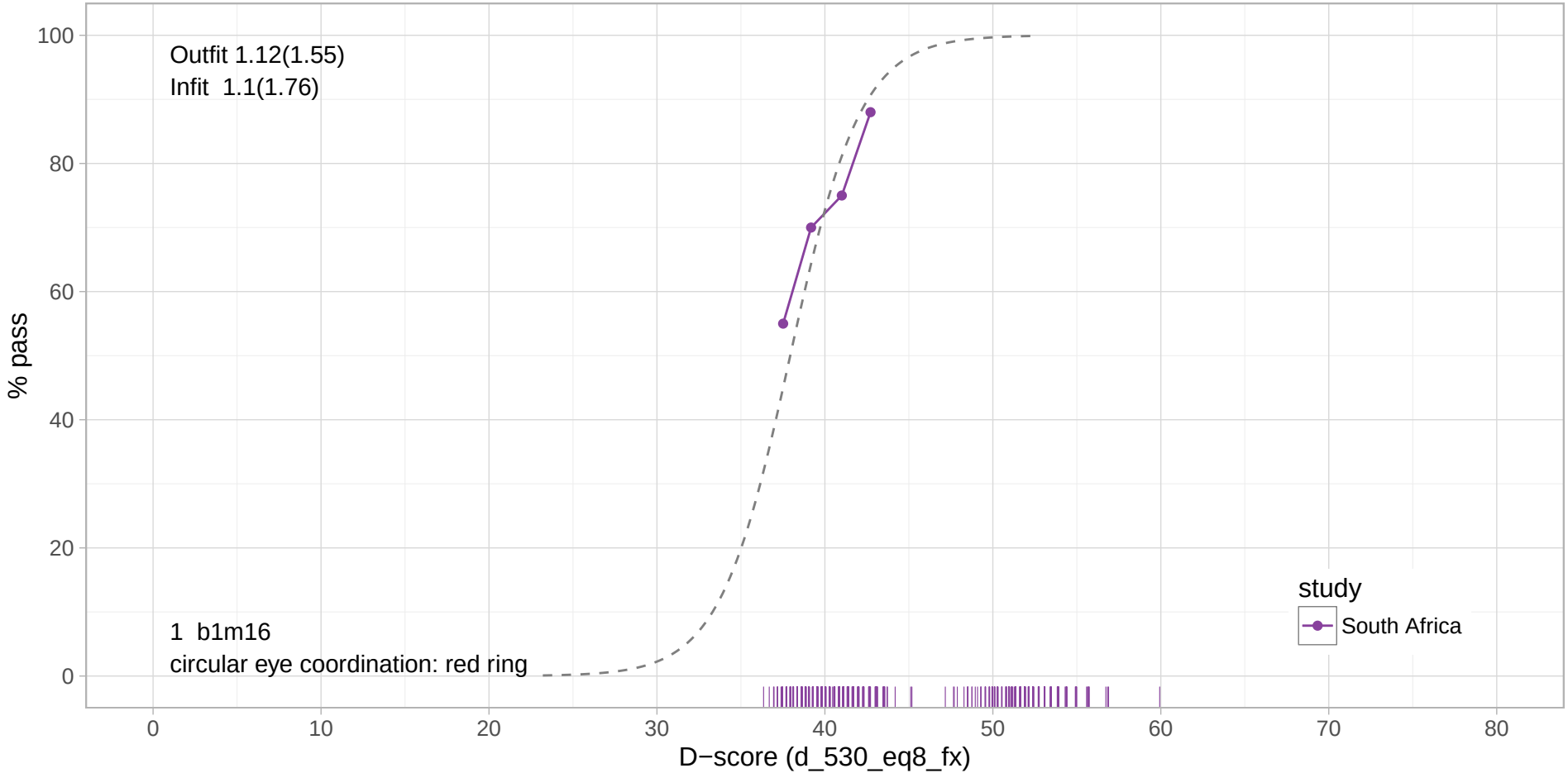
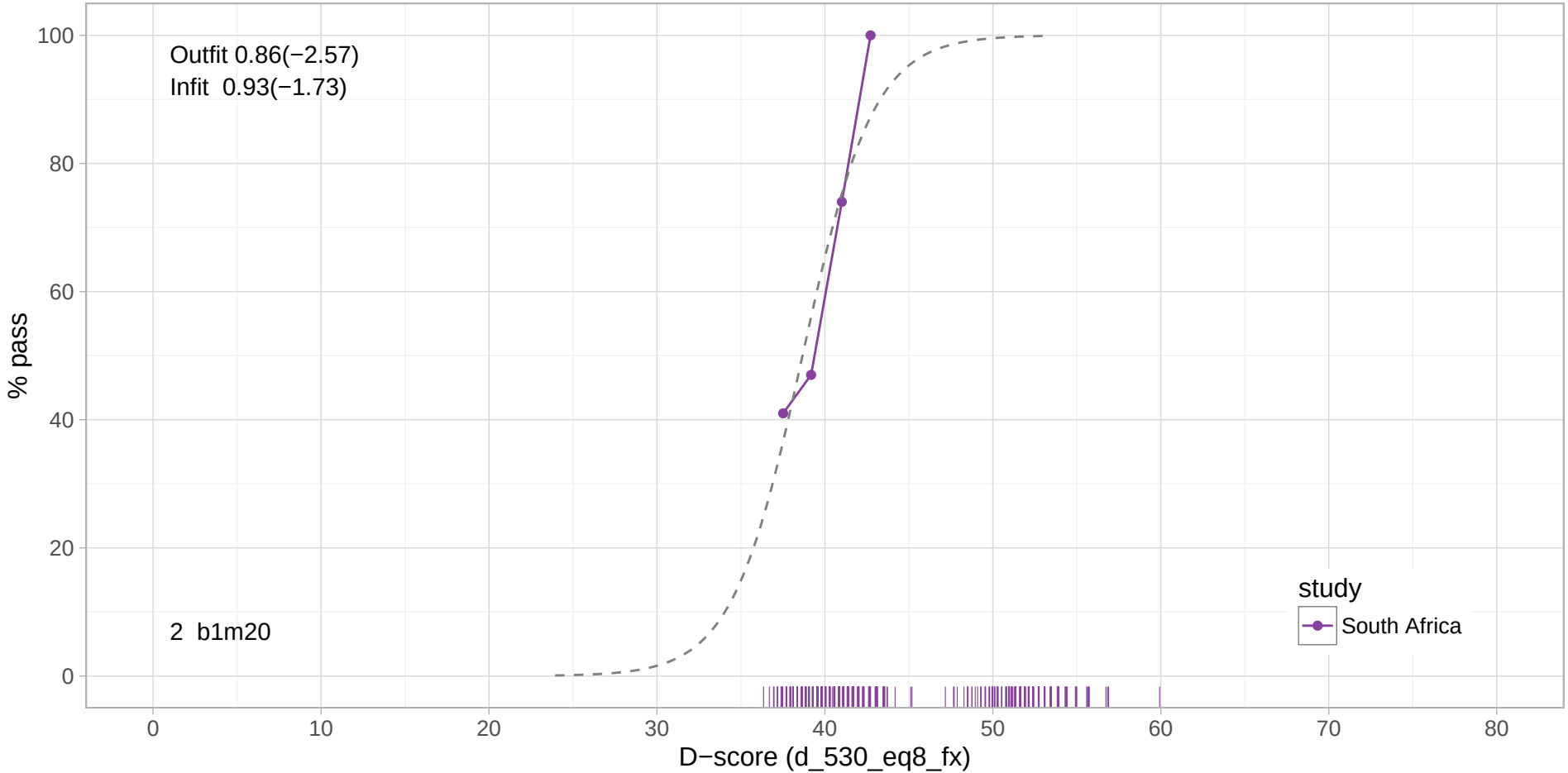
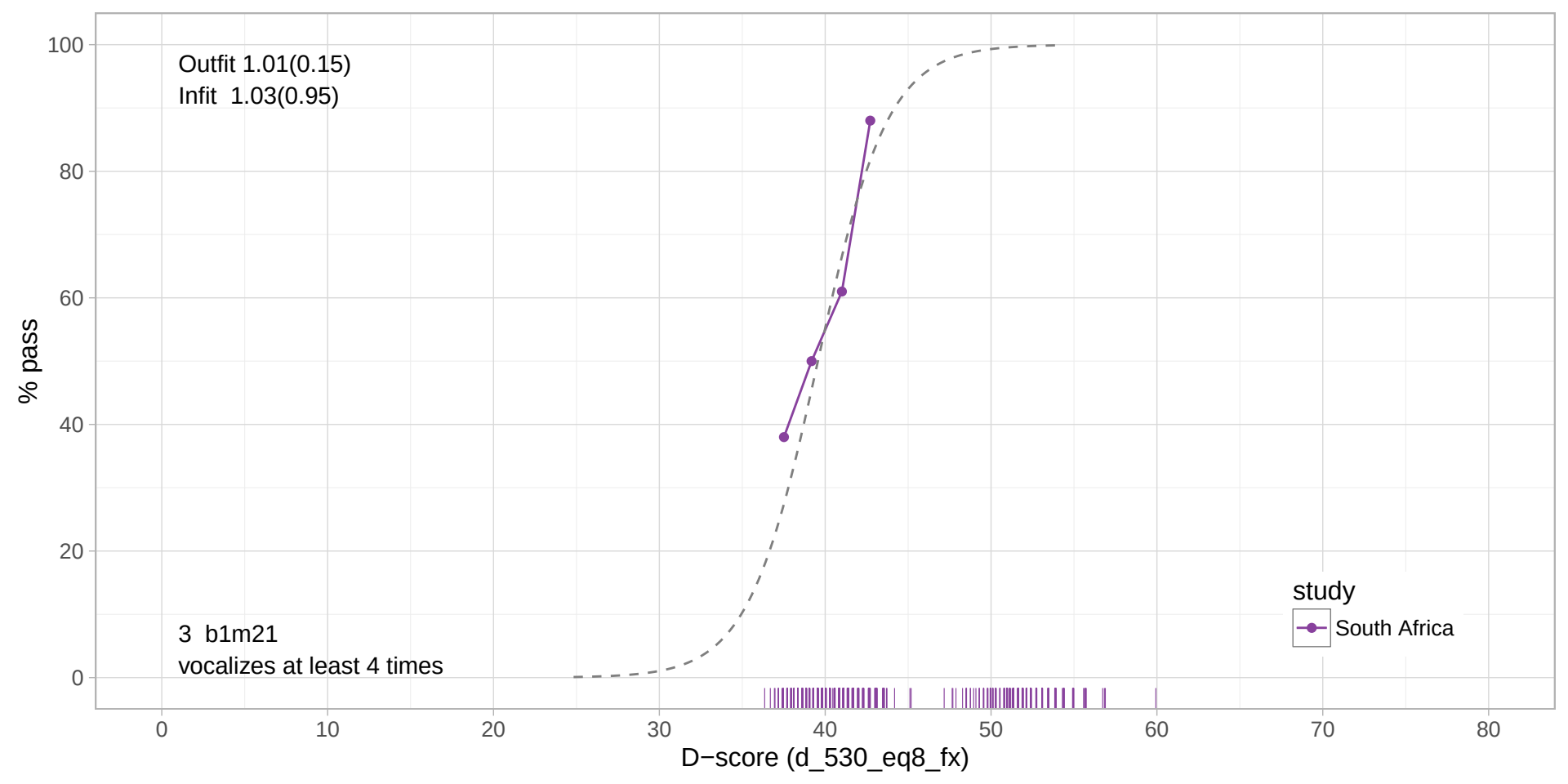
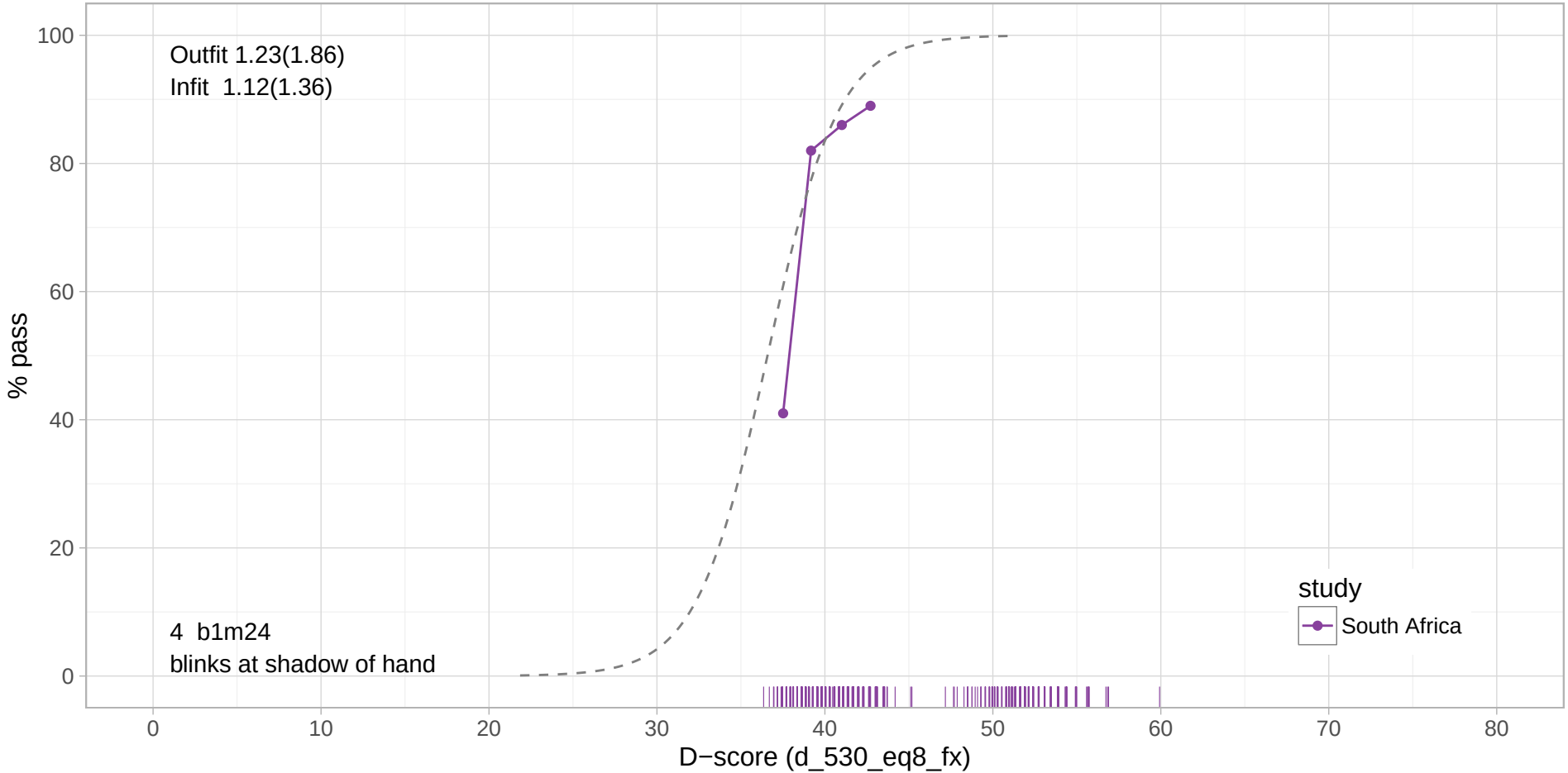
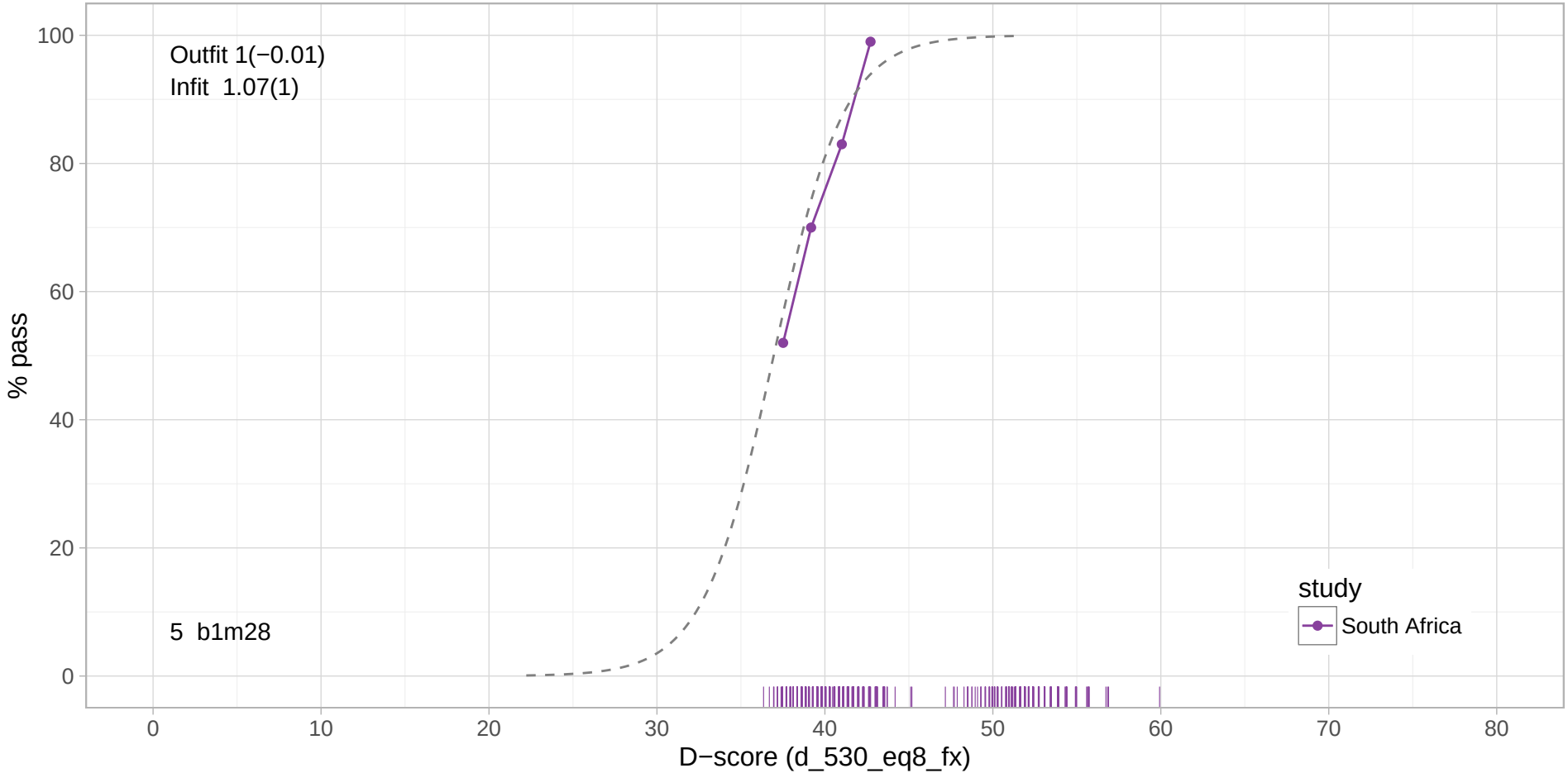
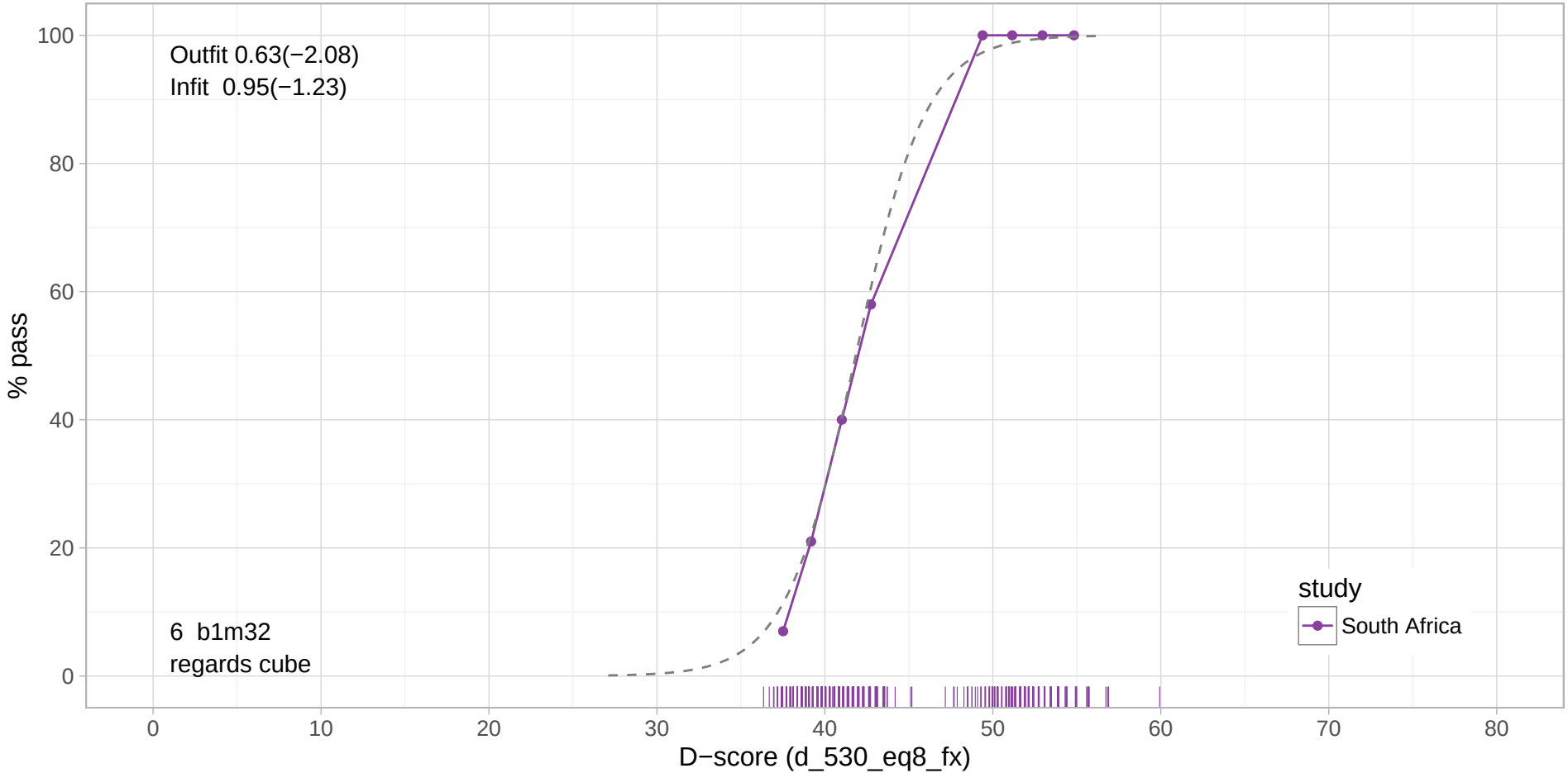

Outfit 1.12(1.55)
Infit 1.1(1.76)
1 b1m16
circular eye coordination: red ring
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
South Africa

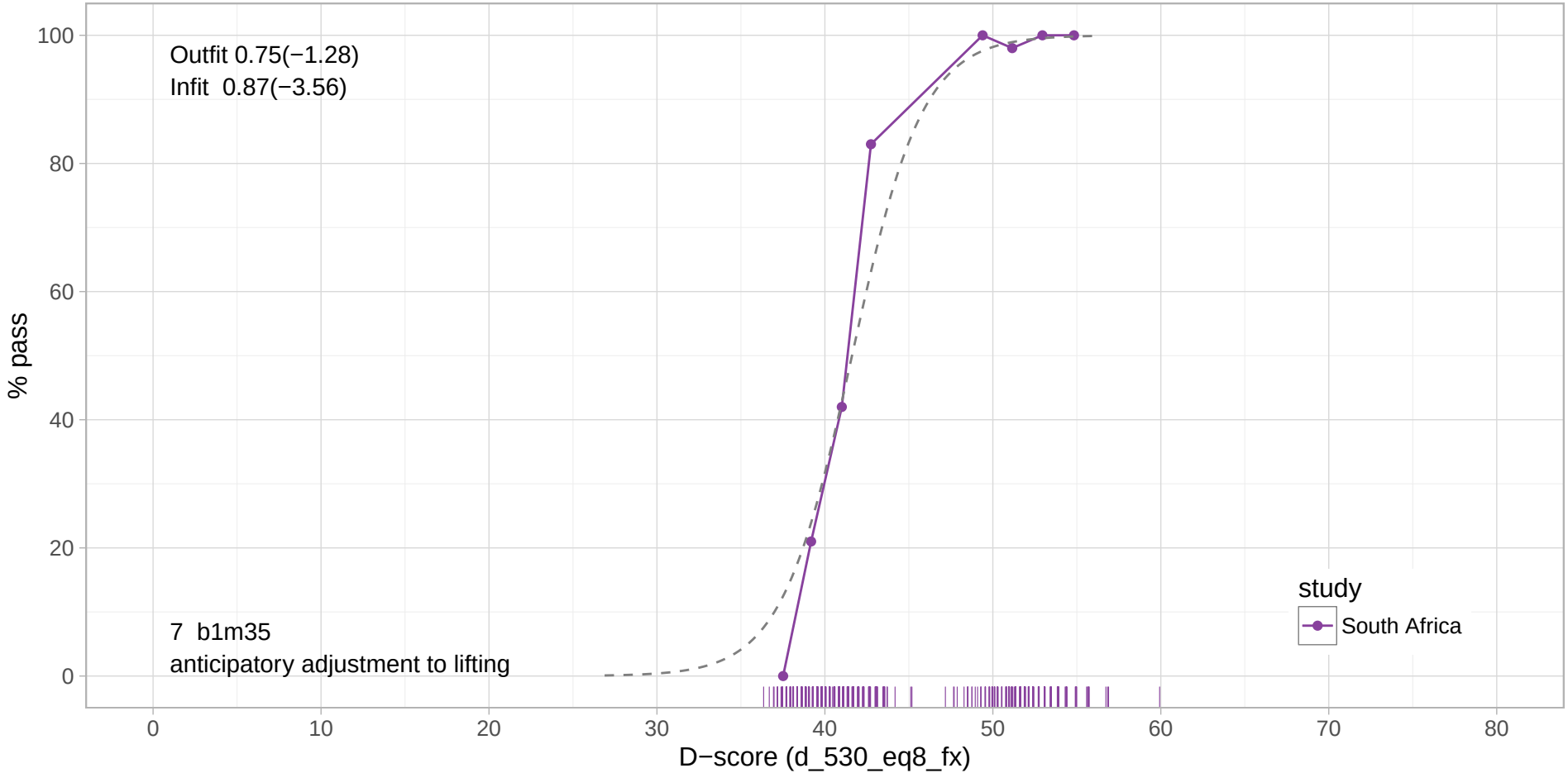

Outfit 0.86(−2.57)
Infit 0.93(−1.73)
2 b1m20
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
South Africa

