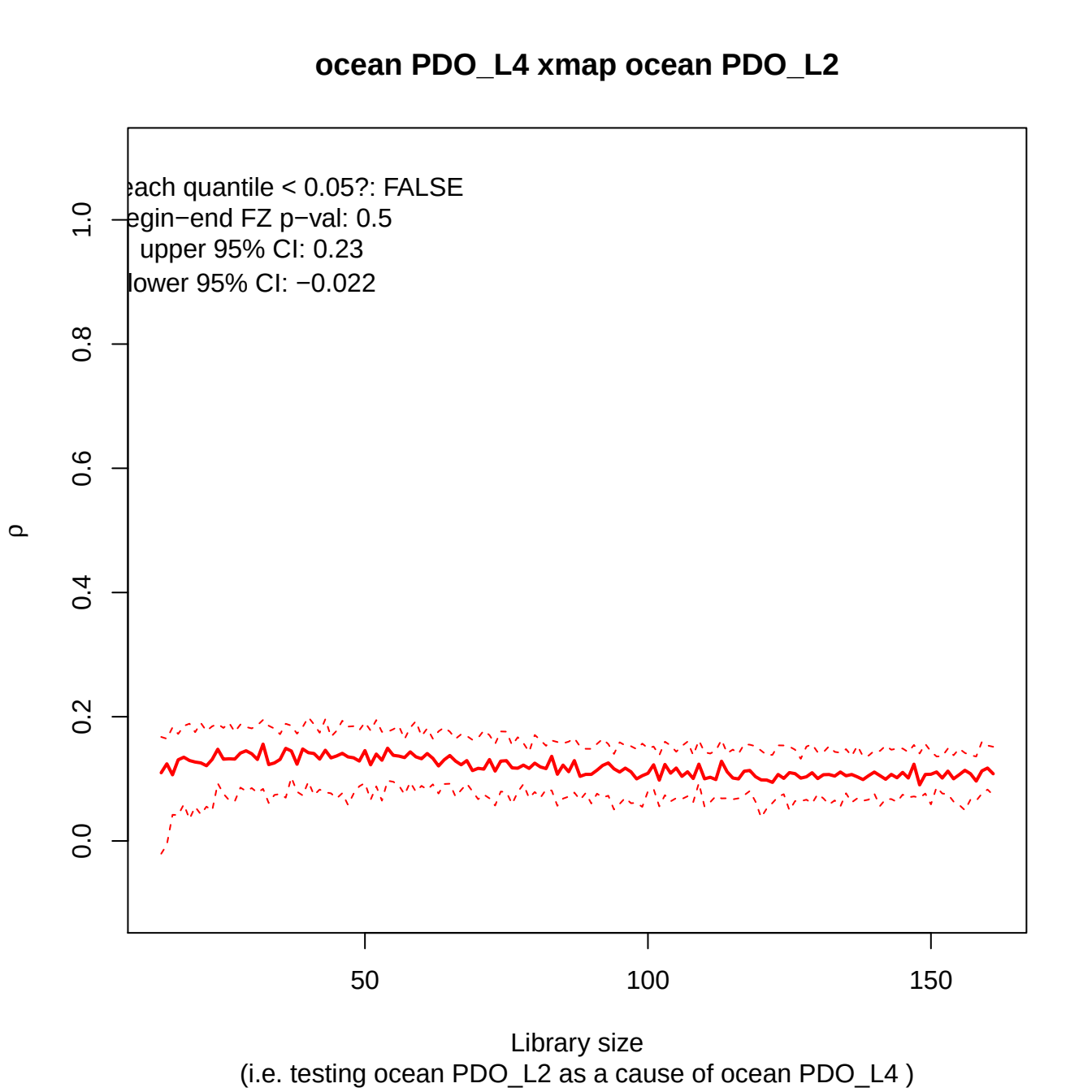

ocean CSL xmap ocean PDO_L2
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.45
upper 95% CI: 0.61
lower 95% CI: 0.17
ρ
0.0
0.2
0.4
0.6
0.8
1.0
5
10
15
20
25
30
35
40
Library size
(i.e. testing ocean PDO_L2 as a cause of ocean CSL)

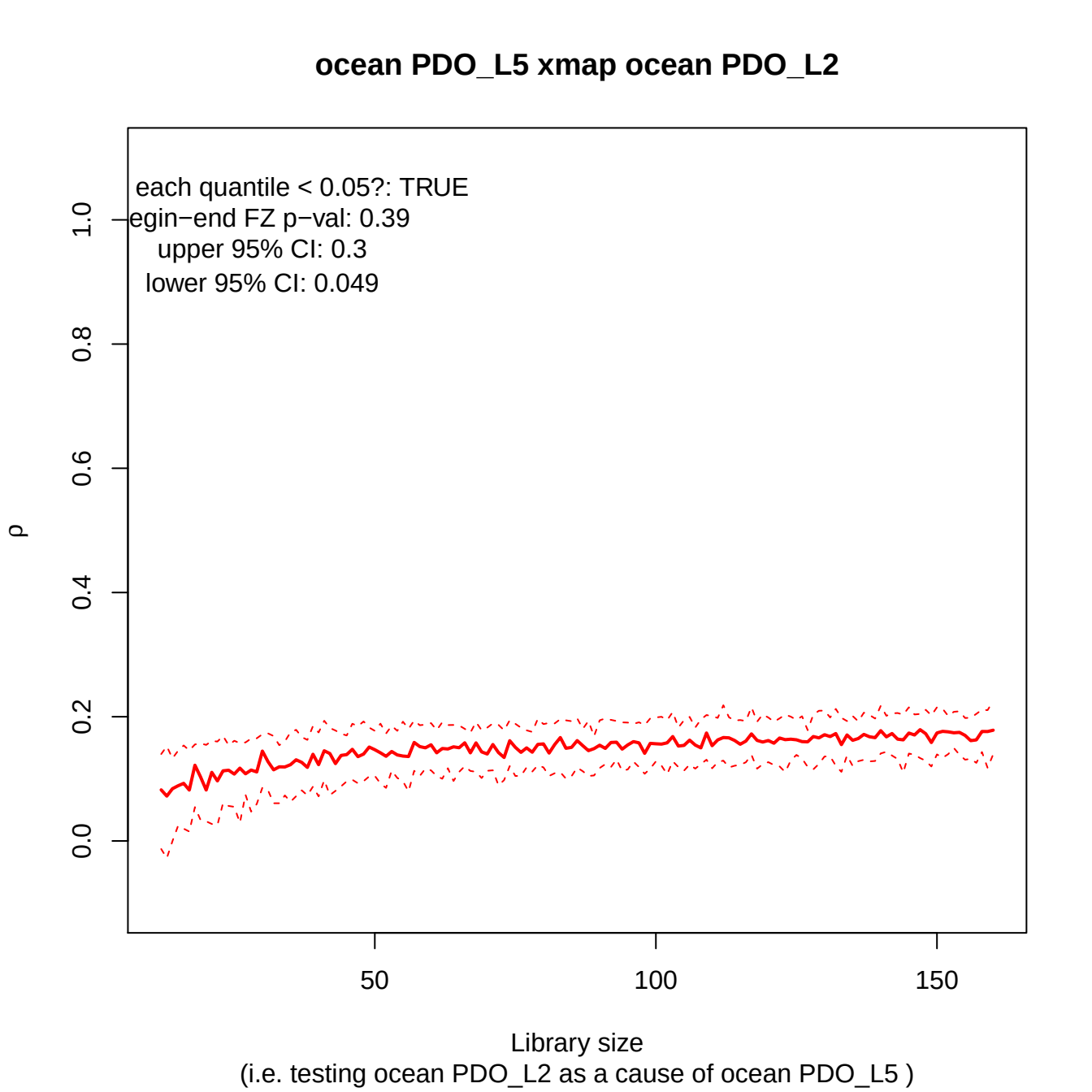

ocean SRKW xmap ocean PDO_L2
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.27
upper 95% CI: 0.74
lower 95% CI: 0.41
ρ
0.0
0.2
0.4
0.6
0.8
1.0
15
20
25
30
35
40
Library size
(i.e. testing ocean PDO_L2 as a cause of ocean SRKW)

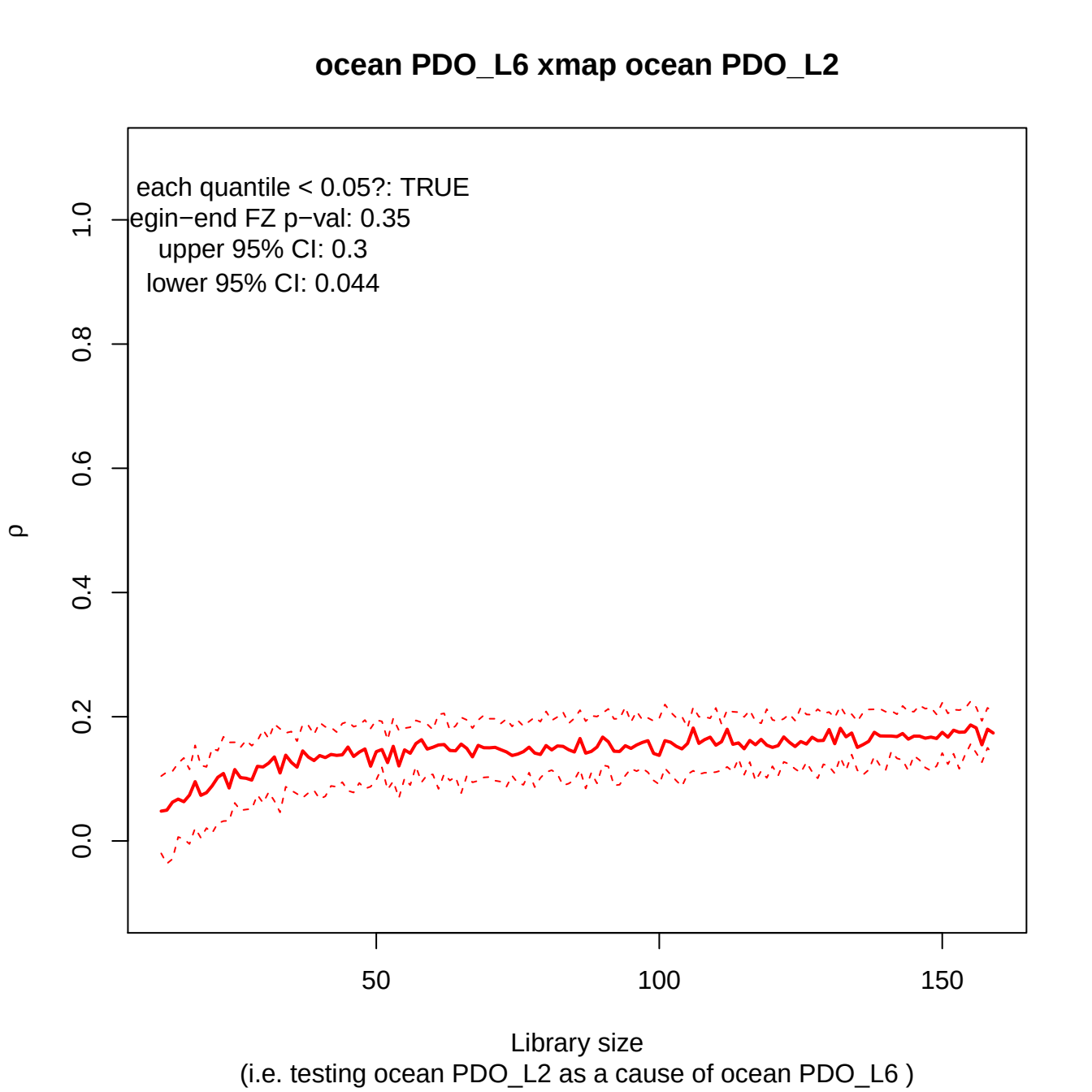

ocean PDO xmap ocean PDO_L2
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.11
upper 95% CI: 0.94
lower 95% CI: 0.9
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L2 as a cause of ocean PDO)

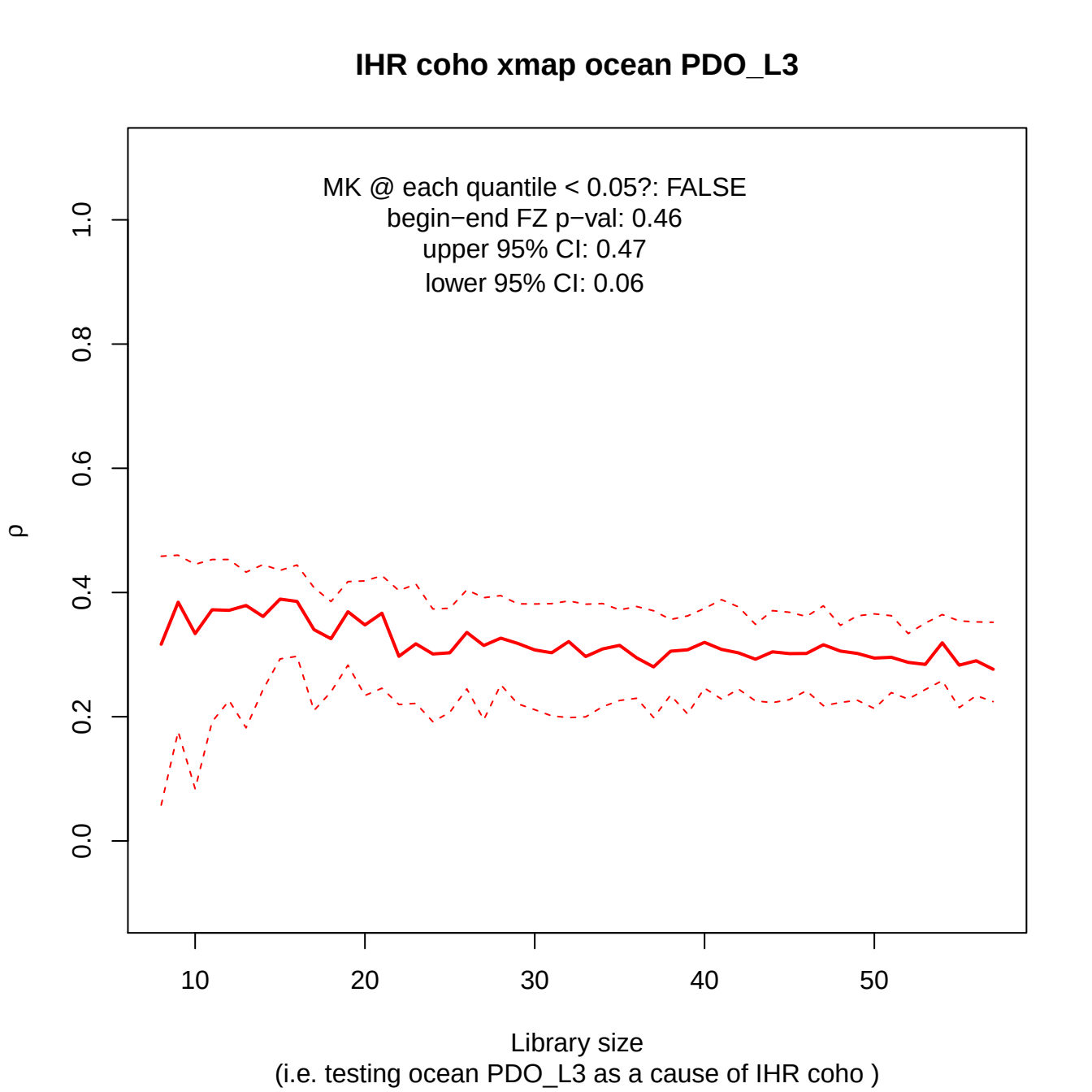

ocean PDO_L1 xmap ocean PDO_L2
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.089
upper 95% CI: 0.96
lower 95% CI: 0.94
ρ
0.0
0.2
0.4
0.6
0.8
1.0
0
50
100
150
Library size
(i.e. testing ocean PDO_L2 as a cause of ocean PDO_L1)

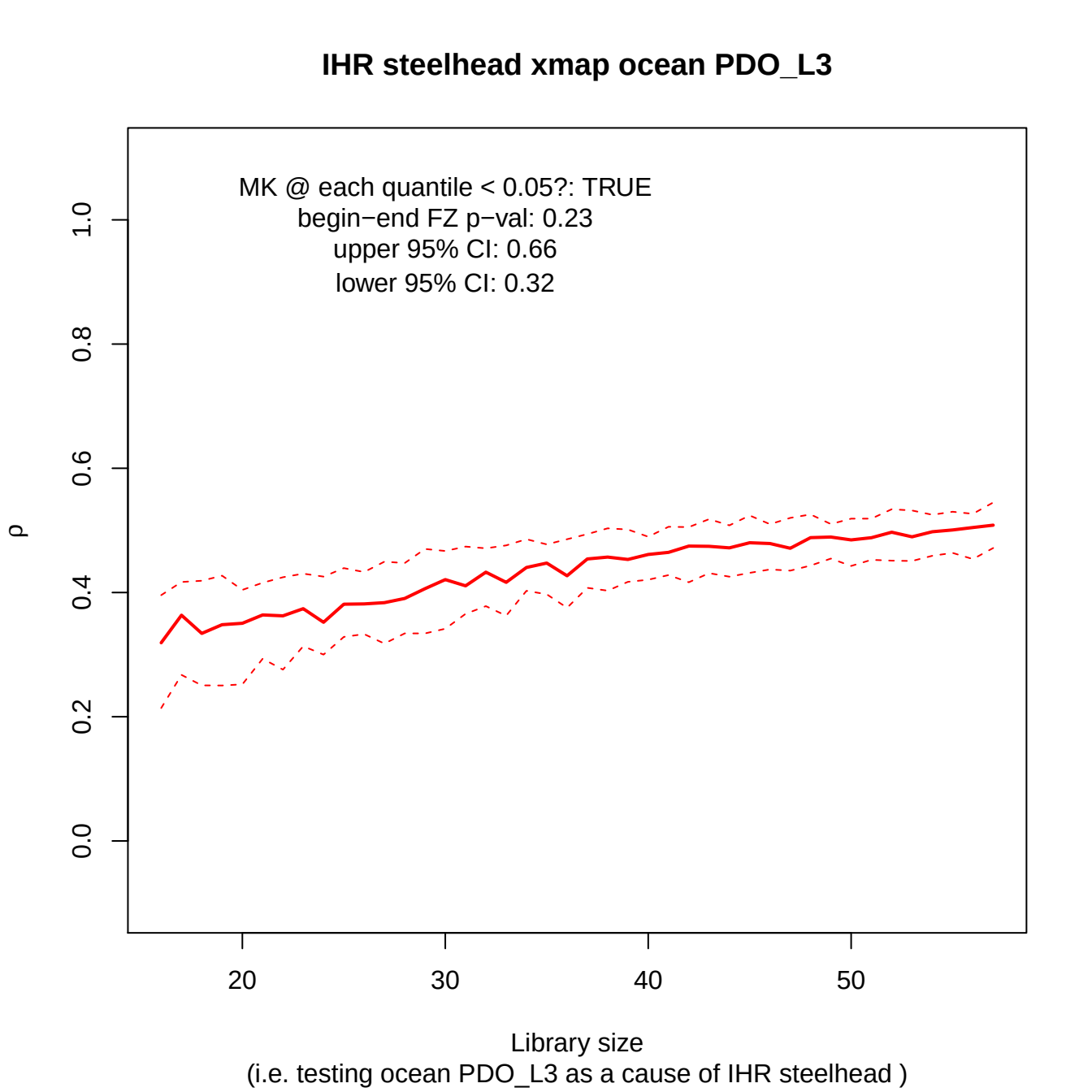

ocean PDO_L3 xmap ocean PDO_L2
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.48
upper 95% CI: 0.32
lower 95% CI: 0.068
ρ
0.0
0.2
0.4
0.6
0.8
1.0
0
50
100
150
Library size
(i.e. testing ocean PDO_L2 as a cause of ocean PDO_L3)

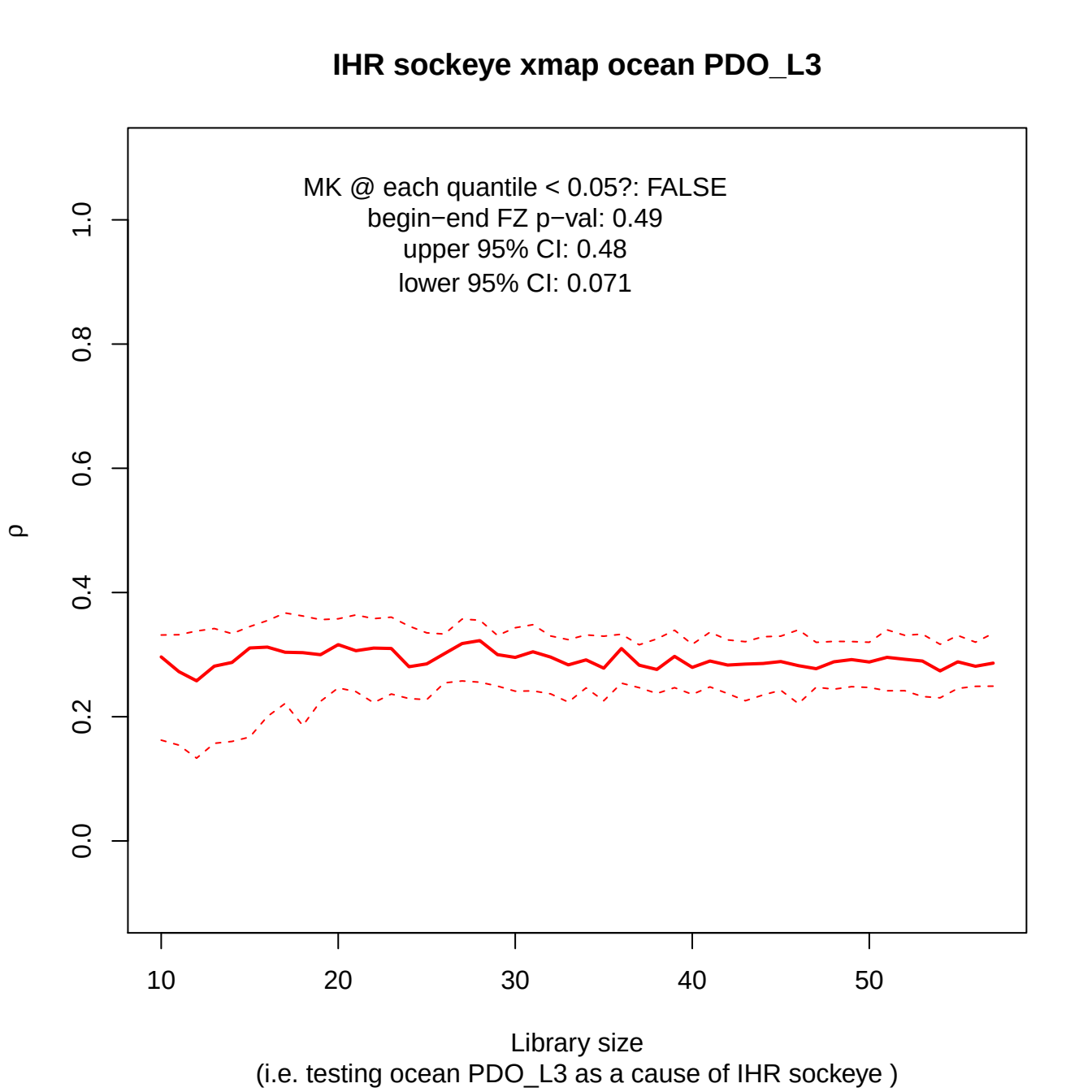

ocean PDO_L4 xmap ocean PDO_L2
each quantile < 0.05?: FALSE
egin−end FZ p−val: 0.5
upper 95% CI: 0.23
lower 95% CI: −0.022
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L2 as a cause of ocean PDO_L4)

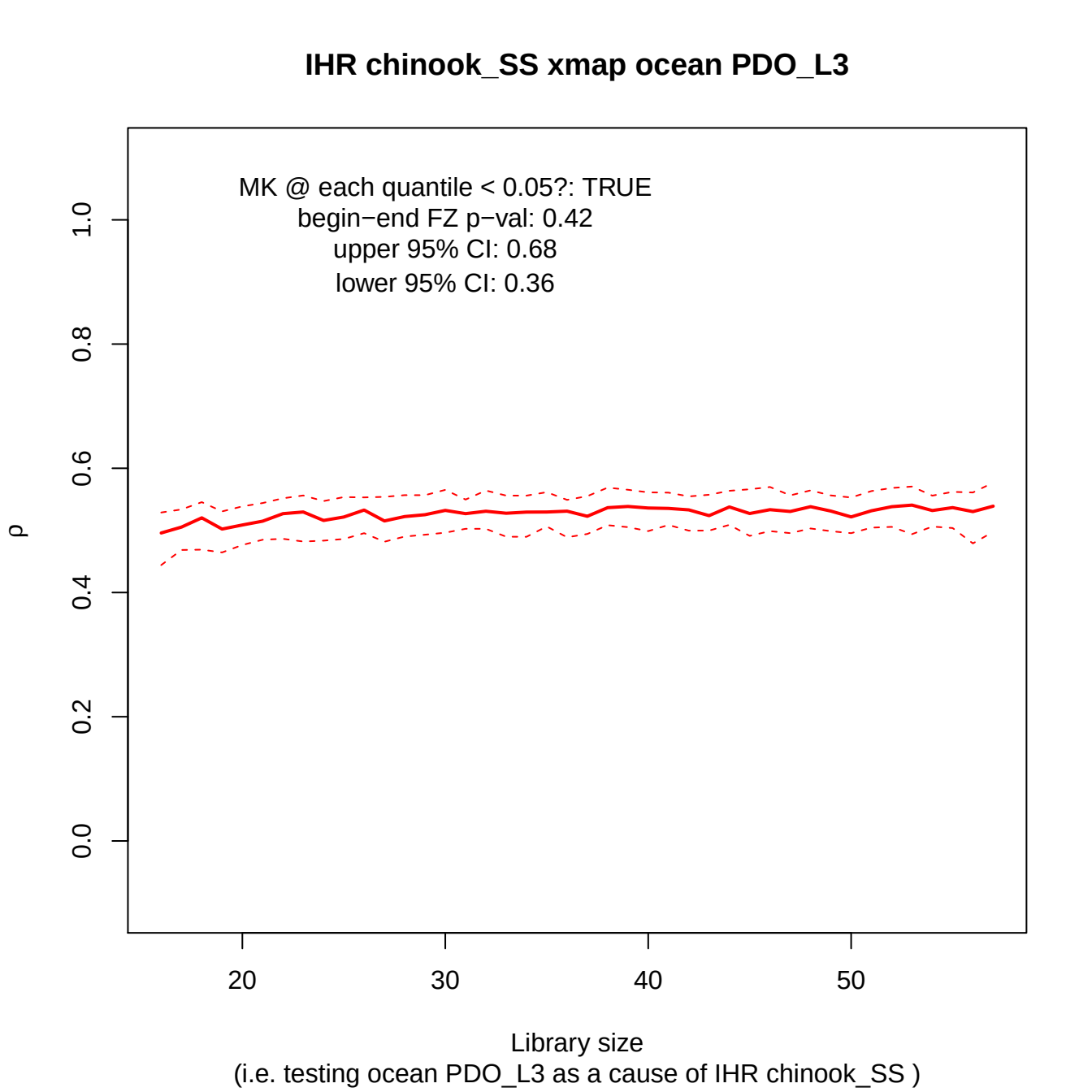

ocean PDO_L5 xmap ocean PDO_L2
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.39
upper 95% CI: 0.3
lower 95% CI: 0.049
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L2 as a cause of ocean PDO_L5)

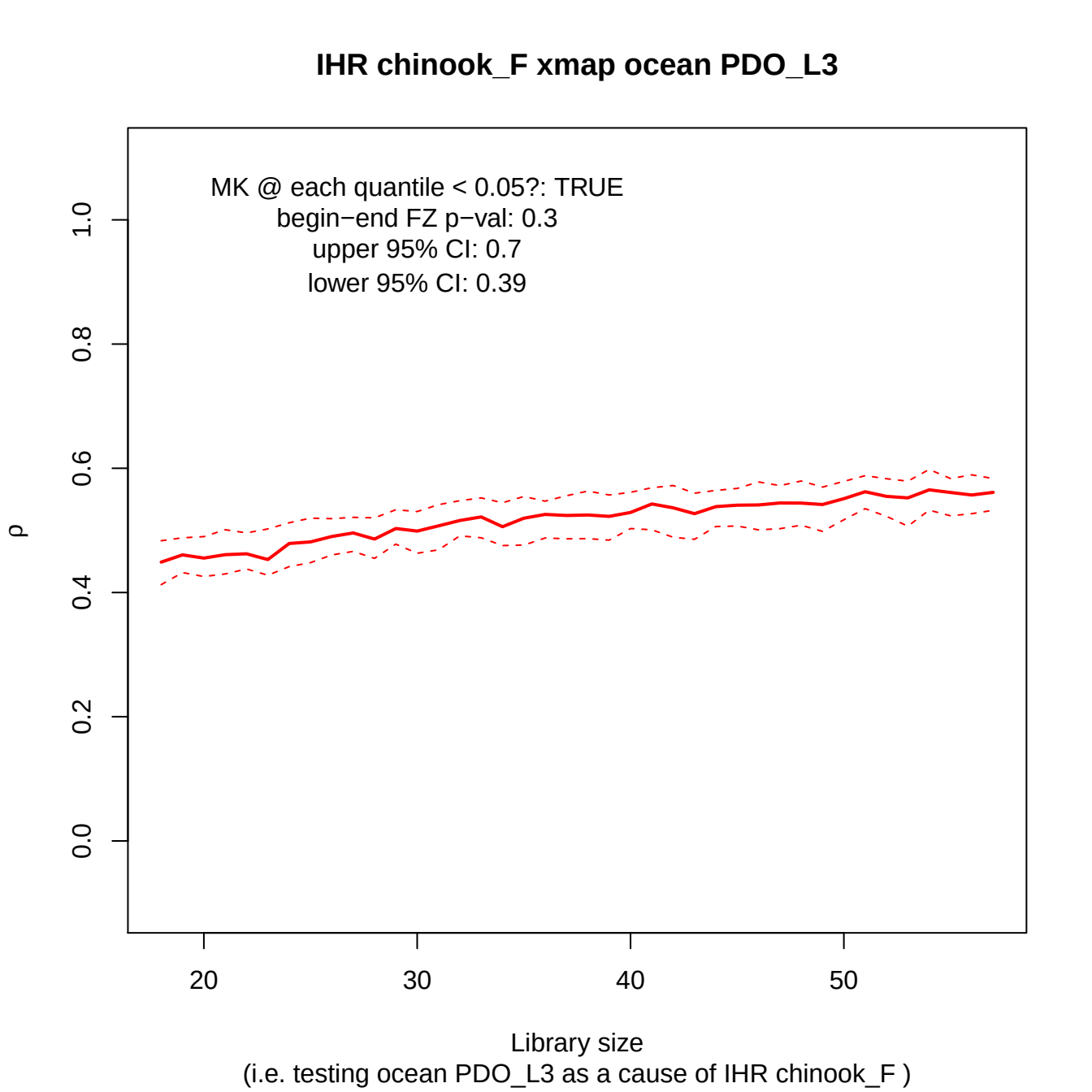

ocean PDO_L6 xmap ocean PDO_L2
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.35
upper 95% CI: 0.3
lower 95% CI: 0.044
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L2 as a cause of ocean PDO_L6)

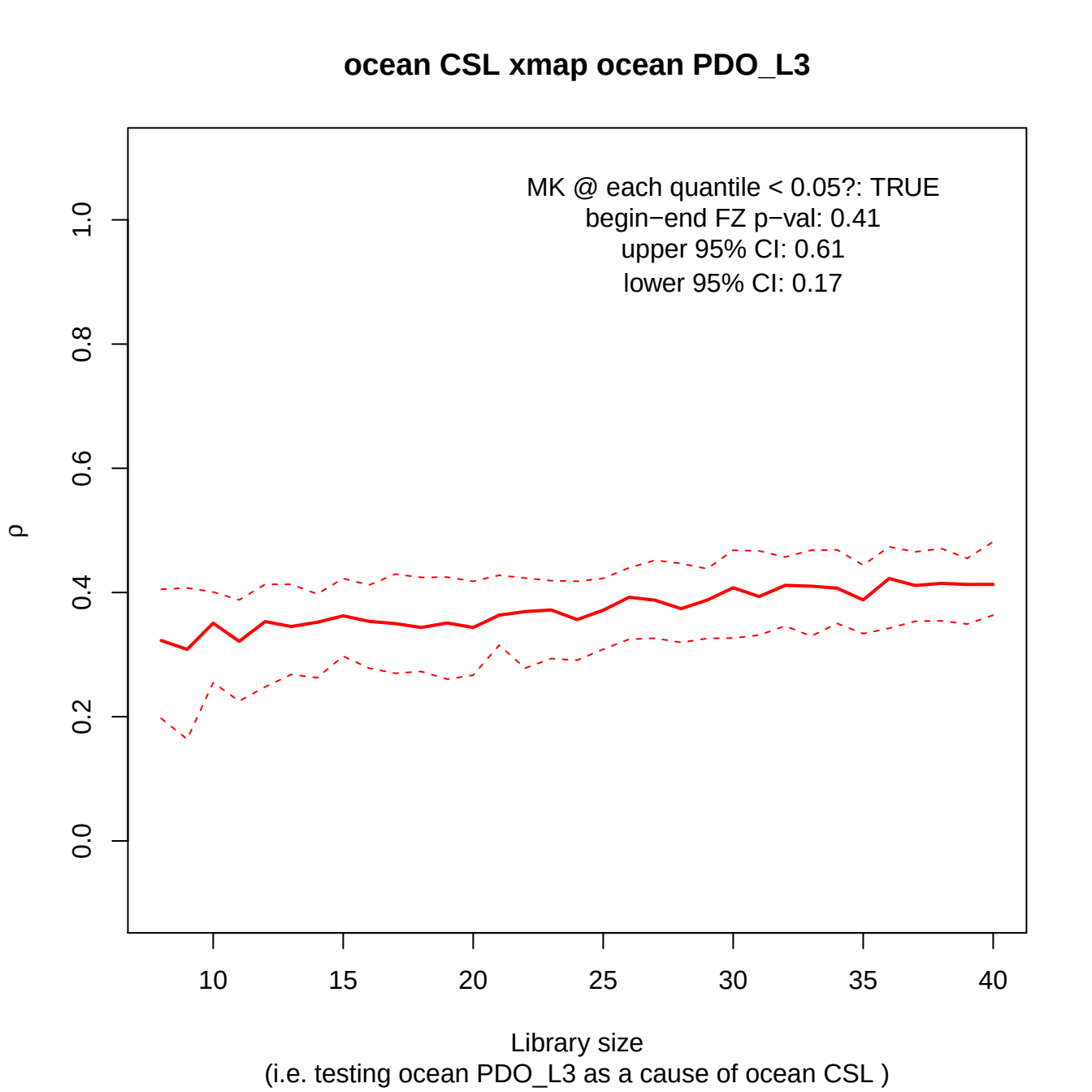

IHR coho xmap ocean PDO_L3
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.46
upper 95% CI: 0.47
lower 95% CI: 0.06
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing ocean PDO_L3 as a cause of IHR coho)

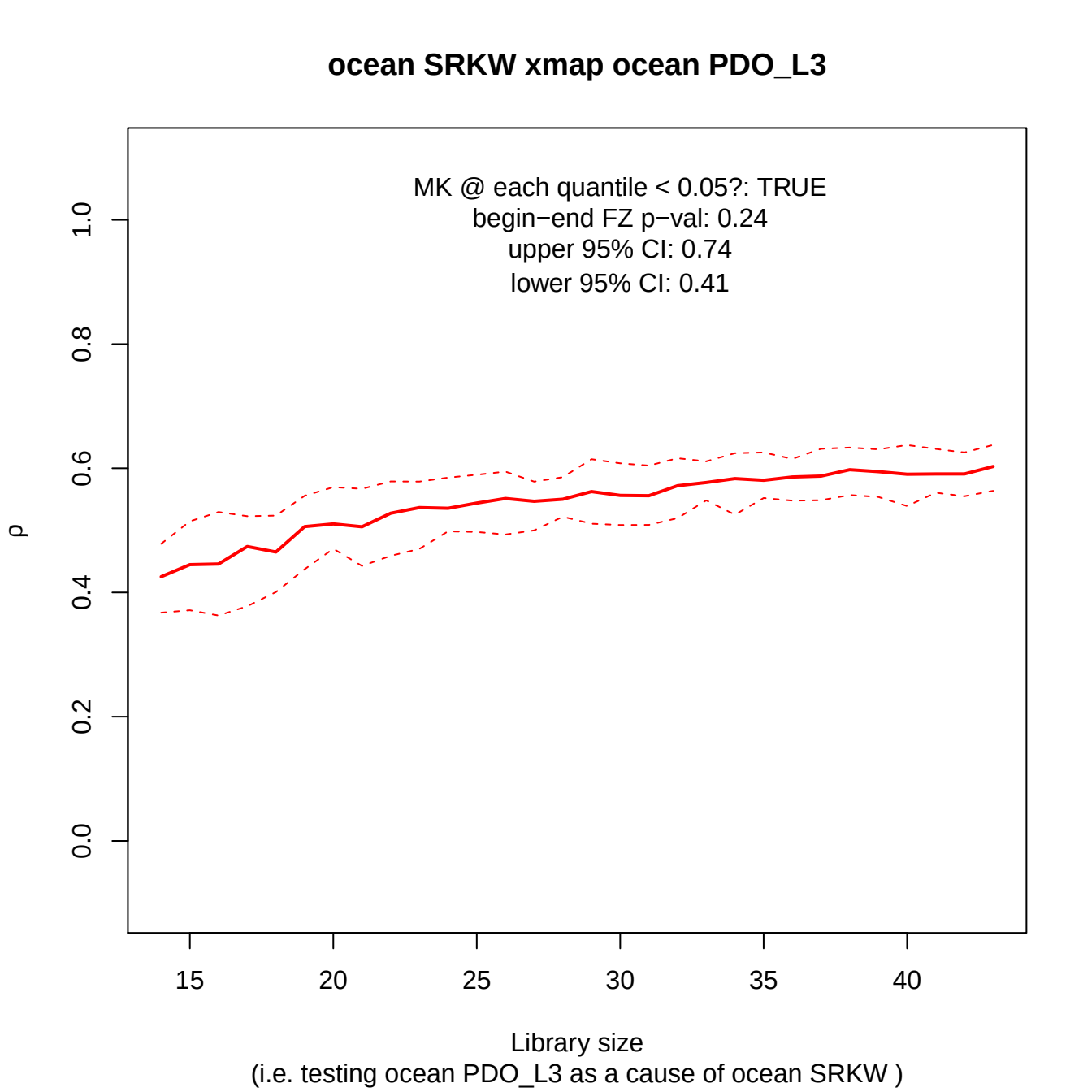

IHR steelhead xmap ocean PDO_L3
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.23
upper 95% CI: 0.66
lower 95% CI: 0.32
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L3 as a cause of IHR steelhead)

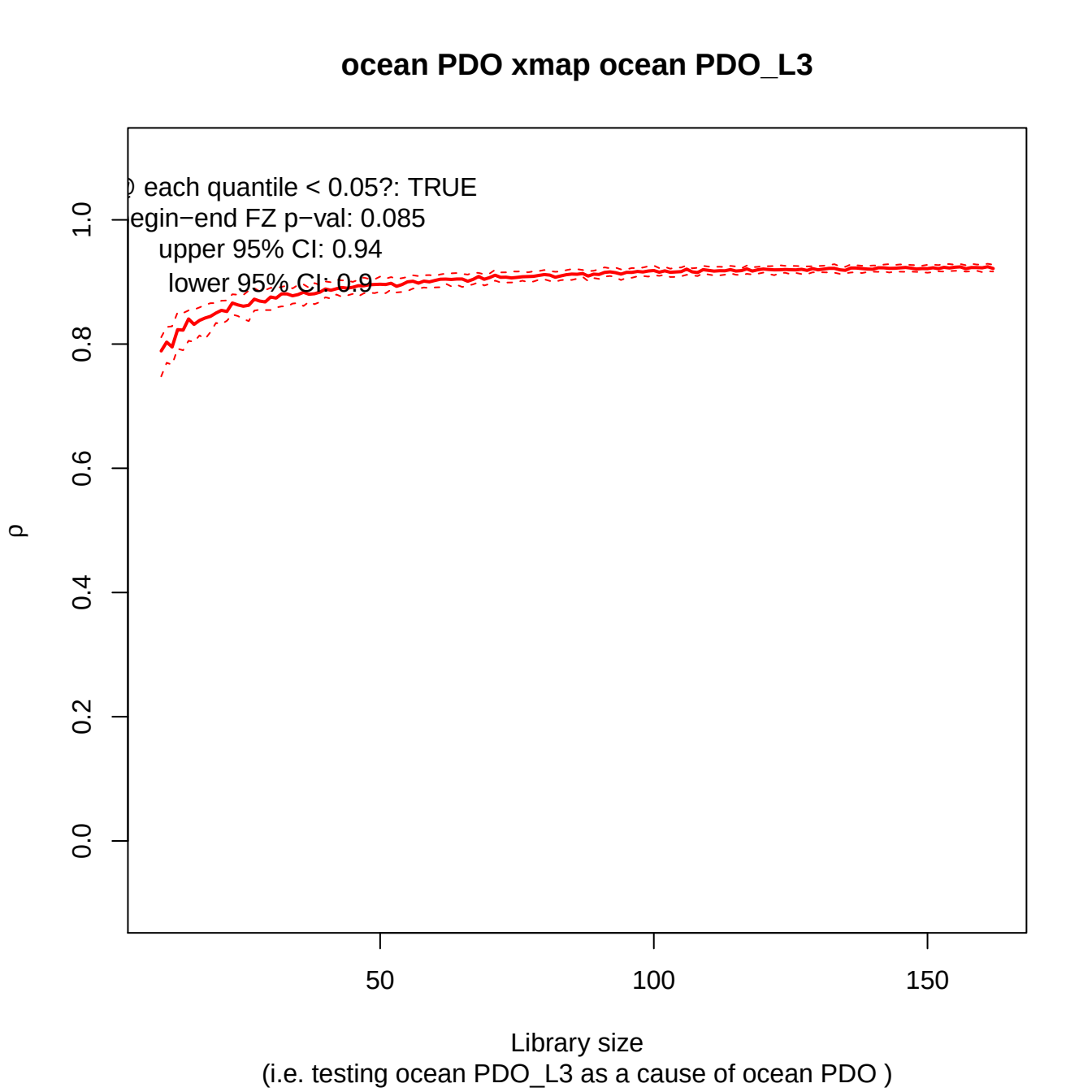

IHR sockeye xmap ocean PDO_L3
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.49
upper 95% CI: 0.48
lower 95% CI: 0.071
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing ocean PDO_L3 as a cause of IHR sockeye)

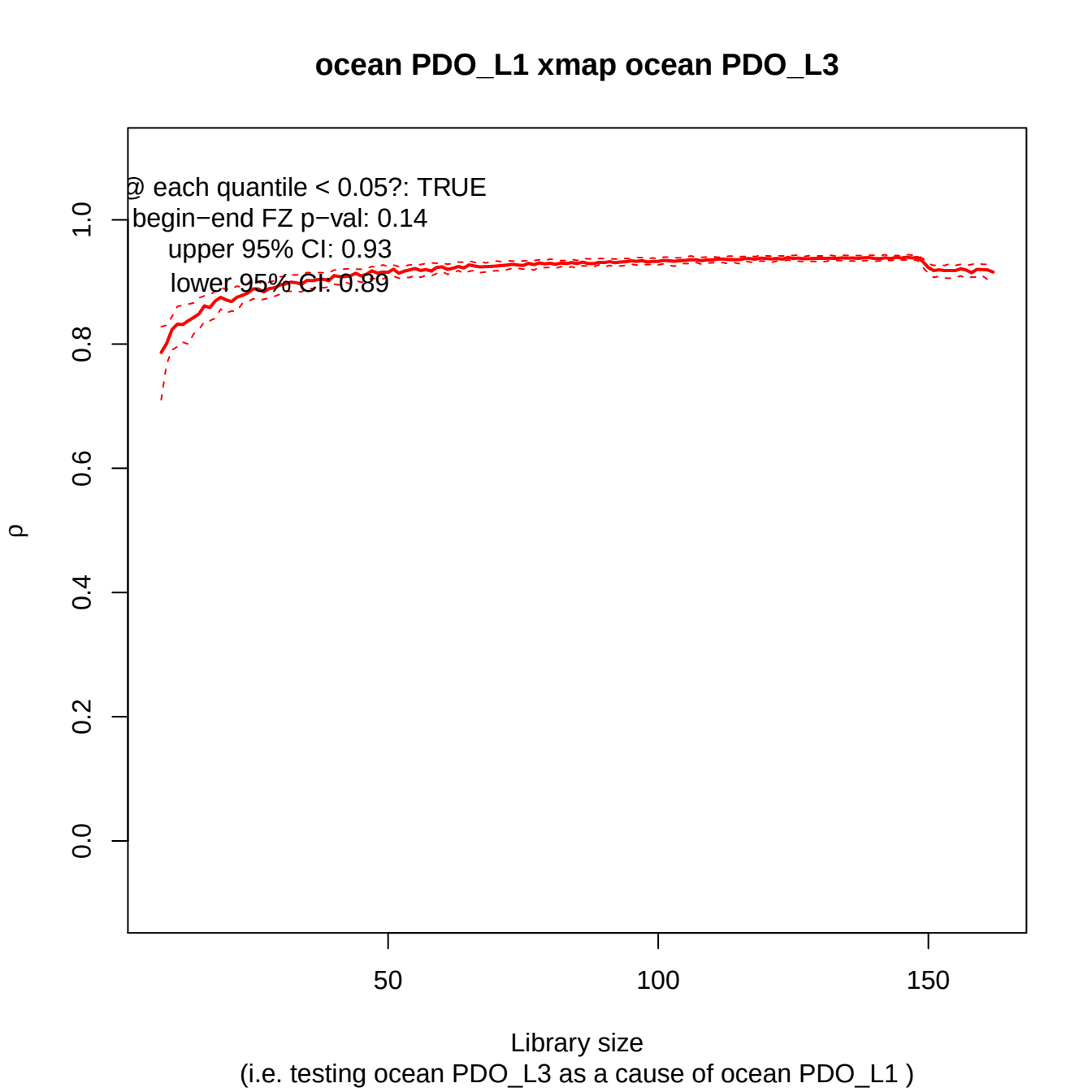

IHR chinook_SS xmap ocean PDO_L3
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.42
upper 95% CI: 0.68
lower 95% CI: 0.36
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L3 as a cause of IHR chinook_SS)

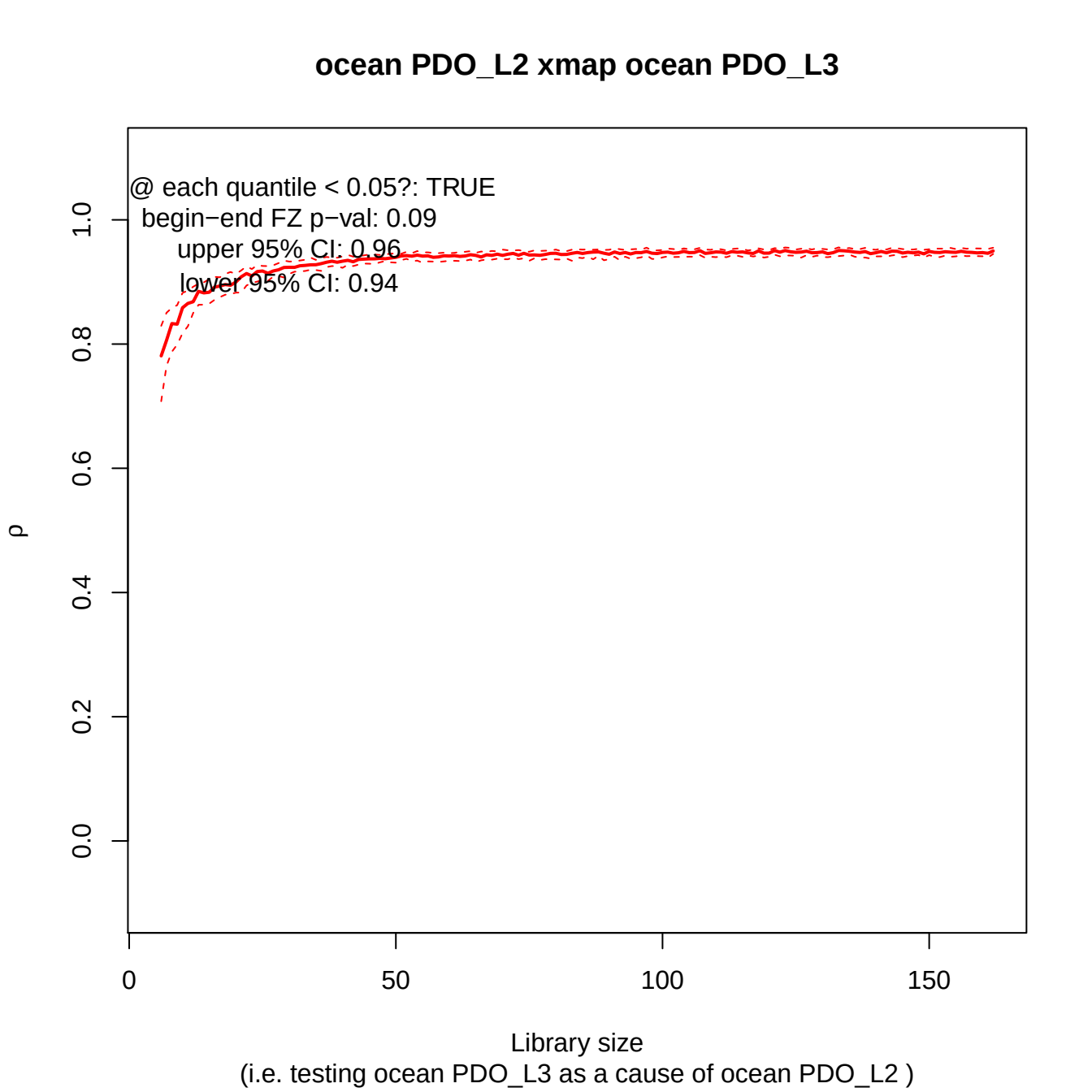

IHR chinook_F xmap ocean PDO_L3
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.3
upper 95% CI: 0.7
lower 95% CI: 0.39
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L3 as a cause of IHR chinook_F)

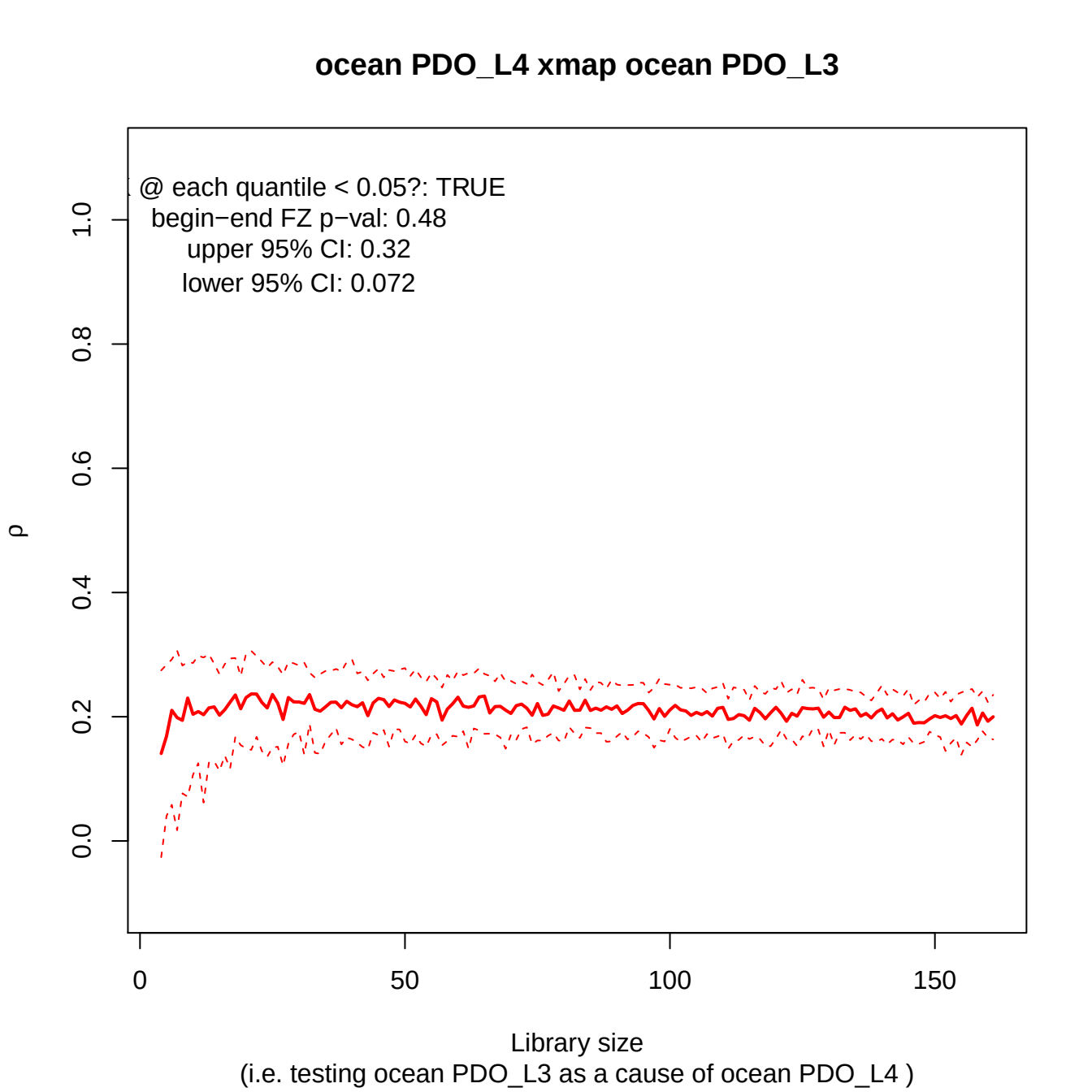

ocean CSL xmap ocean PDO_L3
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.41
upper 95% CI: 0.61
lower 95% CI: 0.17
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
15
20
25
30
35
40
Library size
(i.e. testing ocean PDO_L3 as a cause of ocean CSL)