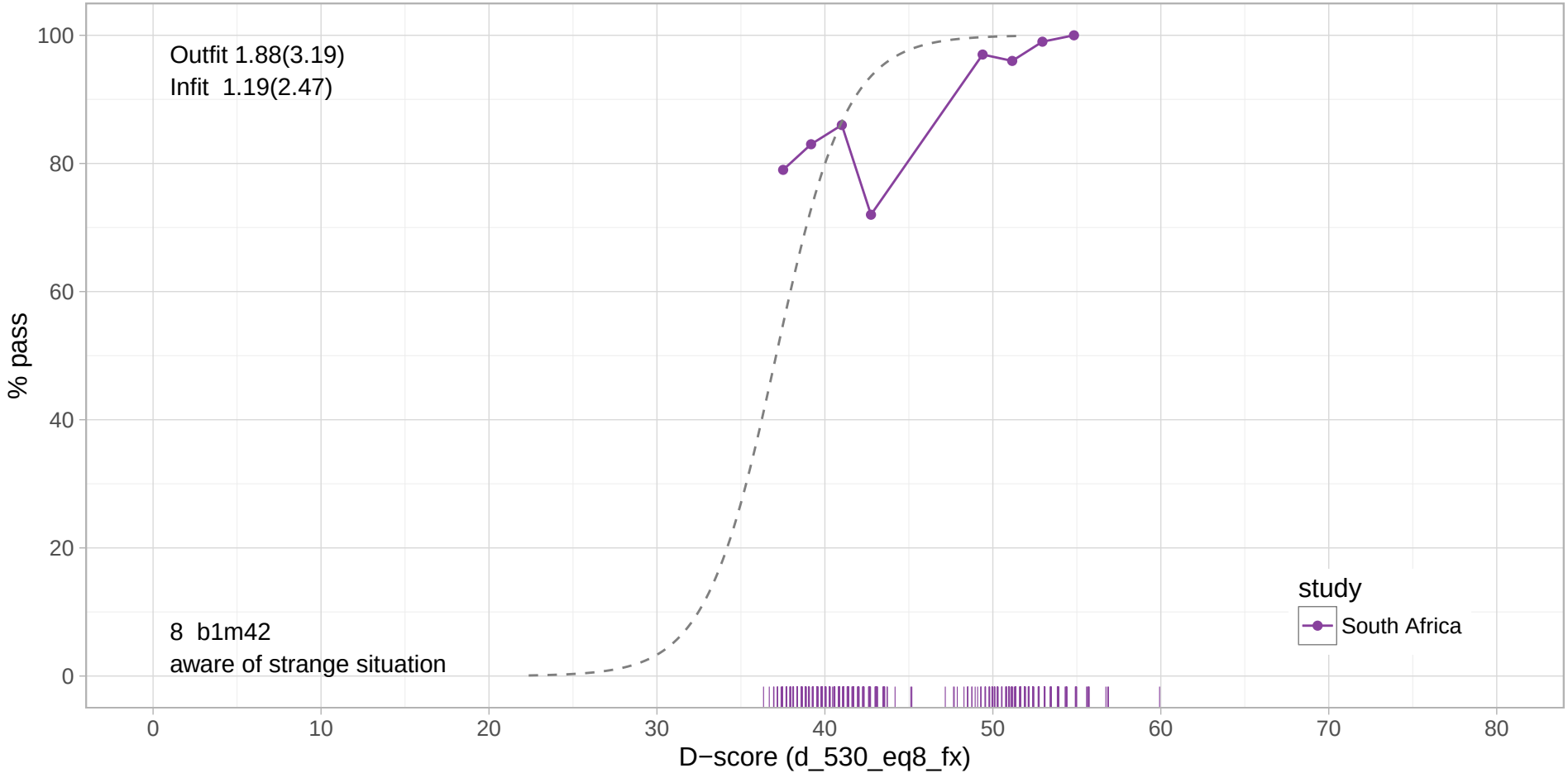

Outfit 1.01(0.15)
Infit 1.03(0.95)
3 b1m21
vocalizes at least 4 times
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
South Africa

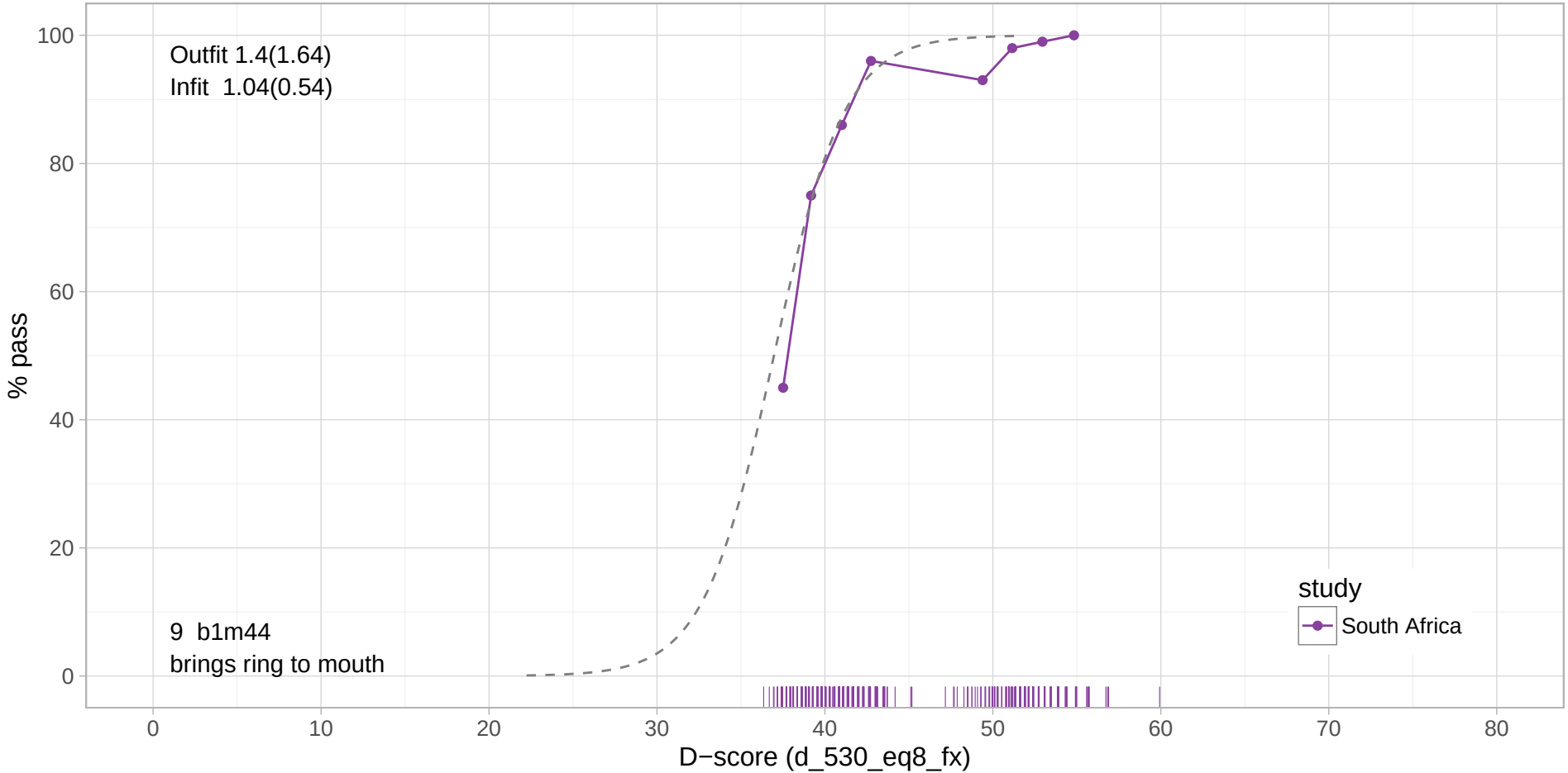

Outfit 1.23(1.86)
Infit 1.12(1.36)
4 b1m24
blinks at shadow of hand
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
South Africa

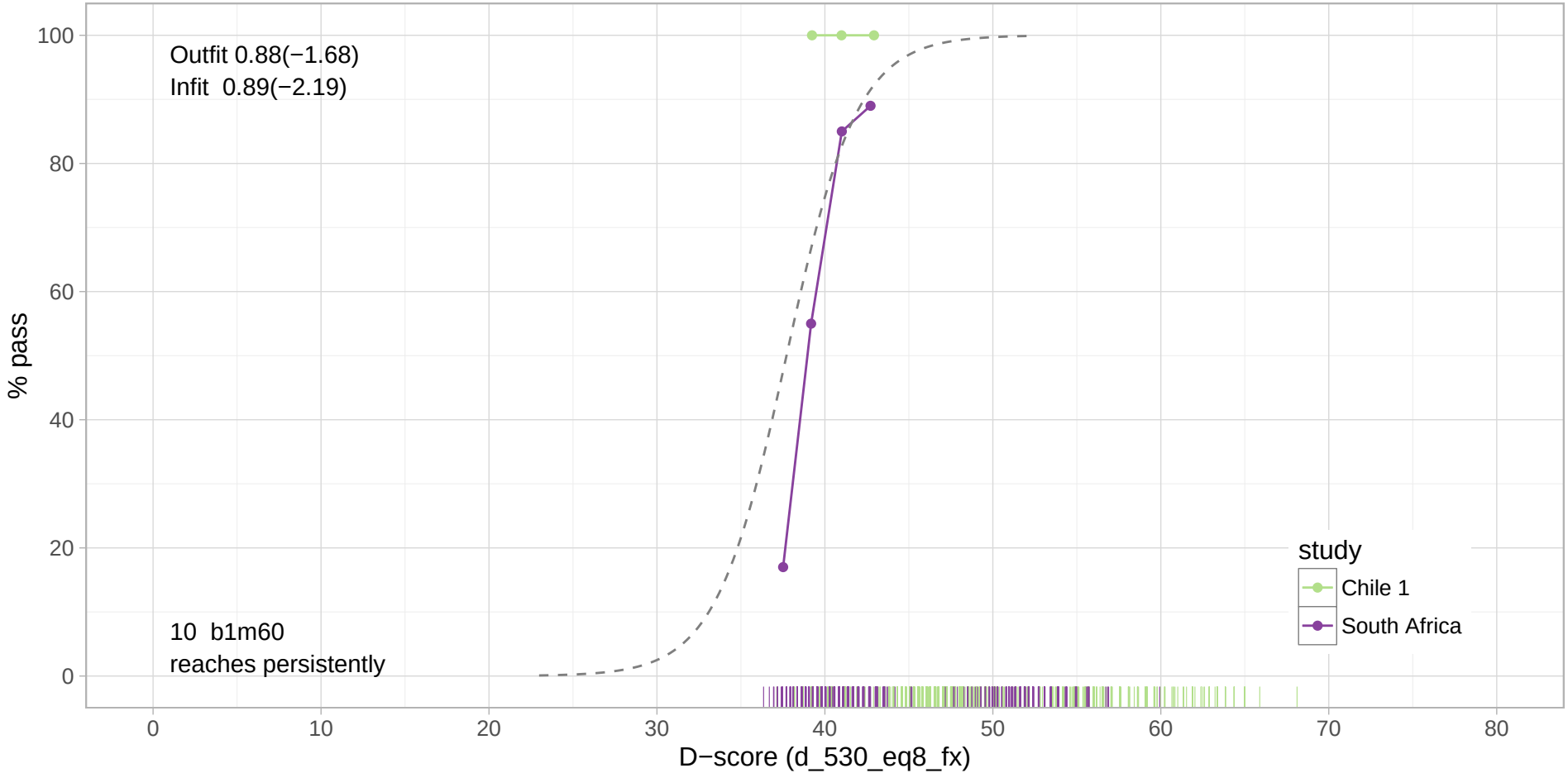

Outfit 1(−0.01)
Infit 1.07(1)
5 b1m28
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
South Africa

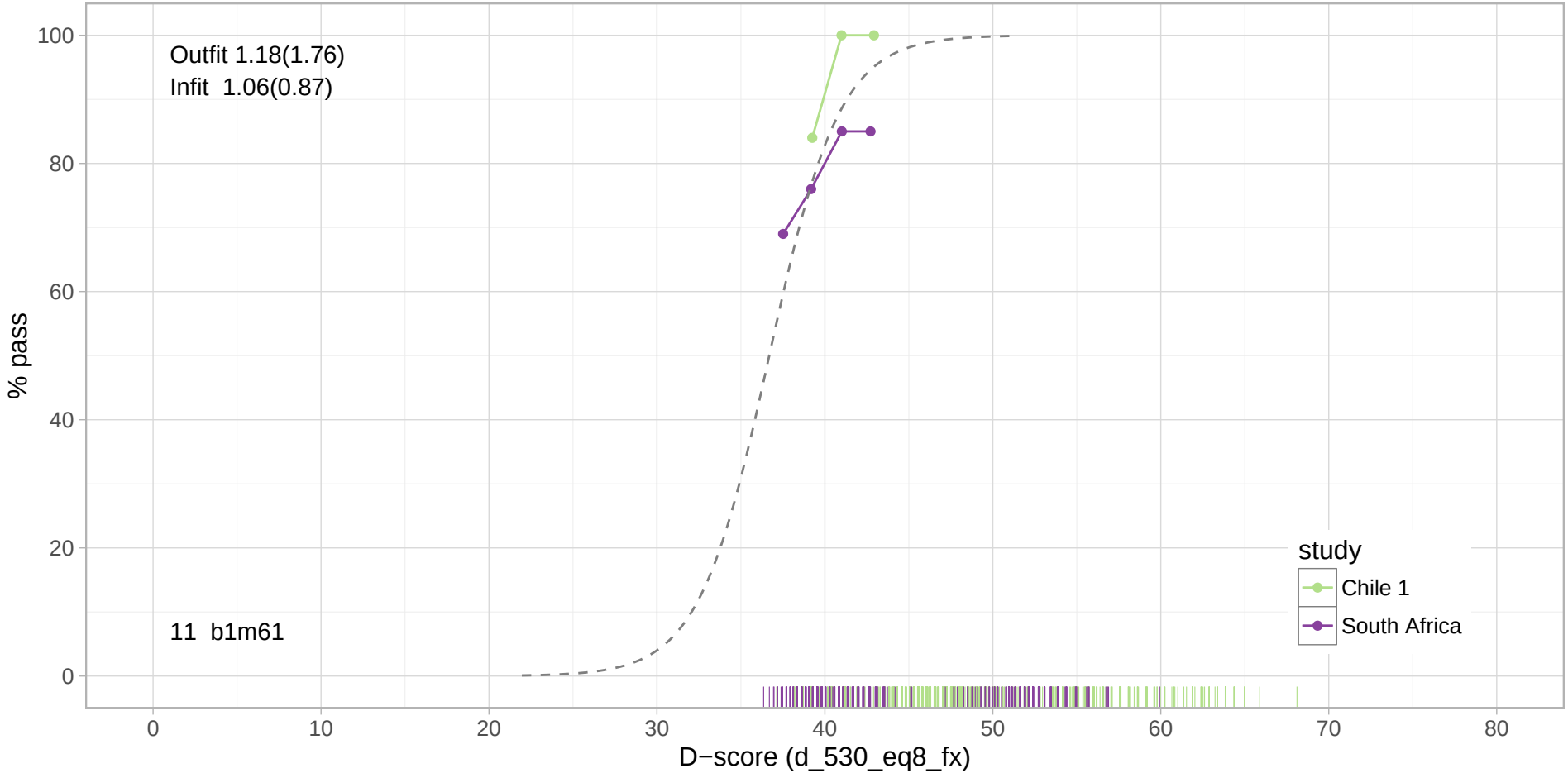

Outfit 0.63(−2.08)
Infit 0.95(−1.23)
6 b1m32
regards cube
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
South Africa

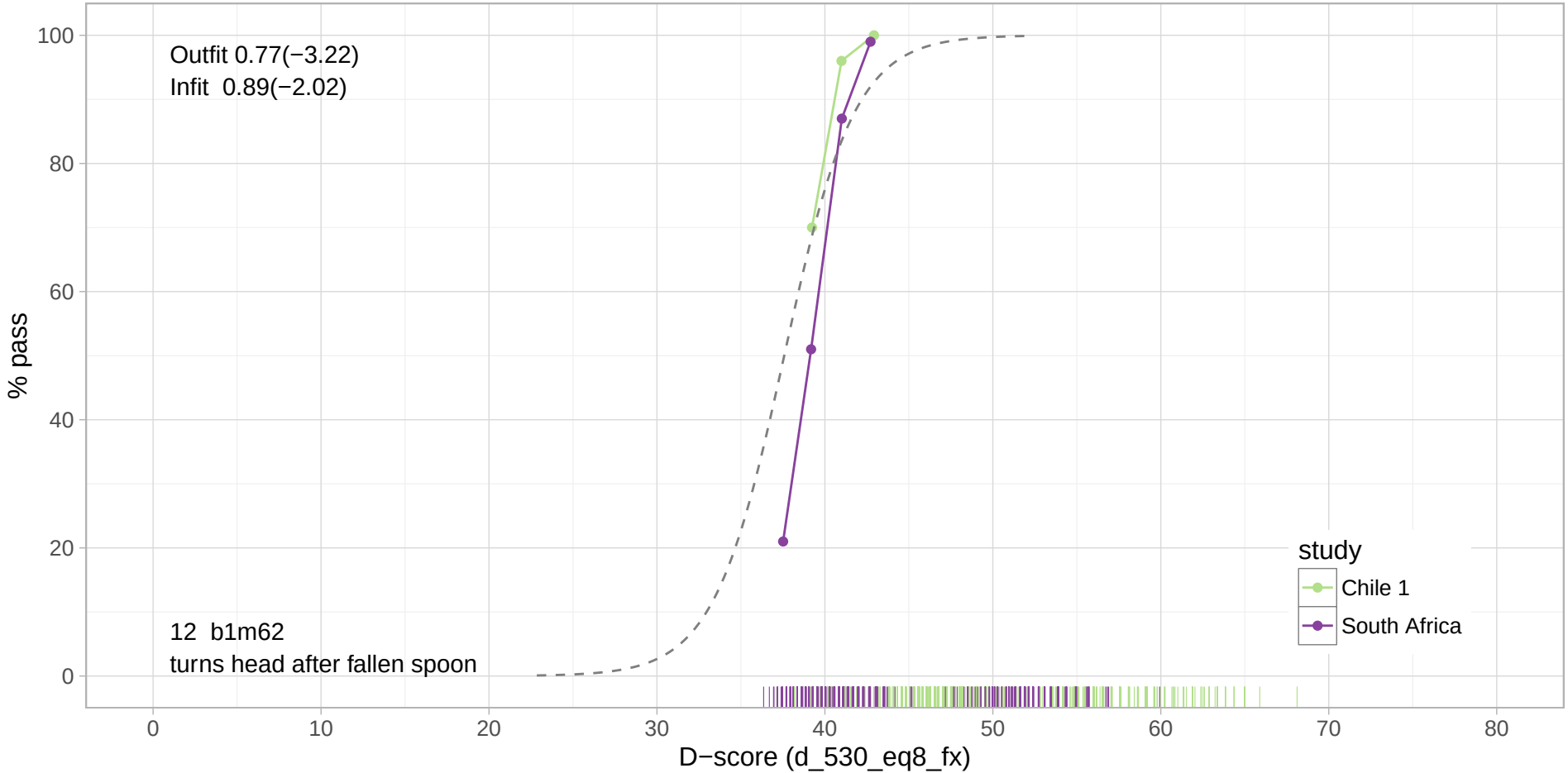

Outfit 0.75(−1.28)
Infit 0.87(−3.56)
7 b1m35
anticipatory adjustment to lifting
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
South Africa

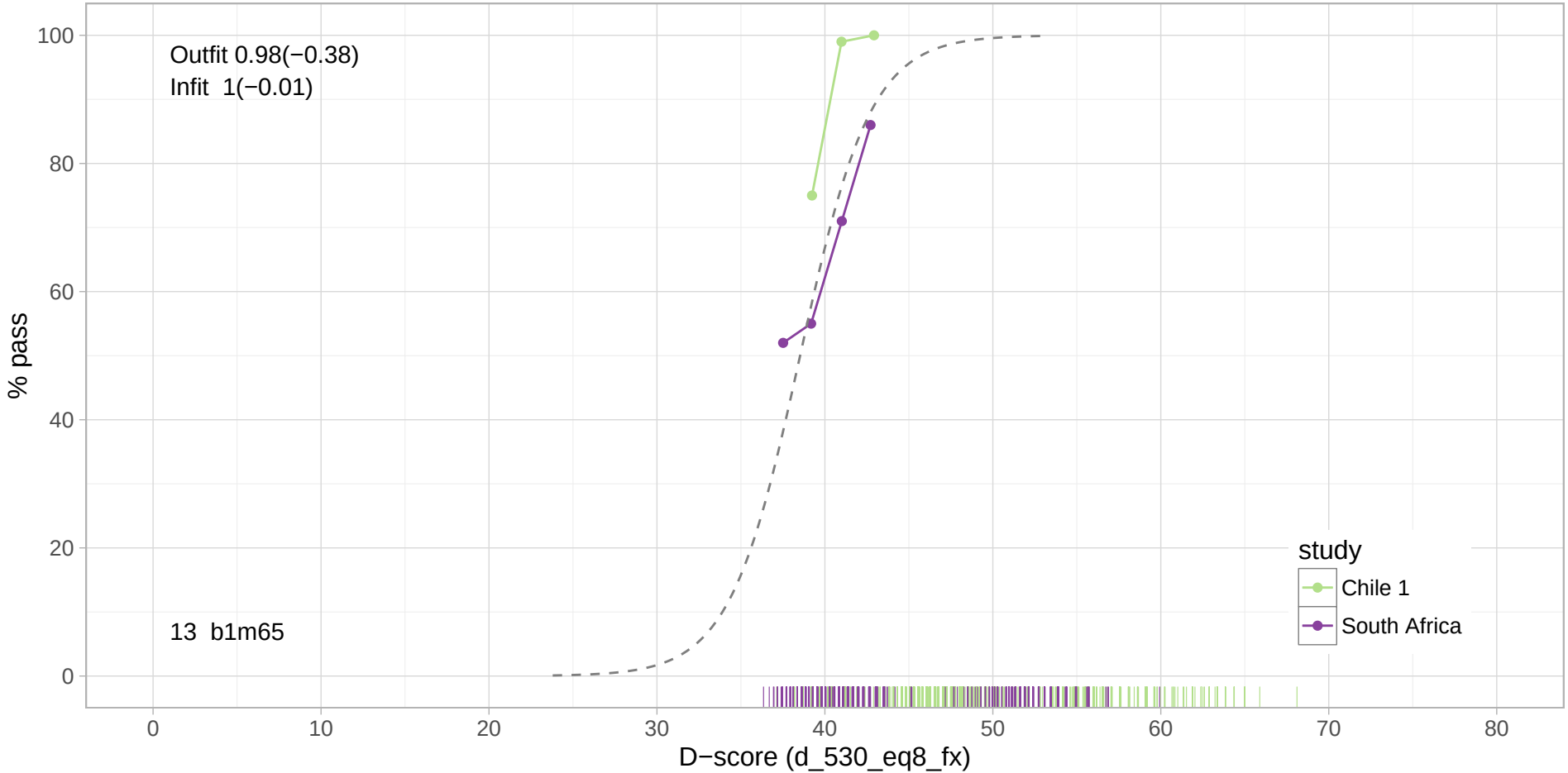

Outfit 1.88(3.19)
Infit 1.19(2.47)
8 b1m42
aware of strange situation
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
South Africa

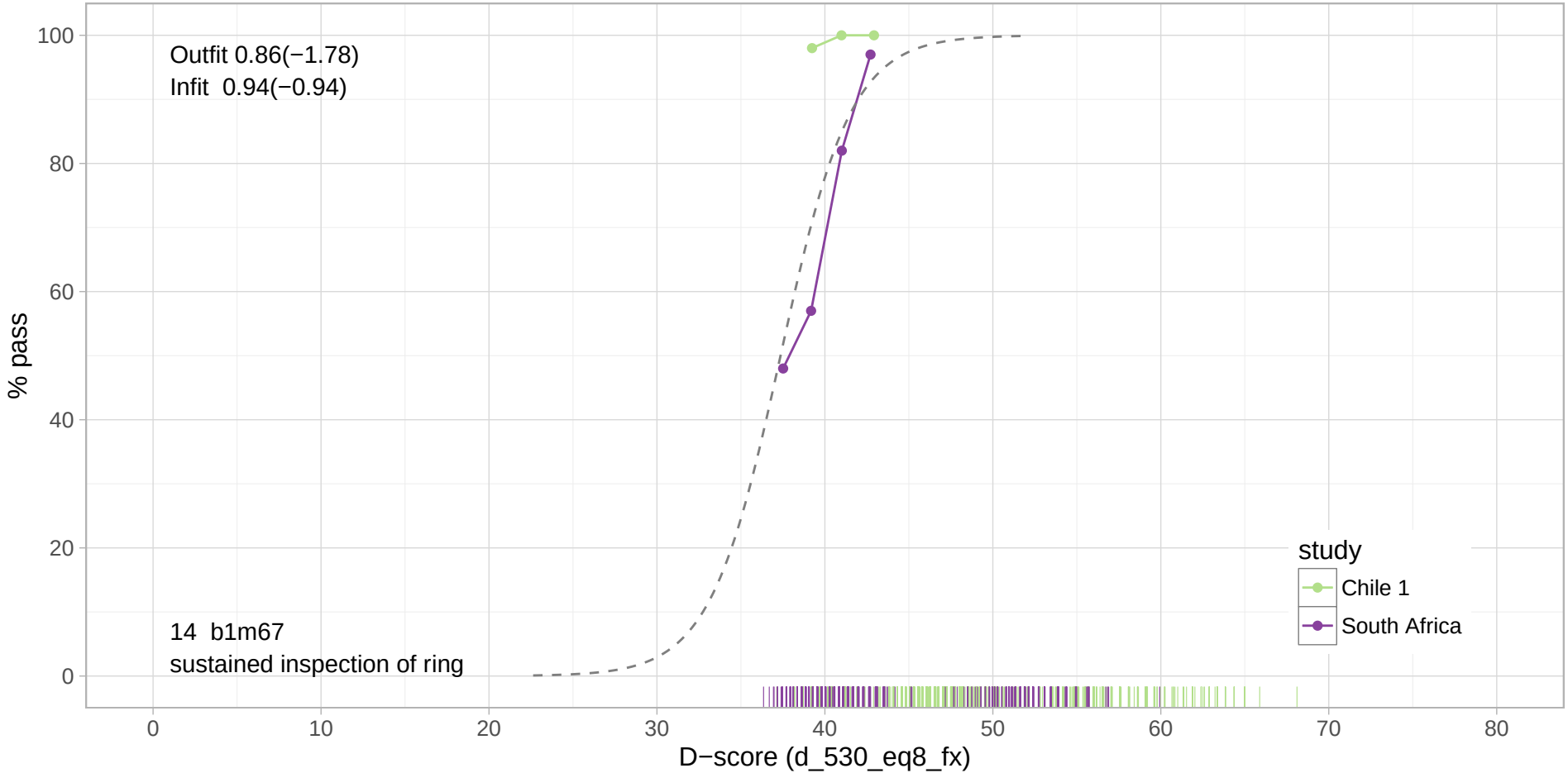

Outfit 1.4(1.64)
Infit 1.04(0.54)
9 b1m44
brings ring to mouth
study
South Africa
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

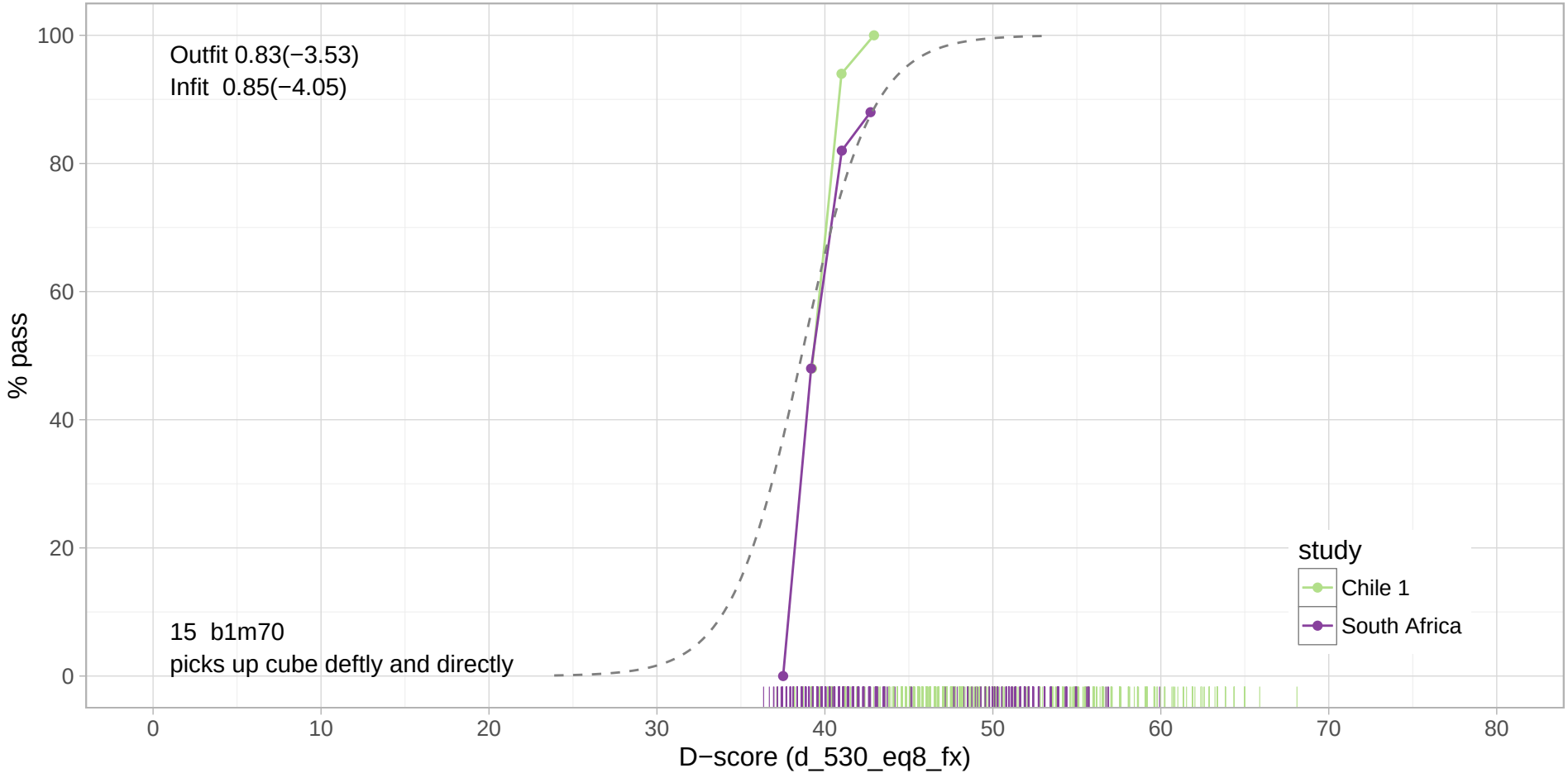

Outfit 0.88(−1.68)
Infit 0.89(−2.19)
10 b1m60
reaches persistently
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