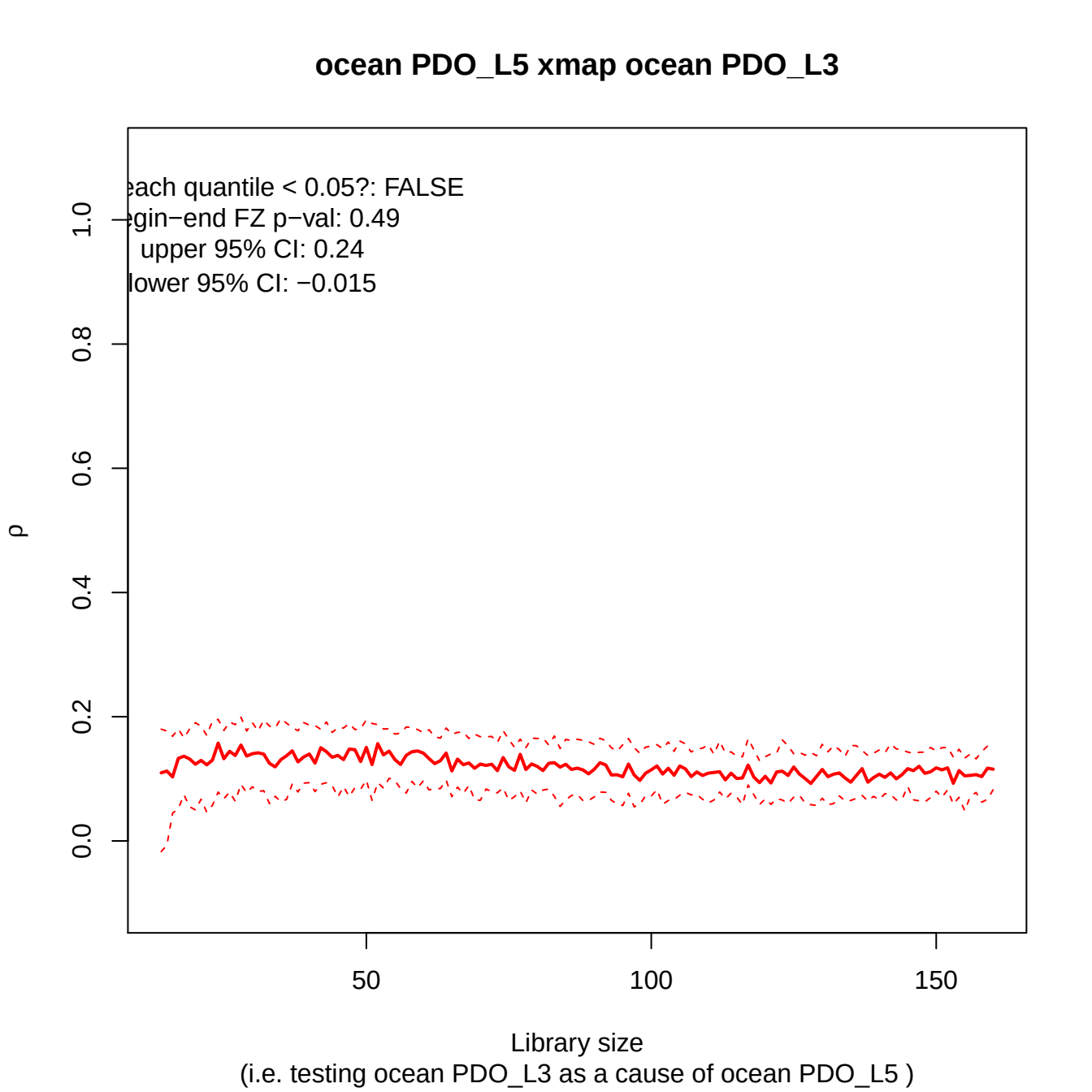

ocean SRKW xmap ocean PDO_L3
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.24
upper 95% CI: 0.74
lower 95% CI: 0.41
ρ
0.0
0.2
0.4
0.6
0.8
1.0
15
20
25
30
35
40
Library size
(i.e. testing ocean PDO_L3 as a cause of ocean SRKW)

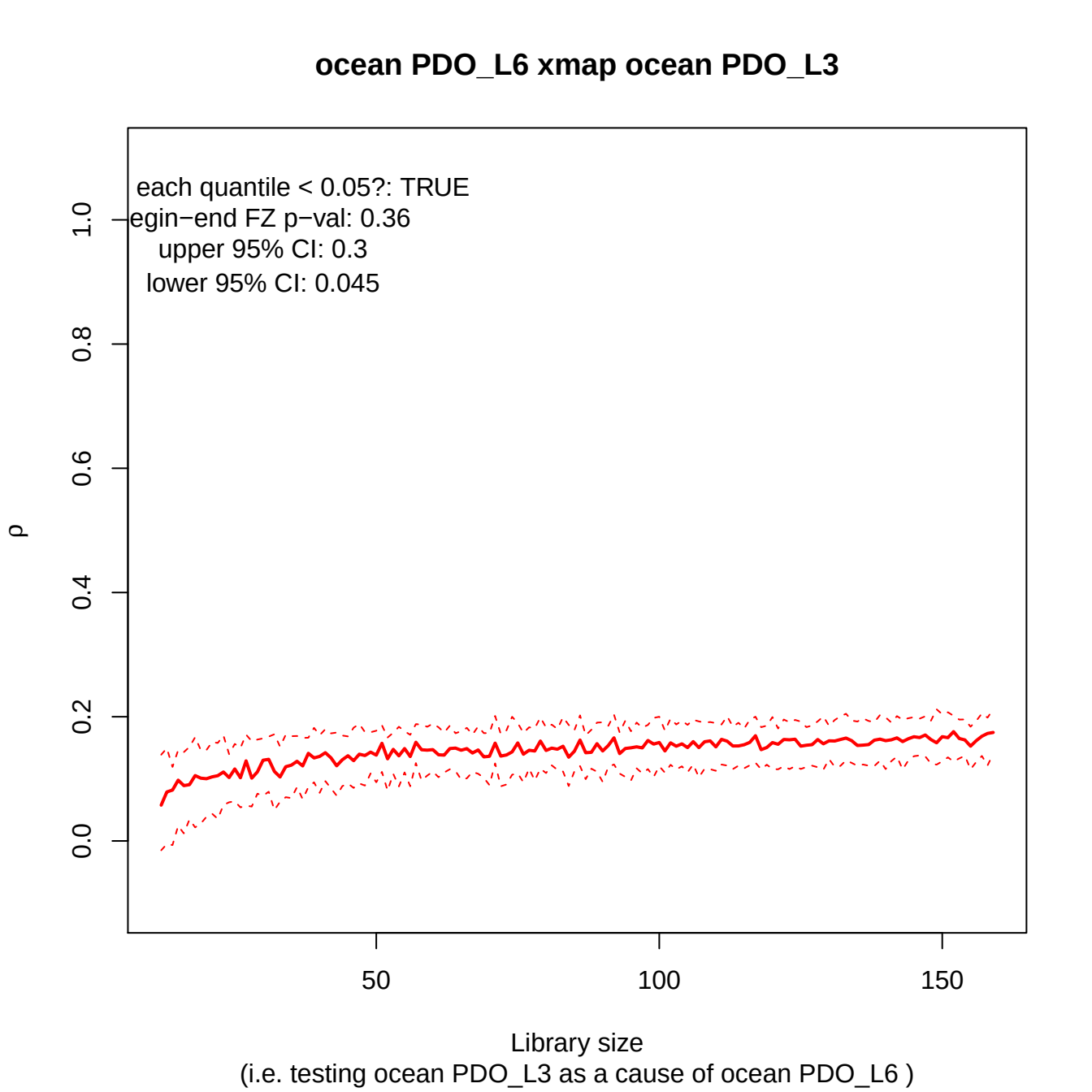

ocean PDO xmap ocean PDO_L3
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.085
upper 95% CI: 0.94
lower 95% CI: 0.9
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L3 as a cause of ocean PDO)

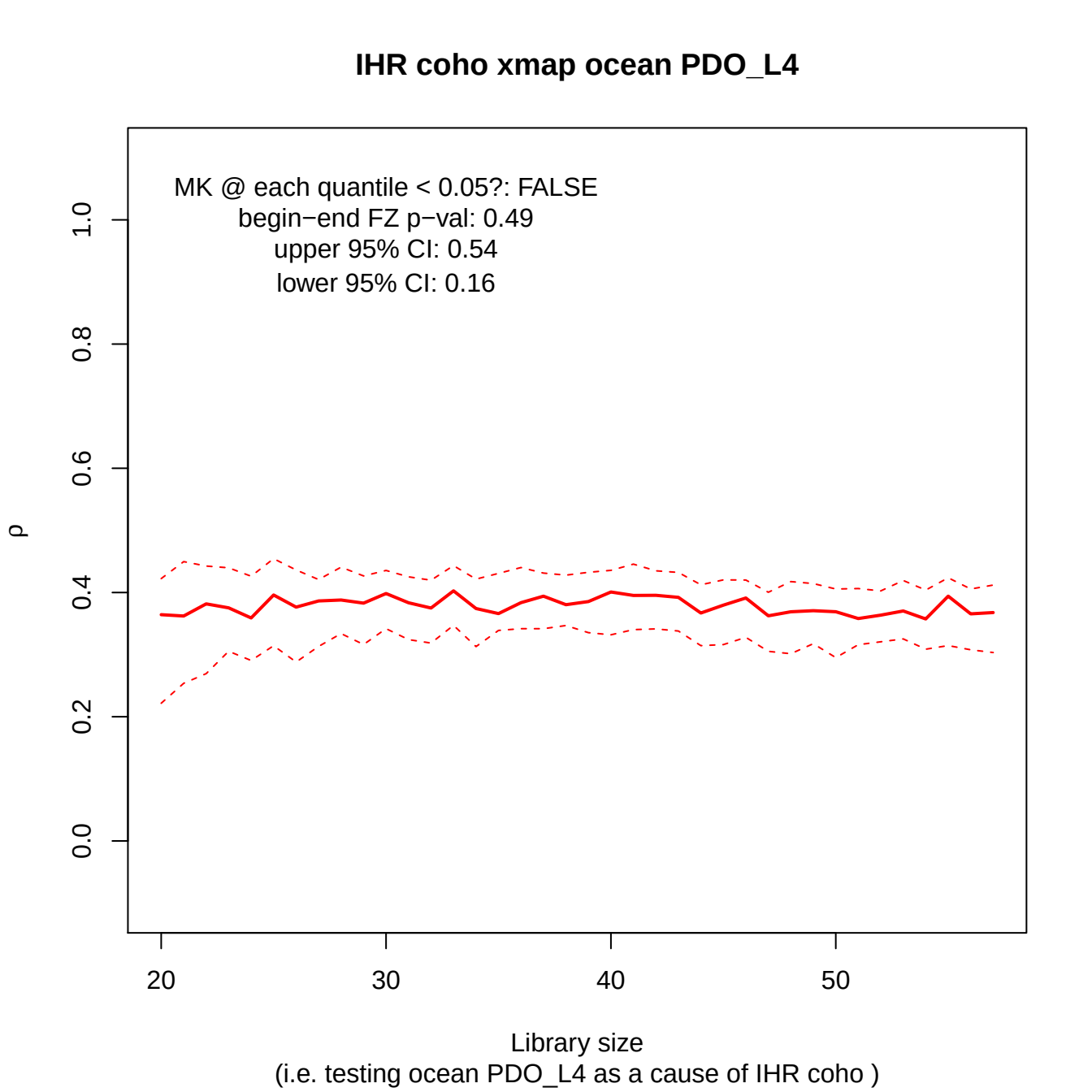

ocean PDO_L1 xmap ocean PDO_L3
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.14
upper 95% CI: 0.93
lower 95% CI: 0.89
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L3 as a cause of ocean PDO_L1)

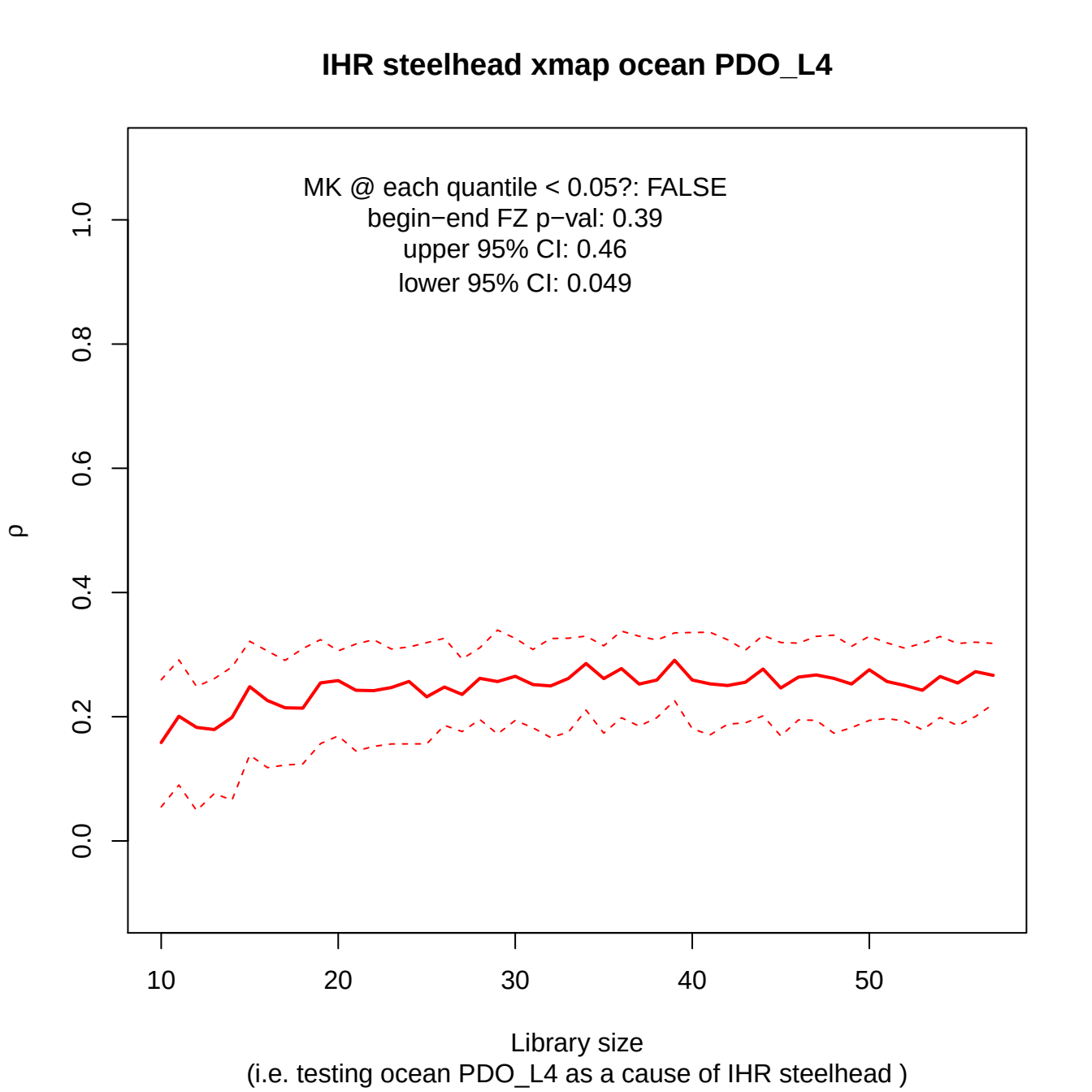

ocean PDO_L2 xmap ocean PDO_L3
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.09
upper 95% CI: 0.96
lower 95% CI: 0.94
ρ
0.0
0.2
0.4
0.6
0.8
1.0
0
50
100
150
Library size
(i.e. testing ocean PDO_L3 as a cause of ocean PDO_L2)

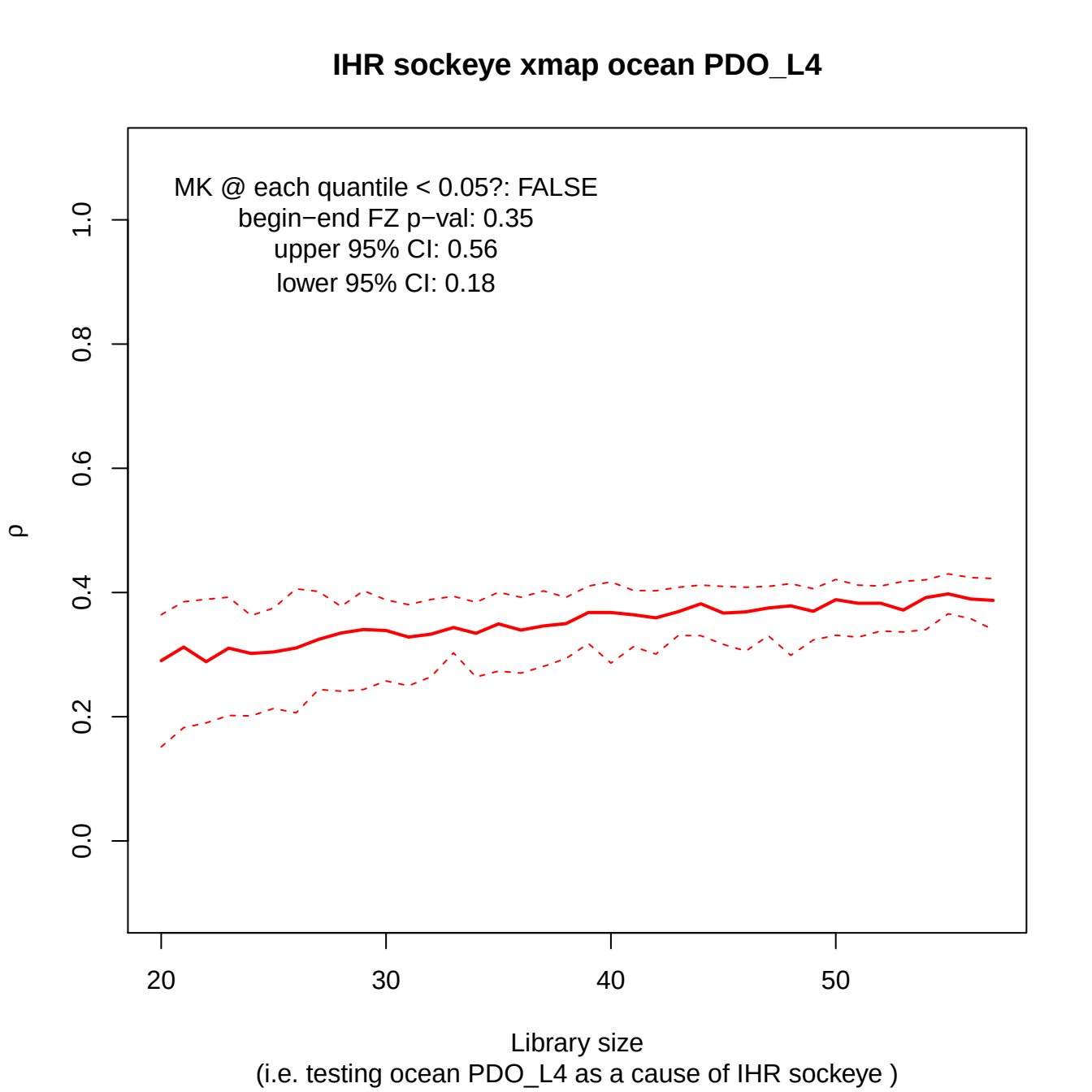

ocean PDO_L4 xmap ocean PDO_L3
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.48
upper 95% CI: 0.32
lower 95% CI: 0.072
ρ
0.0
0.2
0.4
0.6
0.8
1.0
0
50
100
150
Library size
(i.e. testing ocean PDO_L3 as a cause of ocean PDO_L4)

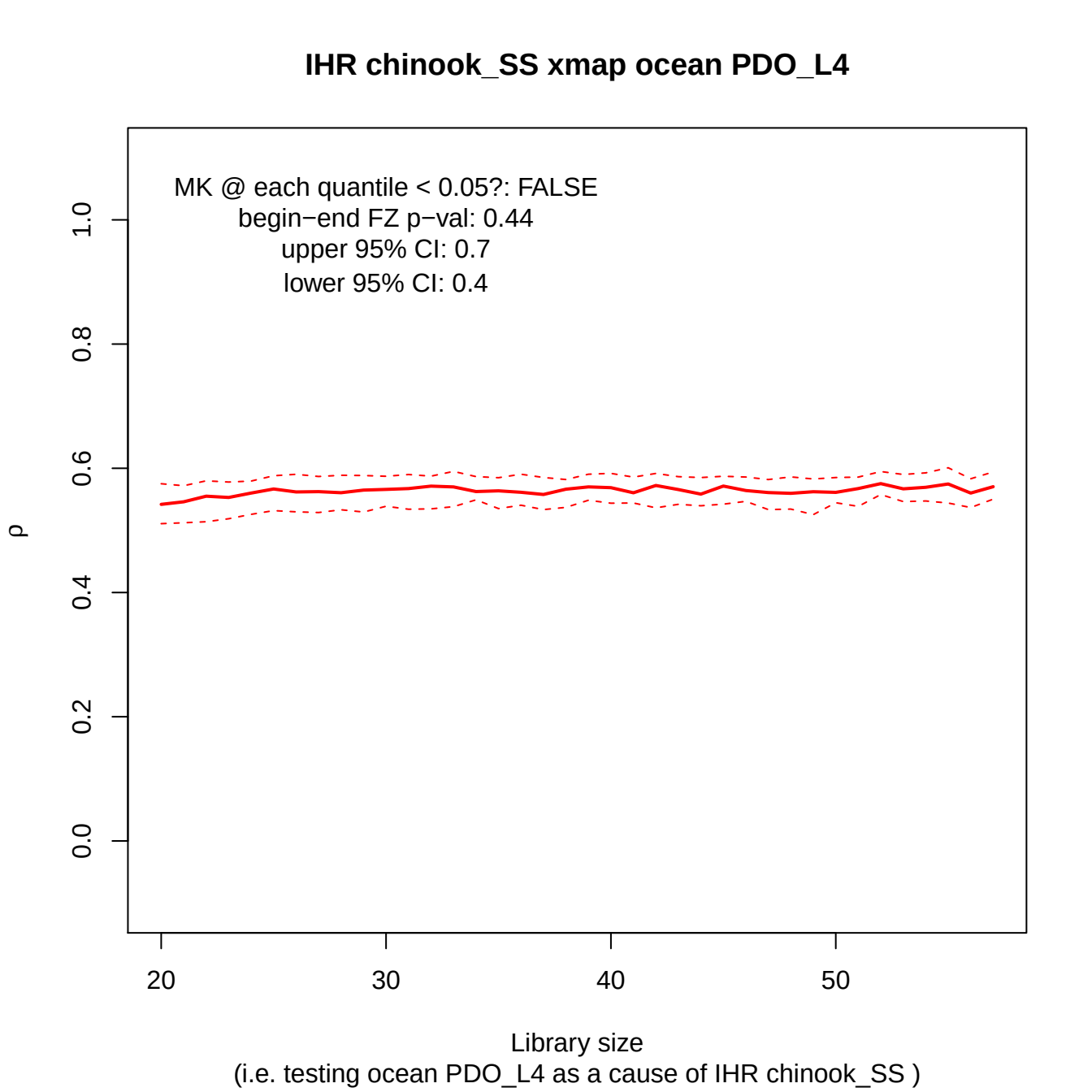

ocean PDO_L5 xmap ocean PDO_L3
each quantile < 0.05?: FALSE
egin−end FZ p−val: 0.49
upper 95% CI: 0.24
lower 95% CI: −0.015
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L3 as a cause of ocean PDO_L5)

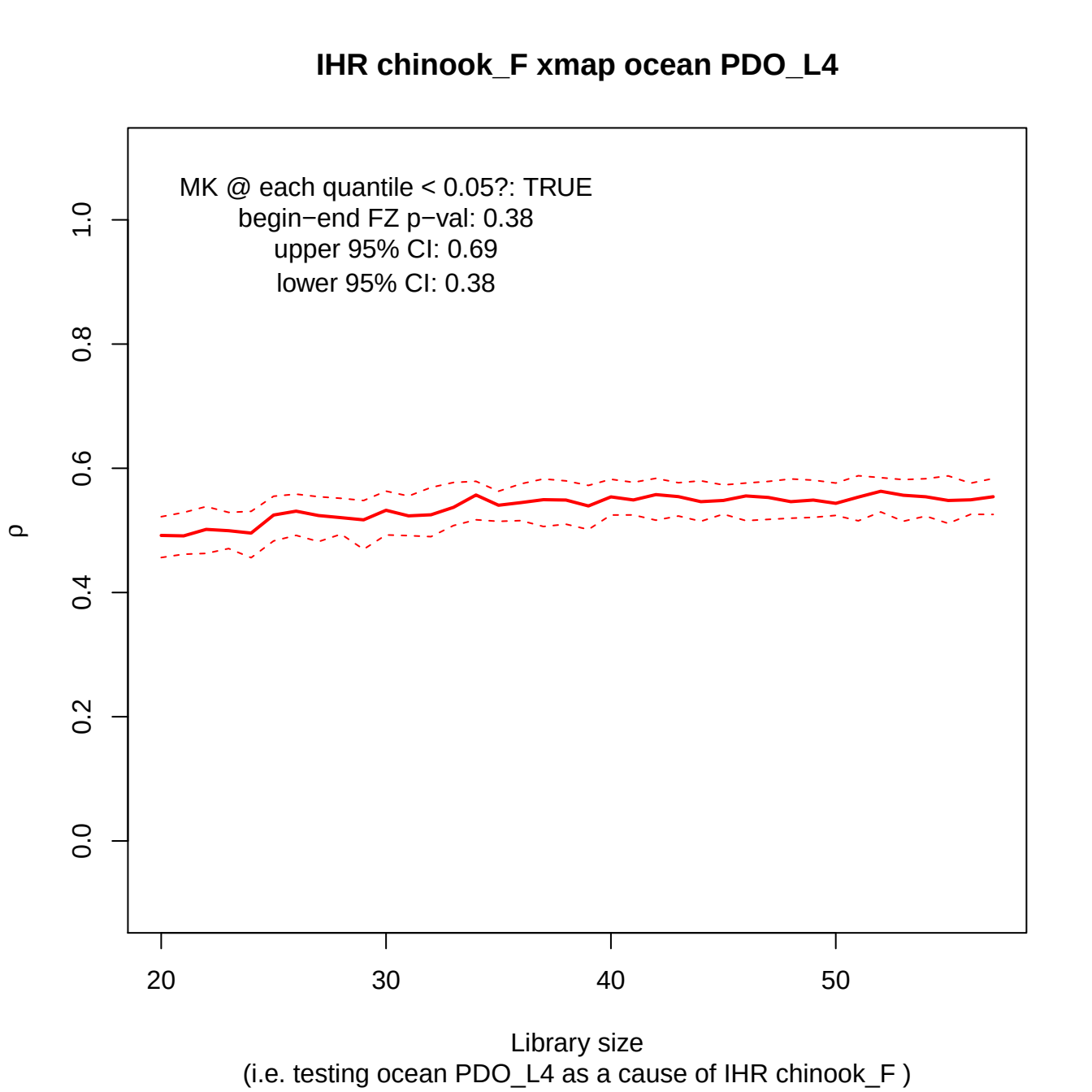

ocean PDO_L6 xmap ocean PDO_L3
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.36
upper 95% CI: 0.3
lower 95% CI: 0.045
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L3 as a cause of ocean PDO_L6)