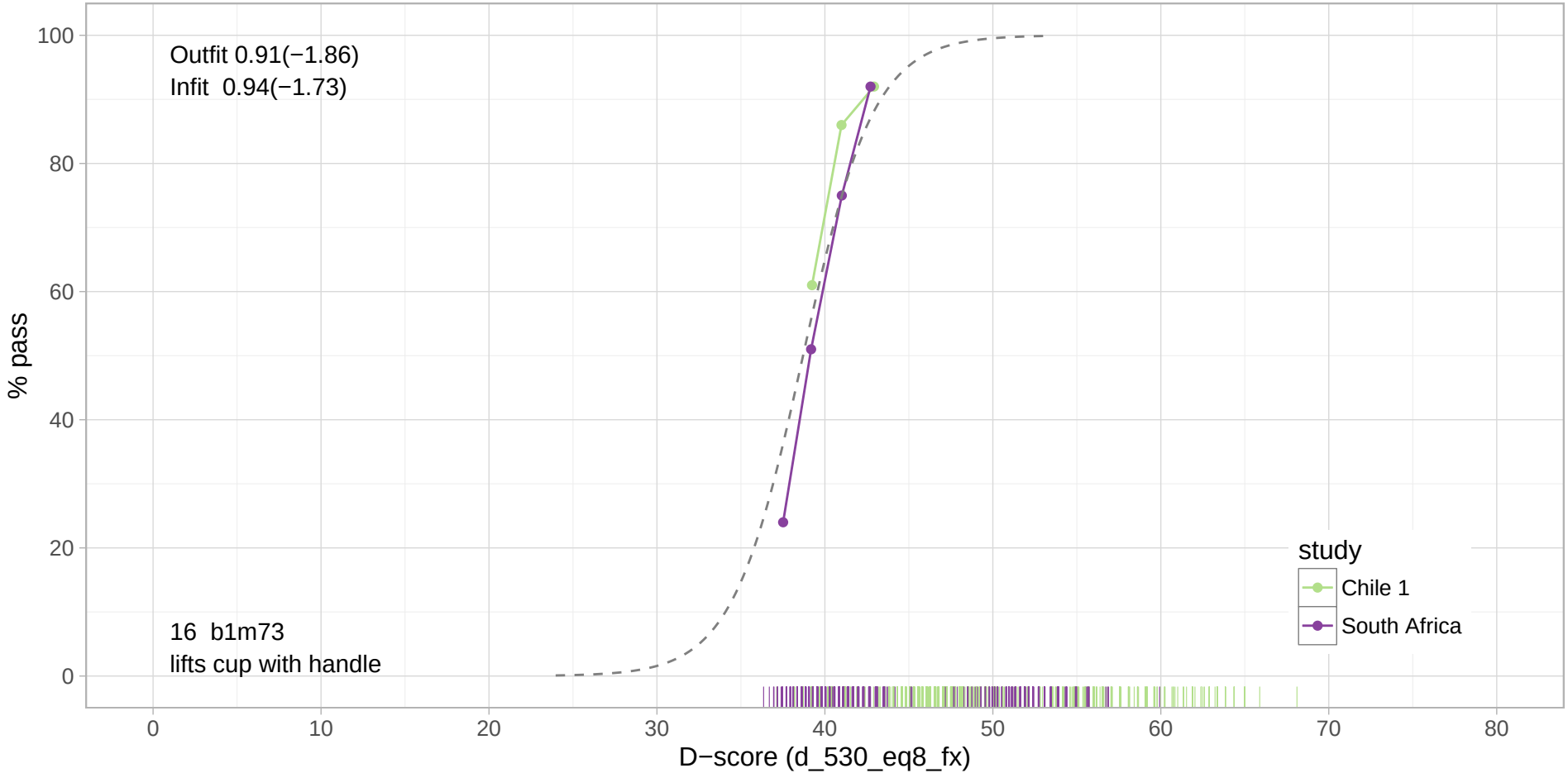

Outfit 1.18(1.76)
Infit 1.06(0.87)
11 b1m61
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

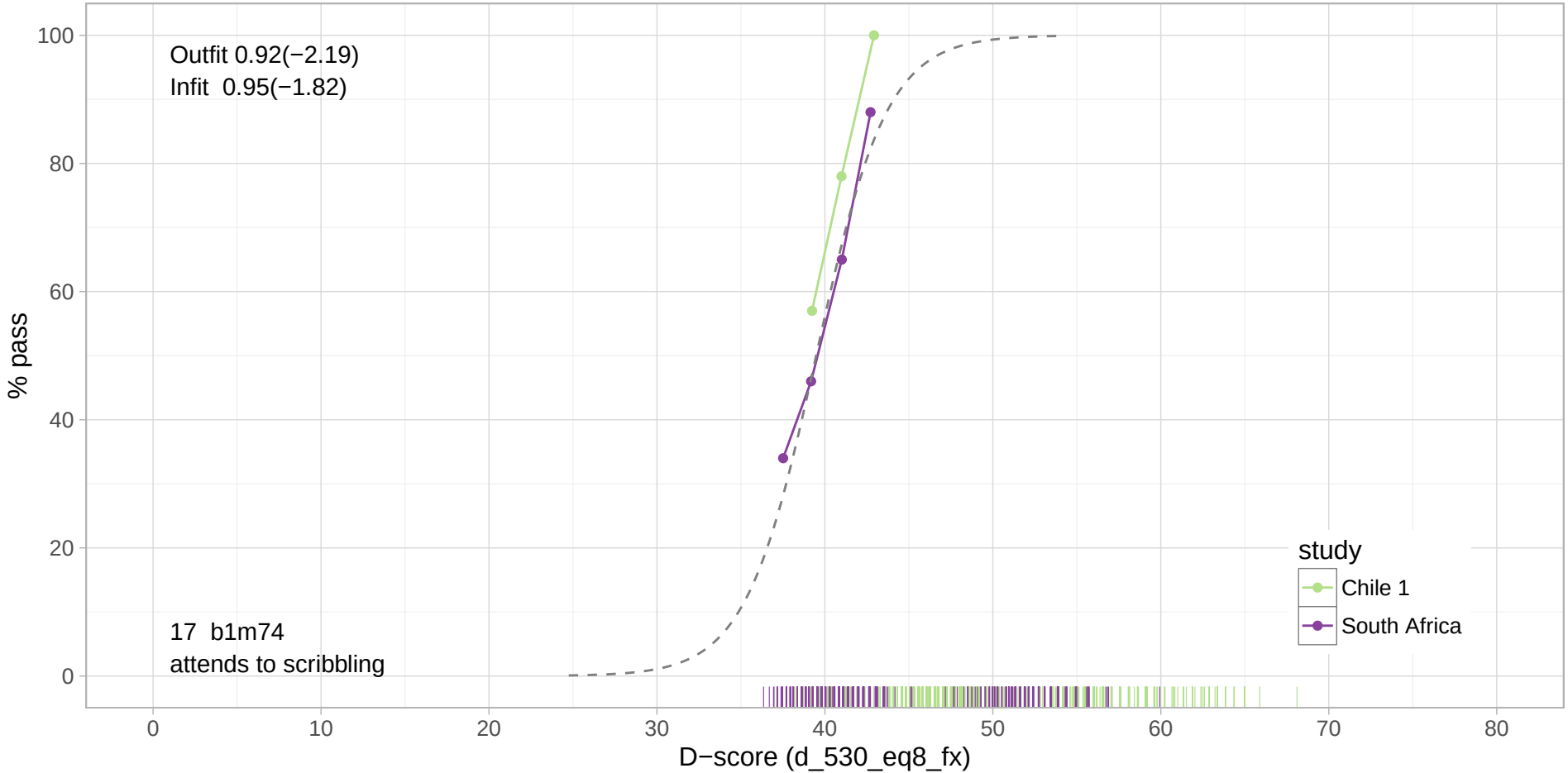

Outfit 0.77(−3.22)
Infit 0.89(−2.02)
12 b1m62
turns head after fallen spoon
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

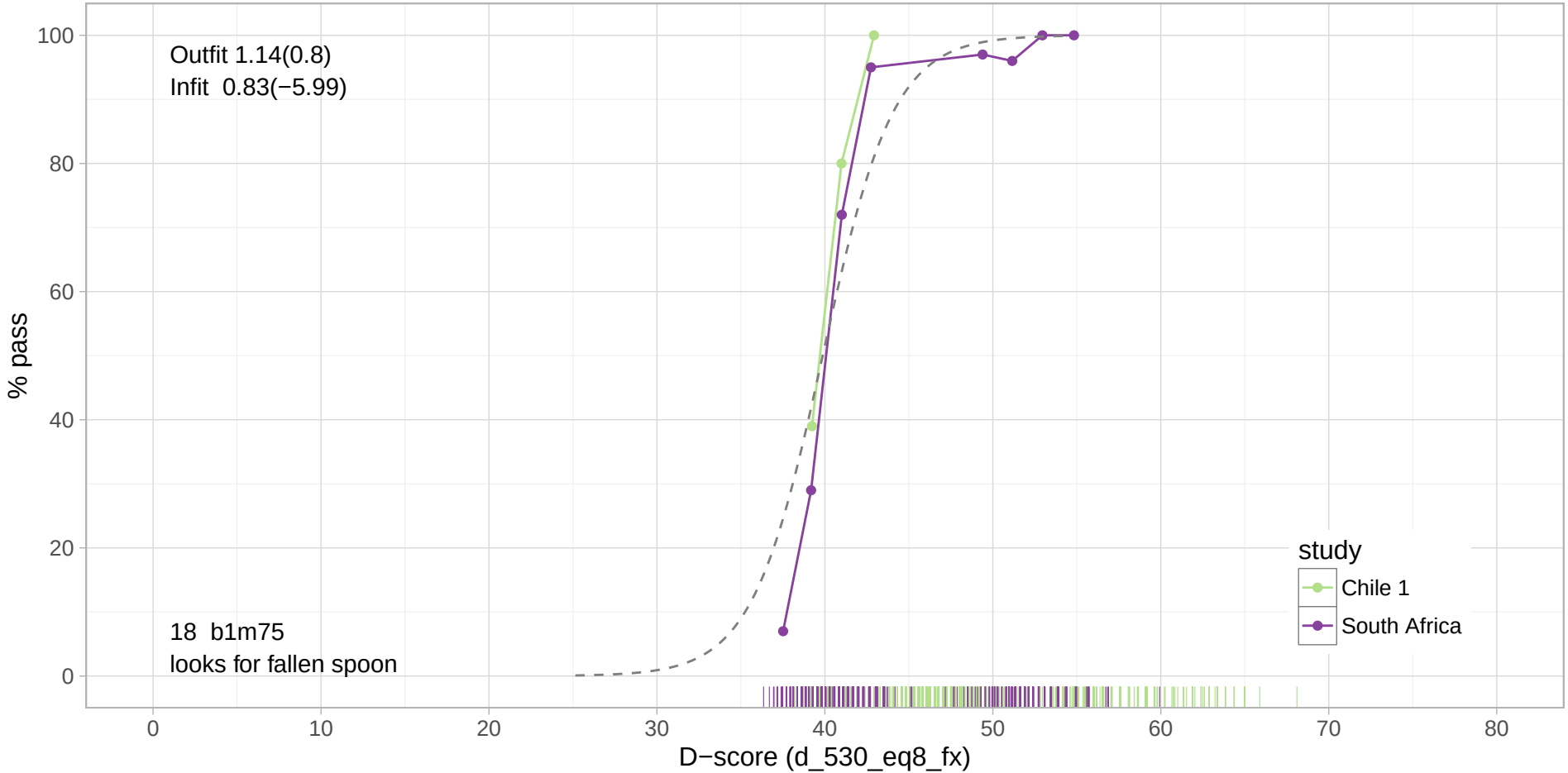

Outfit 0.98(−0.38)
Infit 1(−0.01)
13 b1m65
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

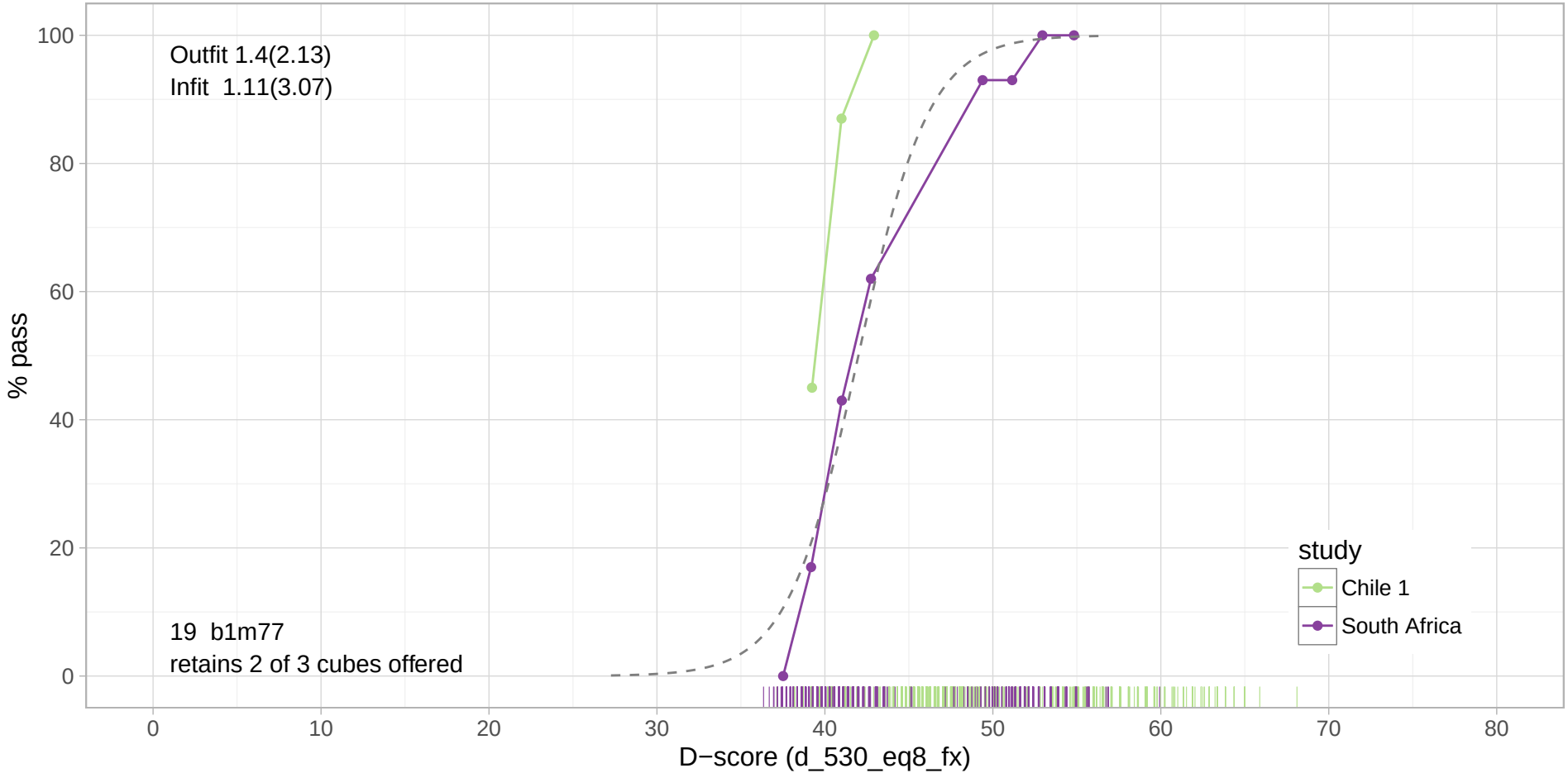

Outfit 0.86(−1.78)
Infit 0.94(−0.94)
14 b1m67
sustained inspection of ring
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

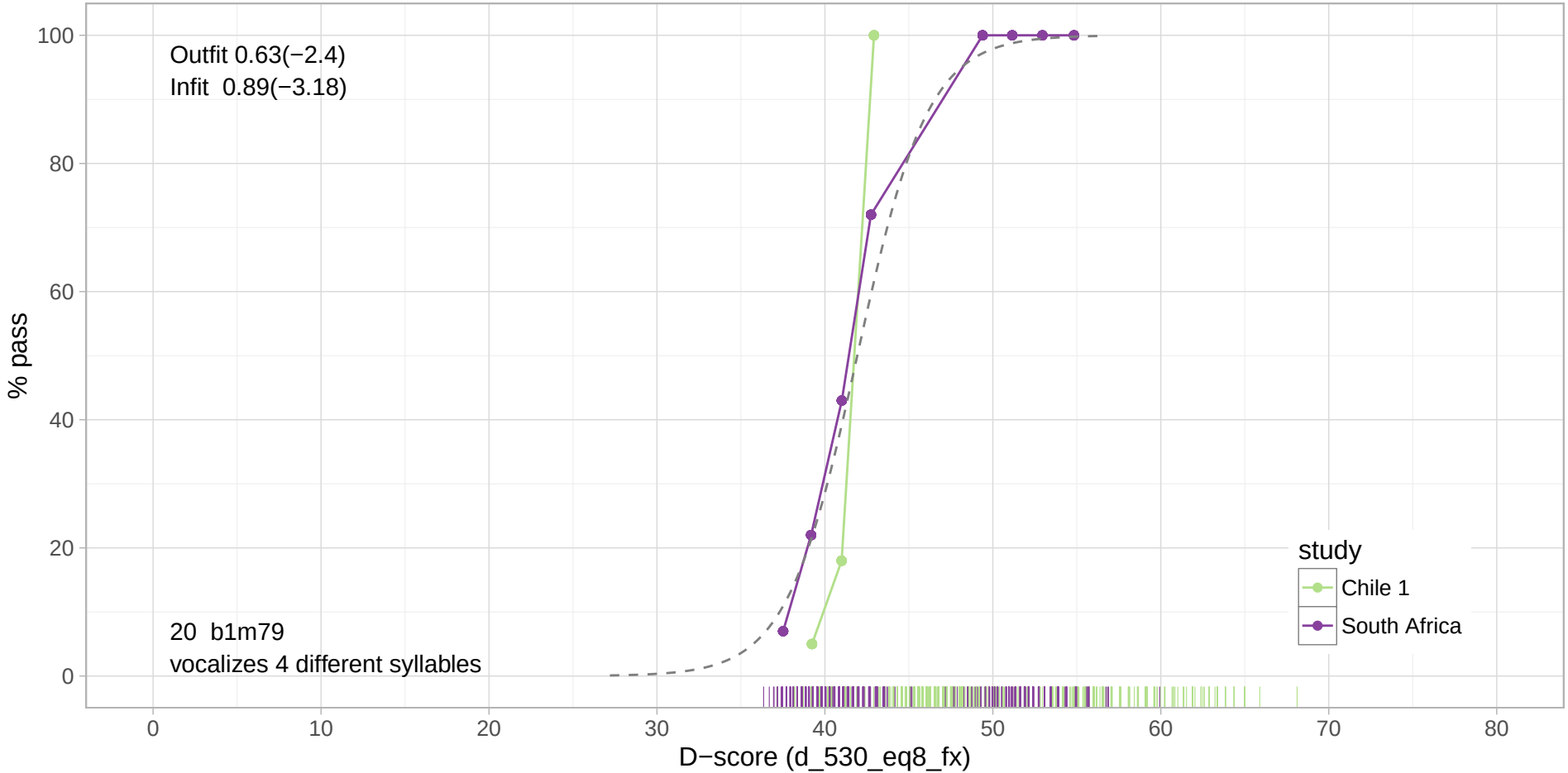

Outfit 0.83(−3.53)
Infit 0.85(−4.05)
15 b1m70
picks up cube deftly and directly
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

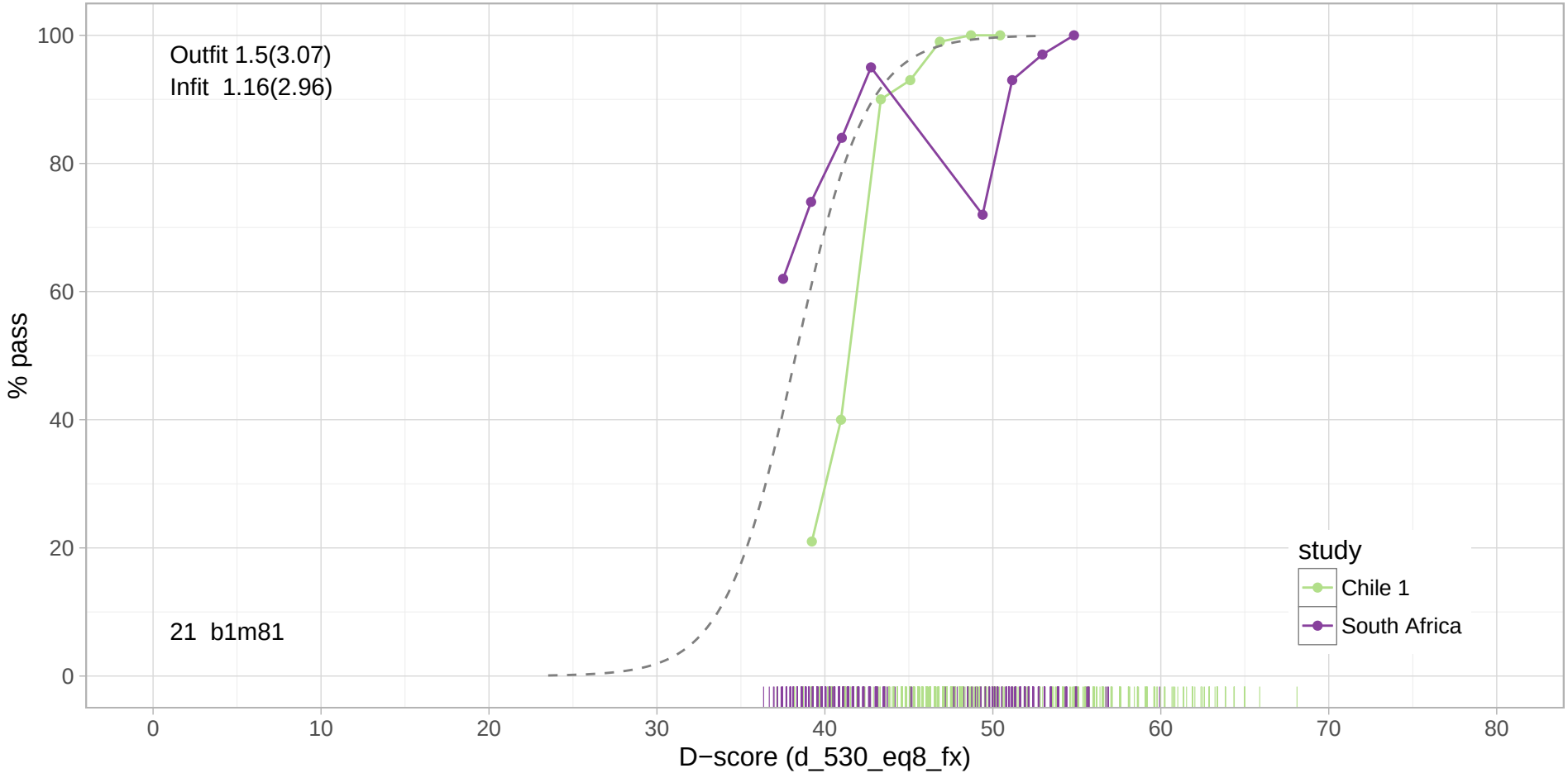

Outfit 0.91(−1.86)
Infit 0.94(−1.73)
16 b1m73
lifts cup with handle
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

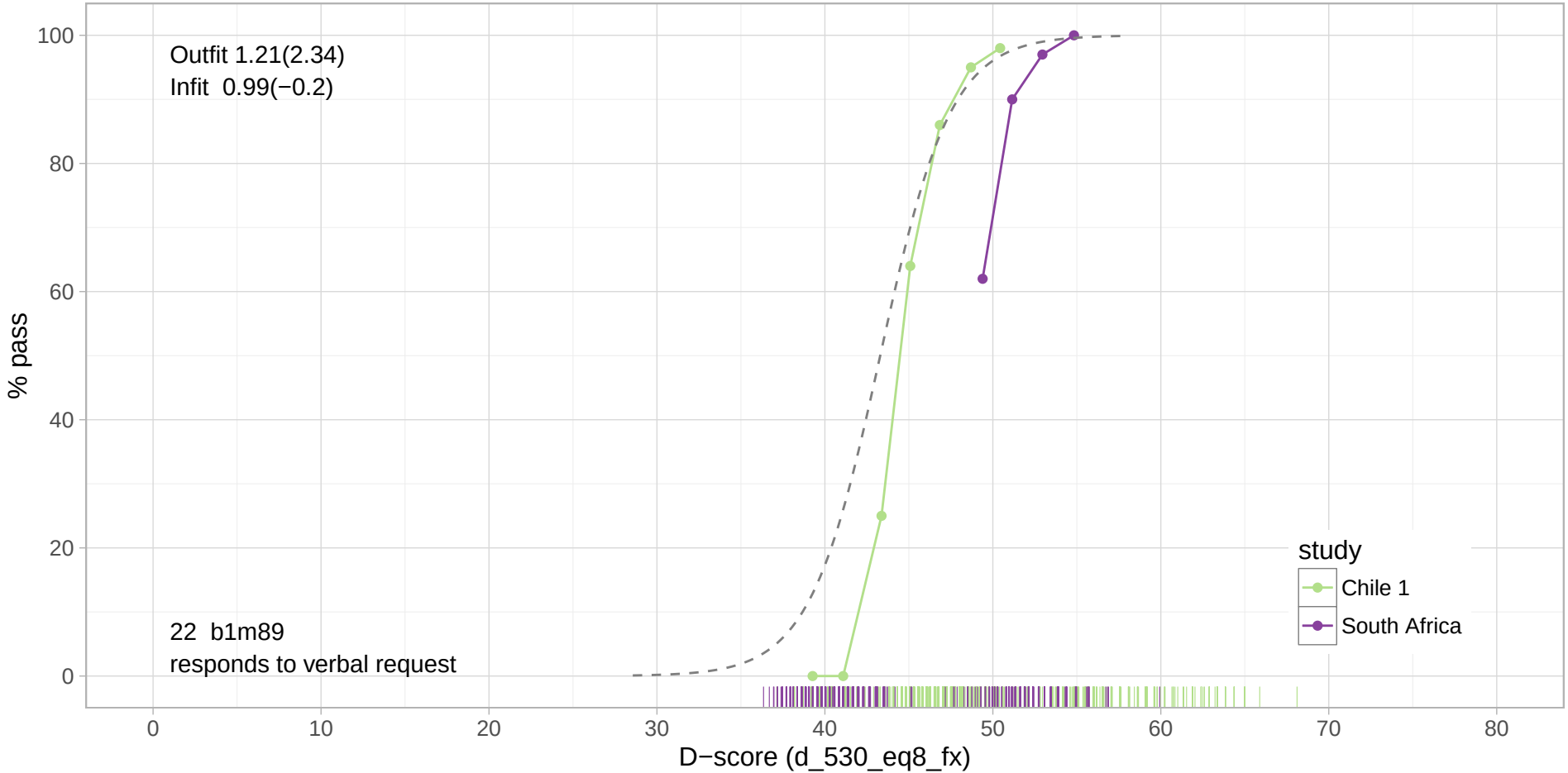

Outfit 0.92(−2.19)
Infit 0.95(−1.82)
17 b1m74
attends to scribbling
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

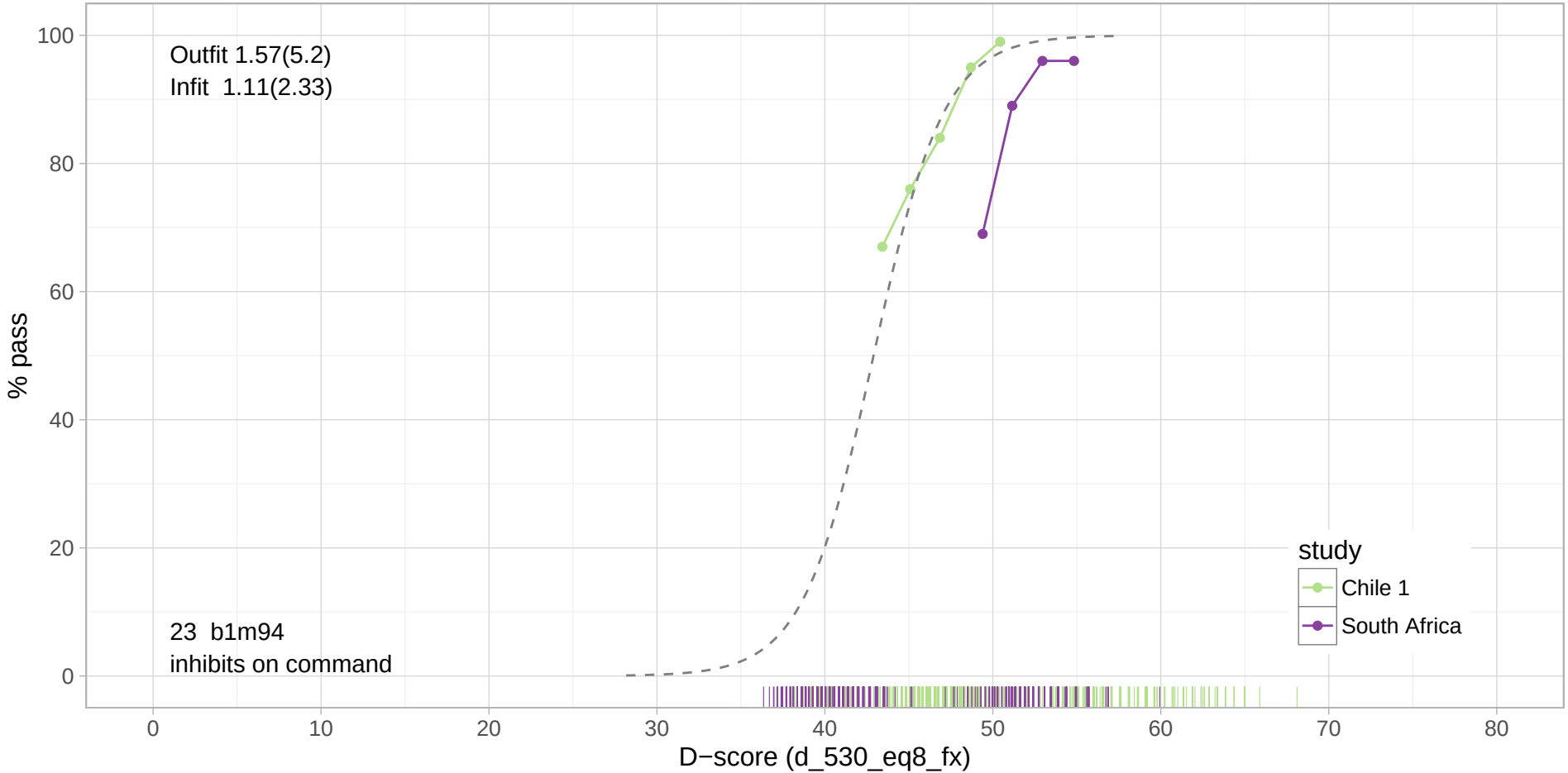

Outfit 1.14(0.8)
Infit 0.83(−5.99)
18 b1m75
looks for fallen spoon
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

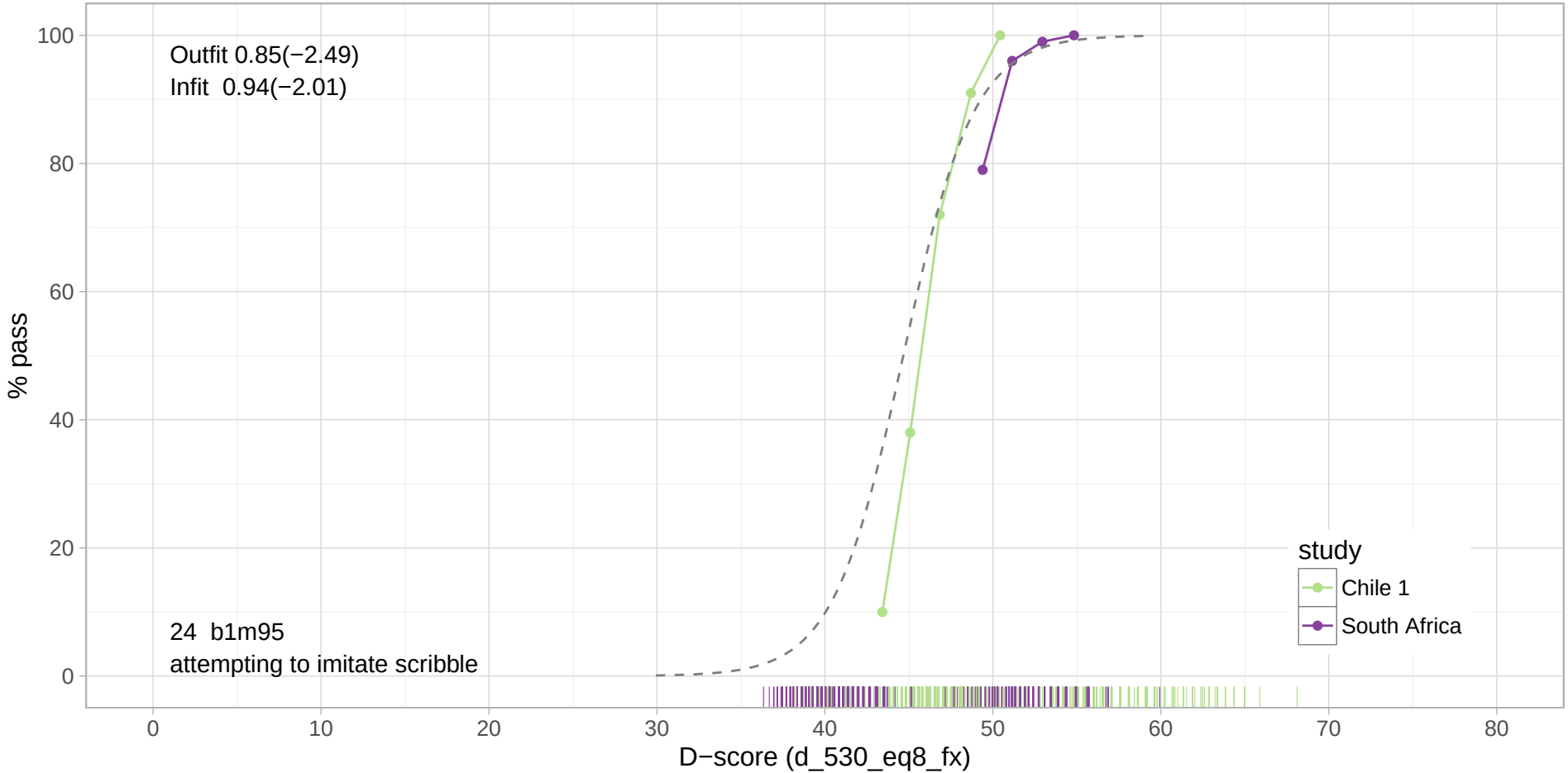

Outfit 1.4(2.13)
Infit 1.11(3.07)
19 b1m77
retains 2 of 3 cubes offered
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

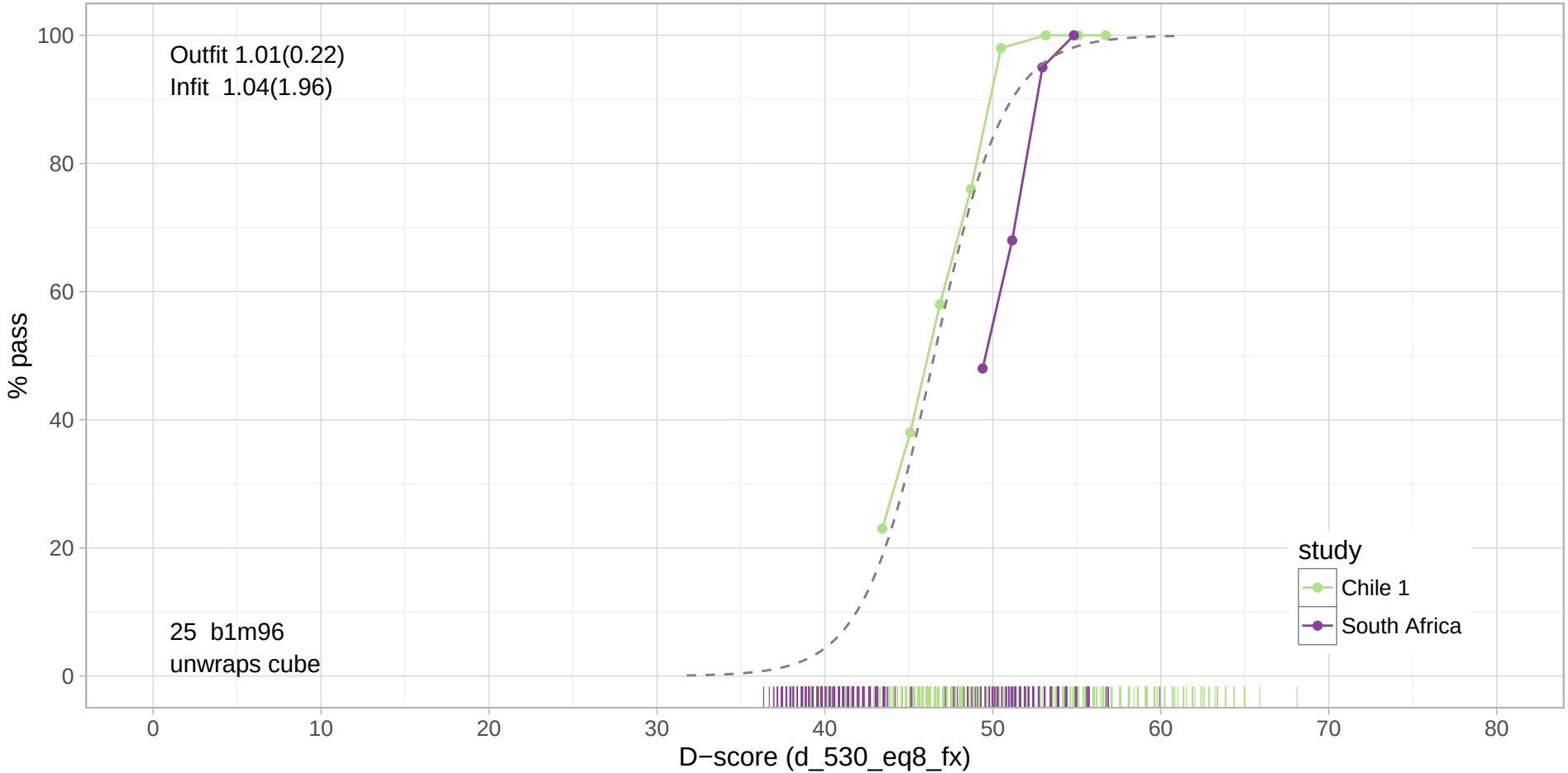

Outfit 0.63(−2.4)
Infit 0.89(−3.18)
20 b1m79
vocalizes 4 different syllables
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

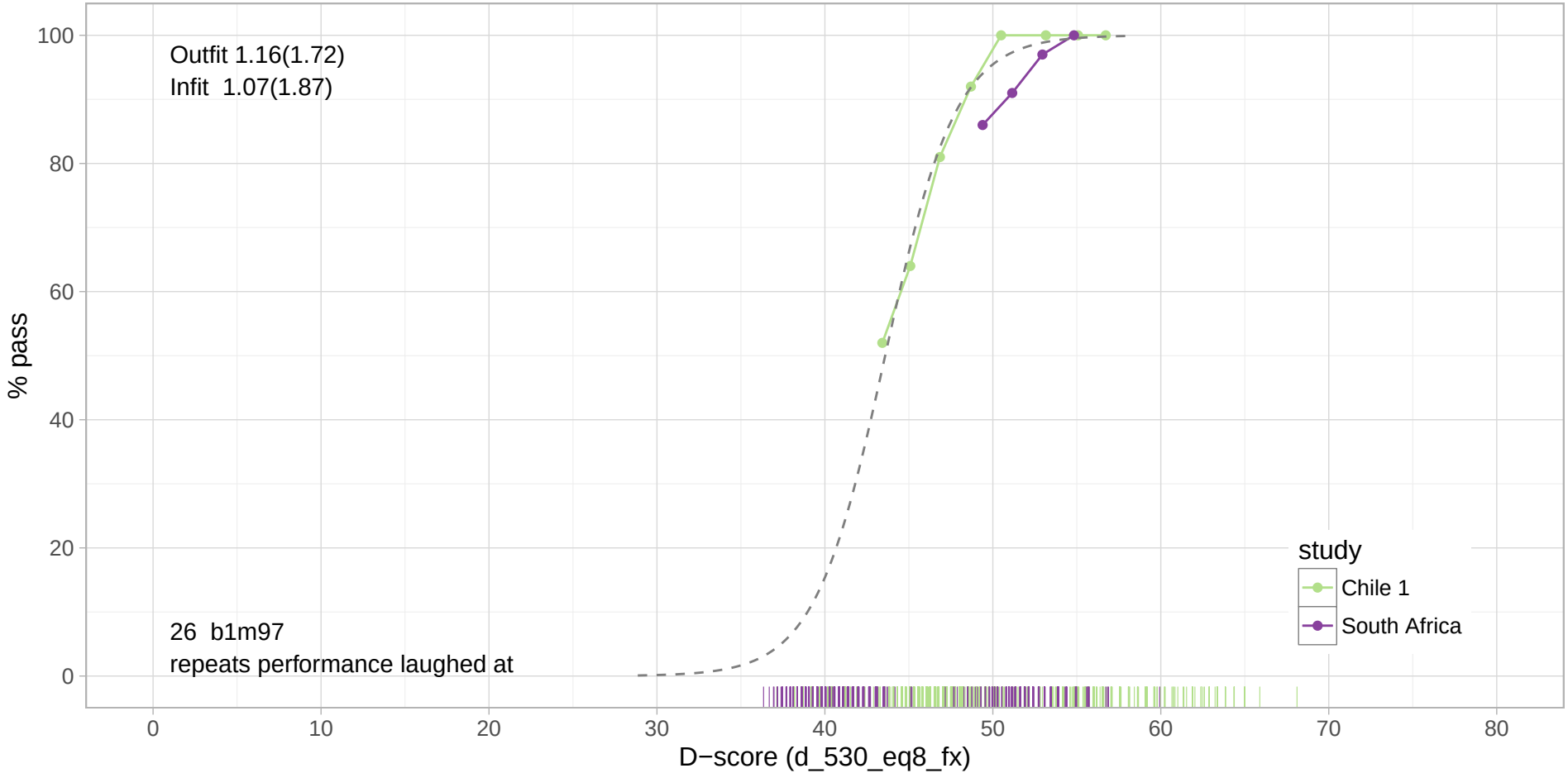

Outfit 1.5(3.07)
Infit 1.16(2.96)
21 b1m81
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

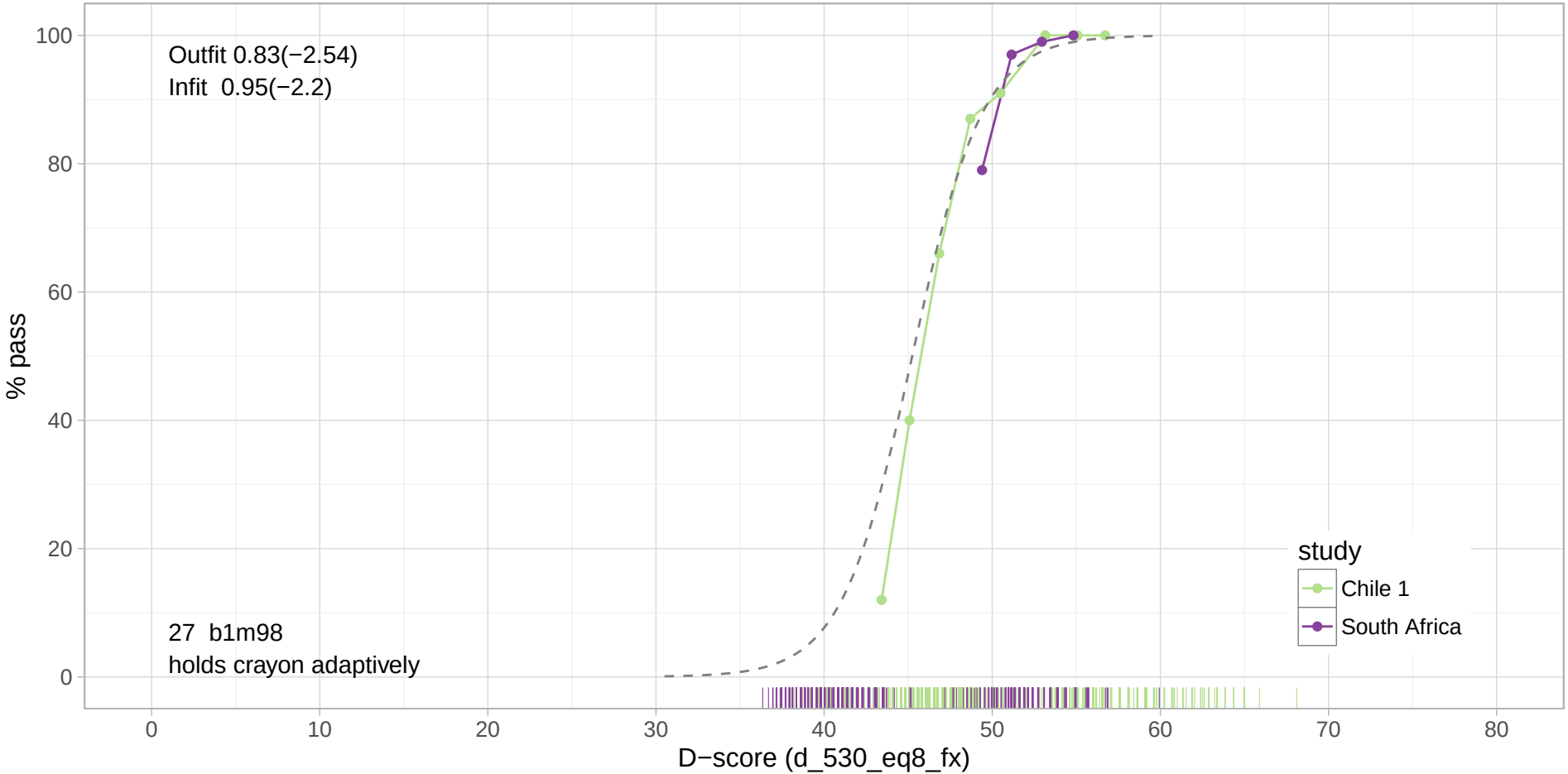

Outfit 1.21(2.34)
Infit 0.99(−0.2)
22 b1m89
responds to verbal request
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

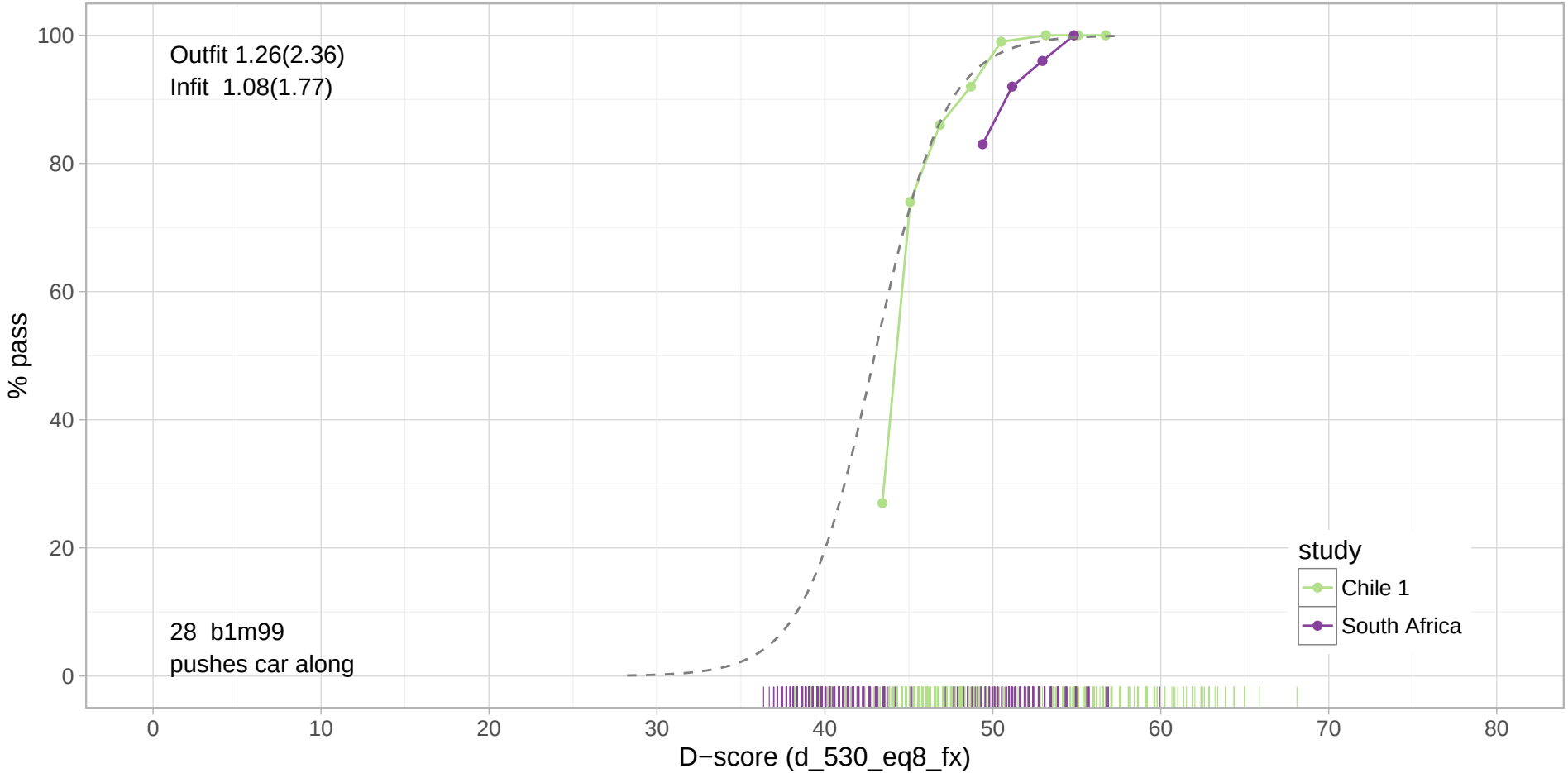

Outfit 1.57(5.2)
Infit 1.11(2.33)
23 b1m94
inhibits on command
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

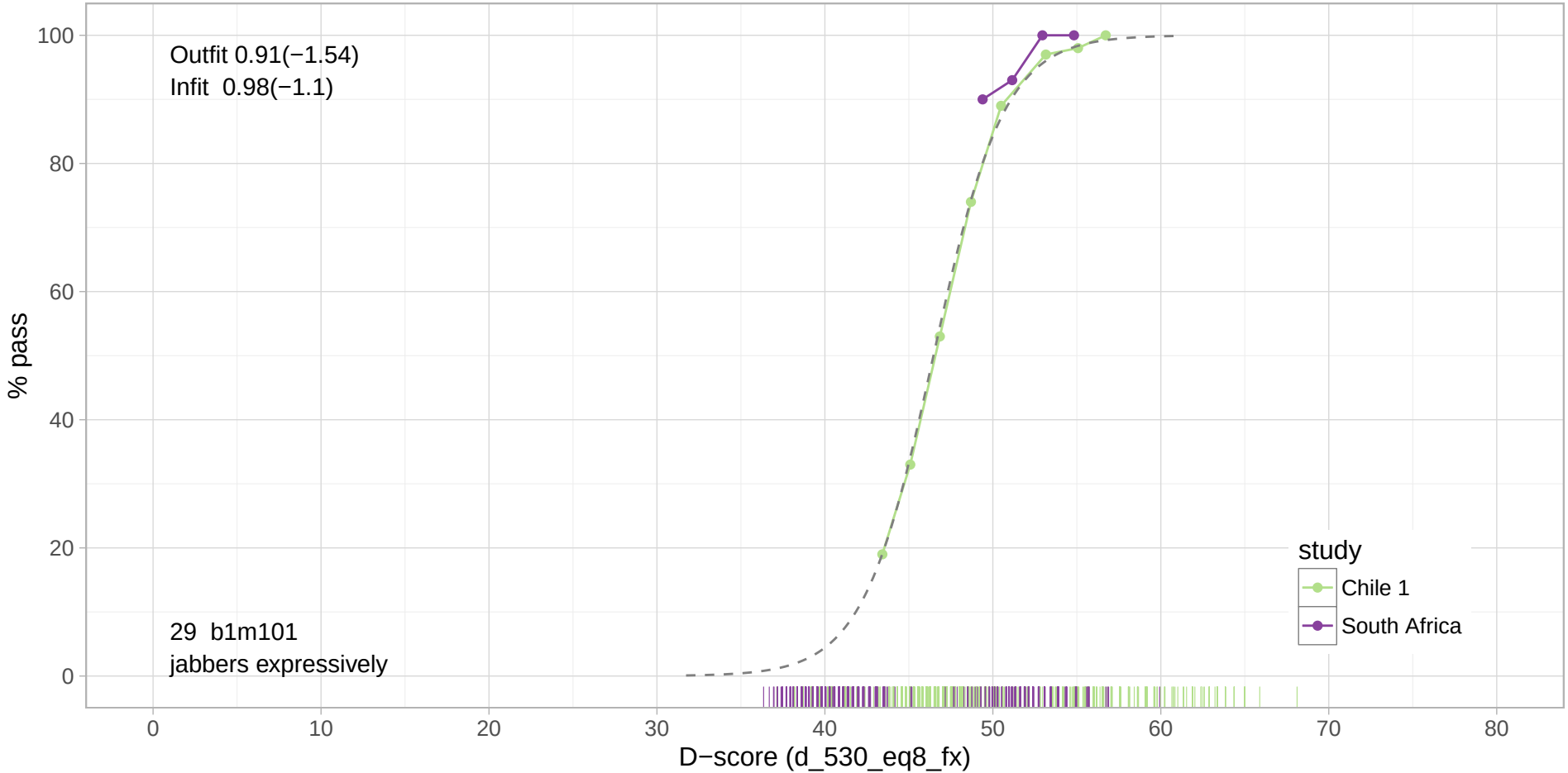

Outfit 0.85(−2.49)
Infit 0.94(−2.01)
24 b1m95
attempting to imitate scribble
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