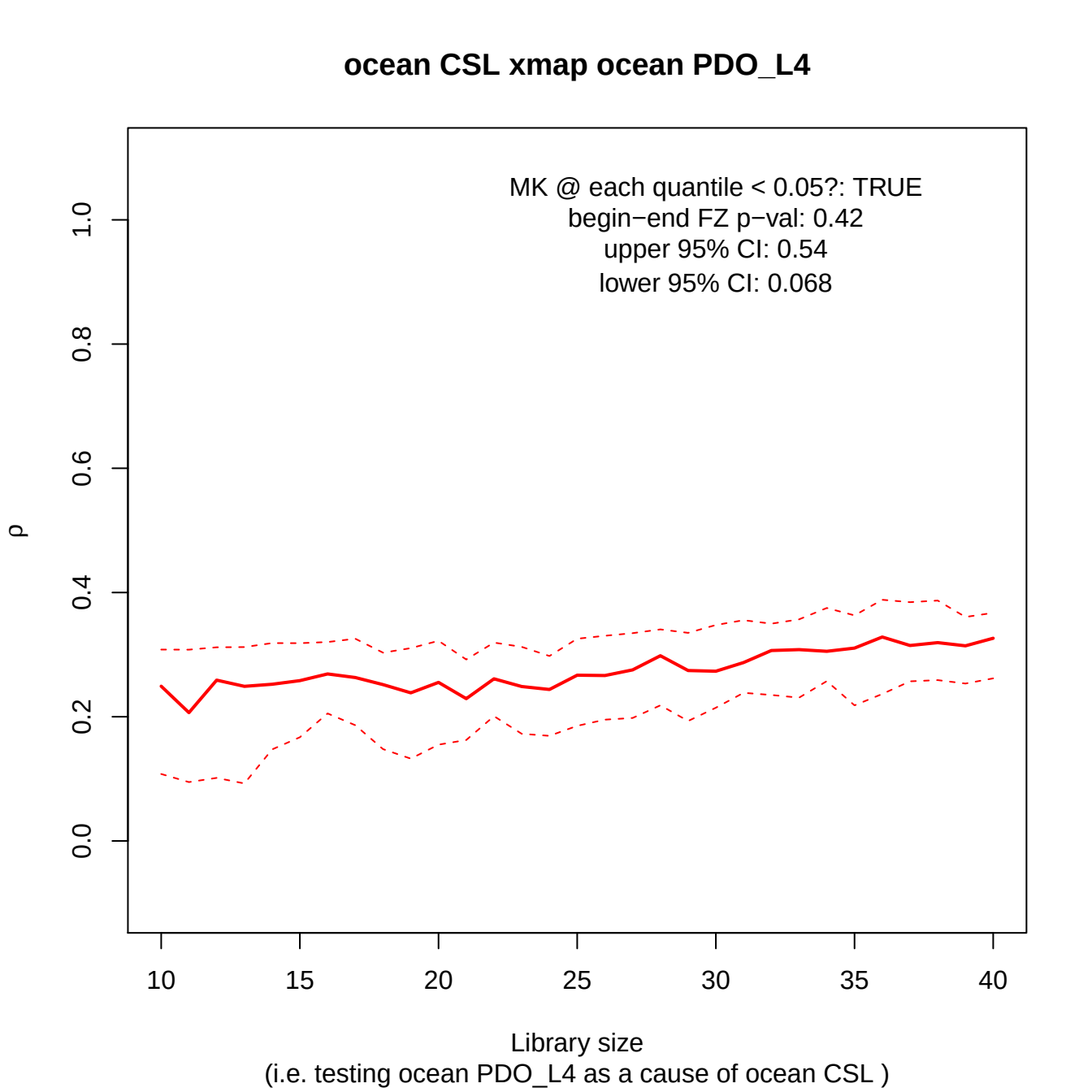

IHR coho xmap ocean PDO_L4
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.49
upper 95% CI: 0.54
lower 95% CI: 0.16
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L4 as a cause of IHR coho)

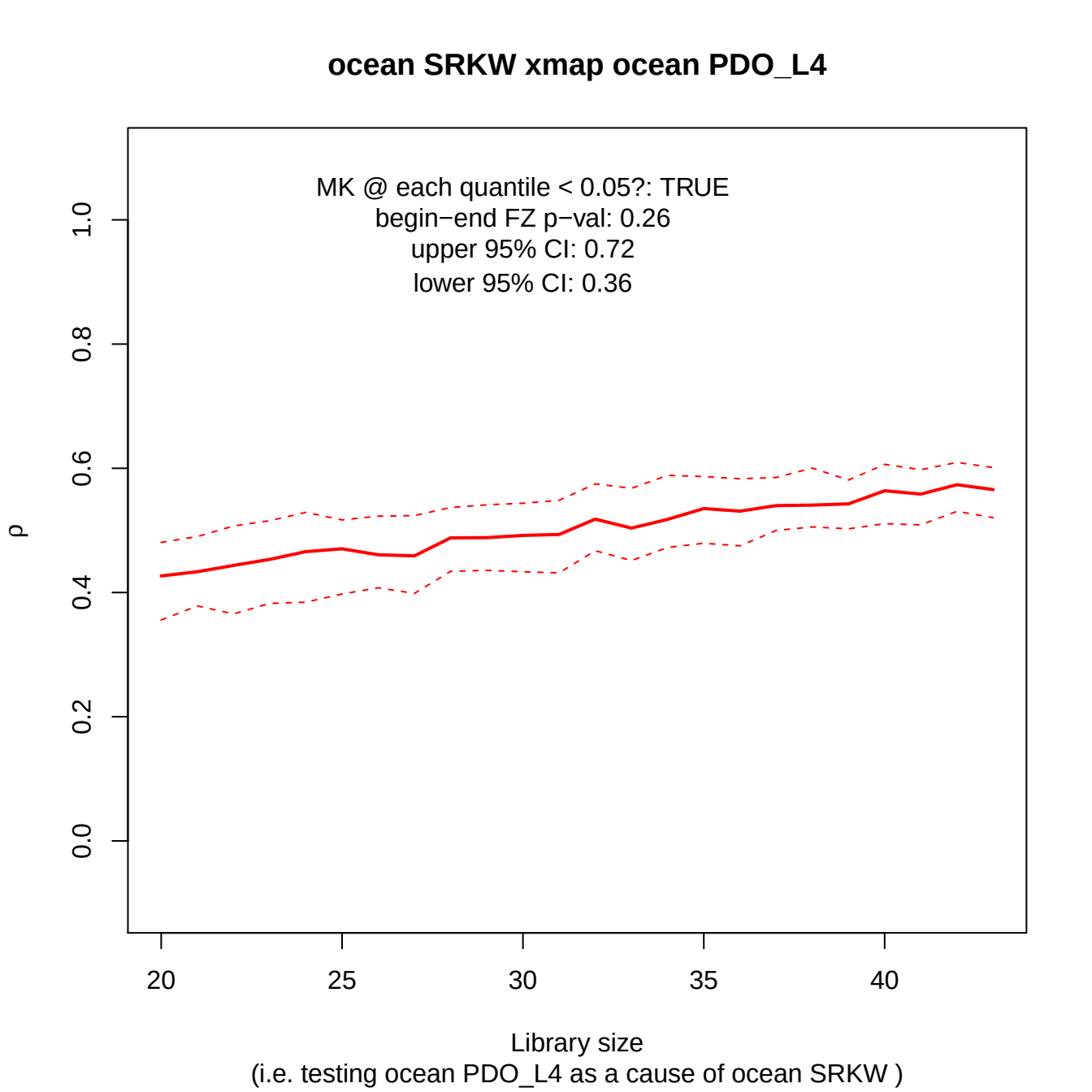

IHR steelhead xmap ocean PDO_L4
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.39
upper 95% CI: 0.46
lower 95% CI: 0.049
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
20
30
40
50
Library size
(i.e. testing ocean PDO_L4 as a cause of IHR steelhead)

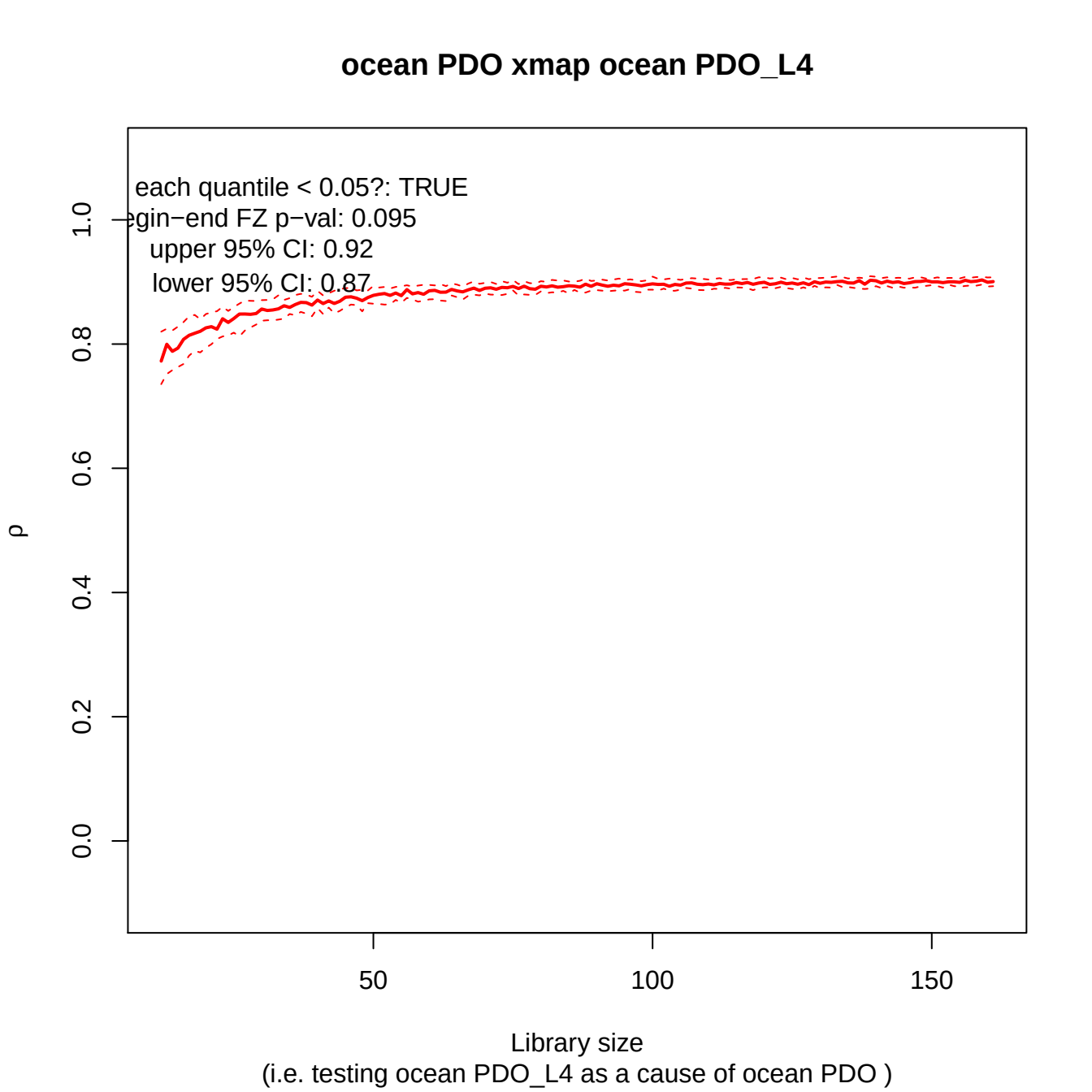

IHR sockeye xmap ocean PDO_L4
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.35
upper 95% CI: 0.56
lower 95% CI: 0.18
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L4 as a cause of IHR sockeye)

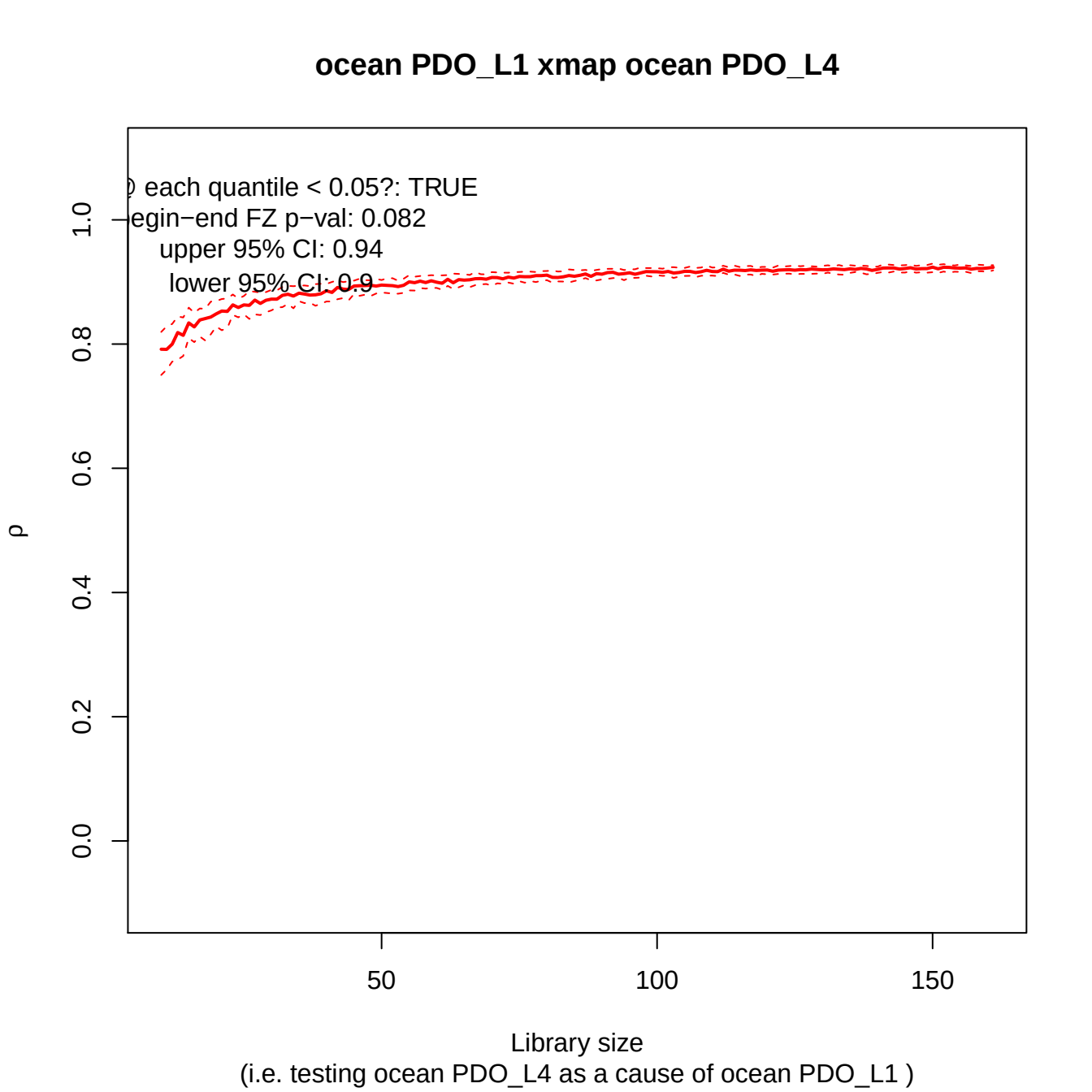

IHR chinook_SS xmap ocean PDO_L4
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.44
upper 95% CI: 0.7
lower 95% CI: 0.4
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L4 as a cause of IHR chinook_SS)

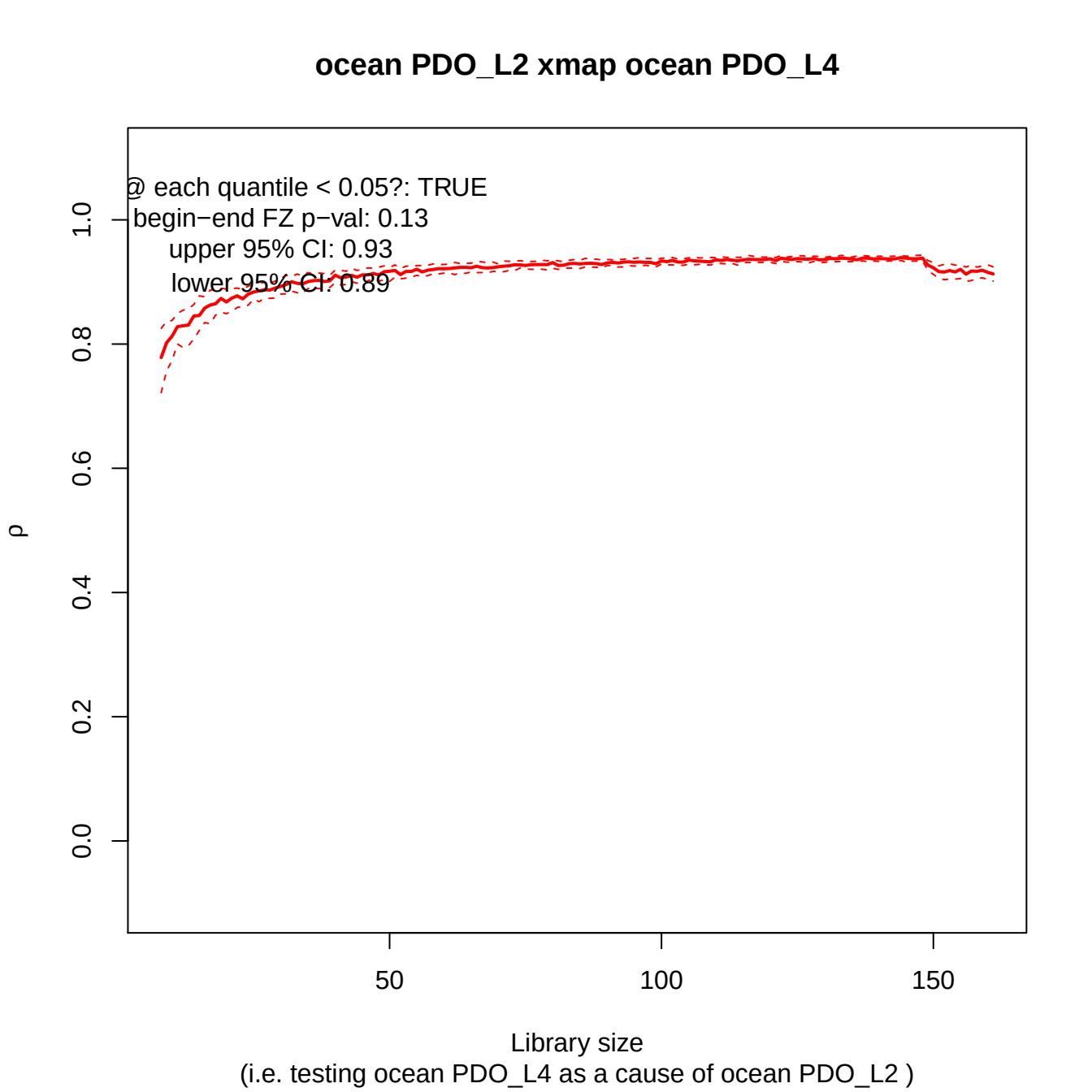

IHR chinook_F xmap ocean PDO_L4
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.38
upper 95% CI: 0.69
lower 95% CI: 0.38
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L4 as a cause of IHR chinook_F)

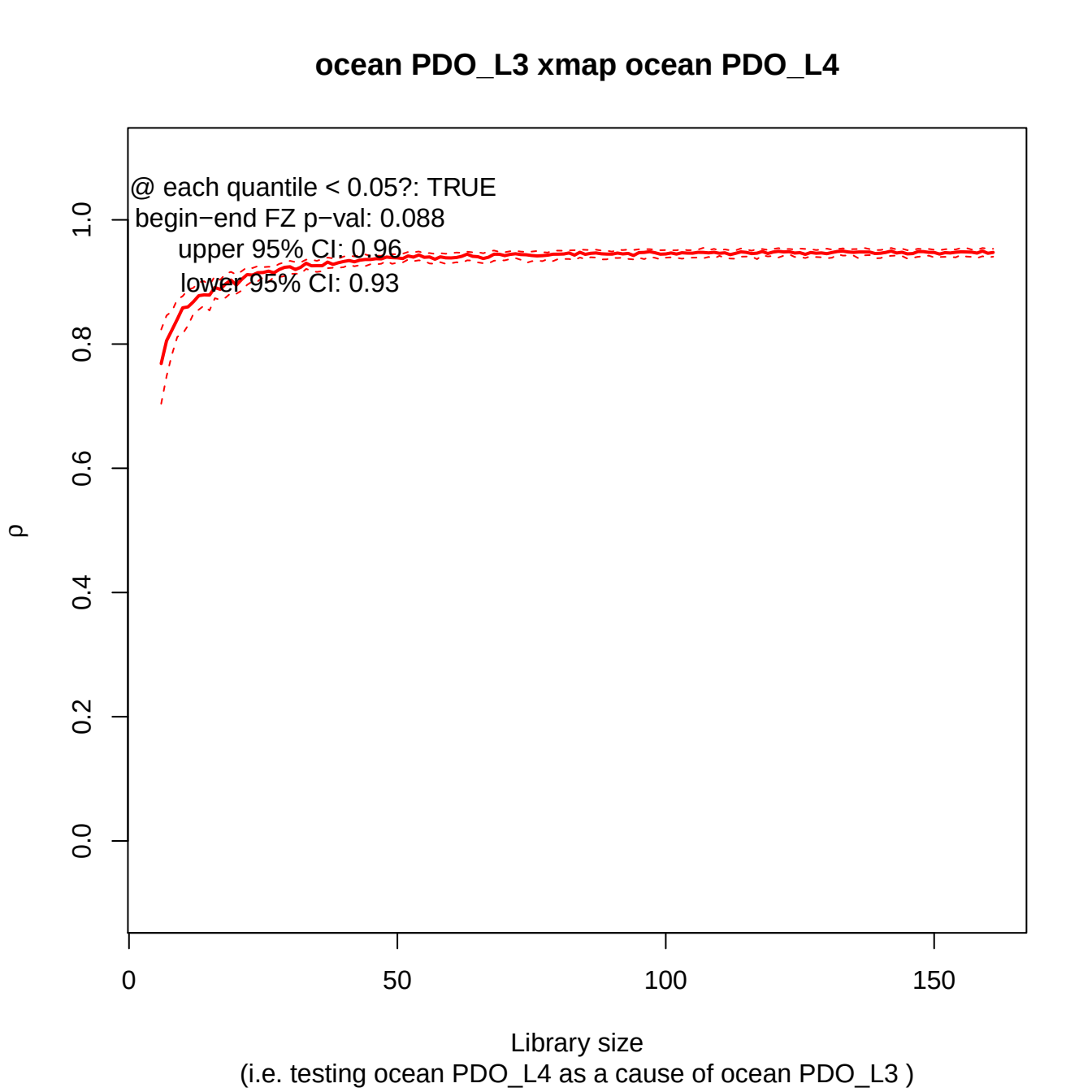

ocean CSL xmap ocean PDO_L4
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.42
upper 95% CI: 0.54
lower 95% CI: 0.068
ρ
0.0
0.2
0.4
0.6
0.8
1.0
10
15
20
25
30
35
40
Library size
(i.e. testing ocean PDO_L4 as a cause of ocean CSL)

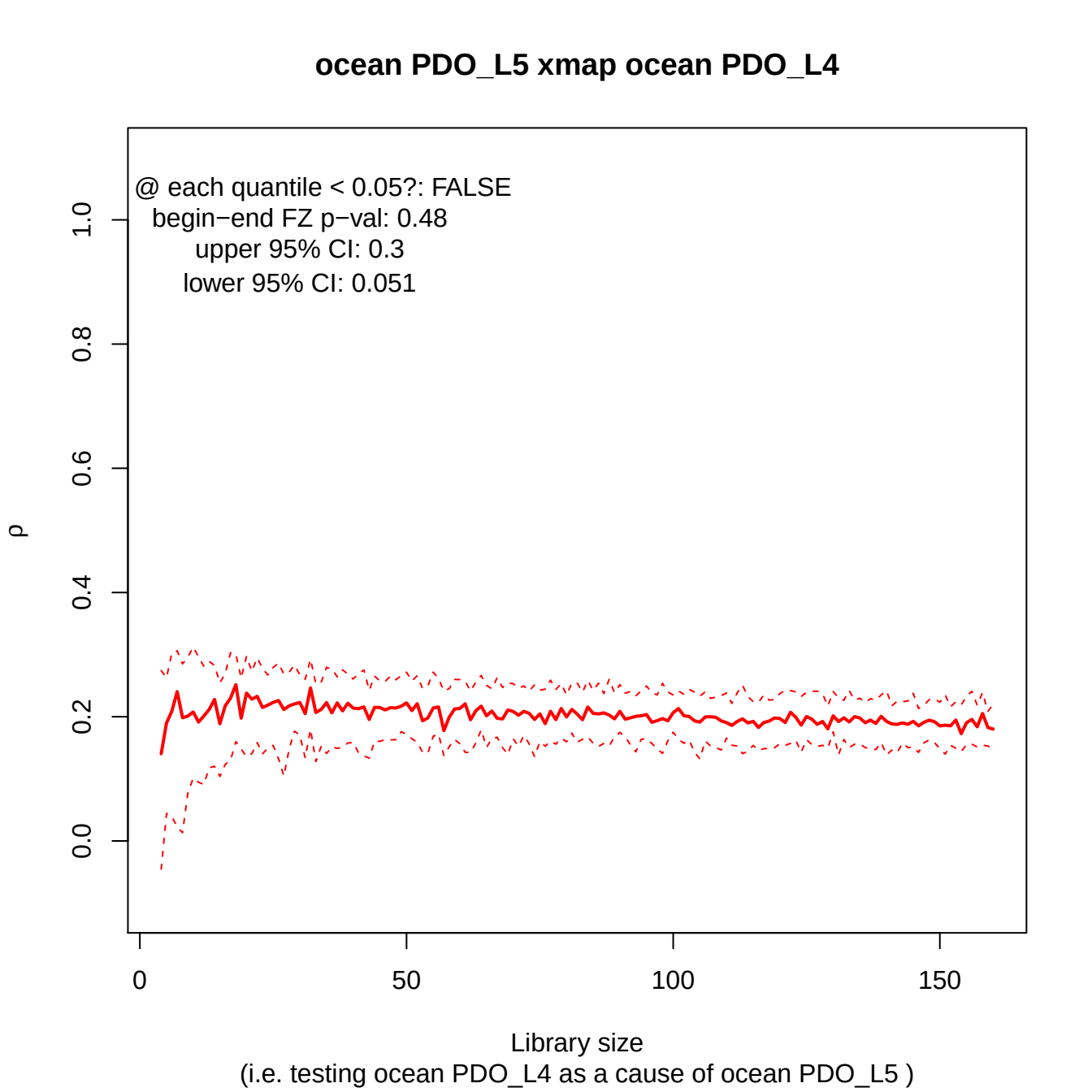

ocean SRKW xmap ocean PDO_L4
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.26
upper 95% CI: 0.72
lower 95% CI: 0.36
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean PDO_L4 as a cause of ocean SRKW)

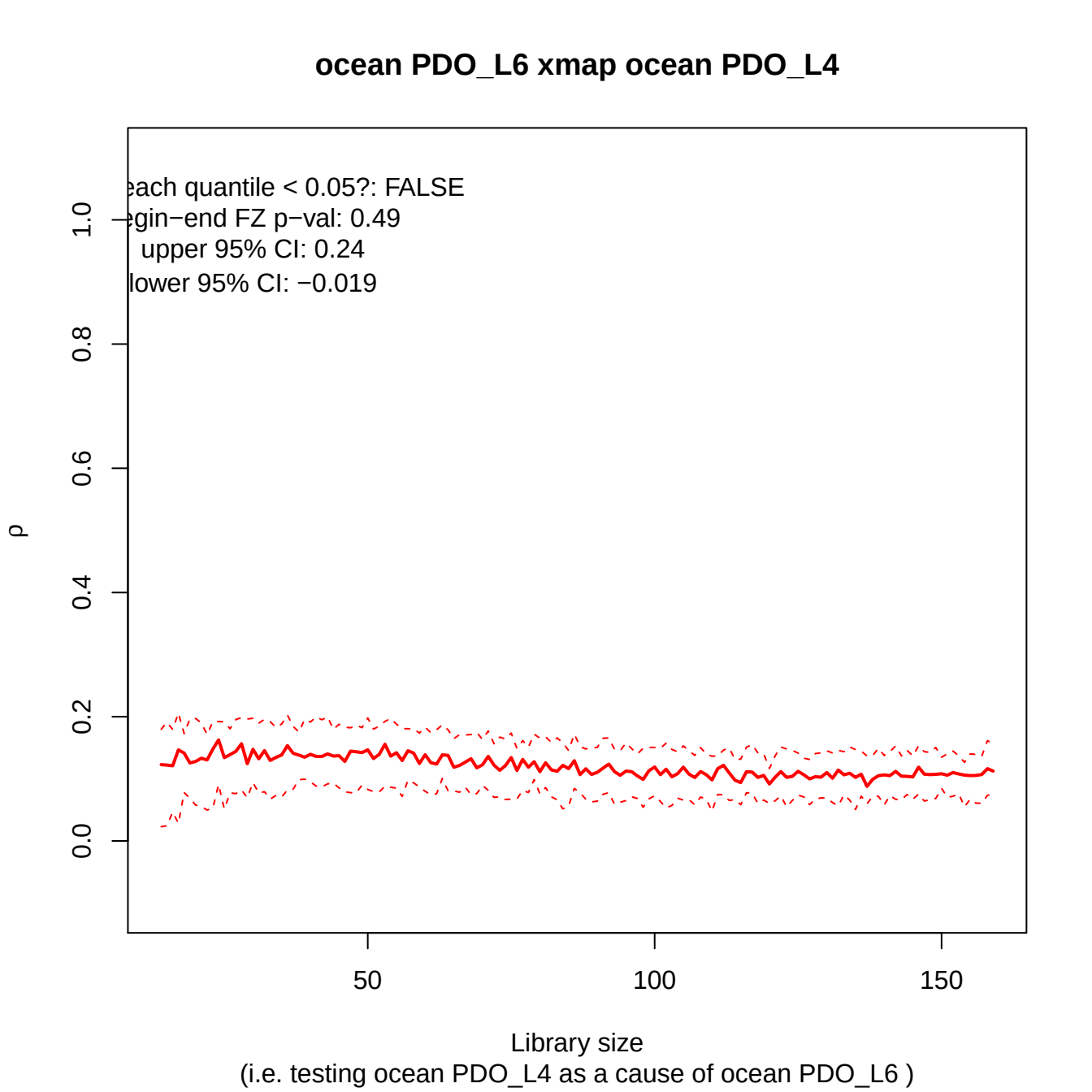

ocean PDO xmap ocean PDO_L4
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.095
upper 95% CI: 0.92
lower 95% CI: 0.87
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L4 as a cause of ocean PDO)

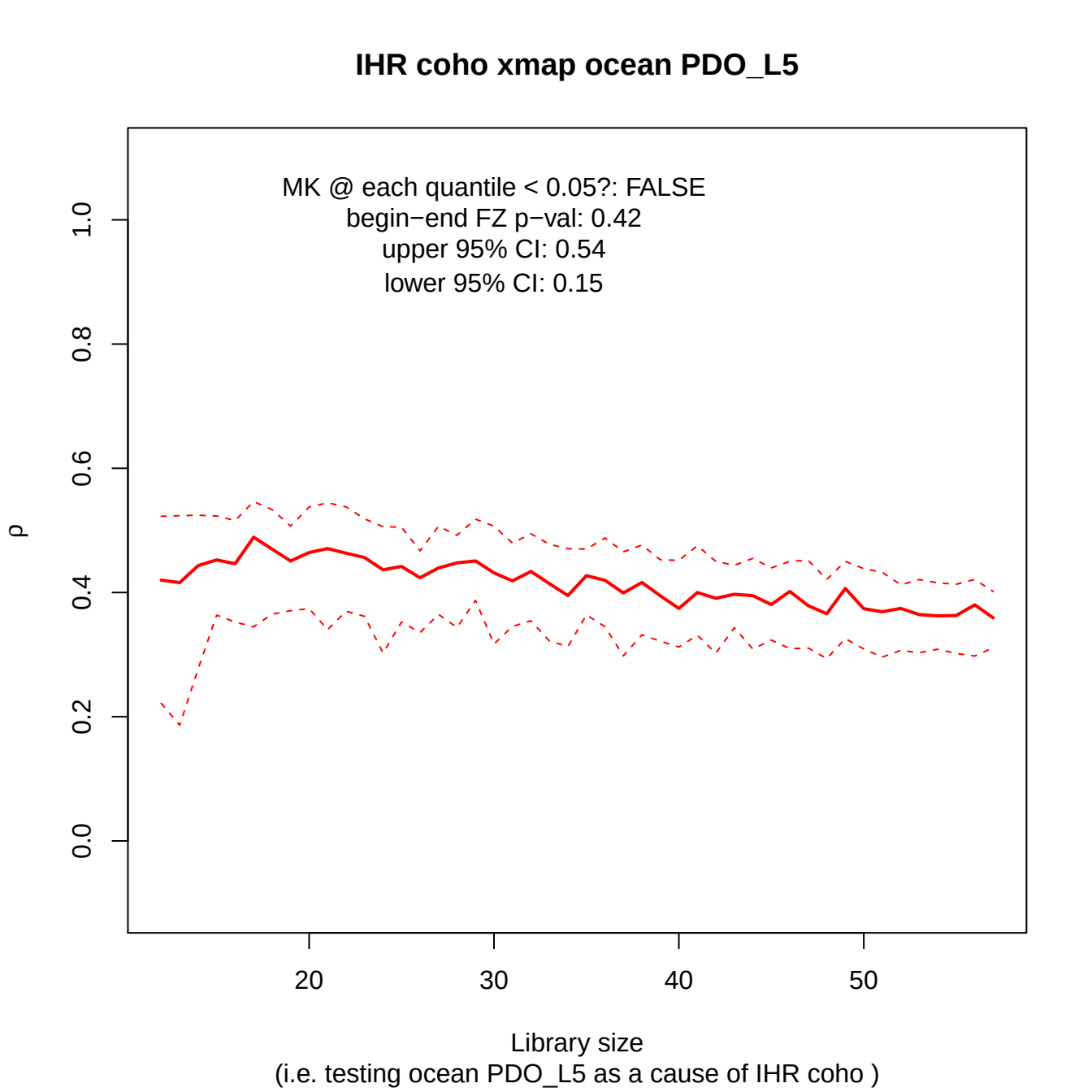

ocean PDO_L1 xmap ocean PDO_L4
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.082
upper 95% CI: 0.94
lower 95% CI: 0.9
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L4 as a cause of ocean PDO_L1)

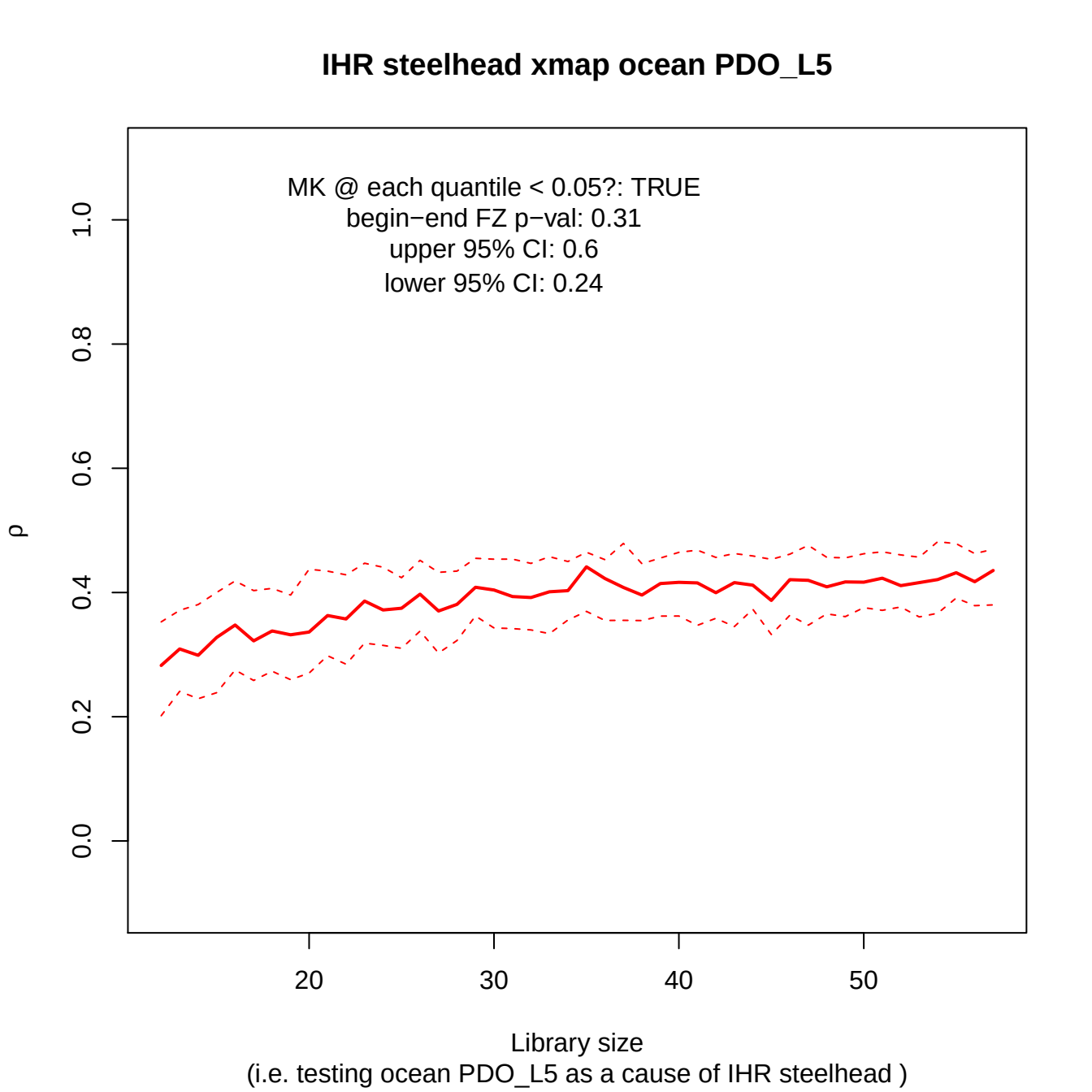

ocean PDO_L2 xmap ocean PDO_L4
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.13
upper 95% CI: 0.93
lower 95% CI: 0.89
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L4 as a cause of ocean PDO_L2)

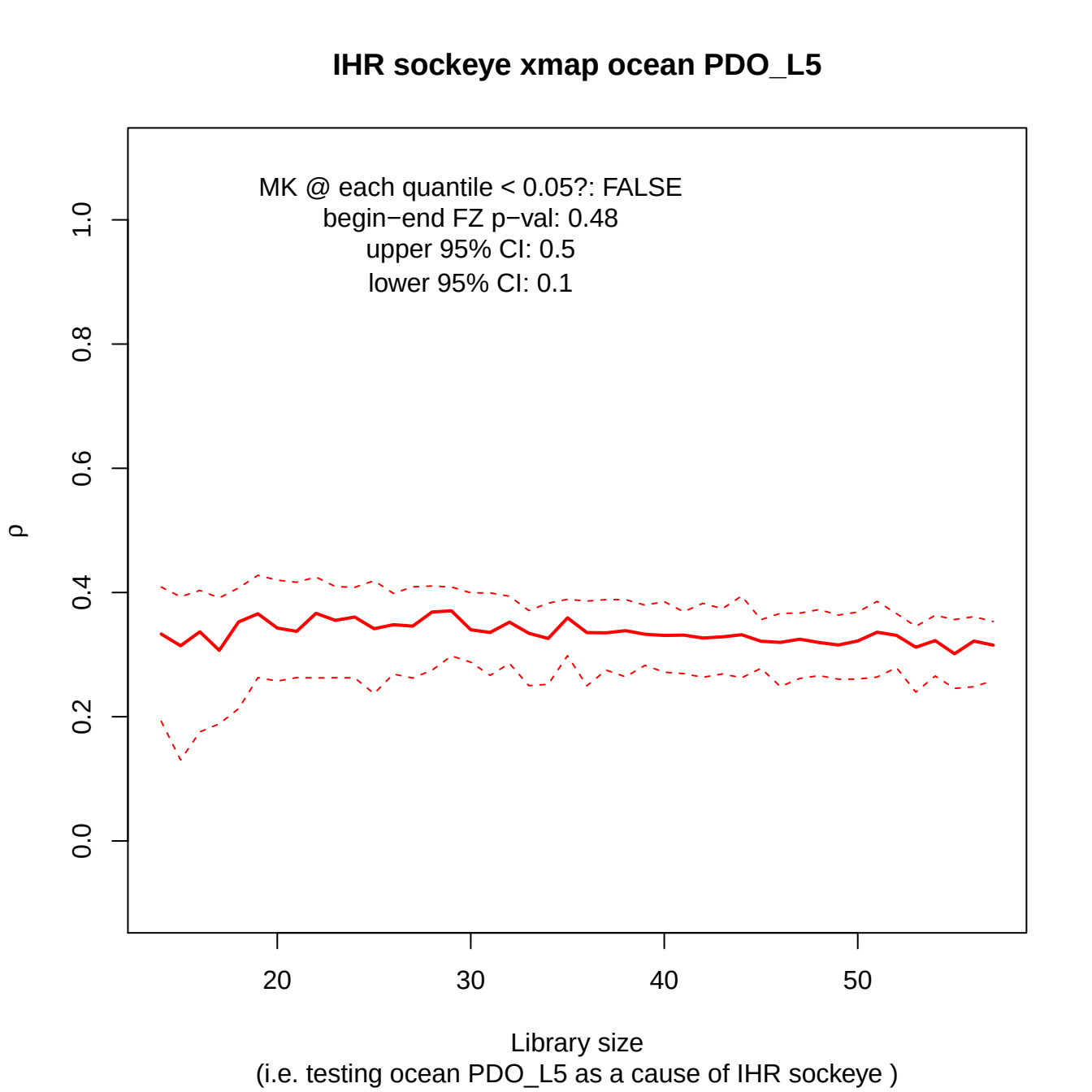

ocean PDO_L3 xmap ocean PDO_L4
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.088
upper 95% CI: 0.96
lower 95% CI: 0.93
ρ
0.0
0.2
0.4
0.6
0.8
1.0
0
50
100
150
Library size
(i.e. testing ocean PDO_L4 as a cause of ocean PDO_L3)

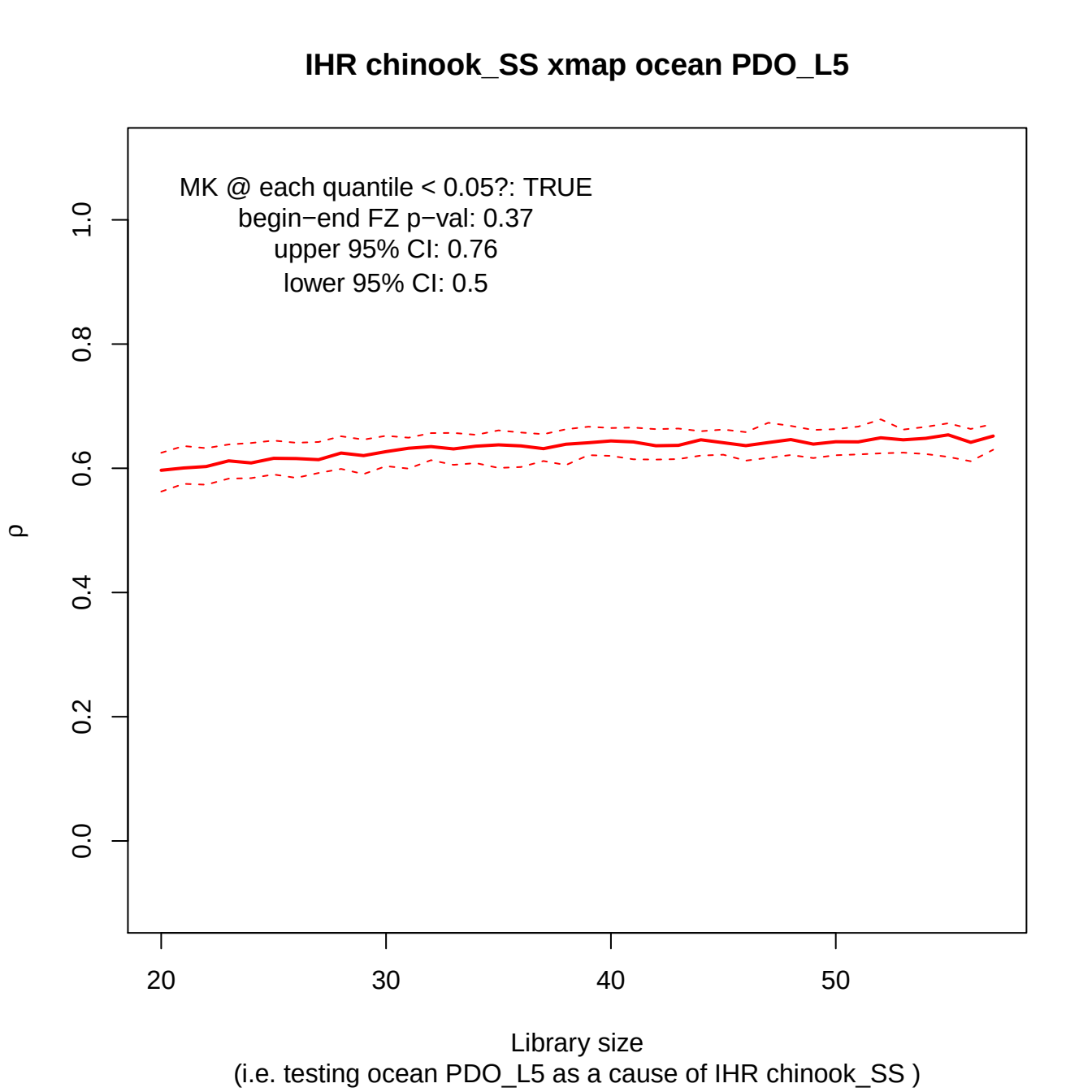

ocean PDO_L5 xmap ocean PDO_L4
@ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.48
upper 95% CI: 0.3
lower 95% CI: 0.051
ρ
1.0
0.8
0.6
0.4
0.2
0.0
0
50
100
150
Library size
(i.e. testing ocean PDO_L4 as a cause of ocean PDO_L5)

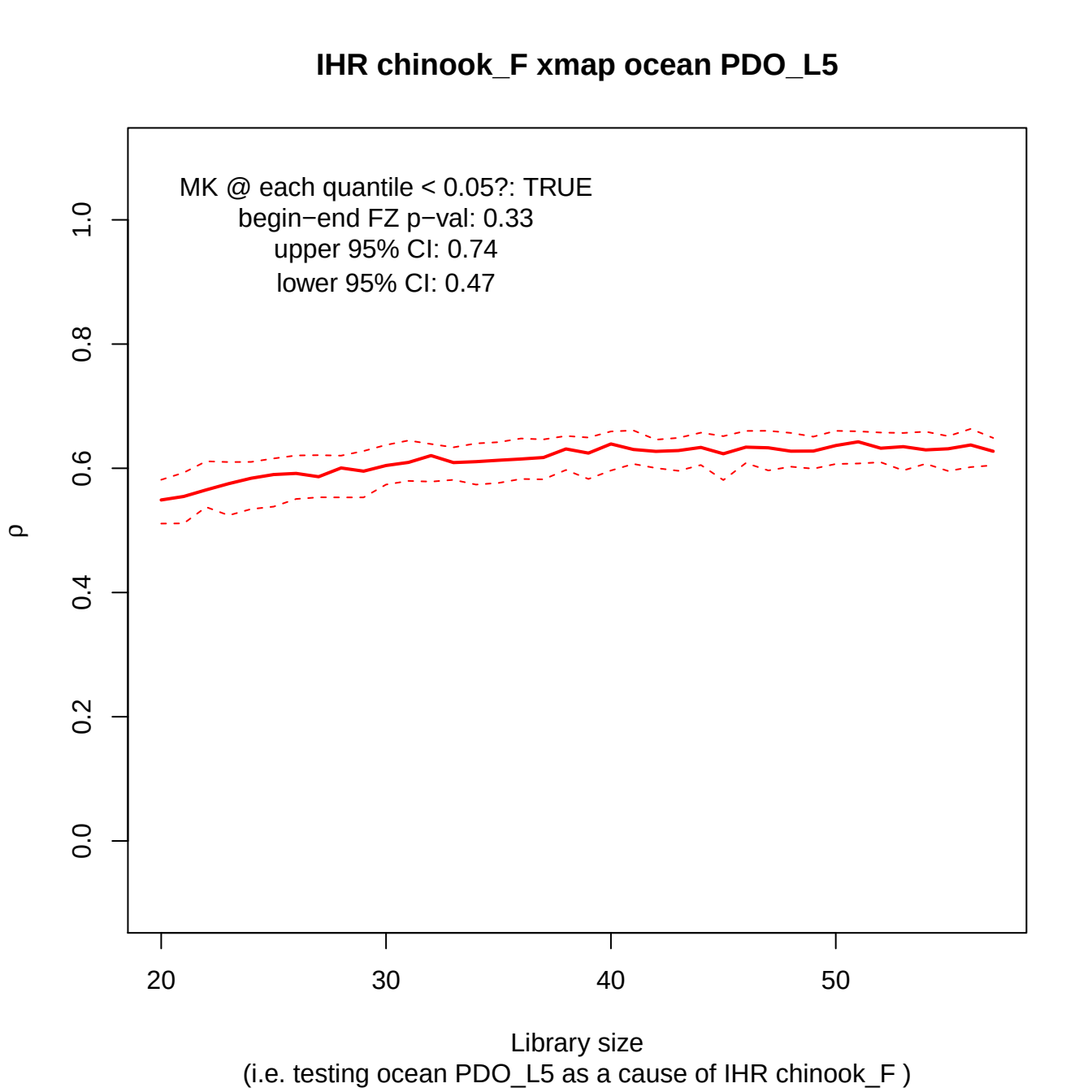

ocean PDO_L6 xmap ocean PDO_L4
each quantile < 0.05?: FALSE
egin−end FZ p−val: 0.49
upper 95% CI: 0.24
lower 95% CI: −0.019
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L4 as a cause of ocean PDO_L6)

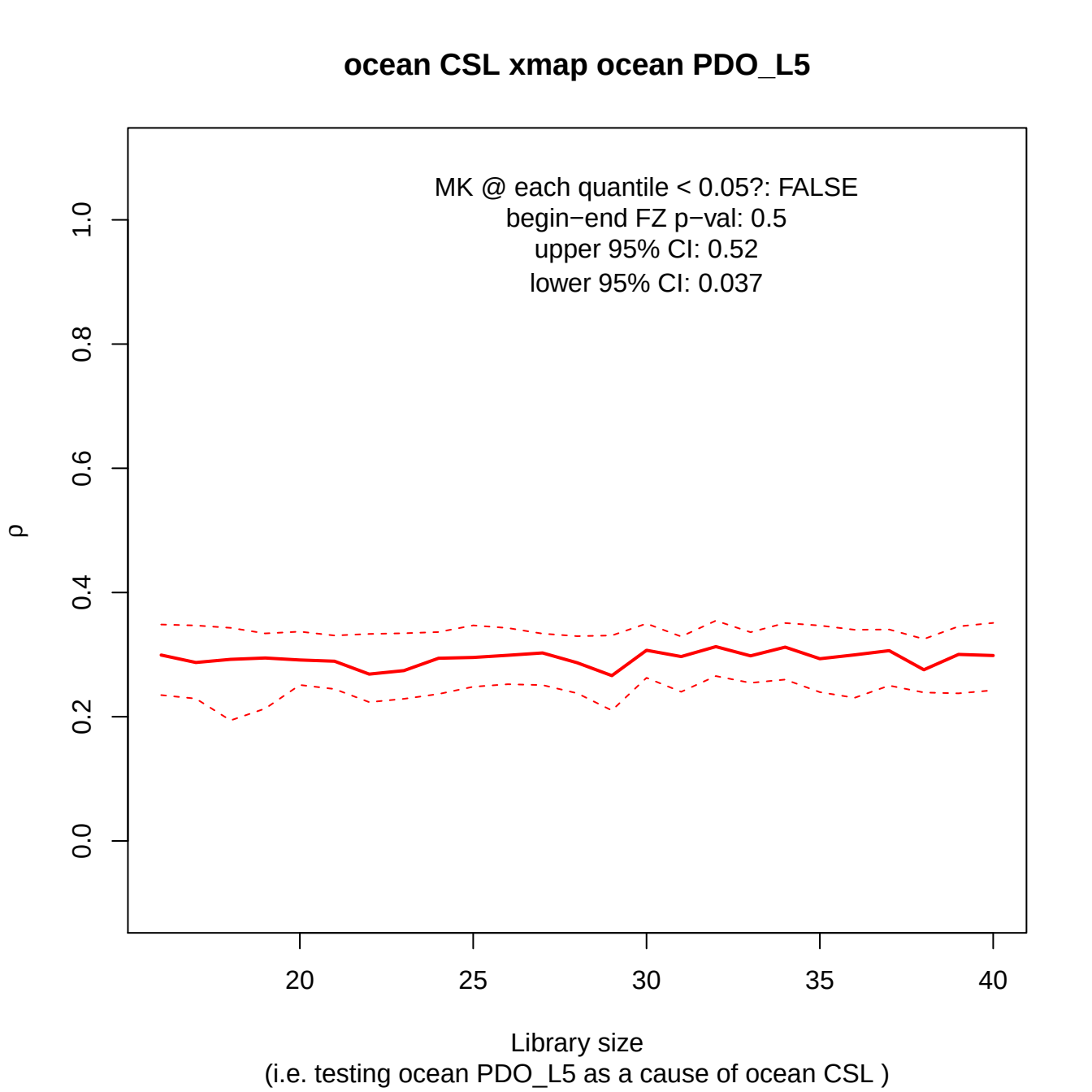

IHR coho xmap ocean PDO_L5
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.42
upper 95% CI: 0.54
lower 95% CI: 0.15
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L5 as a cause of IHR coho)