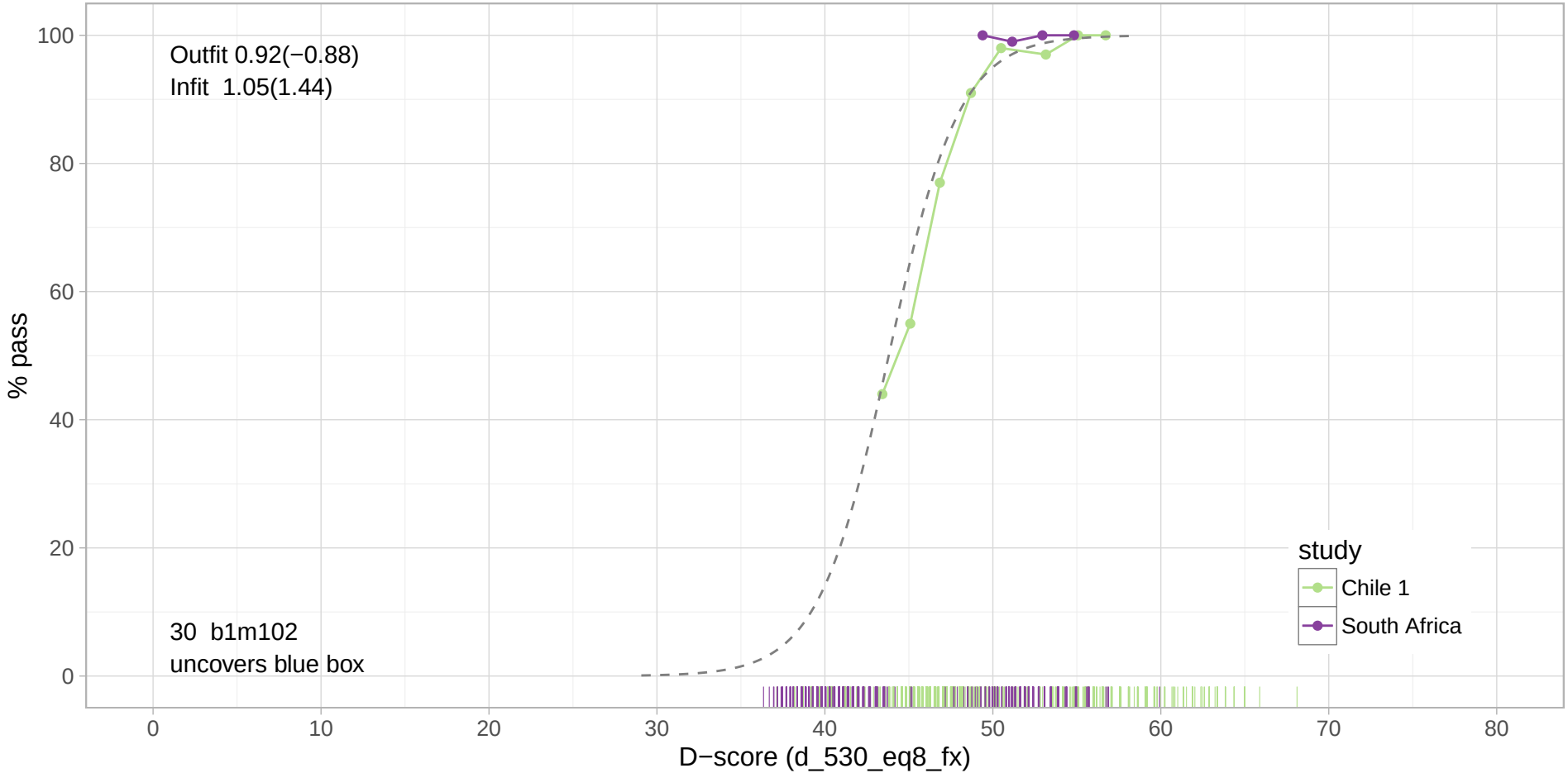

Outfit 1.01(0.22)
Infit 1.04(1.96)
25 b1m96
unwraps cube
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

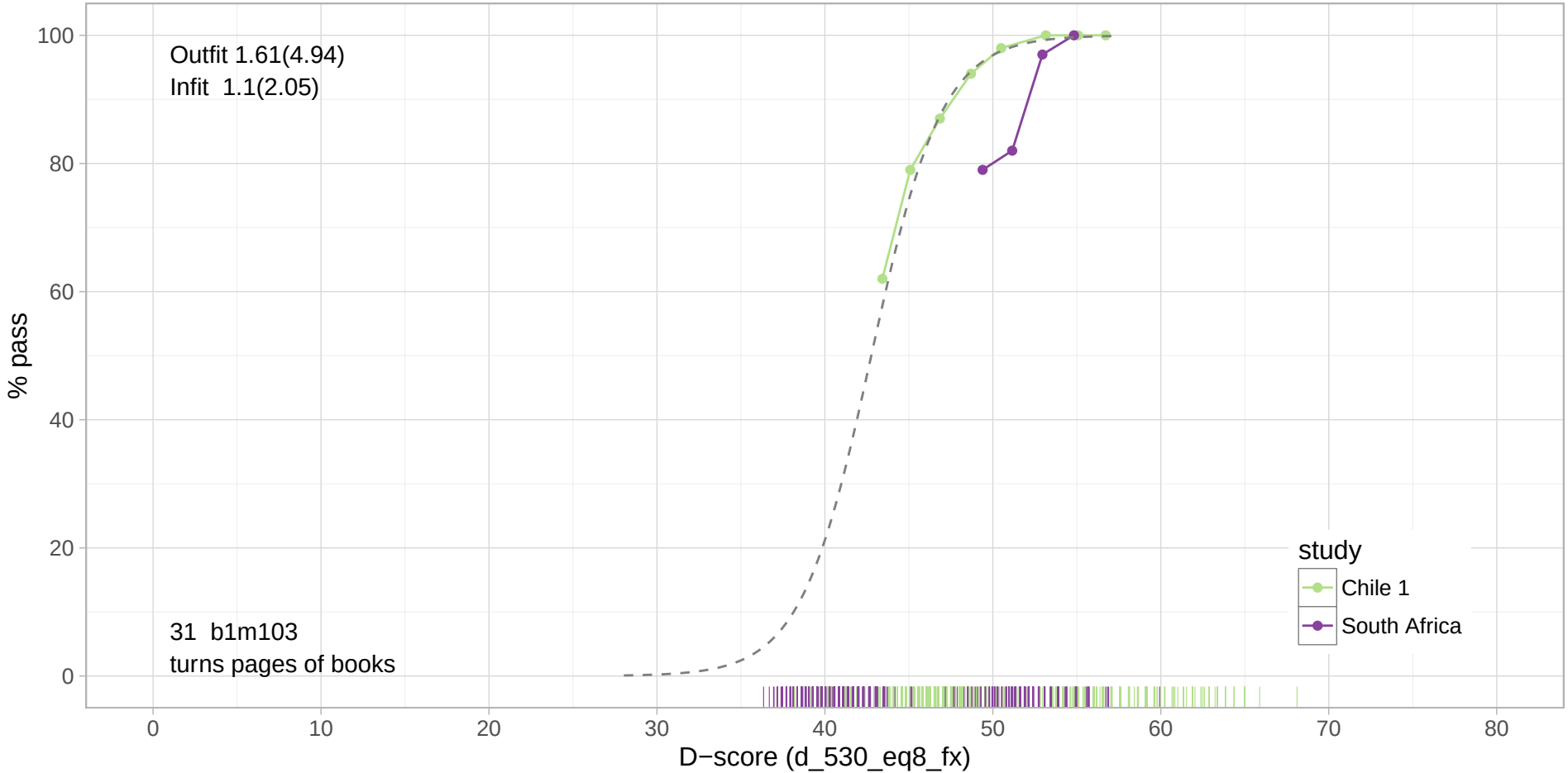

Outfit 1.16(1.72)
Infit 1.07(1.87)
26 b1m97
repeats performance laughed at
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

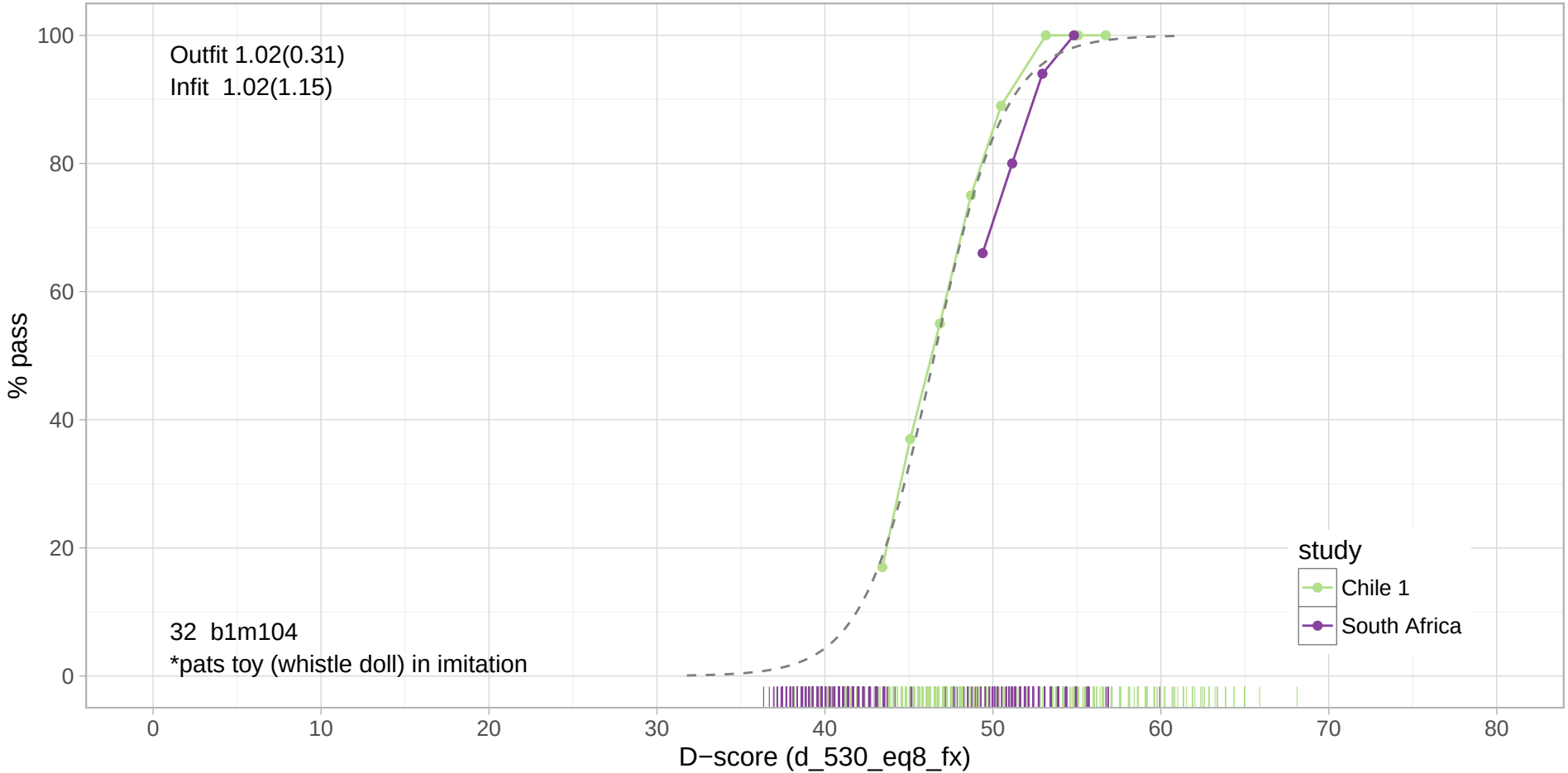

Outfit 0.83(−2.54)
Infit 0.95(−2.2)
27 b1m98
holds crayon adaptively
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

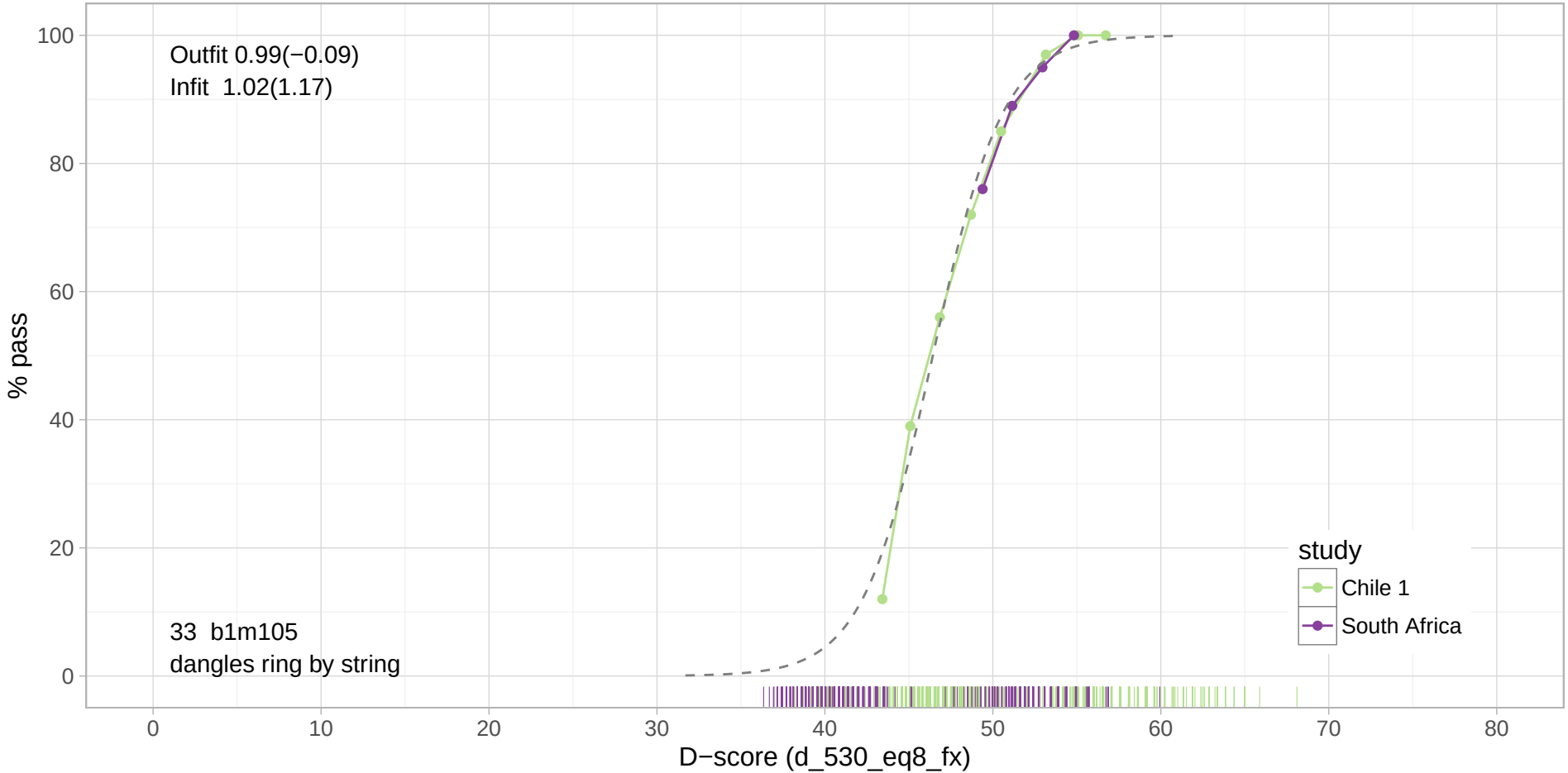

Outfit 1.26(2.36)
Infit 1.08(1.77)
28 b1m99
pushes car along
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

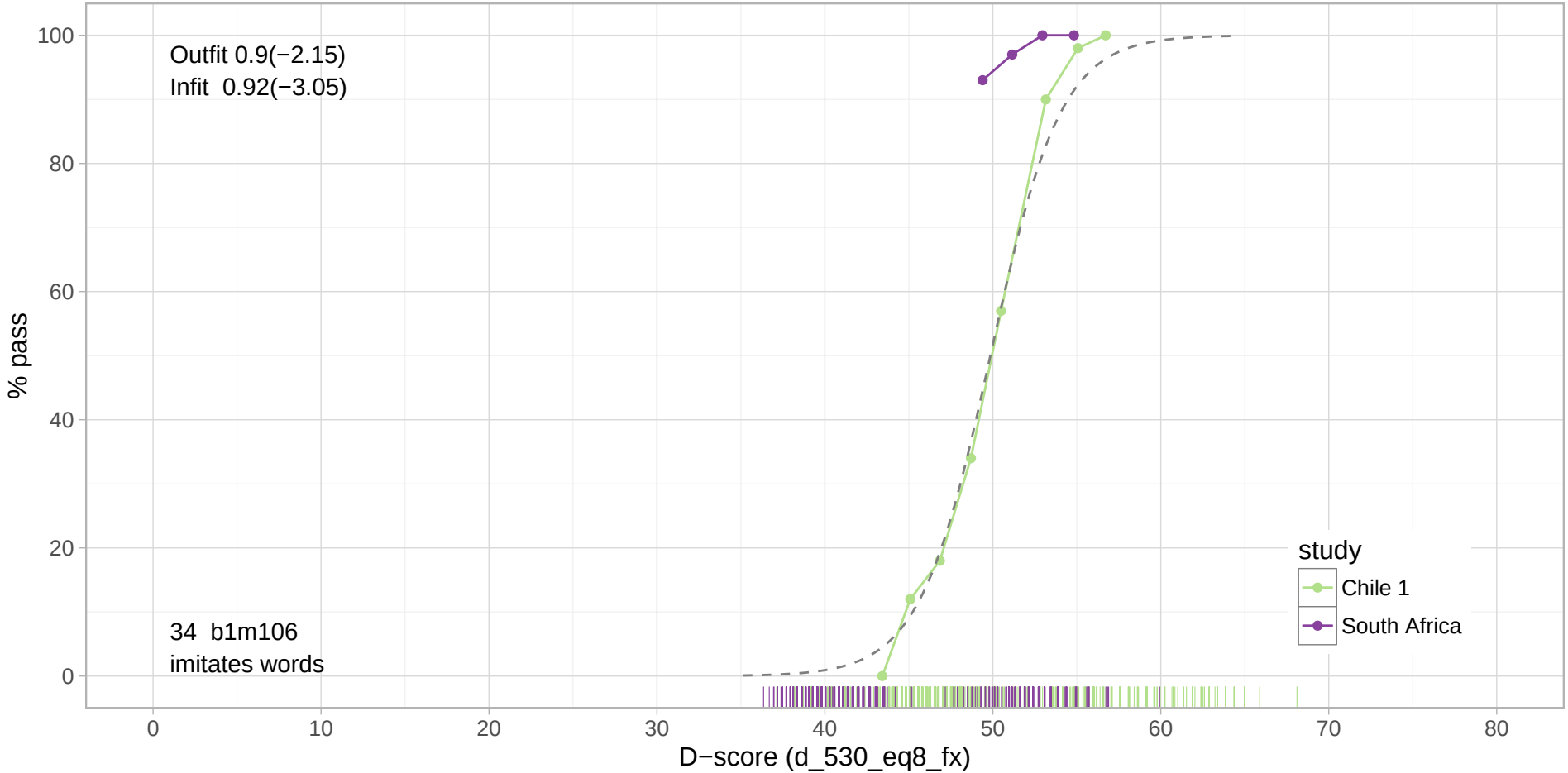

Outfit 0.91(−1.54)
Infit 0.98(−1.1)
29 b1m101
jabbers expressively
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

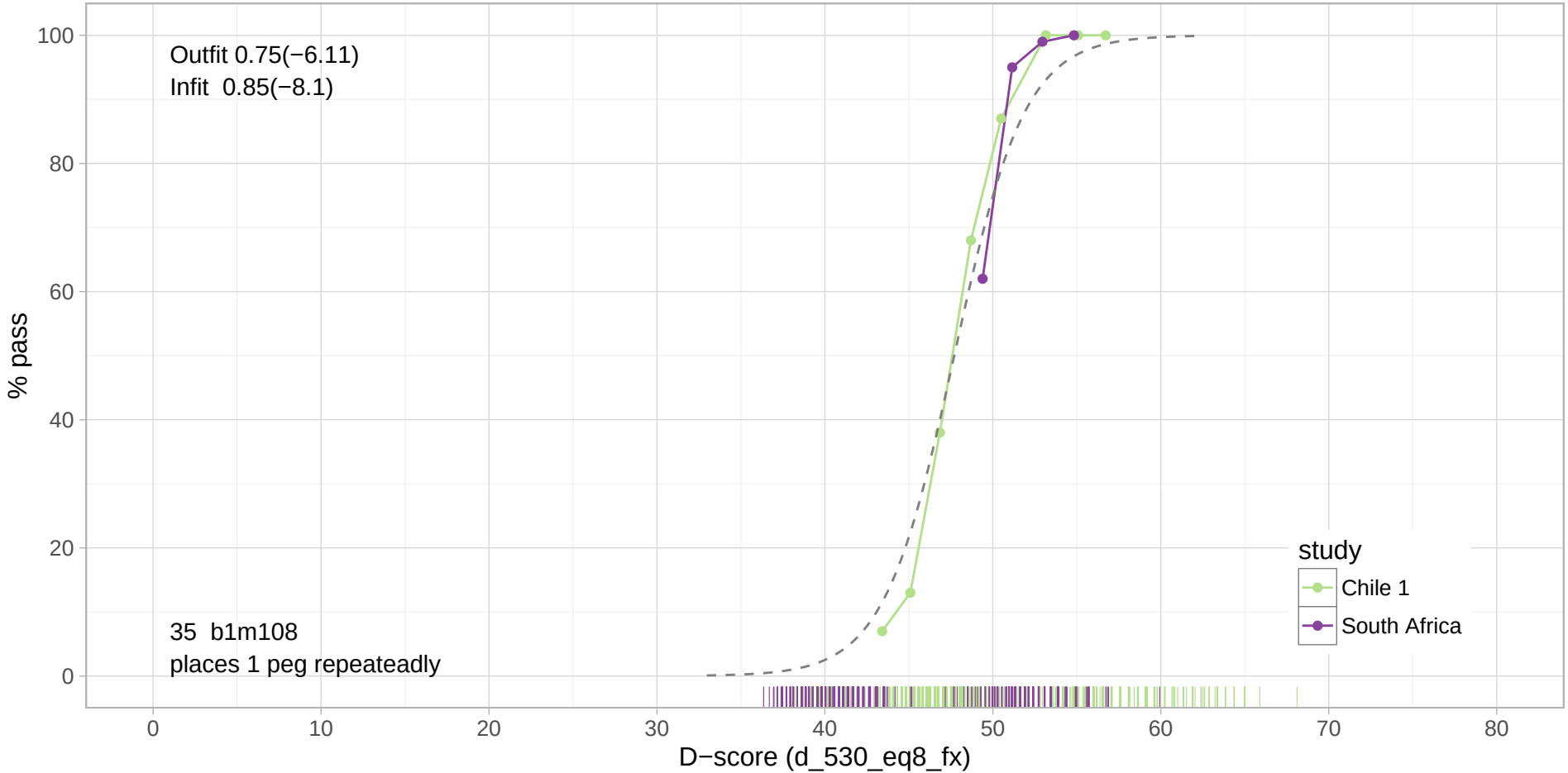

Outfit 0.92(−0.88)
Infit 1.05(1.44)
30 b1m102
uncovers blue box
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

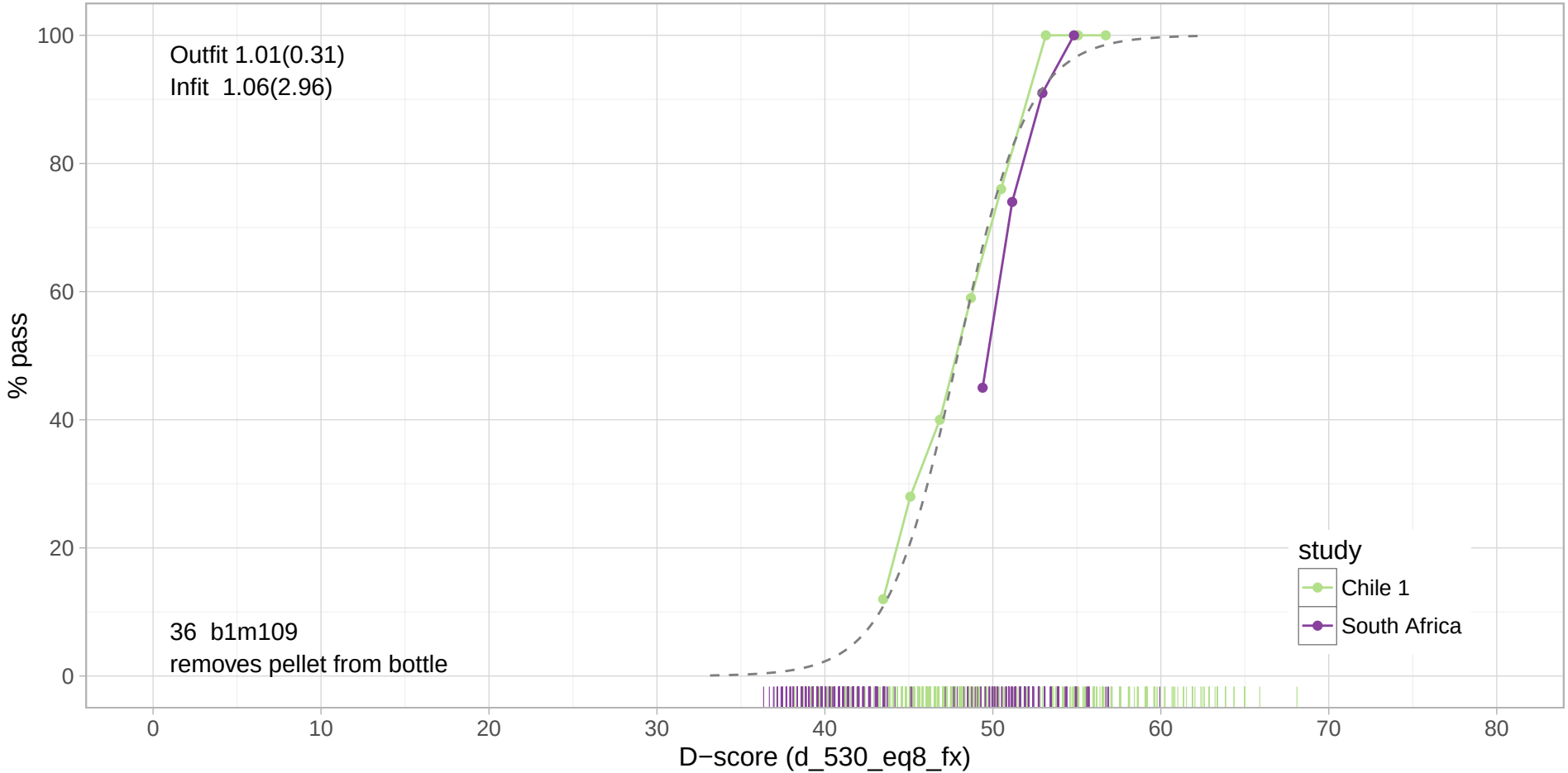

Outfit 1.61(4.94)
Infit 1.1(2.05)
31 b1m103
turns pages of books
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