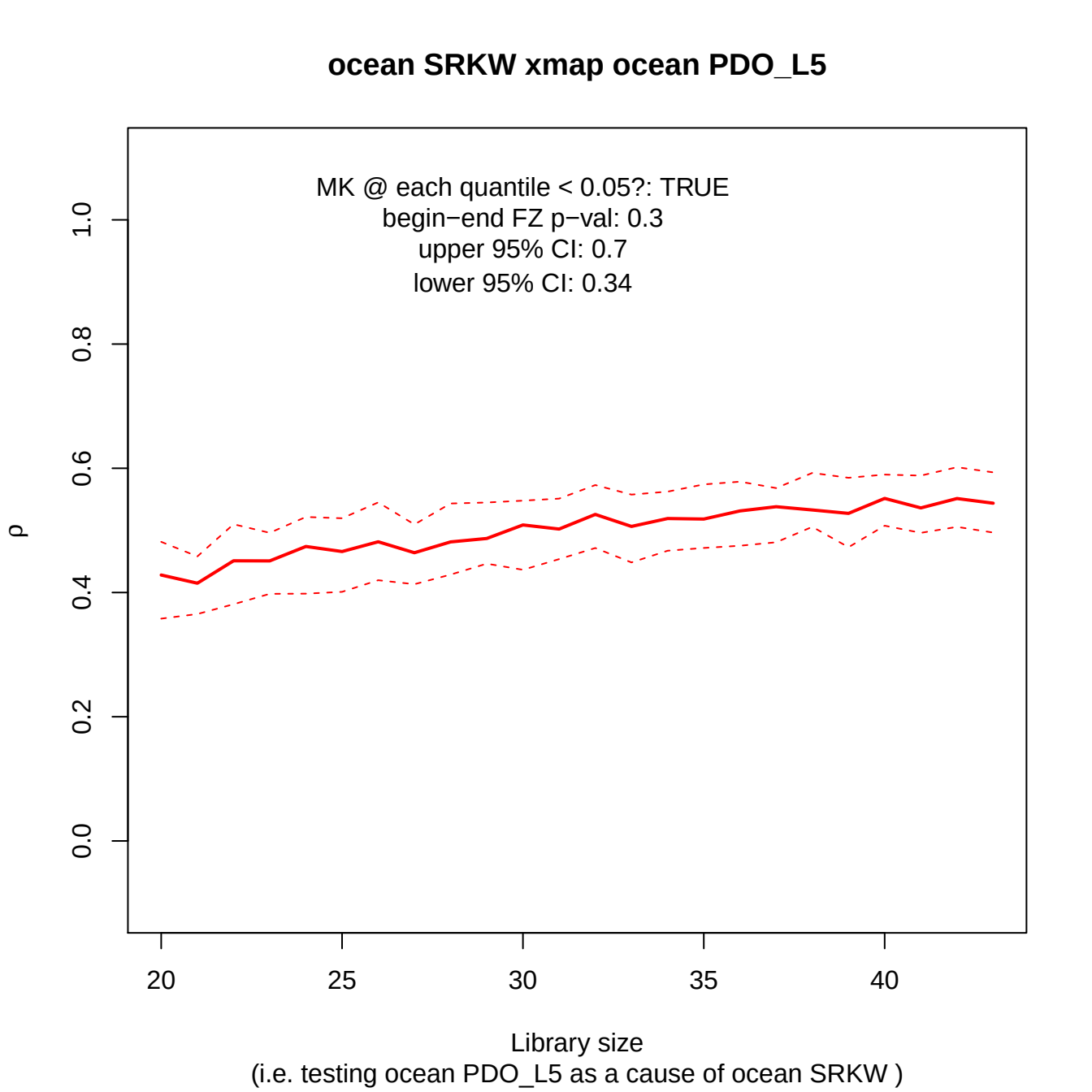

IHR steelhead xmap ocean PDO_L5
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.31
upper 95% CI: 0.6
lower 95% CI: 0.24
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L5 as a cause of IHR steelhead)

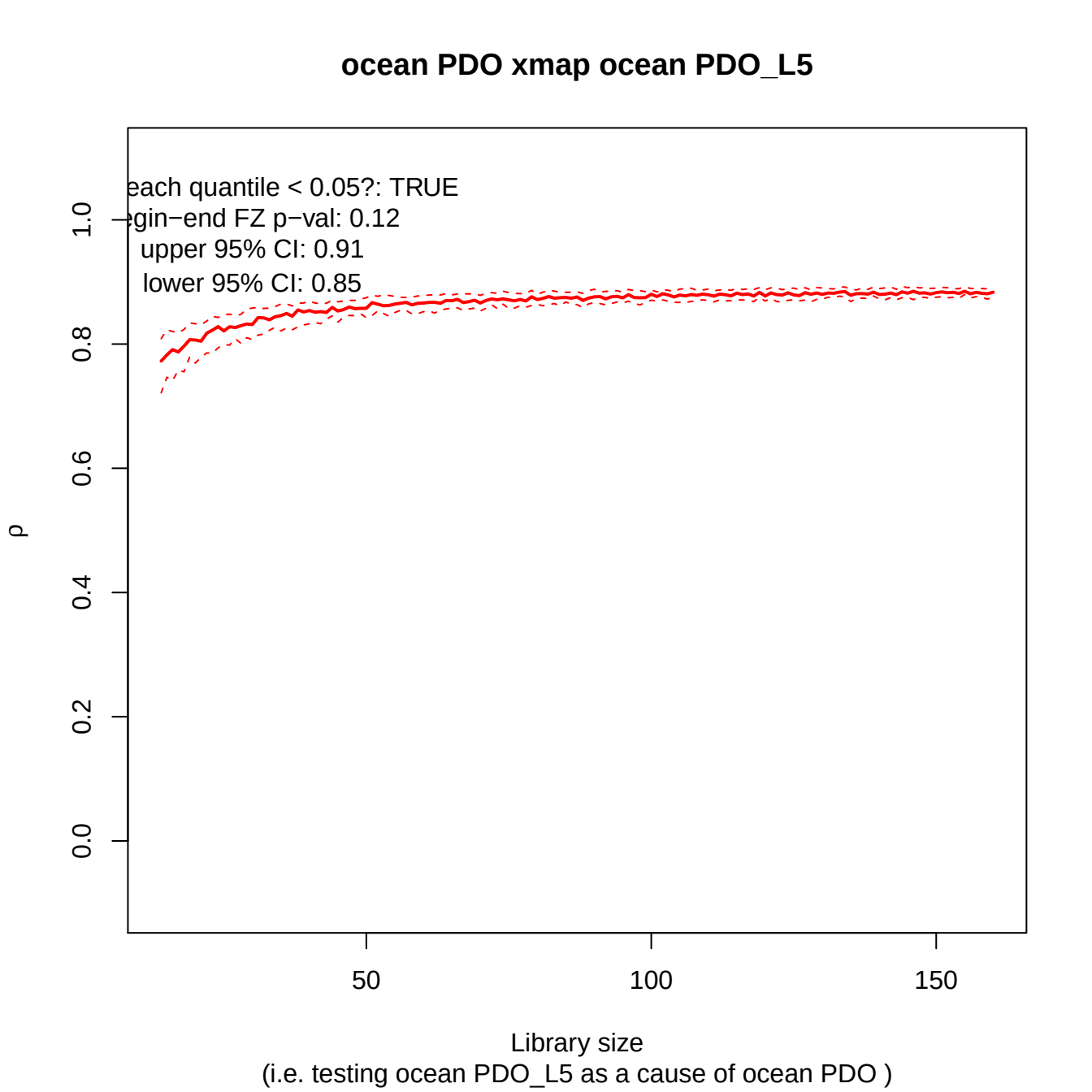

IHR sockeye xmap ocean PDO_L5
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.48
upper 95% CI: 0.5
lower 95% CI: 0.1
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L5 as a cause of IHR sockeye)

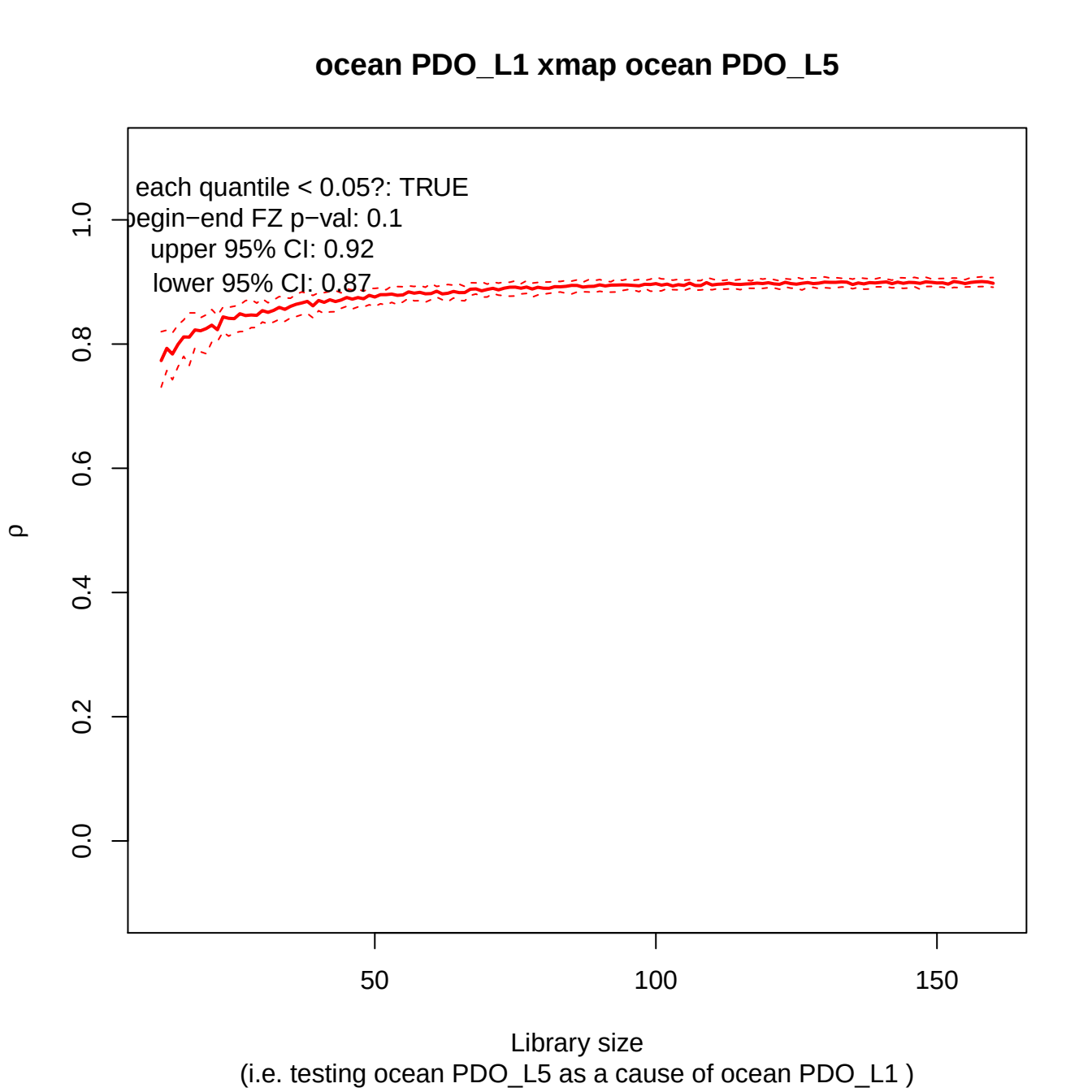

IHR chinook_SS xmap ocean PDO_L5
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.37
upper 95% CI: 0.76
lower 95% CI: 0.5
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L5 as a cause of IHR chinook_SS)

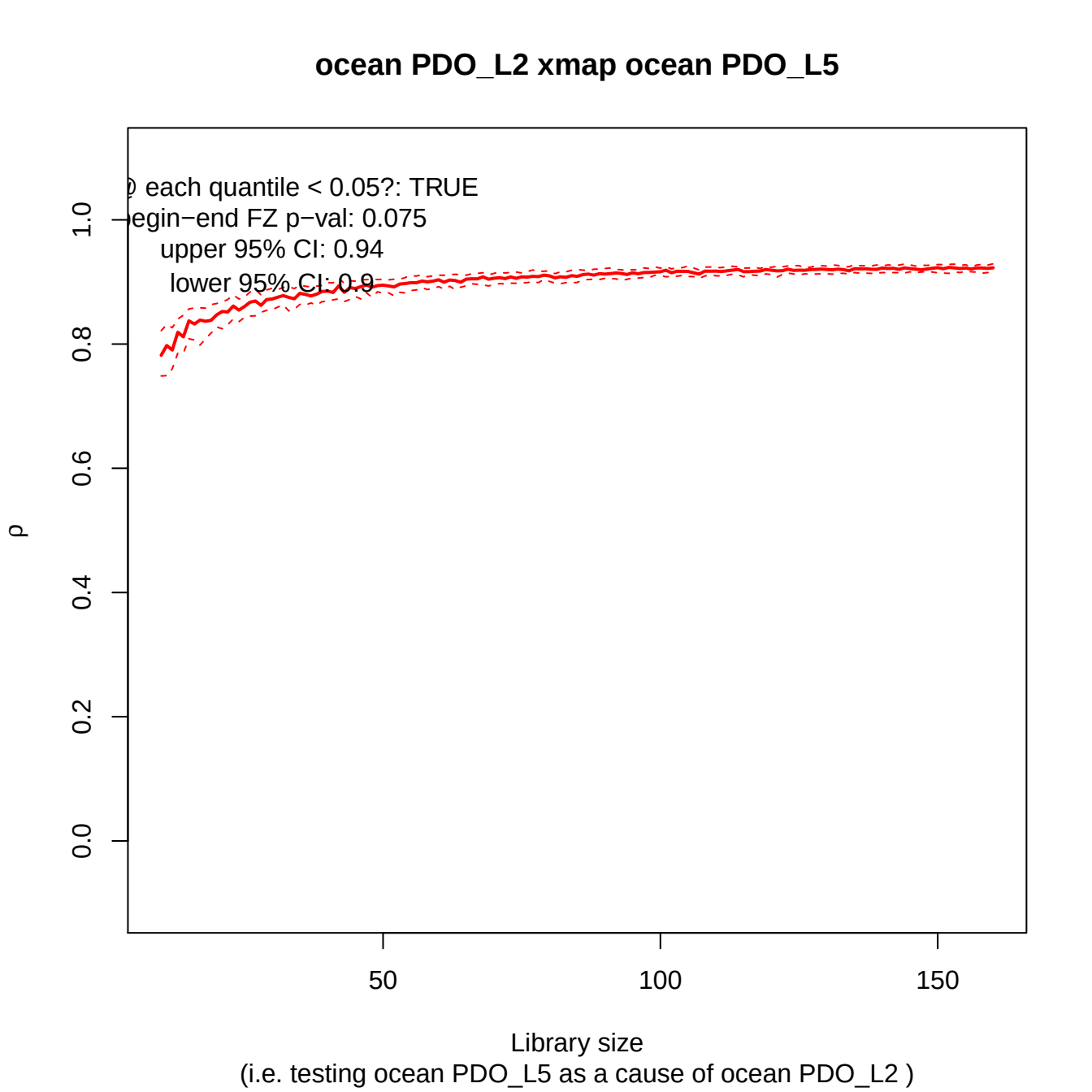

IHR chinook_F xmap ocean PDO_L5
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.33
upper 95% CI: 0.74
lower 95% CI: 0.47
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L5 as a cause of IHR chinook_F)

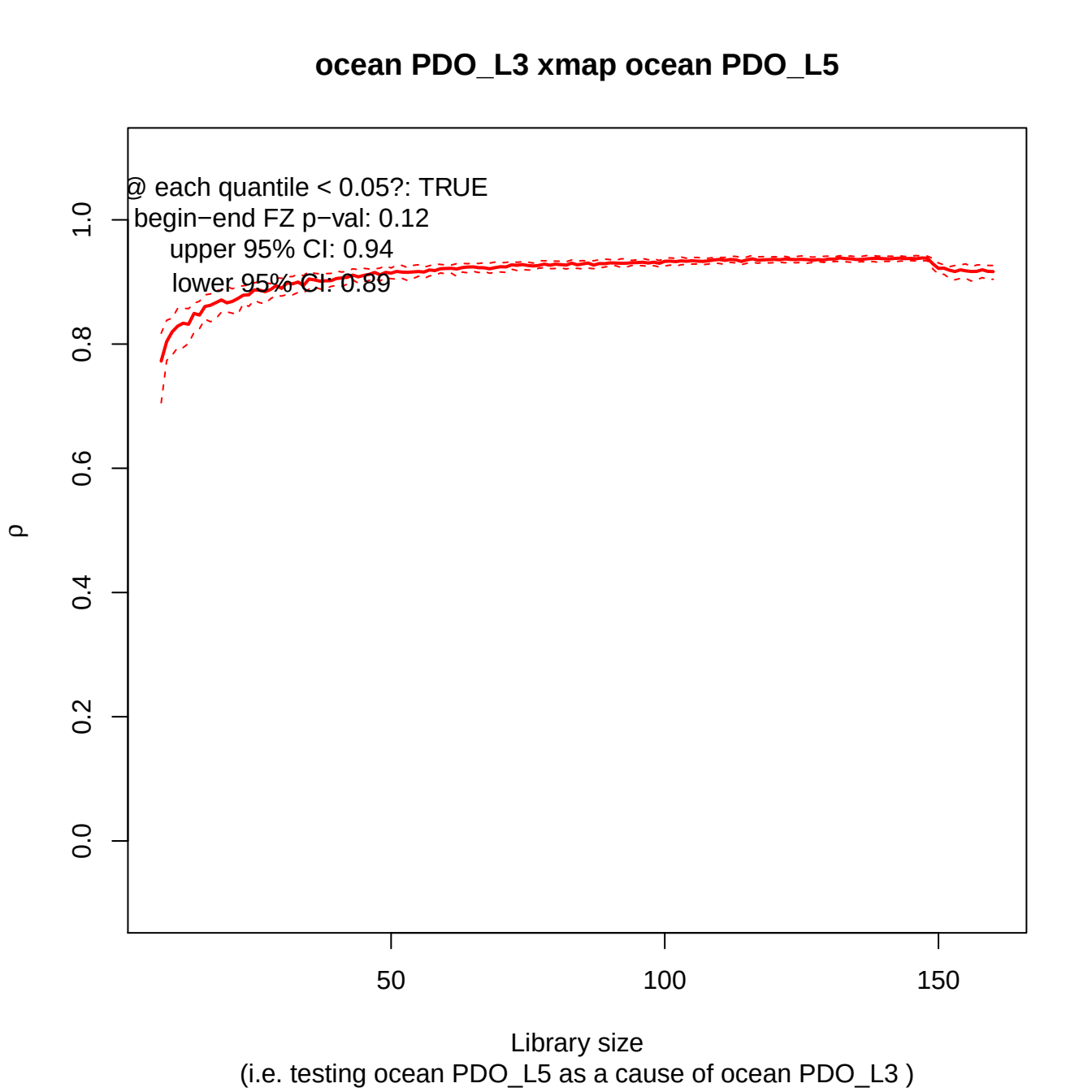

ocean CSL xmap ocean PDO_L5
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.5
upper 95% CI: 0.52
lower 95% CI: 0.037
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean PDO_L5 as a cause of ocean CSL)

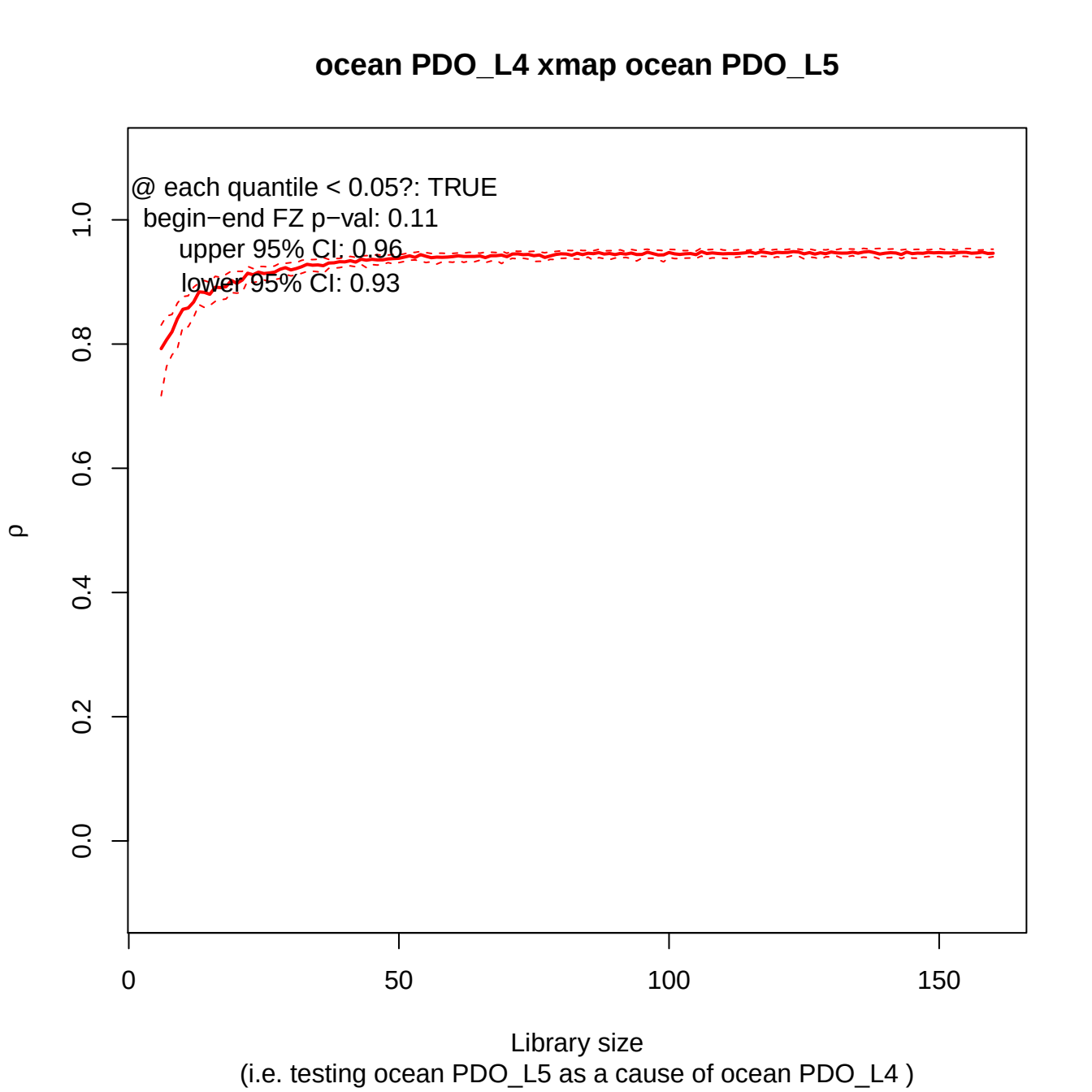

ocean SRKW xmap ocean PDO_L5
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.3
upper 95% CI: 0.7
lower 95% CI: 0.34
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean PDO_L5 as a cause of ocean SRKW)

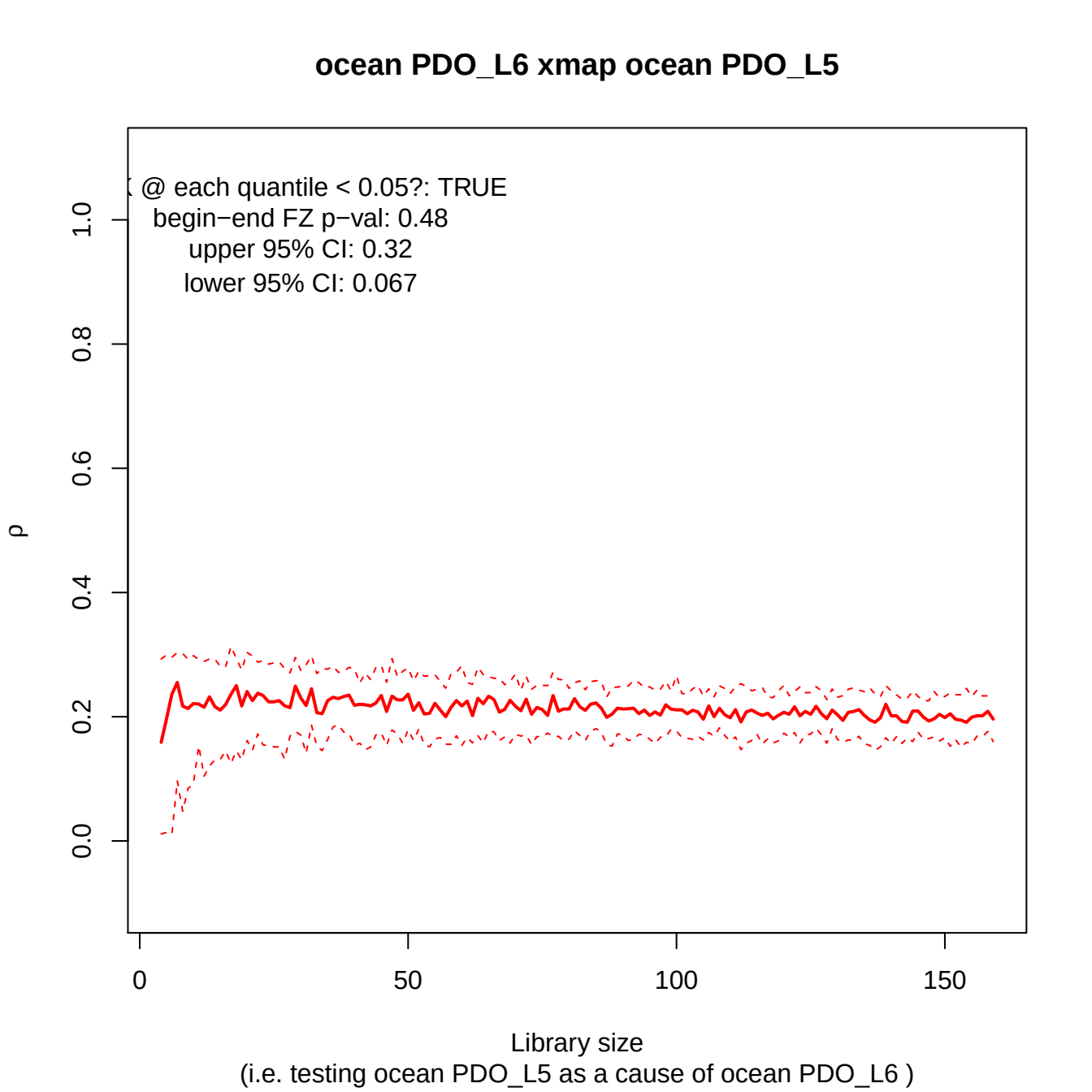

ocean PDO xmap ocean PDO_L5
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.12
upper 95% CI: 0.91
lower 95% CI: 0.85
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L5 as a cause of ocean PDO)