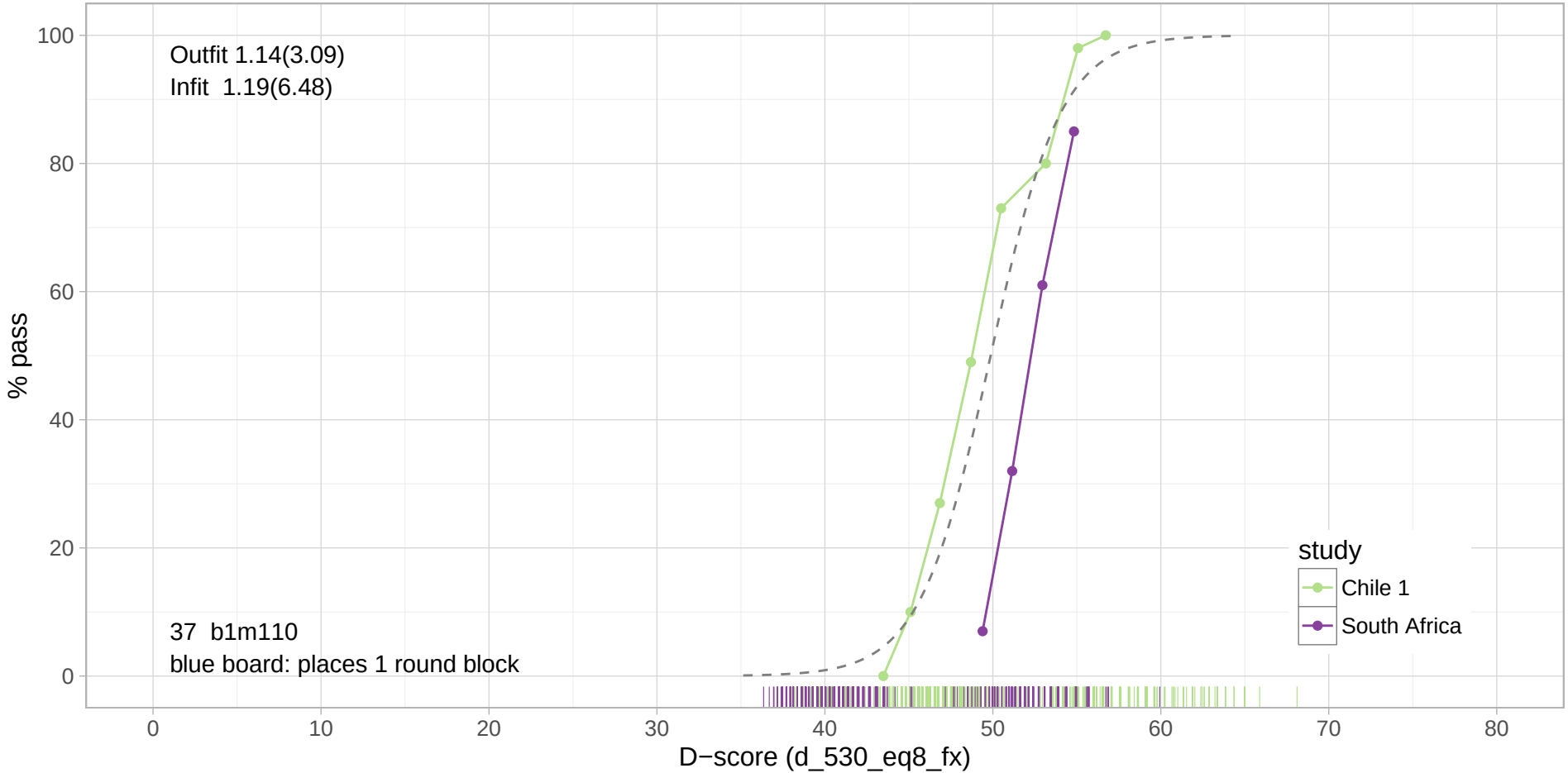

Outfit 1.02(0.31)
Infit 1.02(1.15)
32 b1m104
*pats toy (whistle doll) in imitation
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

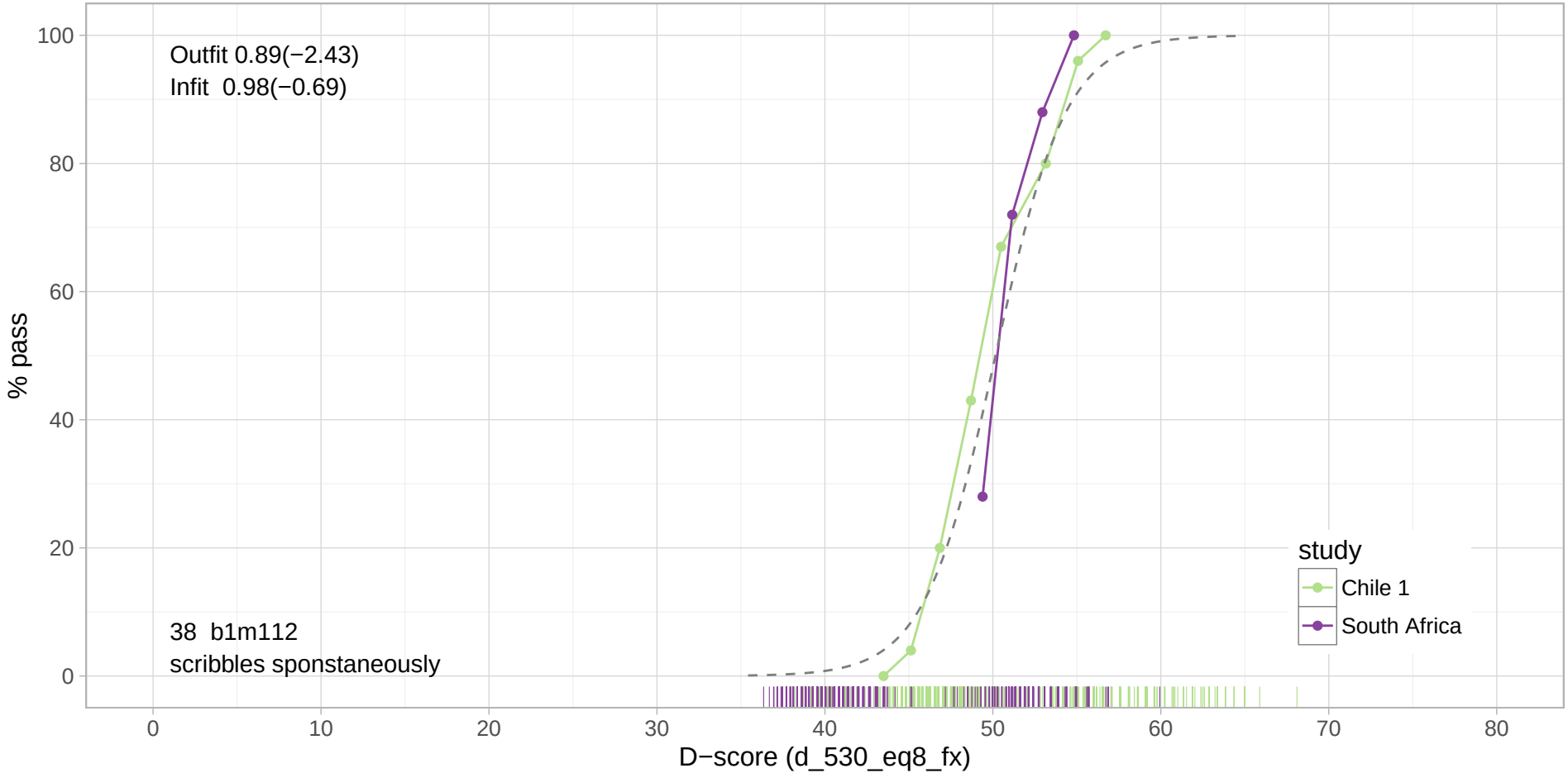

Outfit 0.99(−0.09)
Infit 1.02(1.17)
33 b1m105
dangles ring by string
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

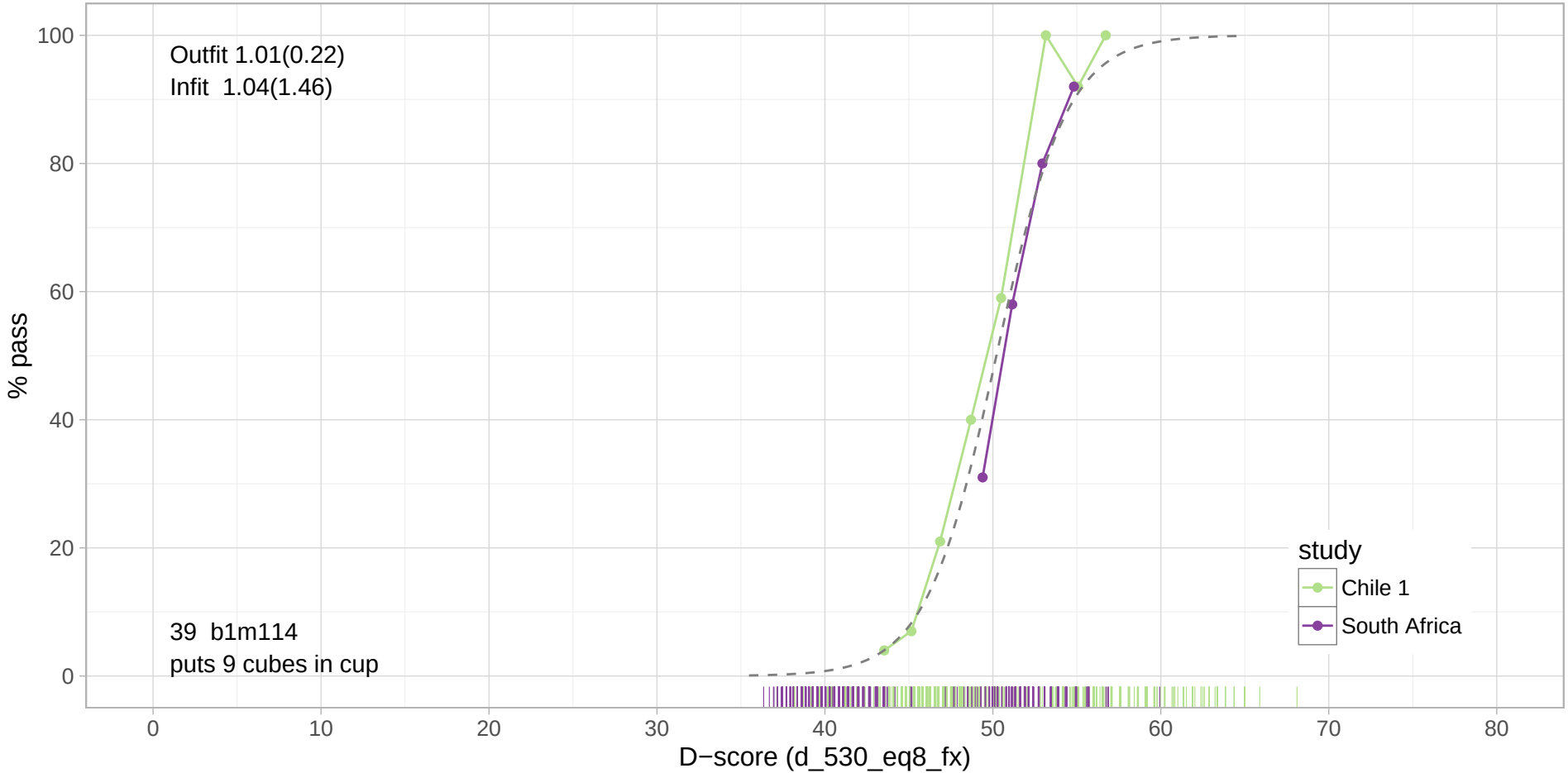

Outfit 0.9(−2.15)
Infit 0.92(−3.05)
34 b1m106
imitates words
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

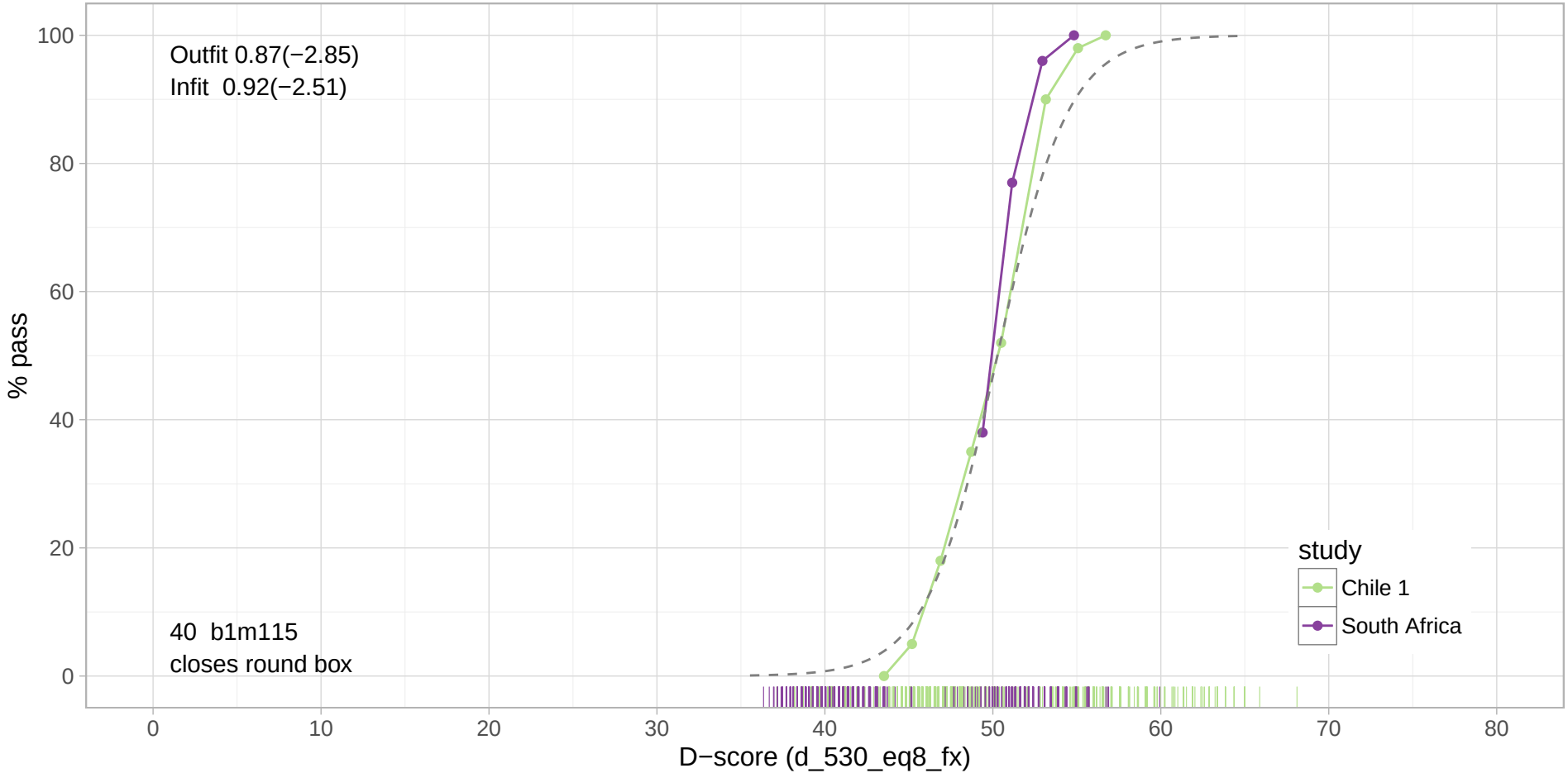

Outfit 0.75(−6.11)
Infit 0.85(−8.1)
35 b1m108
places 1 peg repeateadly
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

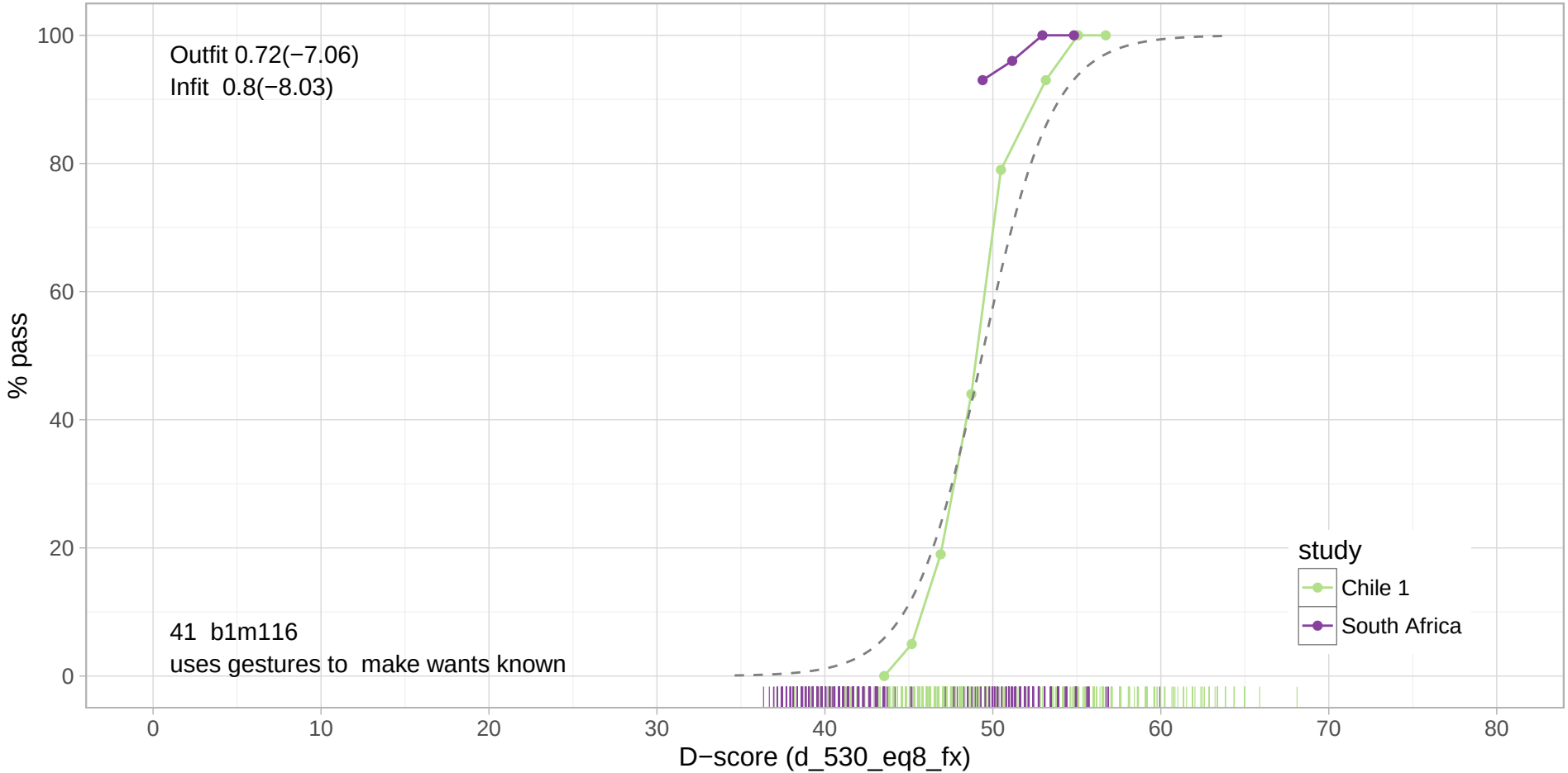

Outfit 1.01(0.31)
Infit 1.06(2.96)
36 b1m109
removes pellet from bottle
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

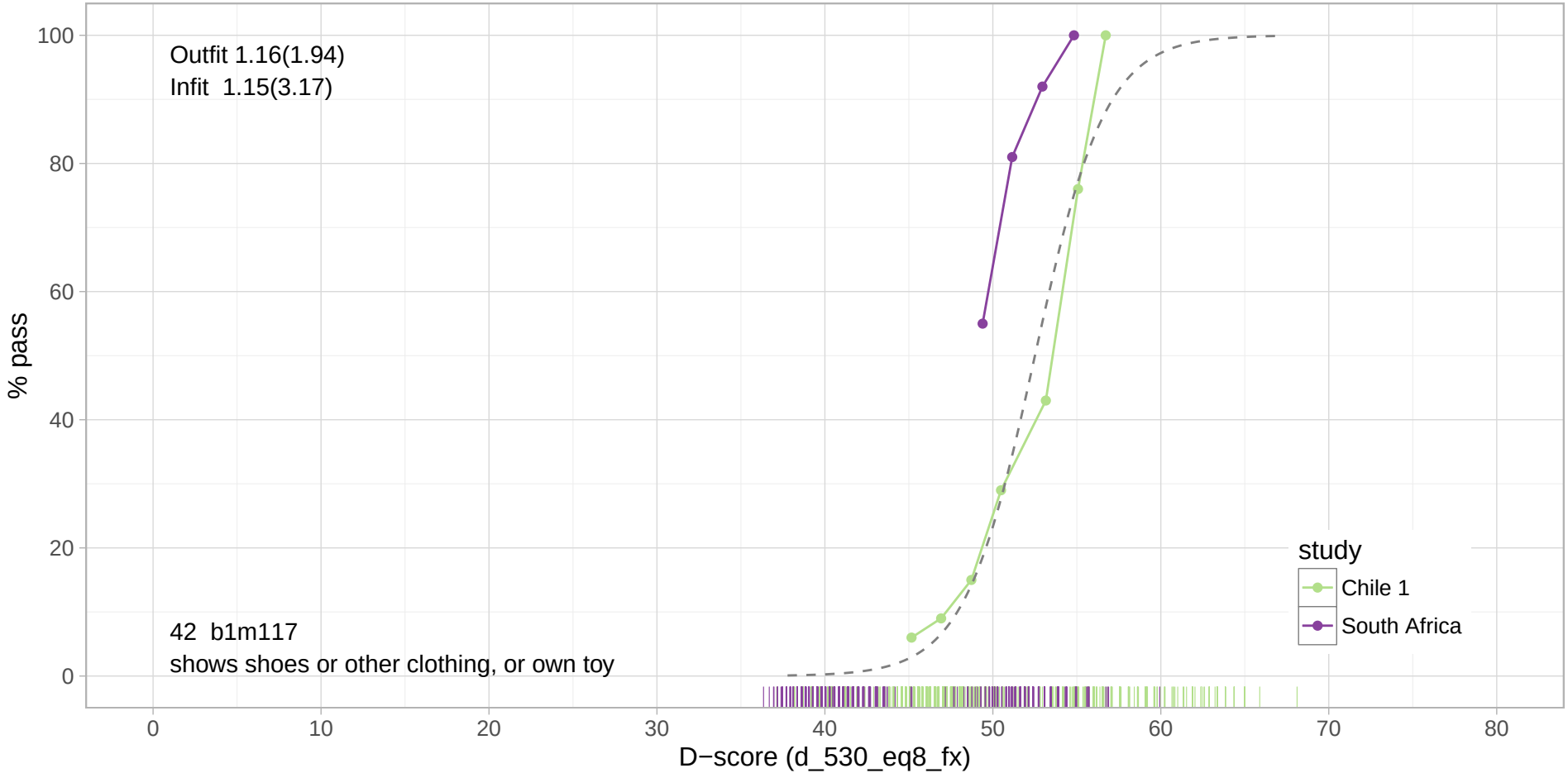

Outfit 1.14(3.09)
Infit 1.19(6.48)
37 b1m110
blue board: places 1 round block
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

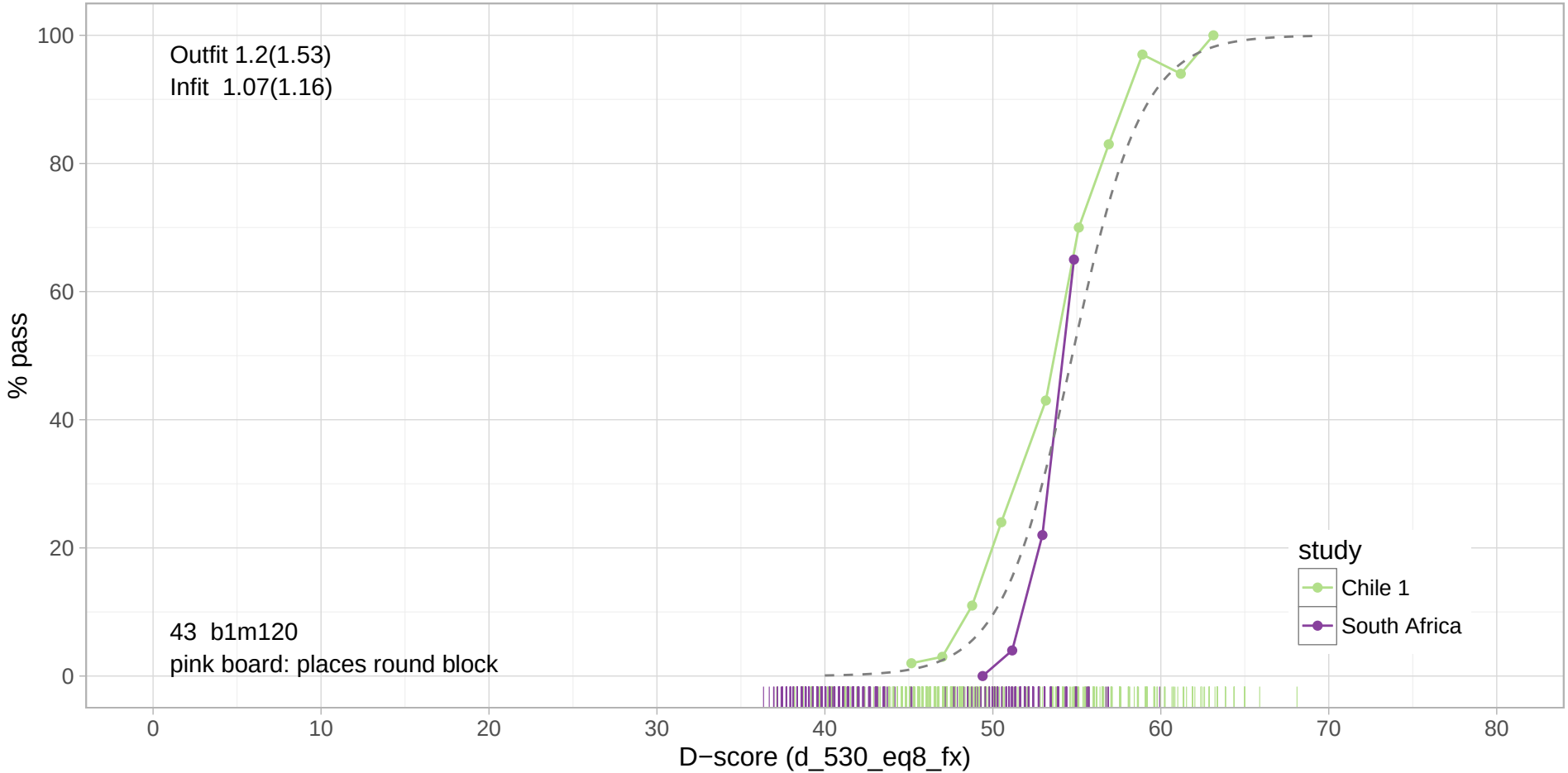

Outfit 0.89(−2.43)
Infit 0.98(−0.69)
38 b1m112
scribbles sponstaneously
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

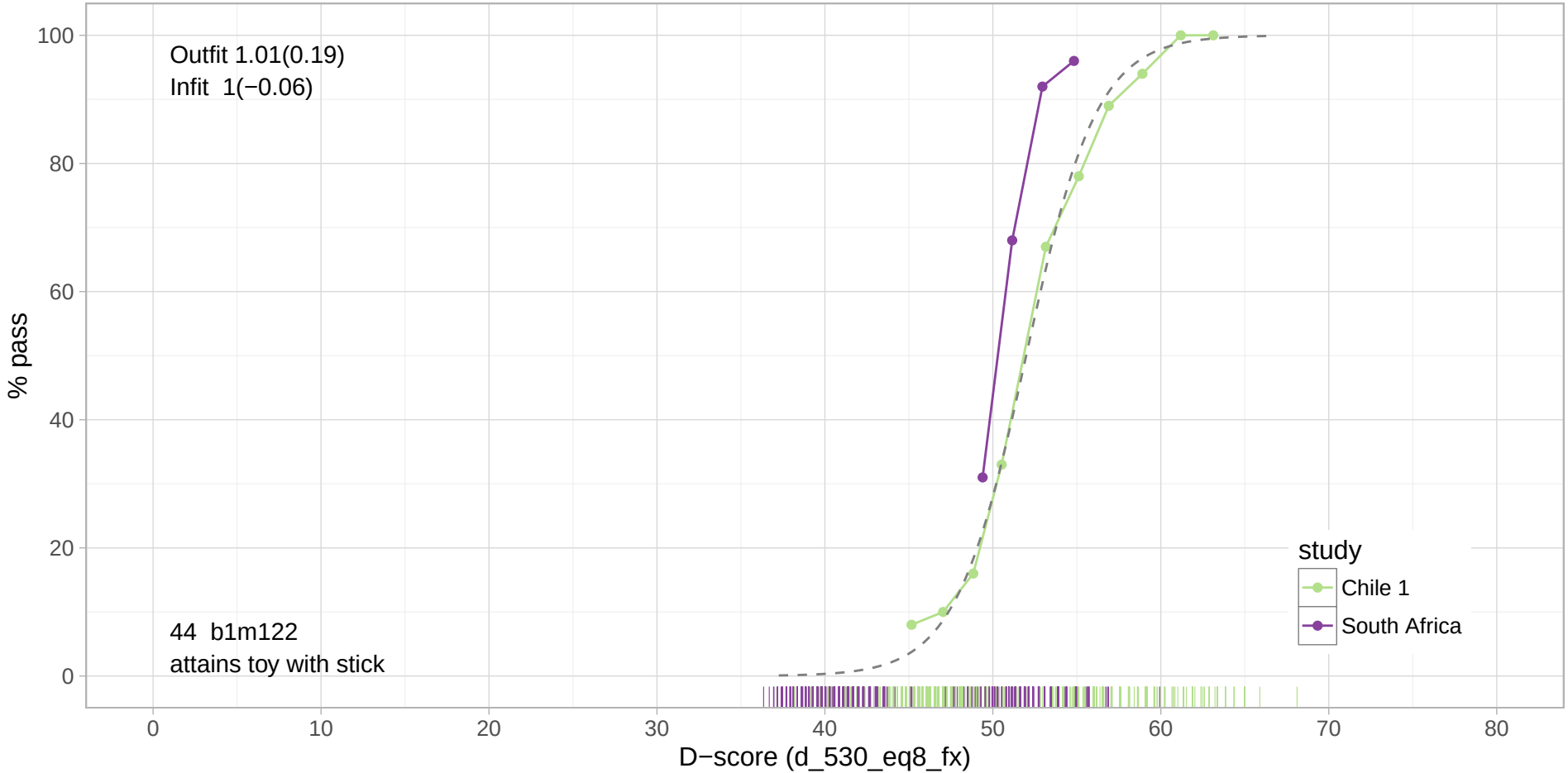

Outfit 1.01(0.22)
Infit 1.04(1.46)
39 b1m114
puts 9 cubes in cup
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

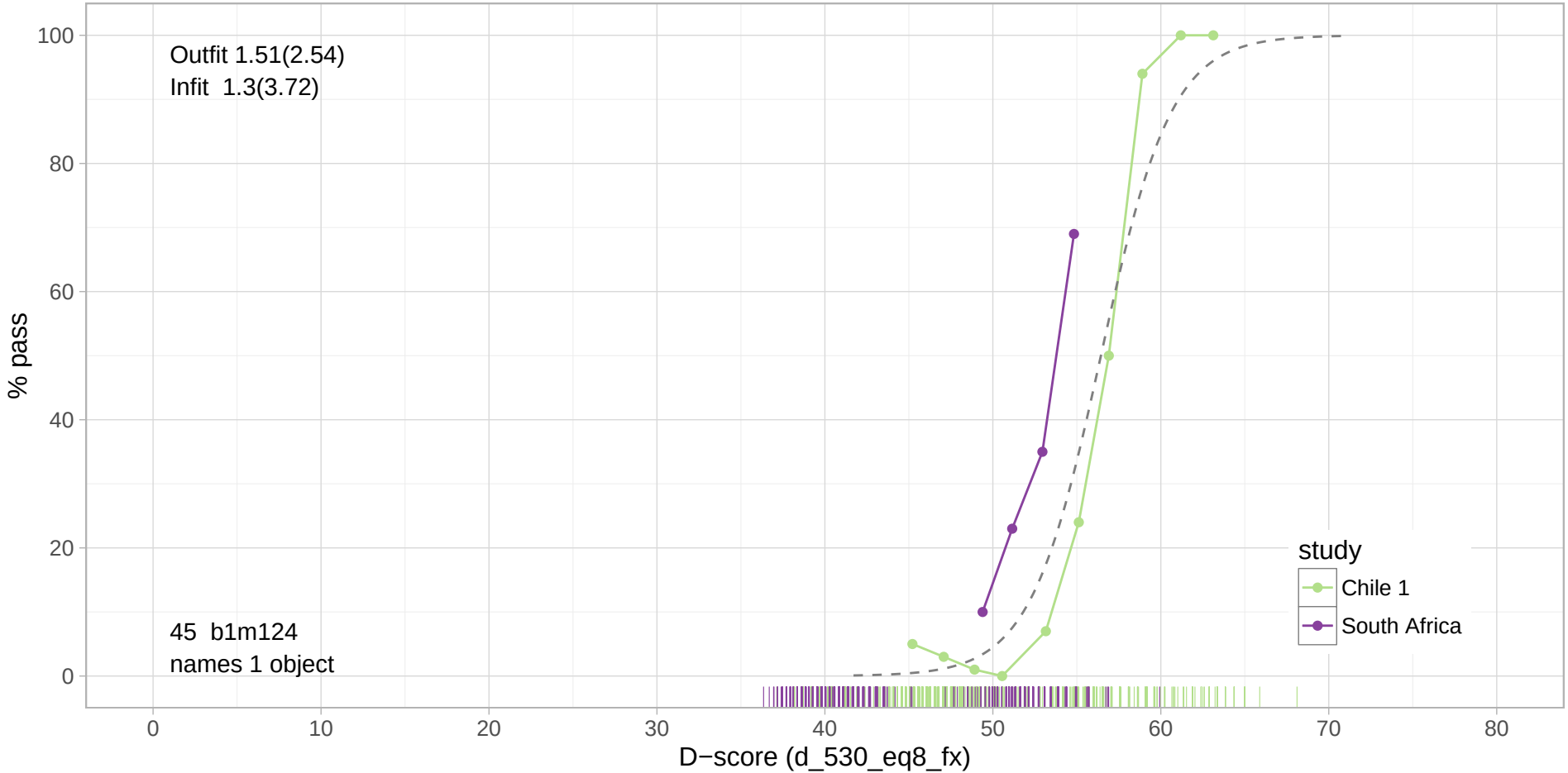

Outfit 0.87(−2.85)
Infit 0.92(−2.51)
40 b1m115
closes round box
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

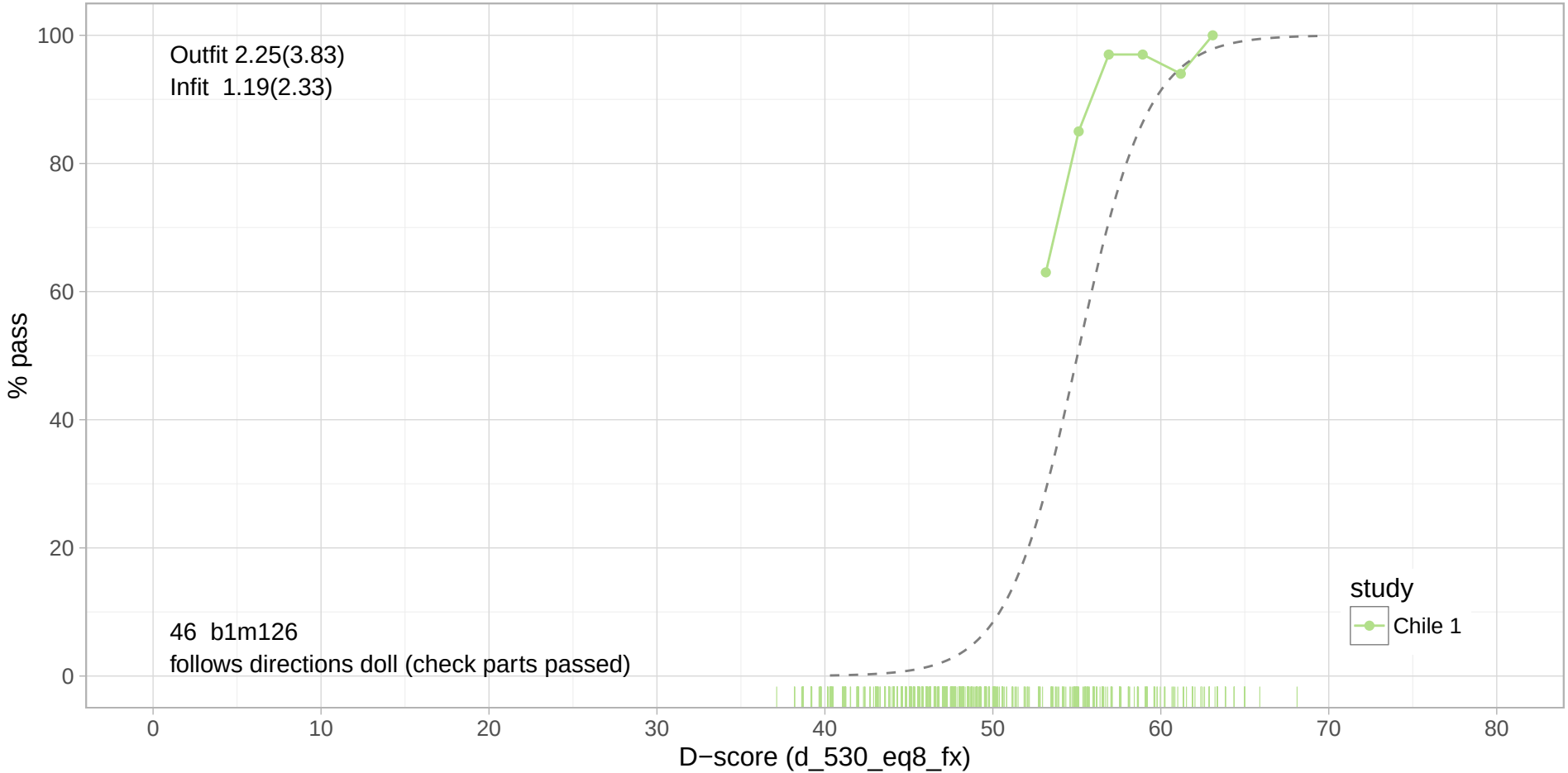

Outfit 0.72(−7.06)
Infit 0.8(−8.03)
41 b1m116
uses gestures to make wants known
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

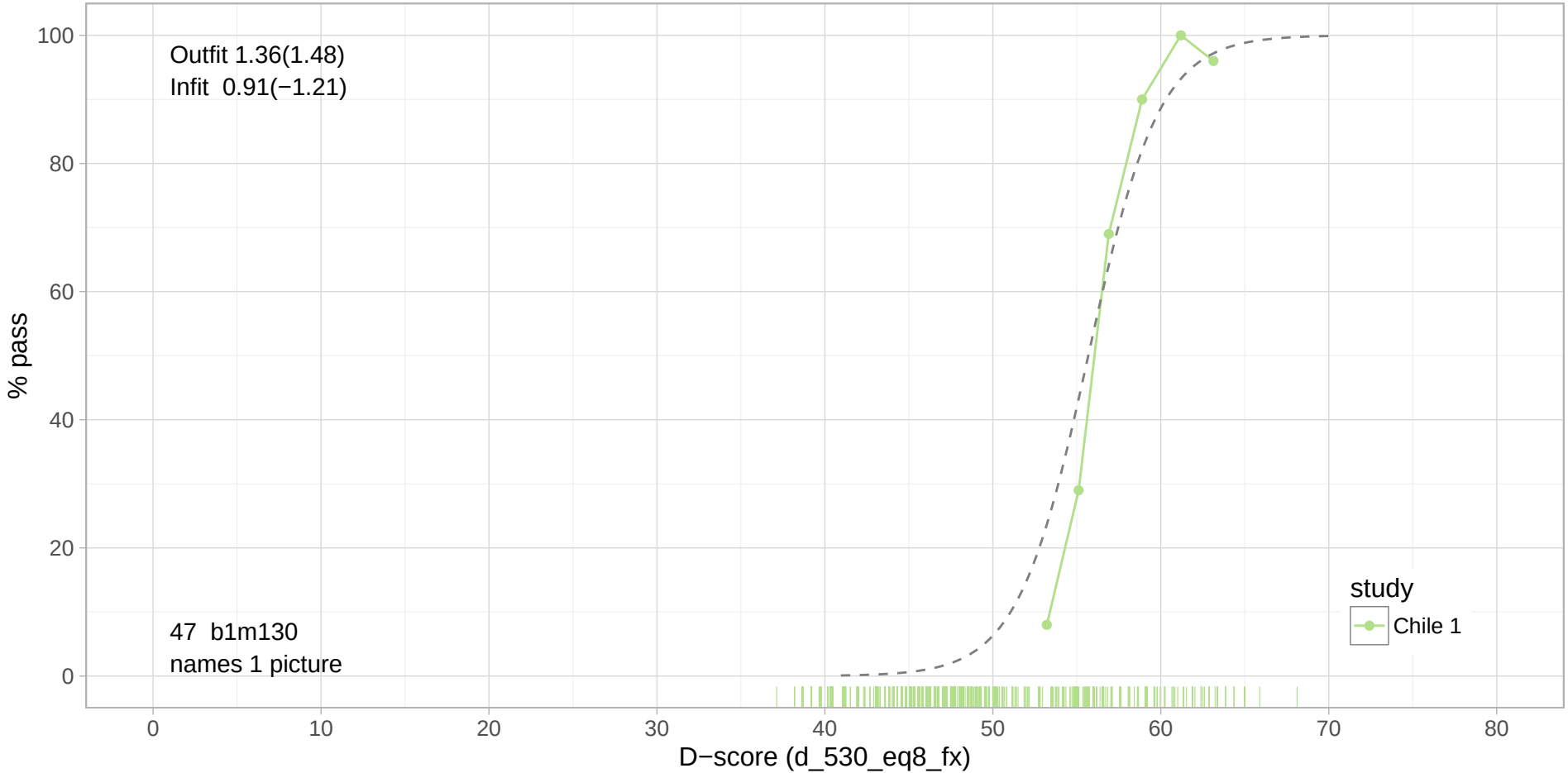

Outfit 1.16(1.94)
Infit 1.15(3.17)
42 b1m117
shows shoes or other clothing, or own toy
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

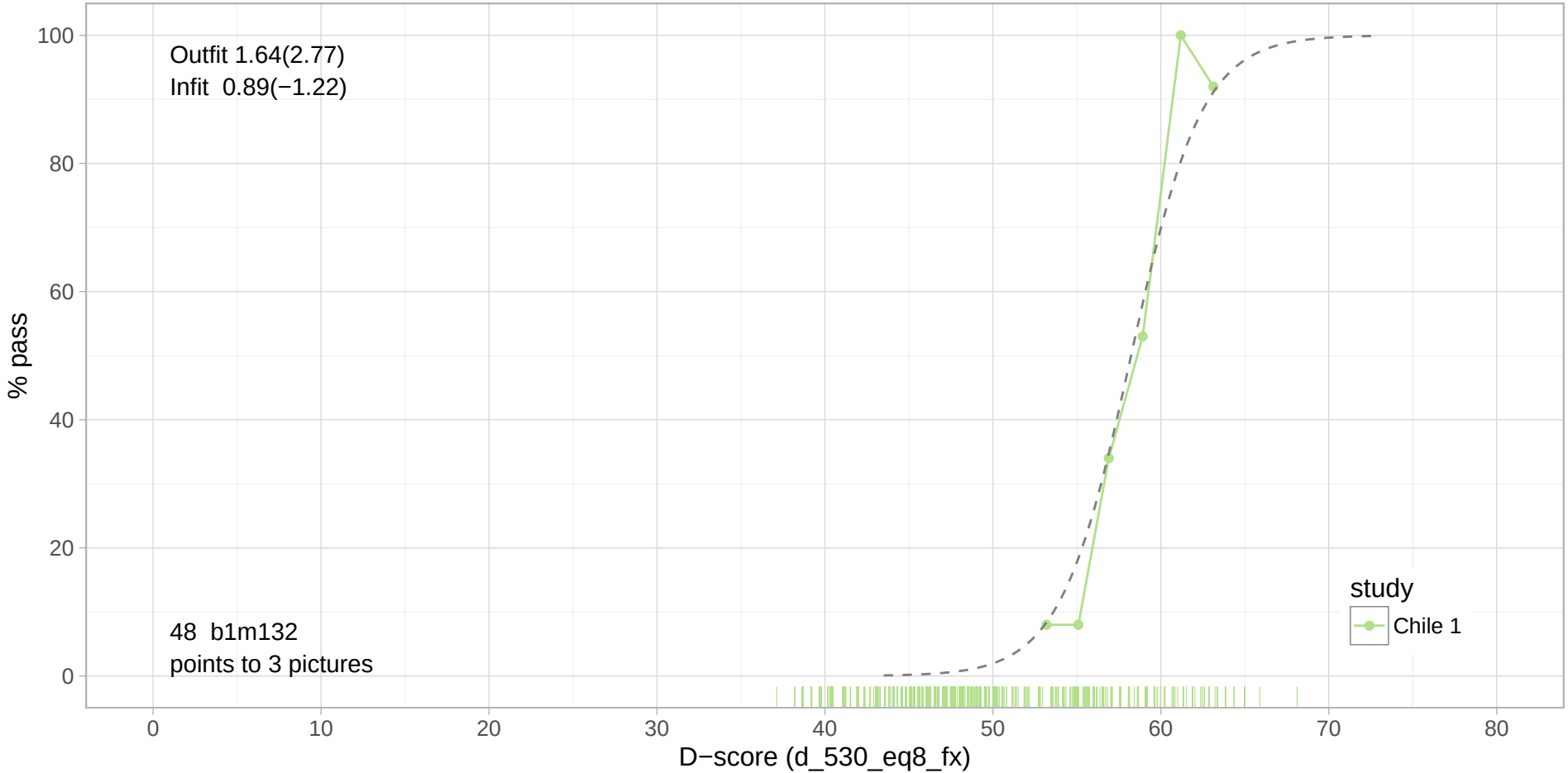

Outfit 1.2(1.53)
Infit 1.07(1.16)
43 b1m120
pink board: places round block
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

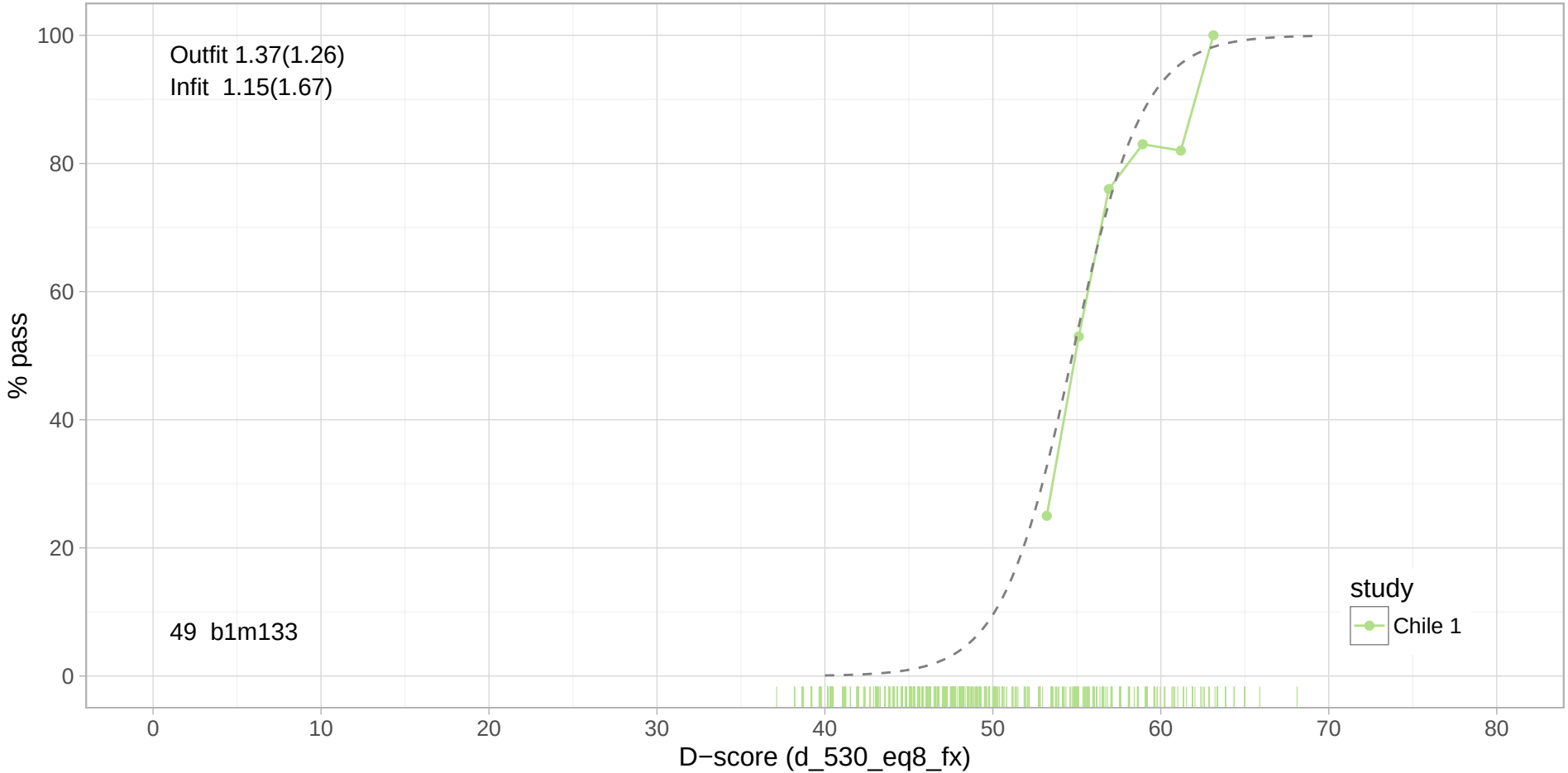

Outfit 1.01(0.19)
Infit 1(−0.06)
44 b1m122
attains toy with stick
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1
South Africa

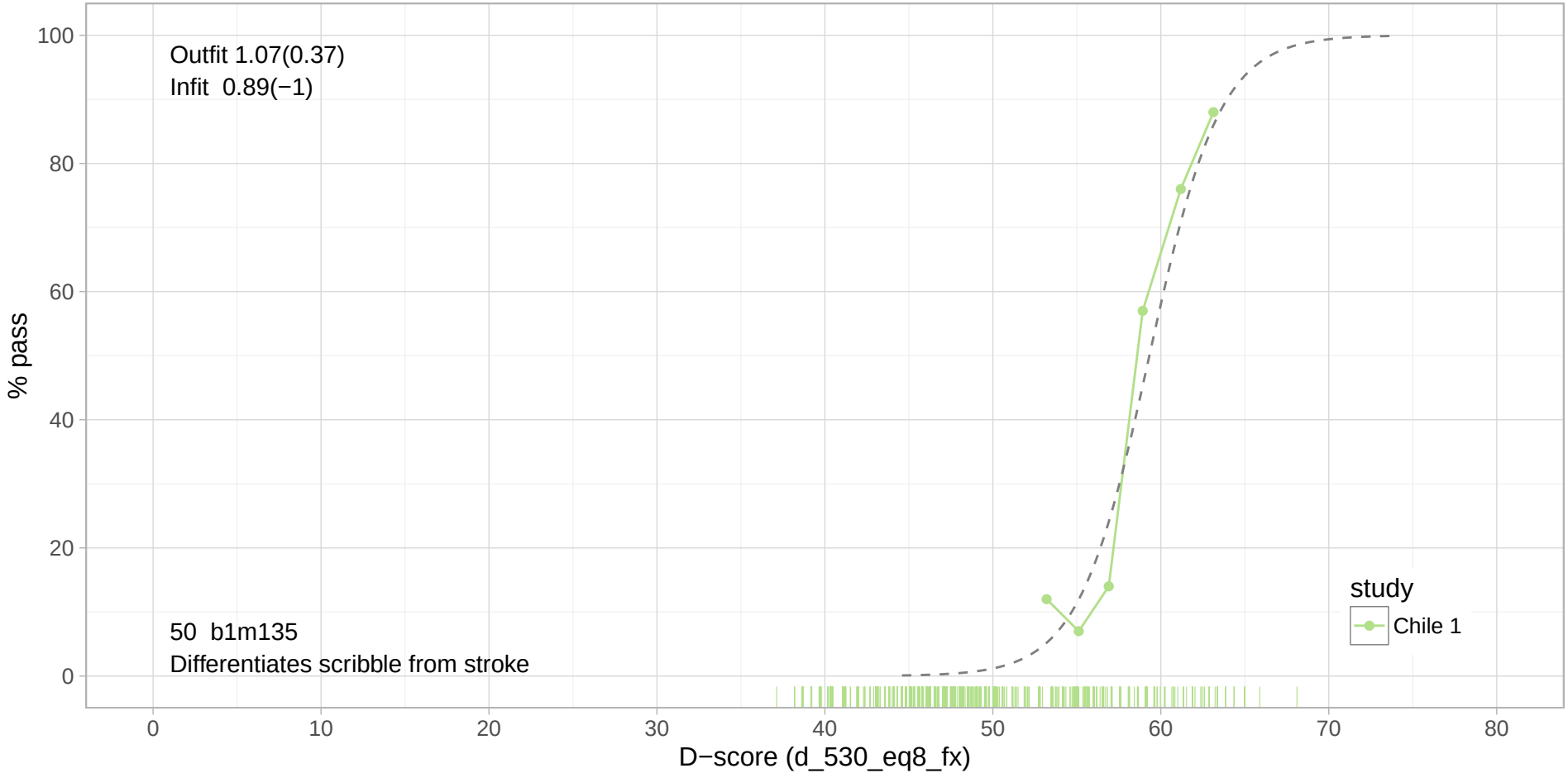

Outfit 1.51(2.54)
Infit 1.3(3.72)
45 b1m124
names 1 object
% pass
D−score (d_530_eq8_fx)
study
Chile 1
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

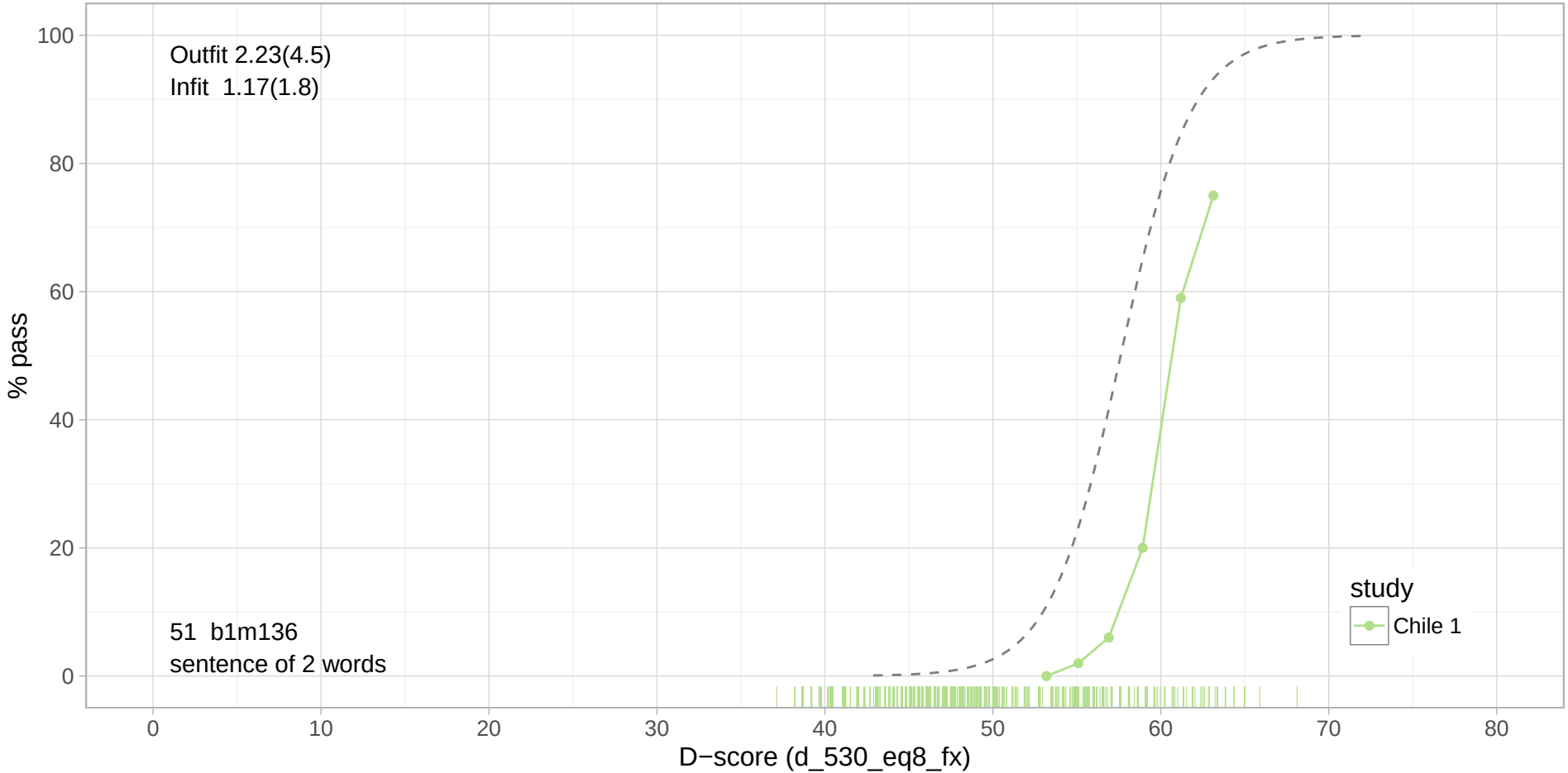

Outfit 2.25(3.83)
Infit 1.19(2.33)
46 b1m126
follows directions doll (check parts passed)
study
Chile 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