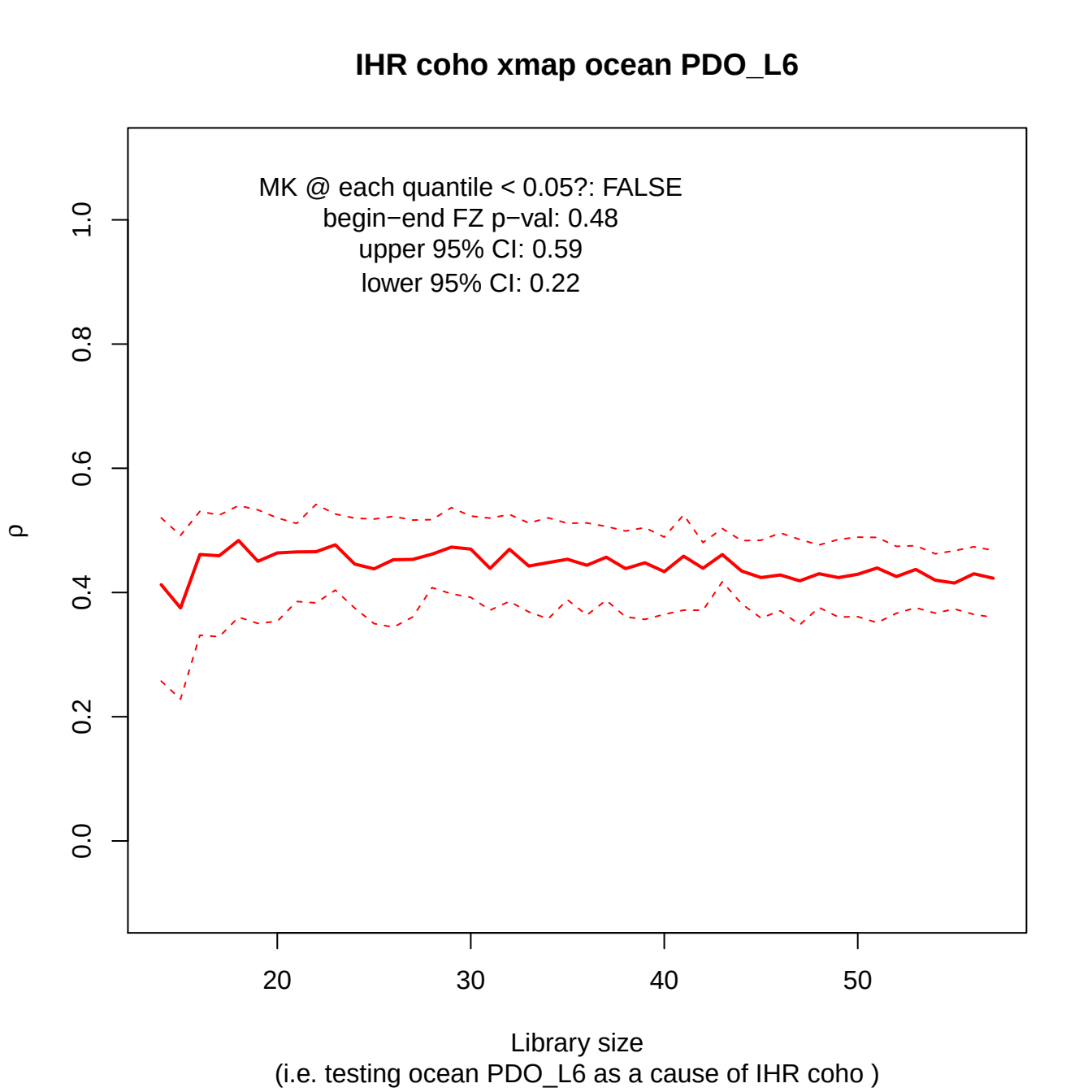

ocean PDO_L1 xmap ocean PDO_L5
each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.1
upper 95% CI: 0.92
lower 95% CI: 0.87
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L5 as a cause of ocean PDO_L1)

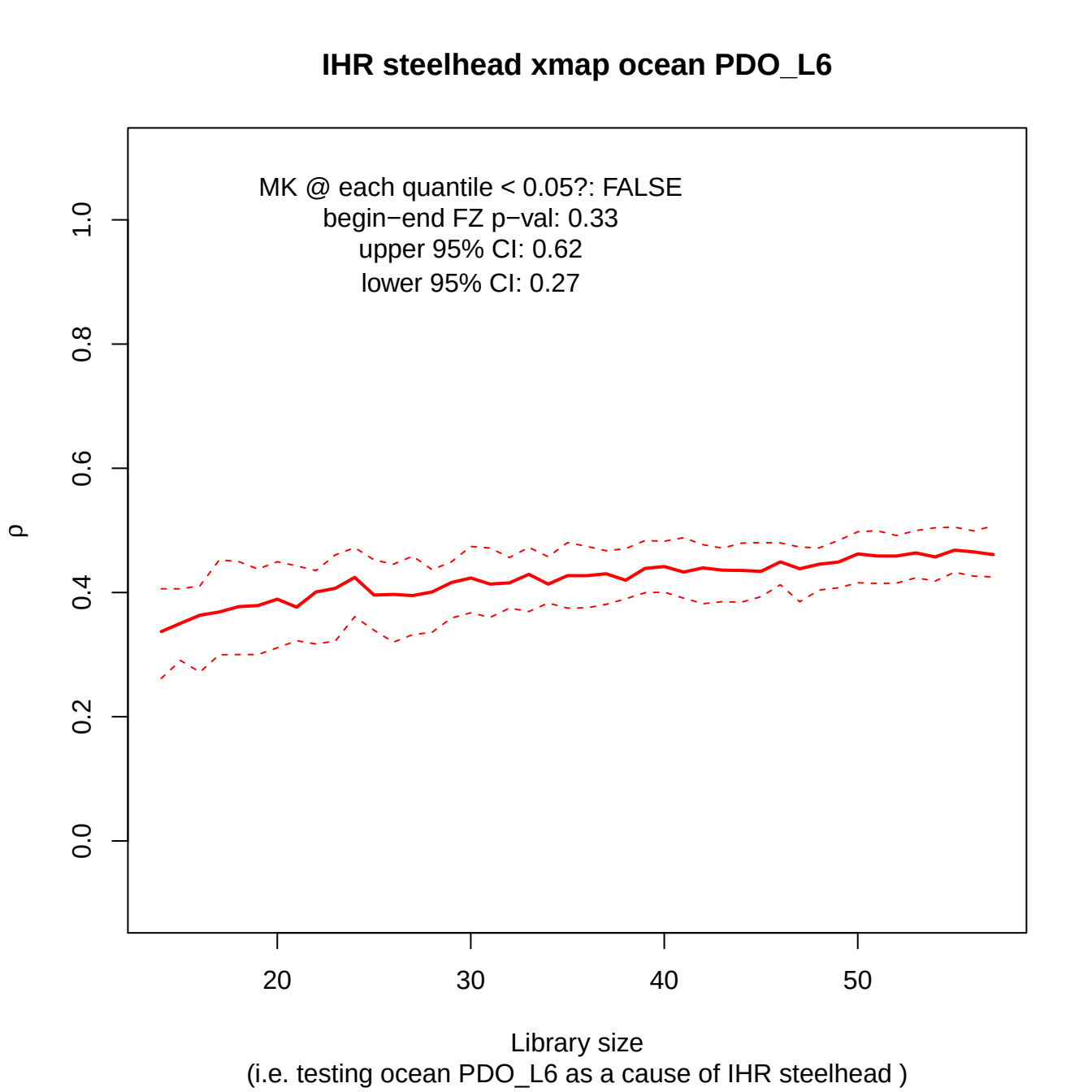

ocean PDO_L2 xmap ocean PDO_L5
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.075
upper 95% CI: 0.94
lower 95% CI: 0.9
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L5 as a cause of ocean PDO_L2)

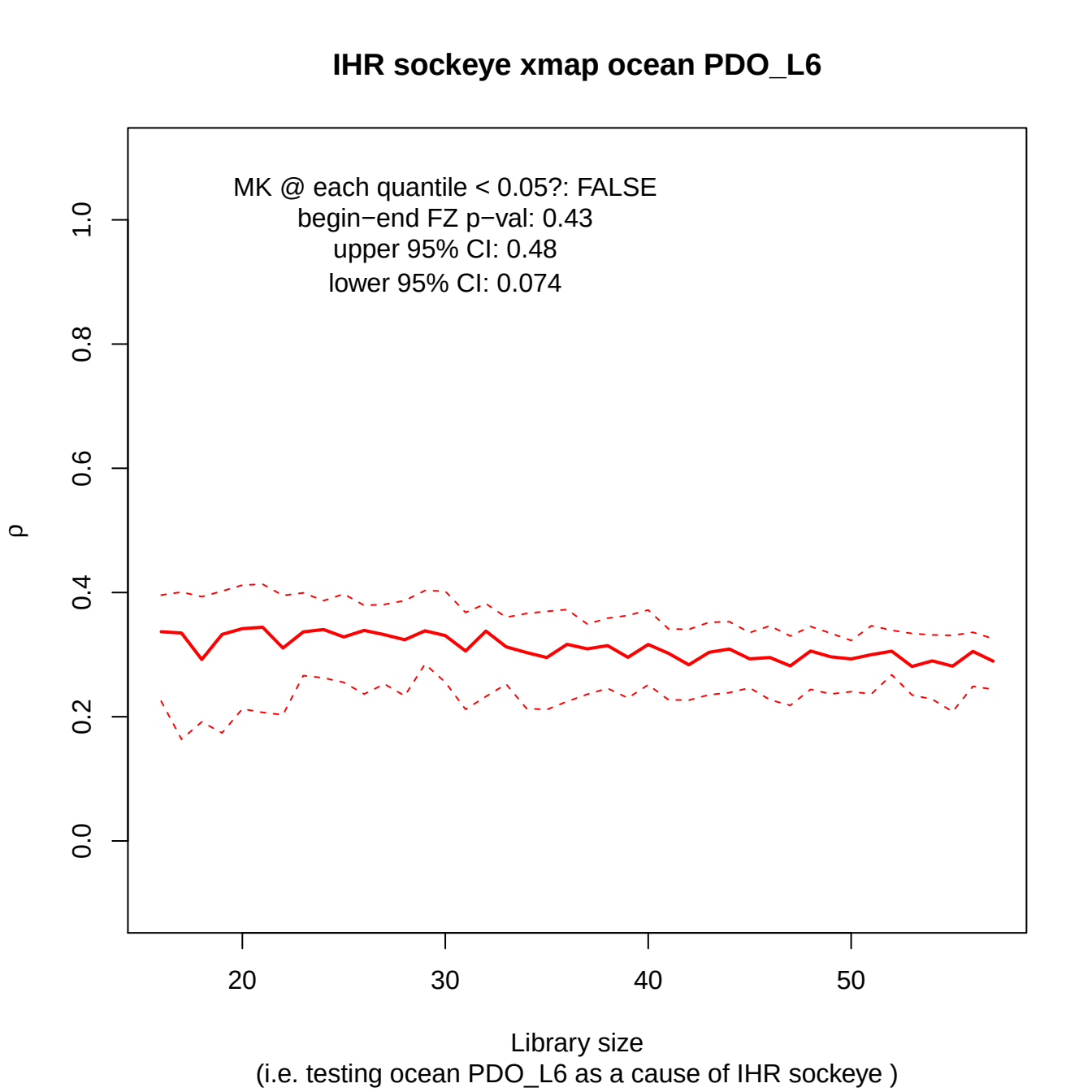

ocean PDO_L3 xmap ocean PDO_L5
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.12
upper 95% CI: 0.94
lower 95% CI: 0.89
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L5 as a cause of ocean PDO_L3)

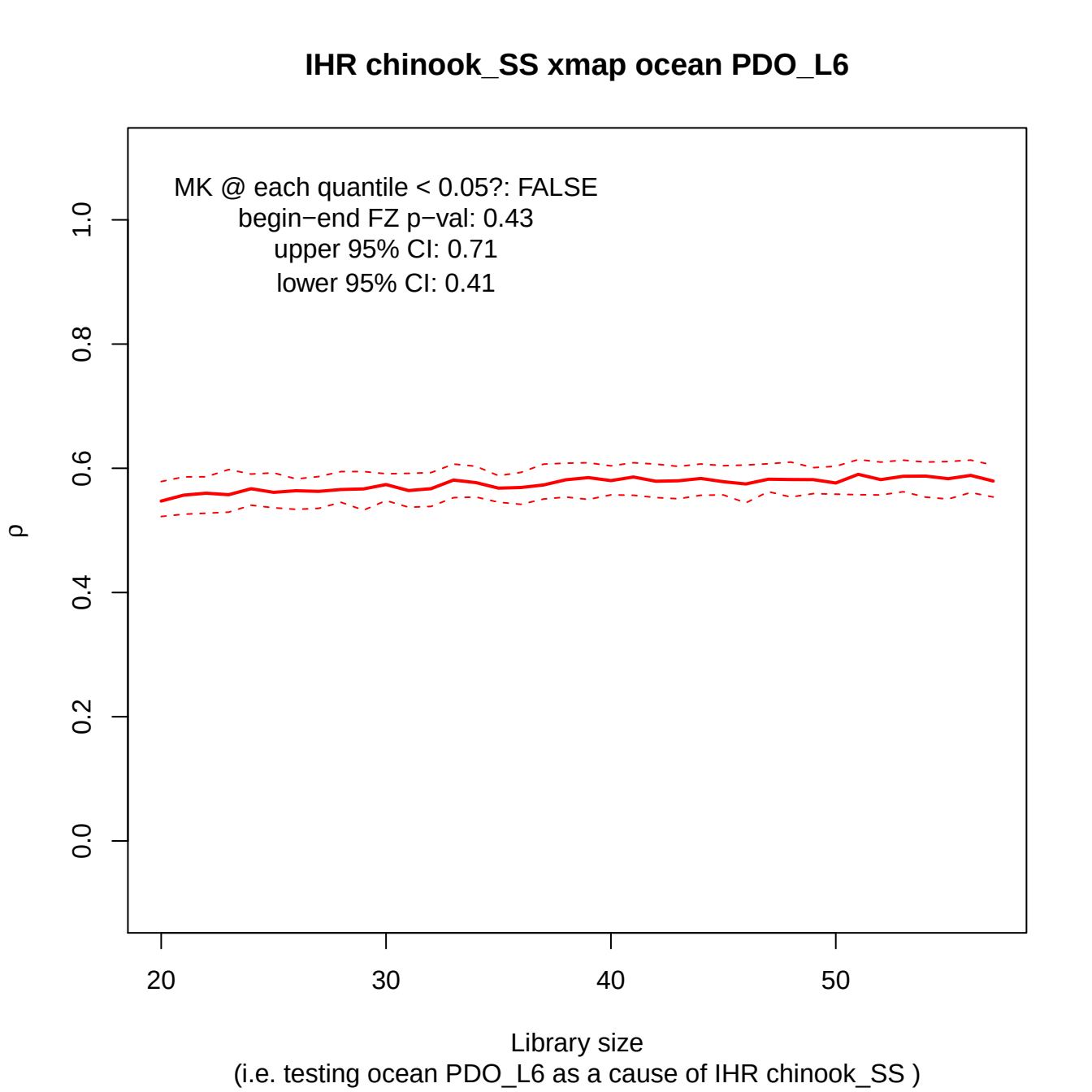

ocean PDO_L4 xmap ocean PDO_L5
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.11
upper 95% CI: 0.96
lower 95% CI: 0.93
ρ
0.0
0.2
0.4
0.6
0.8
1.0
0
50
100
150
Library size
(i.e. testing ocean PDO_L5 as a cause of ocean PDO_L4)

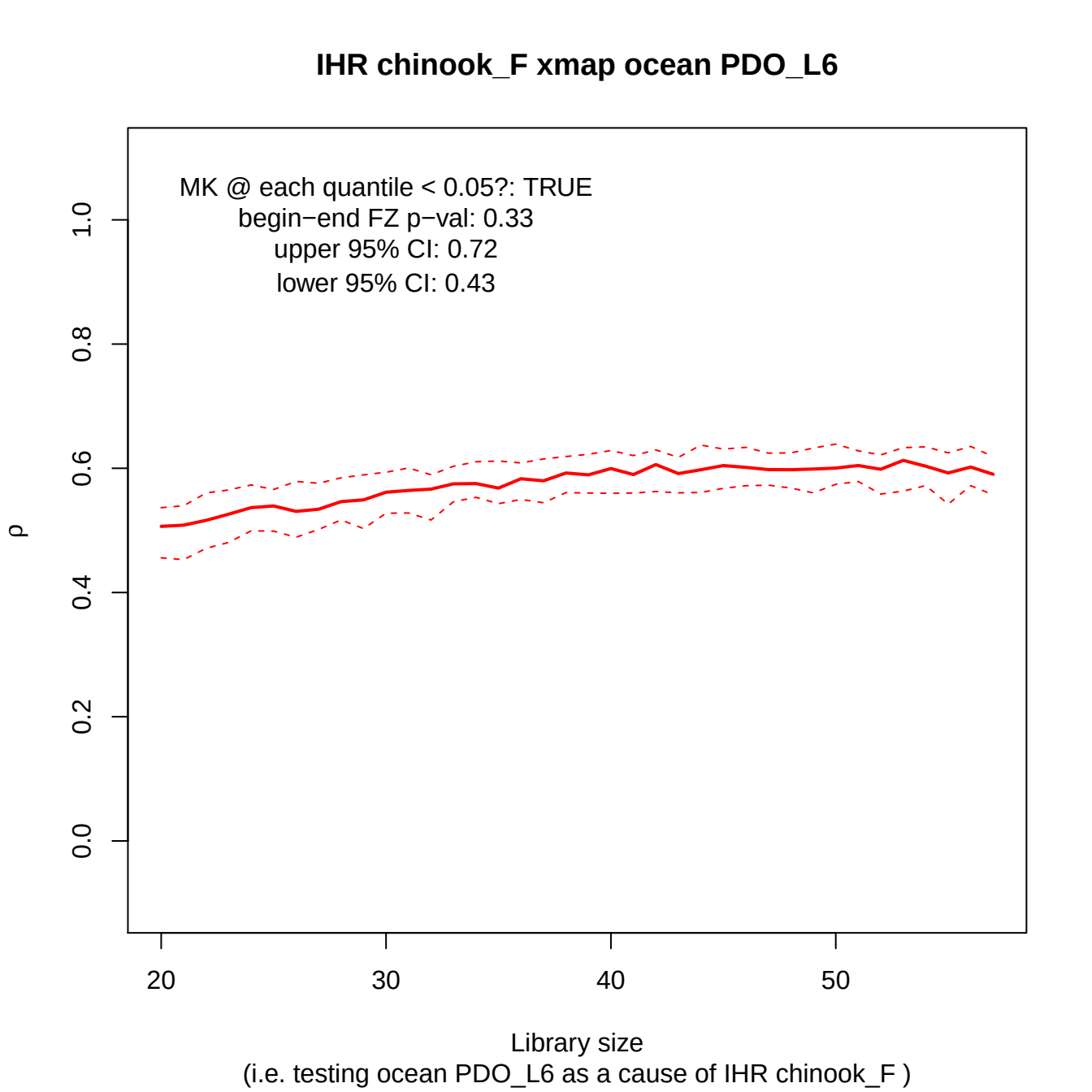

ocean PDO_L6 xmap ocean PDO_L5
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.48
upper 95% CI: 0.32
lower 95% CI: 0.067
ρ
0.0
0.2
0.4
0.6
0.8
1.0
0
50
100
150
Library size
(i.e. testing ocean PDO_L5 as a cause of ocean PDO_L6)

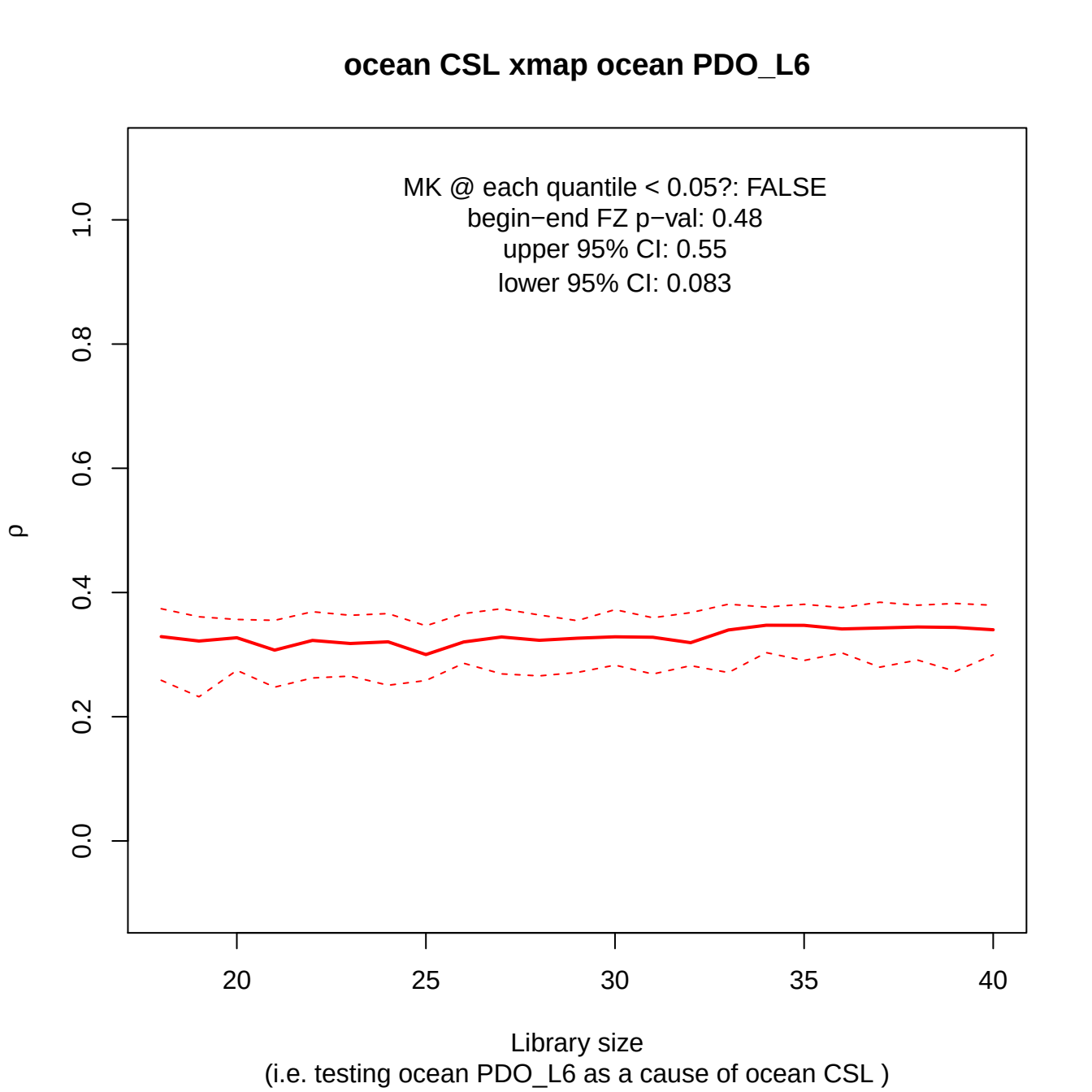

IHR coho xmap ocean PDO_L6
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.48
upper 95% CI: 0.59
lower 95% CI: 0.22
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L6 as a cause of IHR coho)

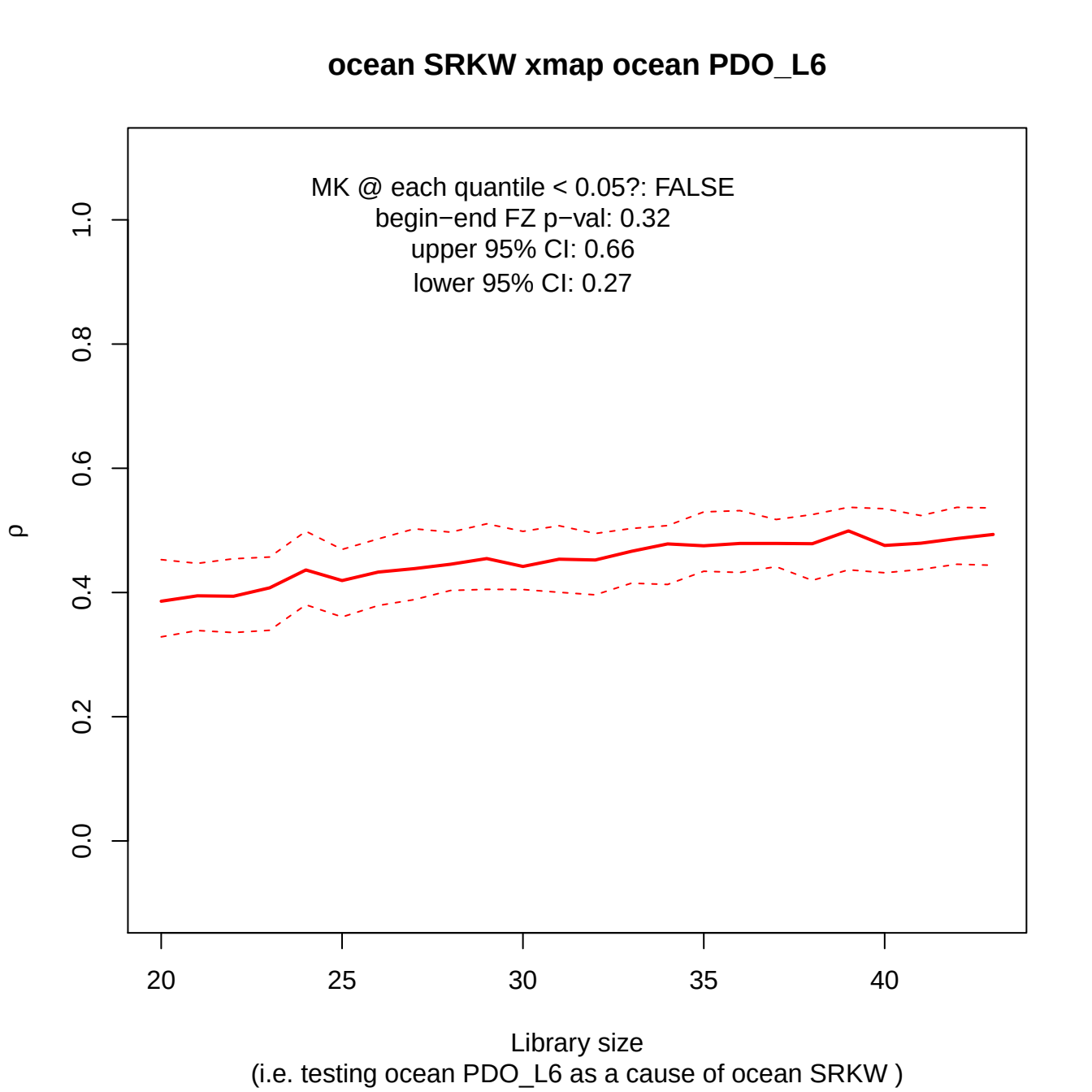

IHR steelhead xmap ocean PDO_L6
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.33
upper 95% CI: 0.62
lower 95% CI: 0.27
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L6 as a cause of IHR steelhead)

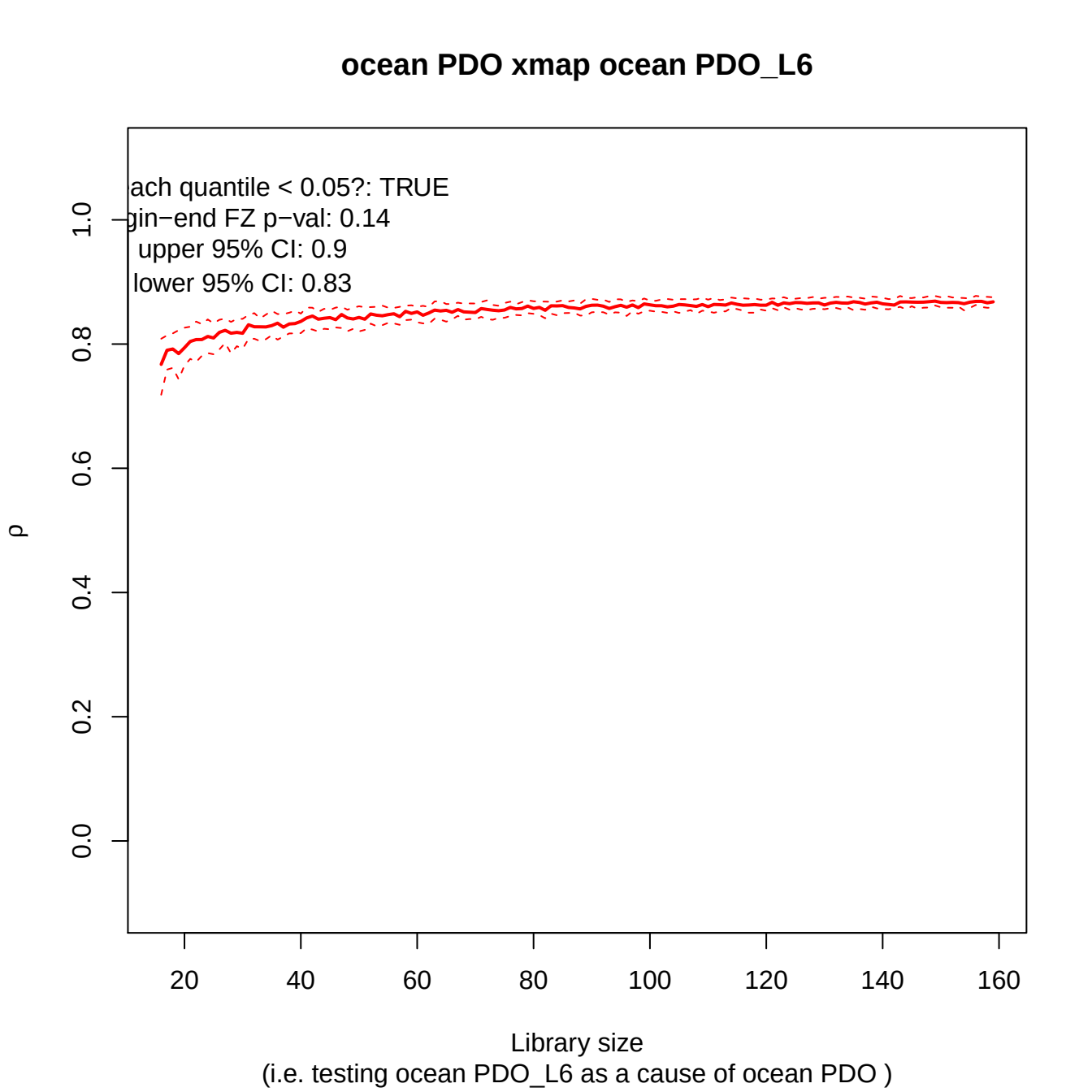

IHR sockeye xmap ocean PDO_L6
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.43
upper 95% CI: 0.48
lower 95% CI: 0.074
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L6 as a cause of IHR sockeye)

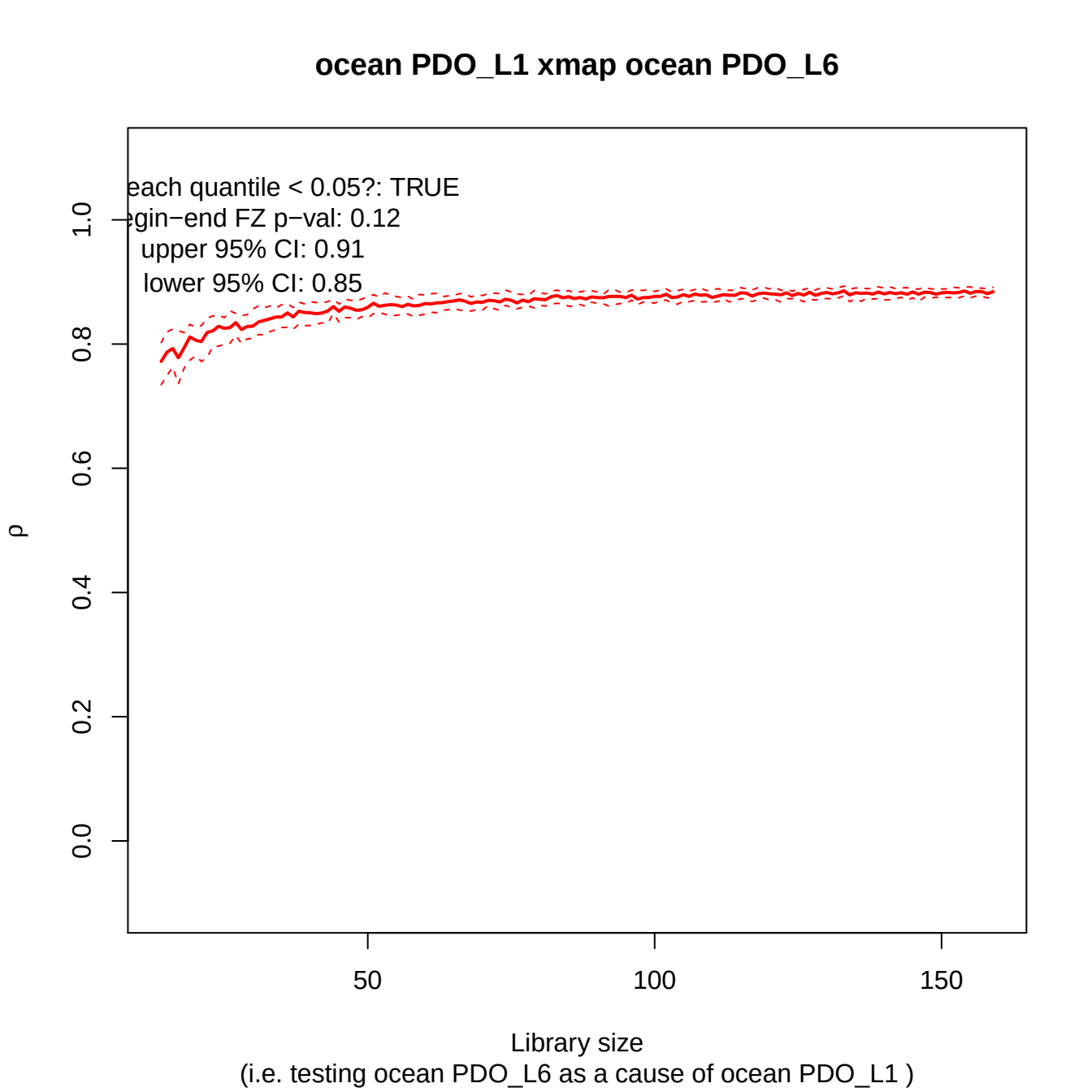

IHR chinook_SS xmap ocean PDO_L6
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.43
upper 95% CI: 0.71
lower 95% CI: 0.41
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L6 as a cause of IHR chinook_SS)

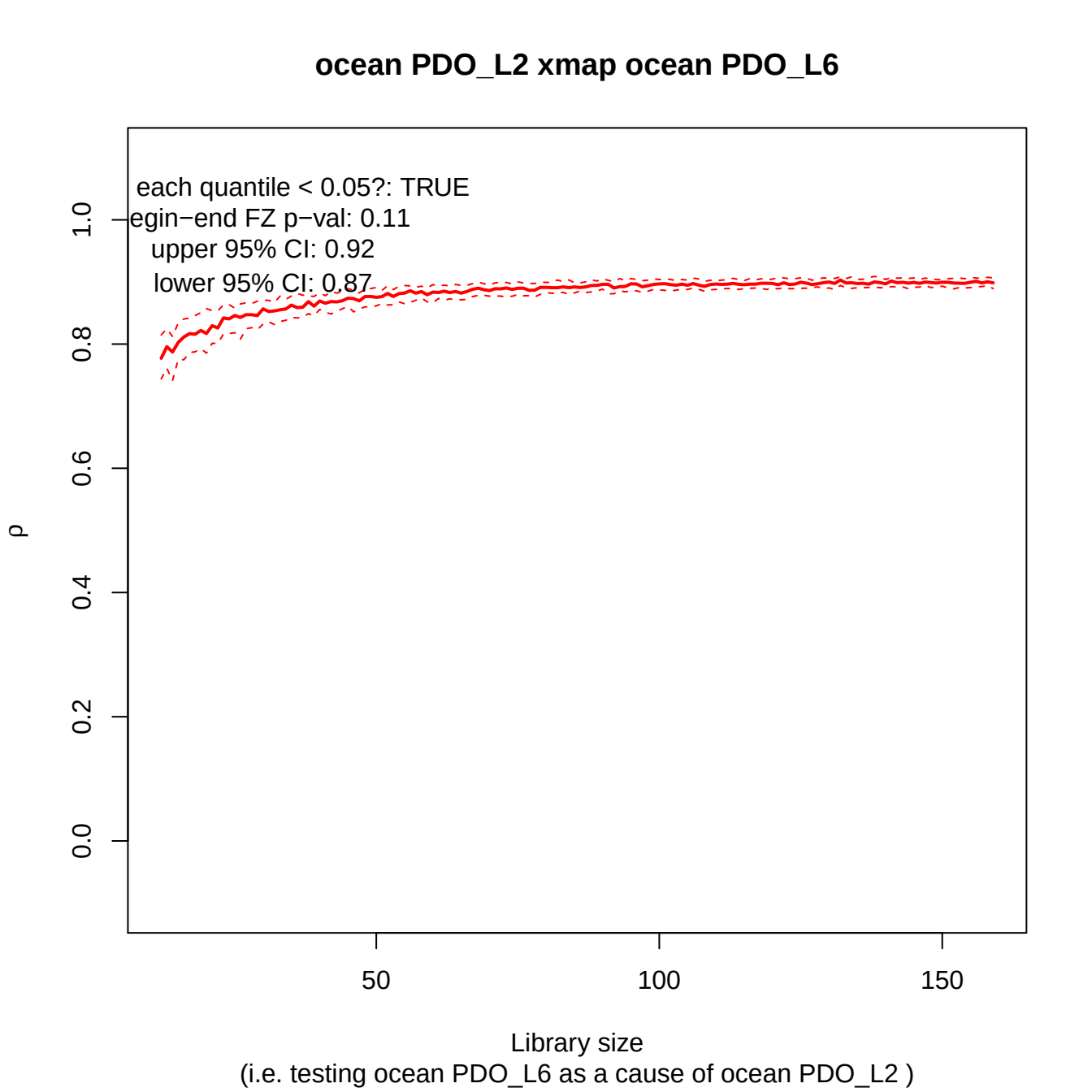

IHR chinook_F xmap ocean PDO_L6
MK @ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.33
upper 95% CI: 0.72
lower 95% CI: 0.43
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
30
40
50
Library size
(i.e. testing ocean PDO_L6 as a cause of IHR chinook_F)

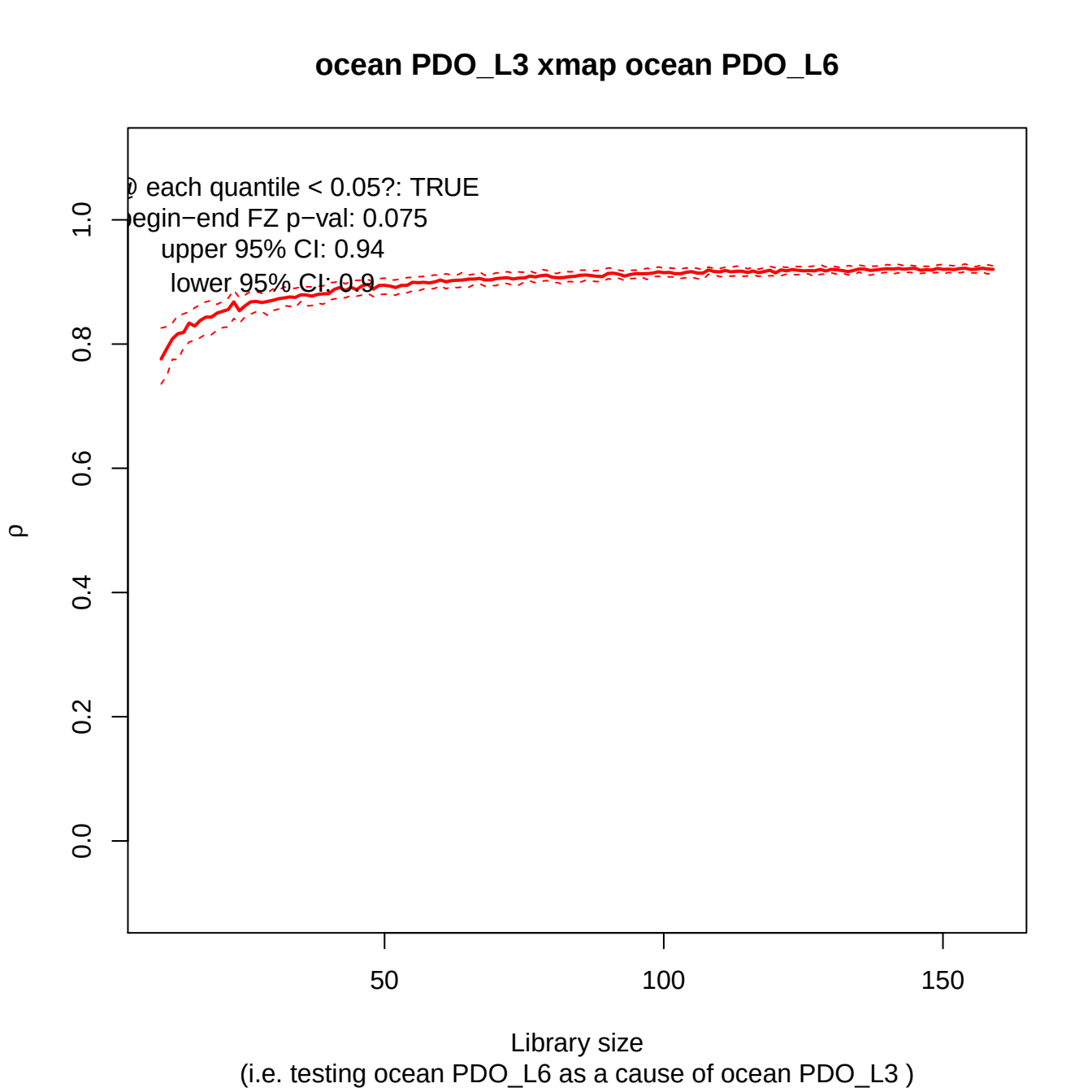

ocean CSL xmap ocean PDO_L6
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.48
upper 95% CI: 0.55
lower 95% CI: 0.083
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean PDO_L6 as a cause of ocean CSL)

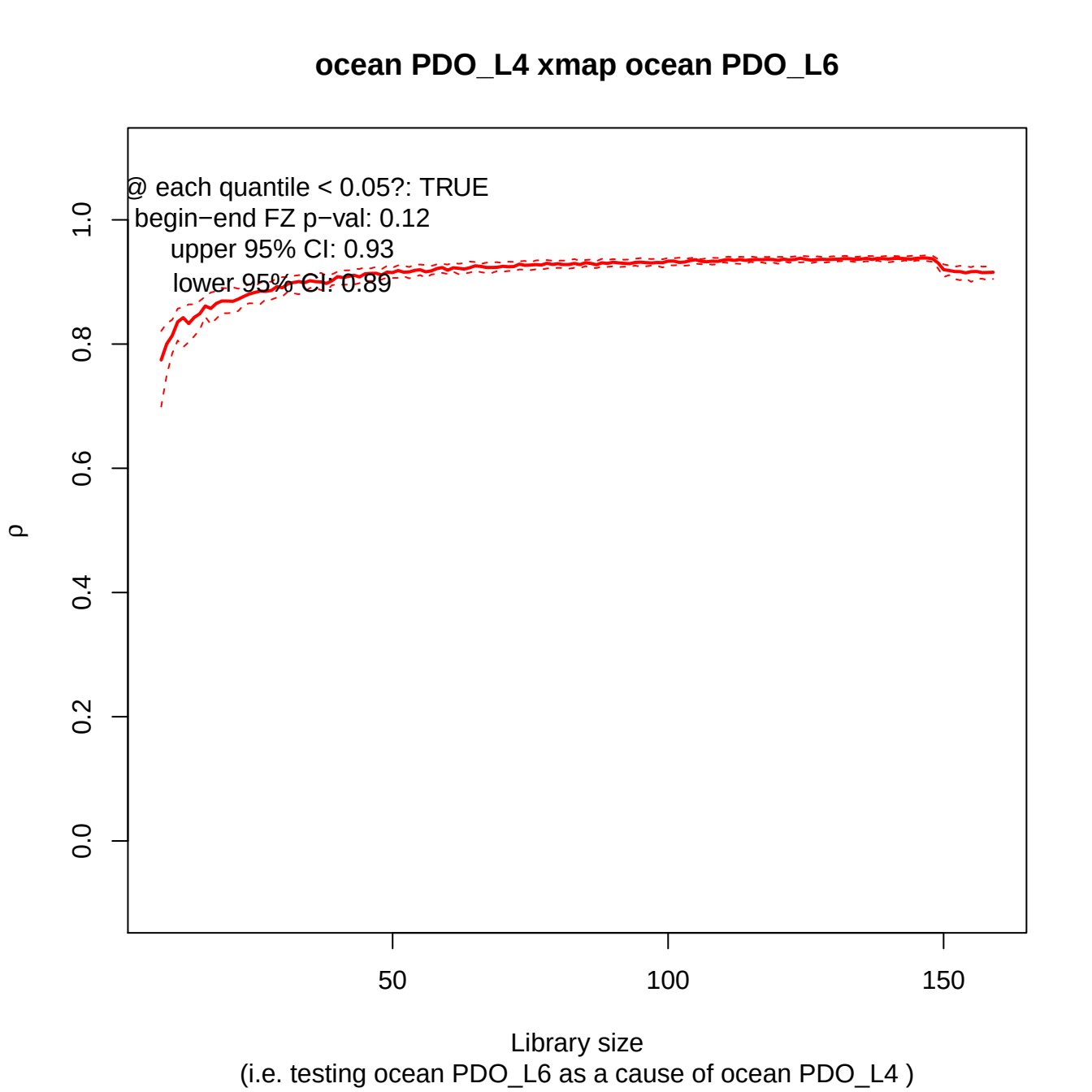

ocean SRKW xmap ocean PDO_L6
MK @ each quantile < 0.05?: FALSE
begin−end FZ p−val: 0.32
upper 95% CI: 0.66
lower 95% CI: 0.27
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
25
30
35
40
Library size
(i.e. testing ocean PDO_L6 as a cause of ocean SRKW)

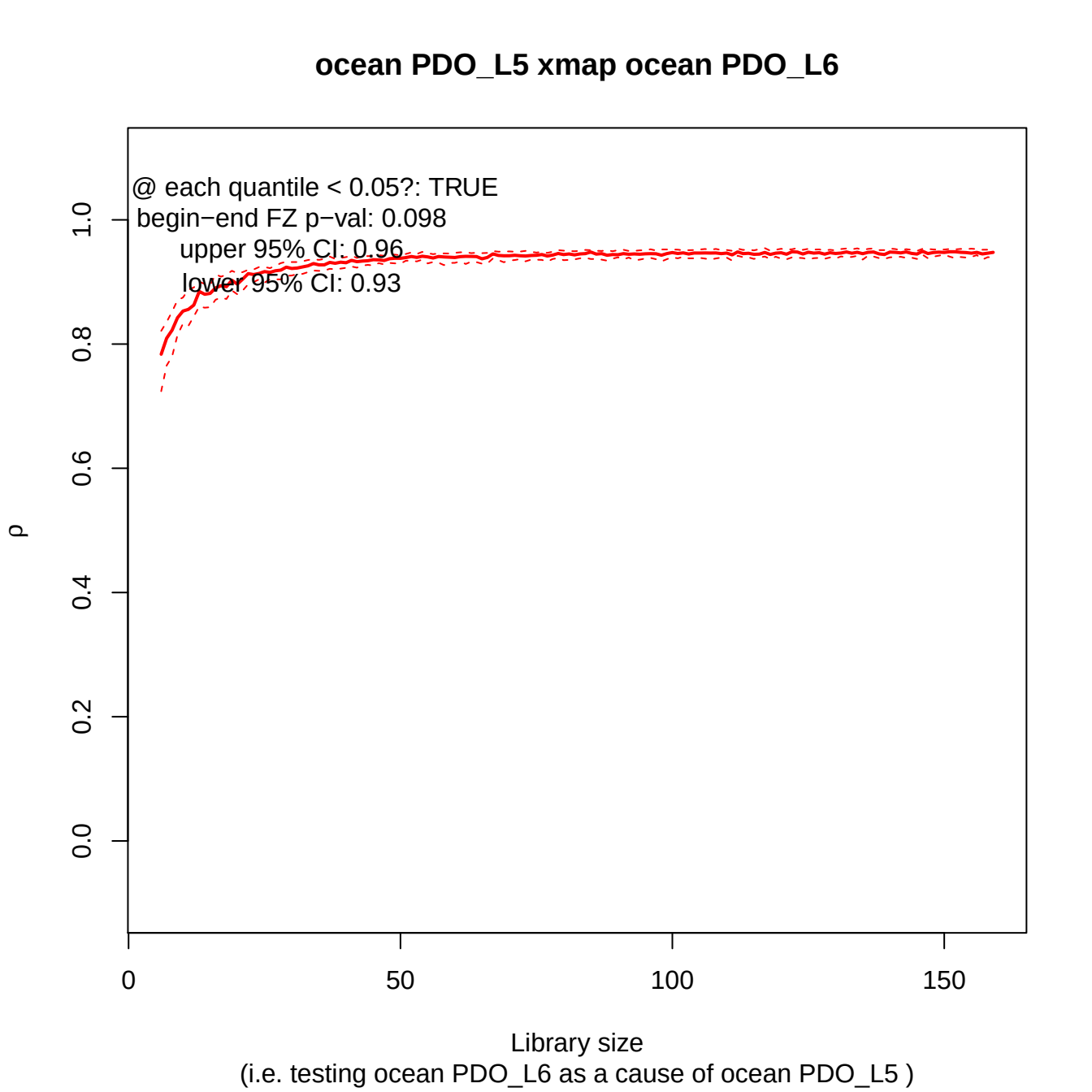

ocean PDO xmap ocean PDO_L6
ach quantile < 0.05?: TRUE
gin−end FZ p−val: 0.14
upper 95% CI: 0.9
lower 95% CI: 0.83
ρ
0.0
0.2
0.4
0.6
0.8
1.0
20
40
60
80
100
120
140
160
Library size
(i.e. testing ocean PDO_L6 as a cause of ocean PDO)


ocean PDO_L1 xmap ocean PDO_L6
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.12
upper 95% CI: 0.91
lower 95% CI: 0.85
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L6 as a cause of ocean PDO_L1)


ocean PDO_L2 xmap ocean PDO_L6
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.11
upper 95% CI: 0.92
lower 95% CI: 0.87
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L6 as a cause of ocean PDO_L2)


ocean PDO_L3 xmap ocean PDO_L6
each quantile < 0.05?: TRUE
egin−end FZ p−val: 0.075
upper 95% CI: 0.94
lower 95% CI: 0.9
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L6 as a cause of ocean PDO_L3)


ocean PDO_L4 xmap ocean PDO_L6
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.12
upper 95% CI: 0.93
lower 95% CI: 0.89
ρ
0.0
0.2
0.4
0.6
0.8
1.0
50
100
150
Library size
(i.e. testing ocean PDO_L6 as a cause of ocean PDO_L4)


ocean PDO_L5 xmap ocean PDO_L6
@ each quantile < 0.05?: TRUE
begin−end FZ p−val: 0.098
upper 95% CI: 0.96
lower 95% CI: 0.93
ρ
0.0
0.2
0.4
0.6
0.8
1.0
0
50
100
150
Library size
(i.e. testing ocean PDO_L6 as a cause of ocean PDO_L5)