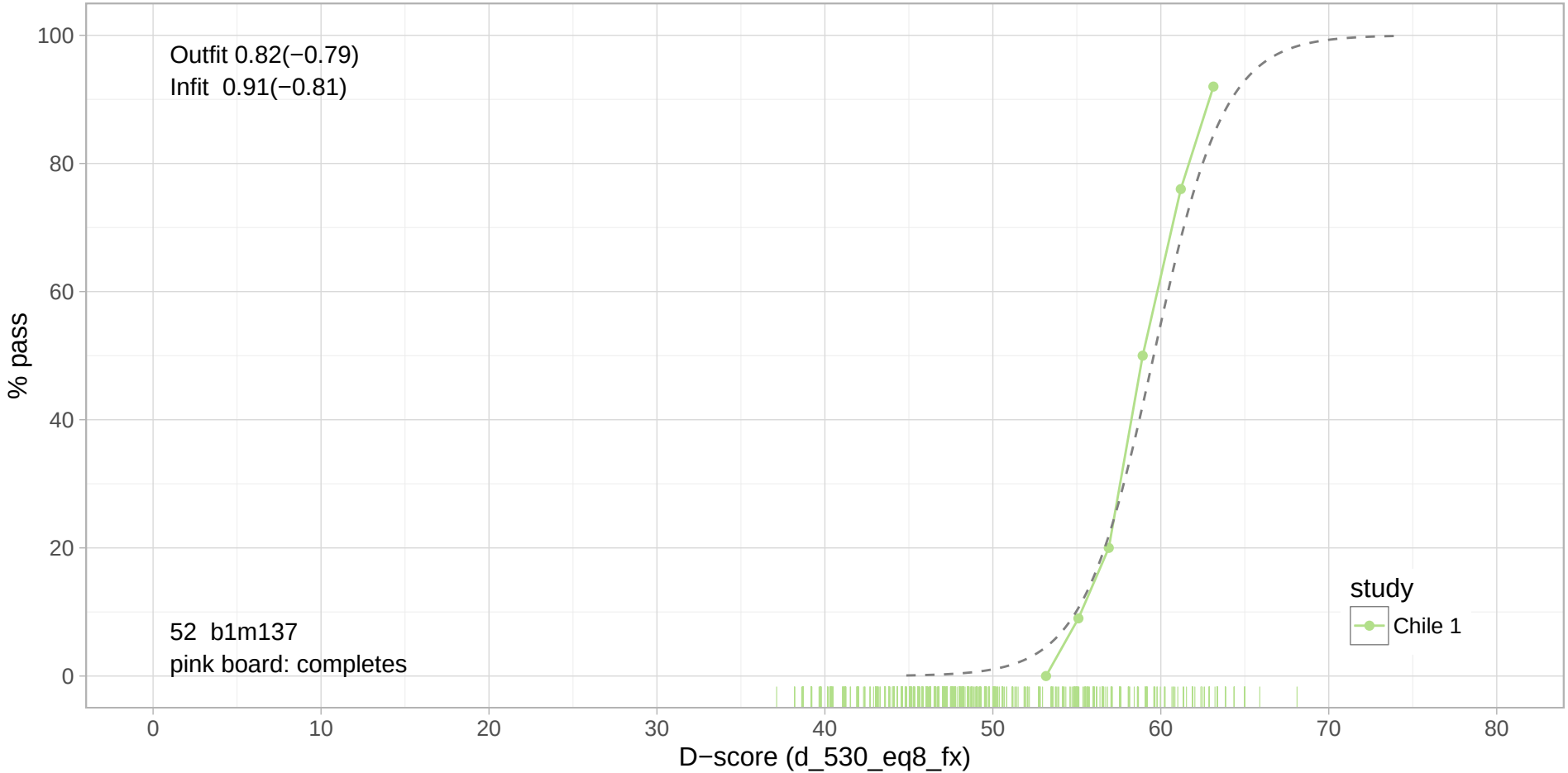

Outfit 1.36(1.48)
Infit 0.91(−1.21)
47 b1m130
names 1 picture
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1

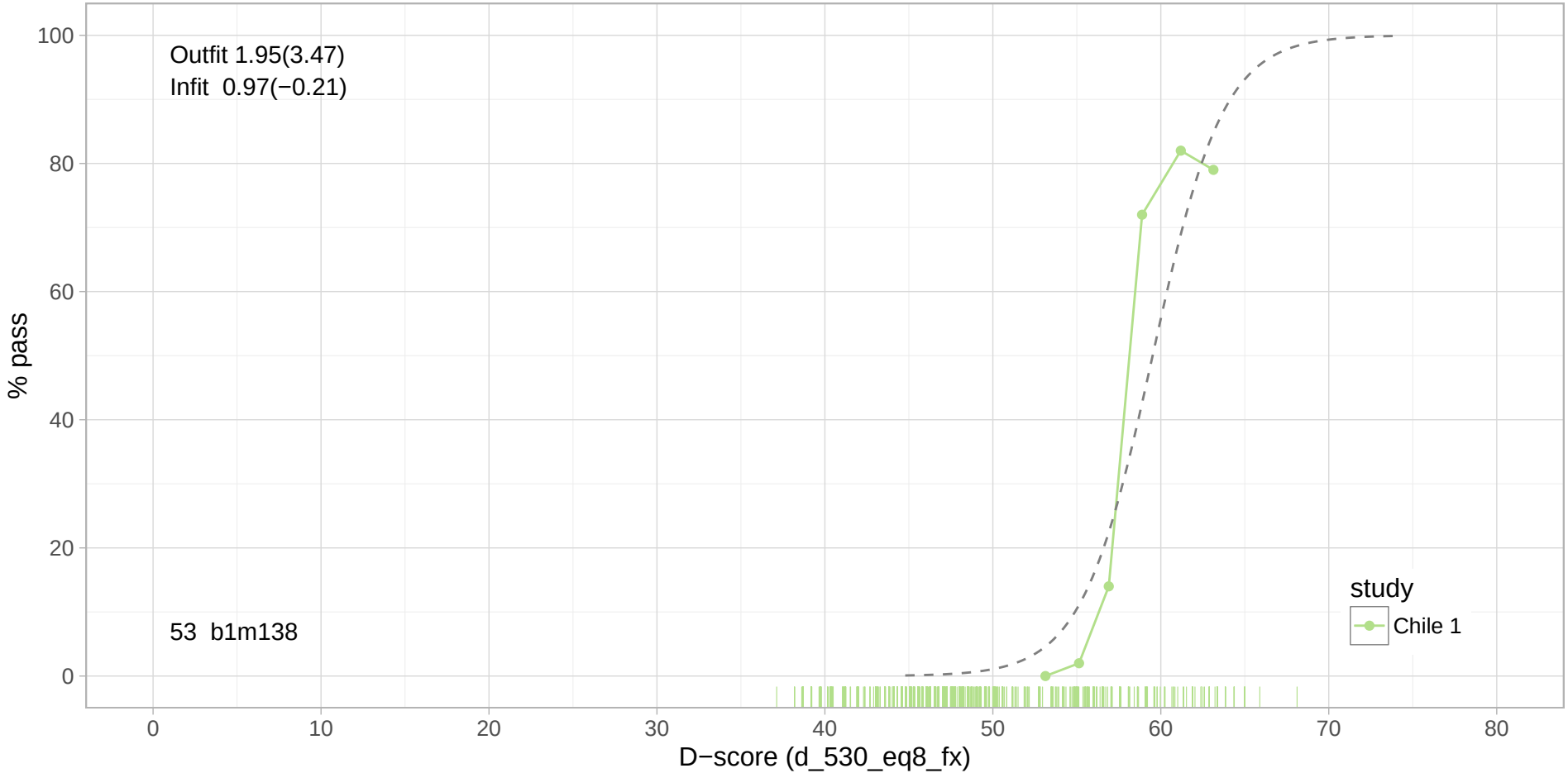

Outfit 1.64(2.77)
Infit 0.89(−1.22)
48 b1m132
points to 3 pictures
% pass
D−score (d_530_eq8_fx)
study
Chile 1
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

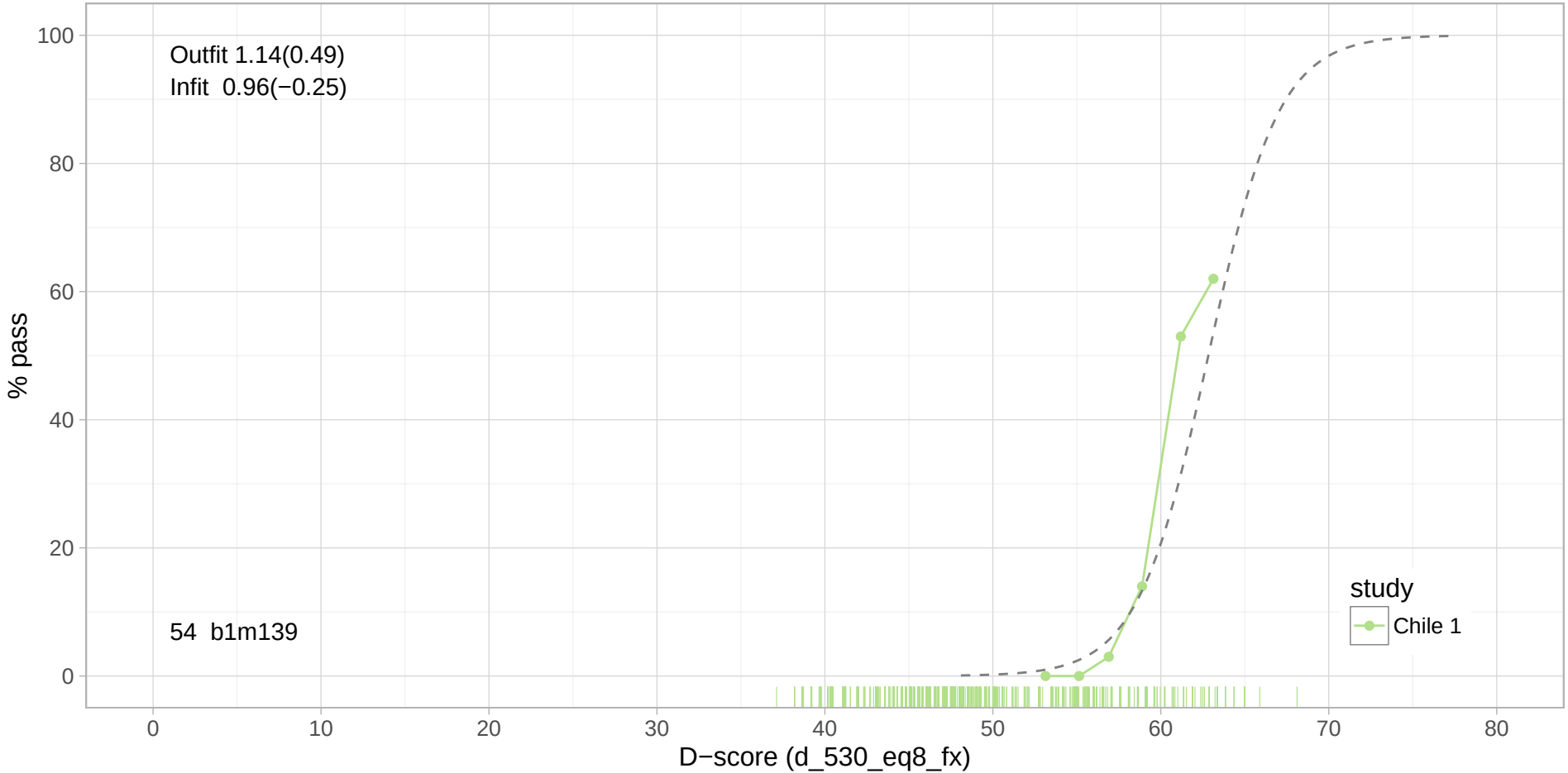

Outfit 1.37(1.26)
Infit 1.15(1.67)
49 b1m133
study
Chile 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

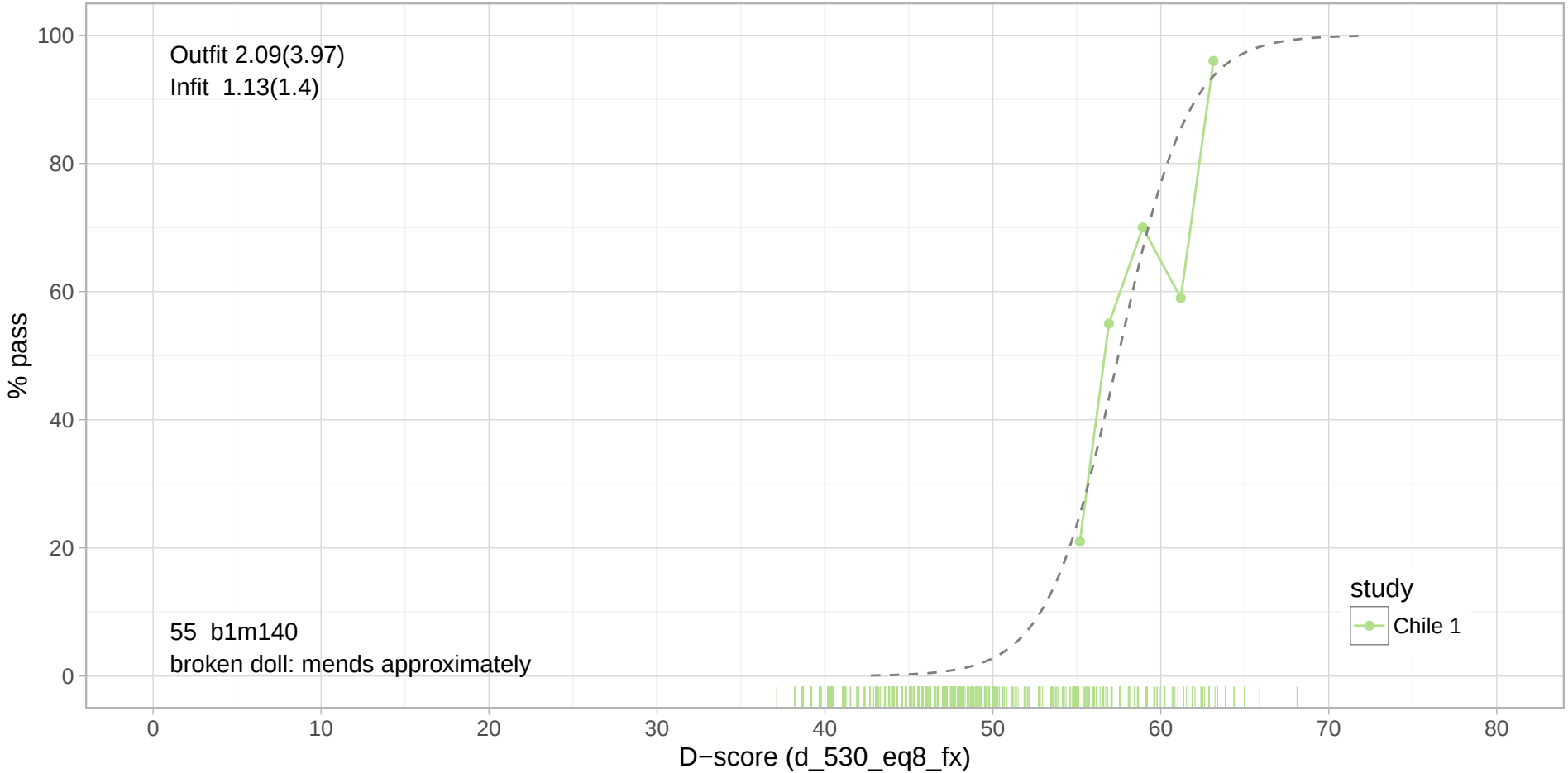

Outfit 1.07(0.37)
Infit 0.89(−1)
50 b1m135
Differentiates scribble from stroke
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1

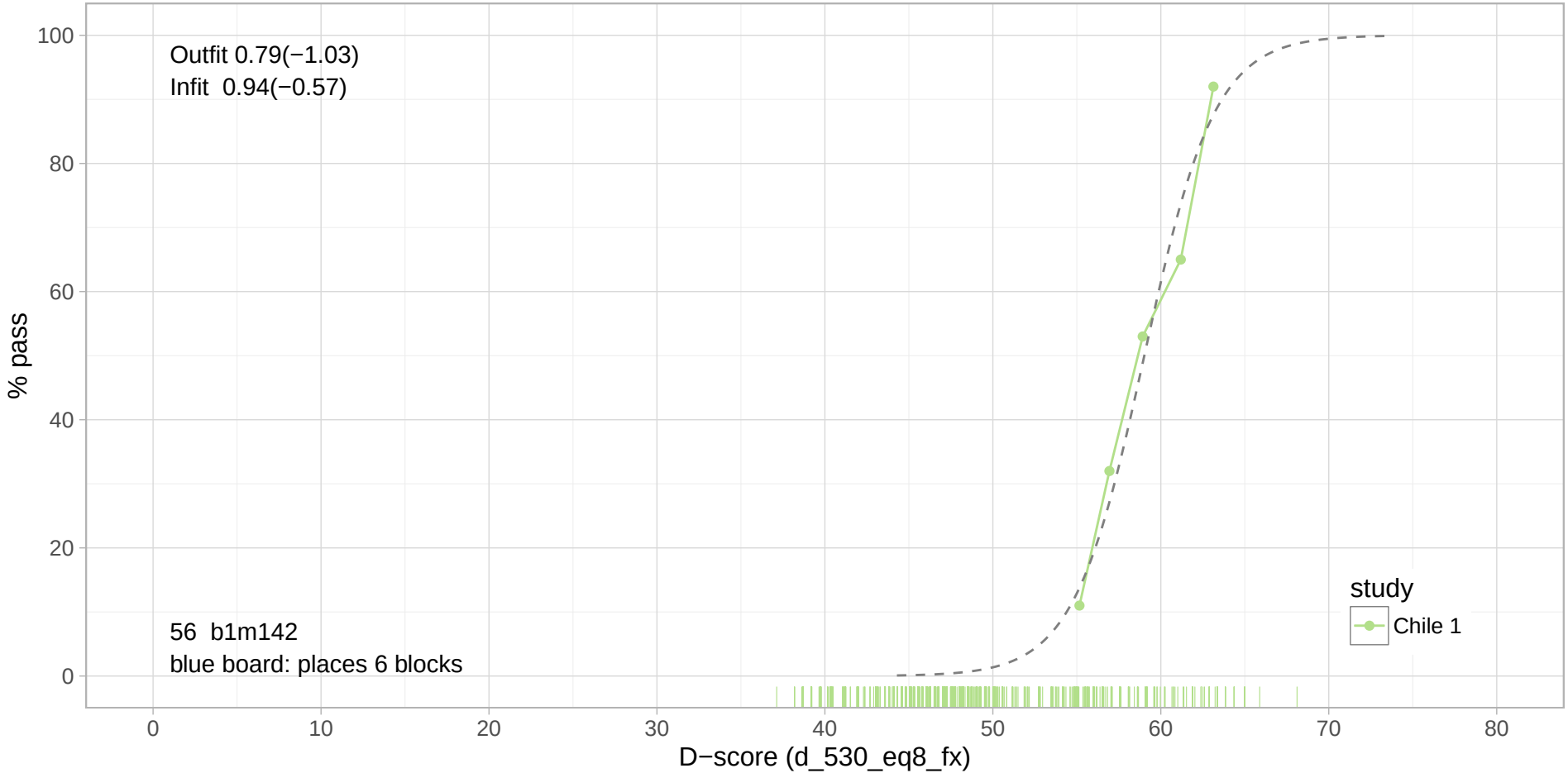

Outfit 2.23(4.5)
Infit 1.17(1.8)
51 b1m136
sentence of 2 words
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1

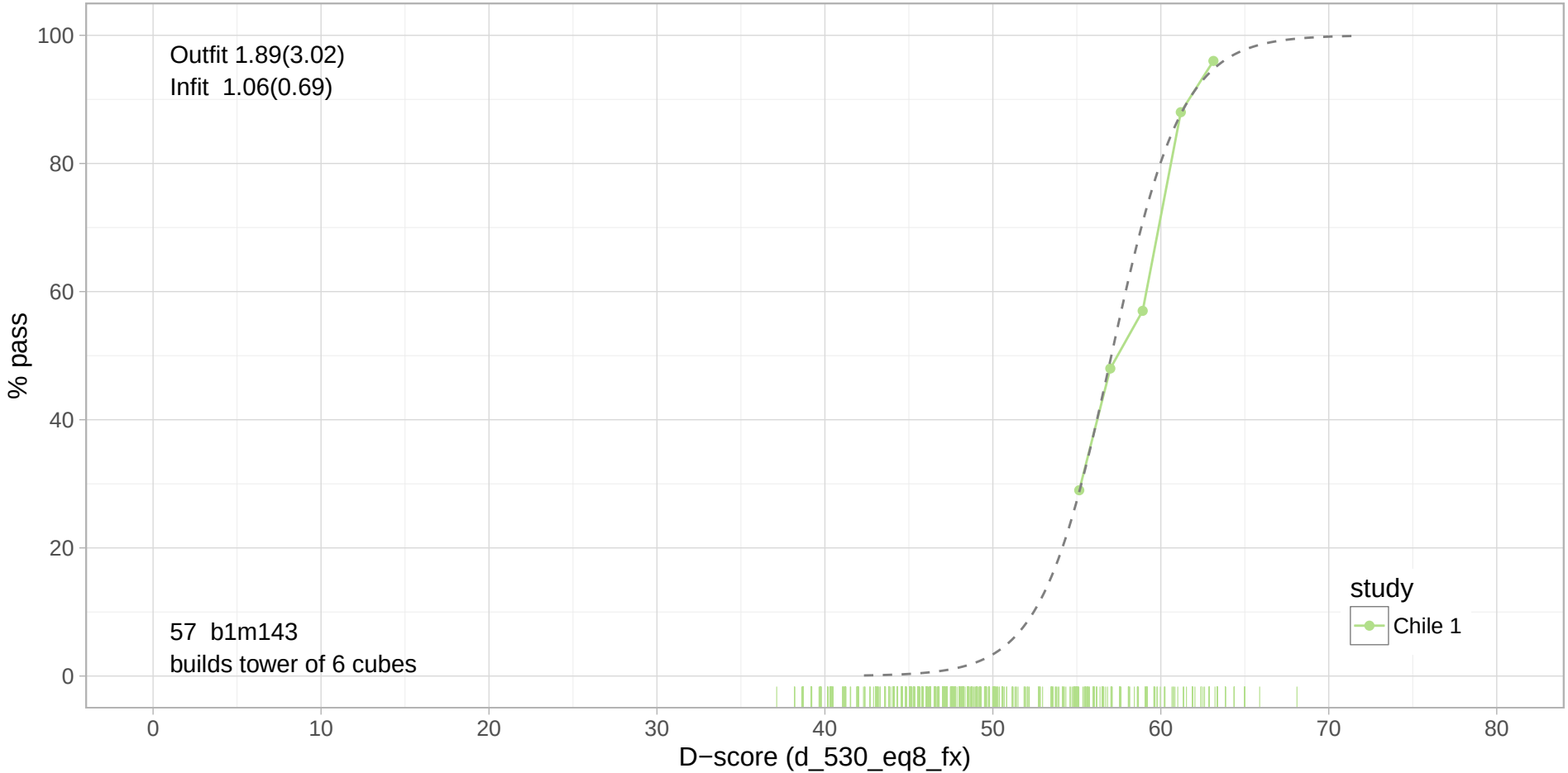

Outfit 0.82(−0.79)
Infit 0.91(−0.81)
52 b1m137
pink board: completes
% pass
D−score (d_530_eq8_fx)
study
Chile 1
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

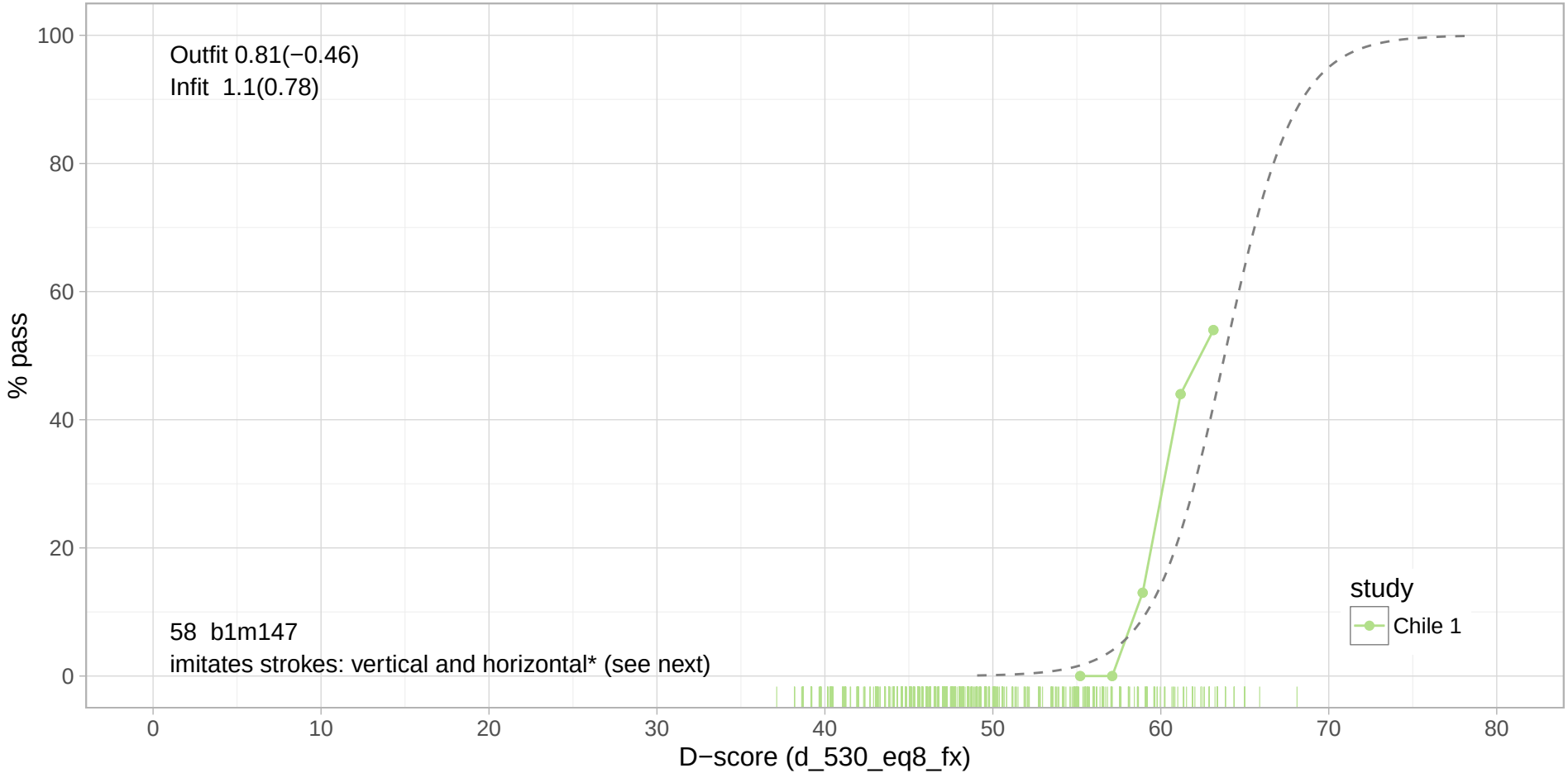

Outfit 1.95(3.47)
Infit 0.97(−0.21)
53 b1m138
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1

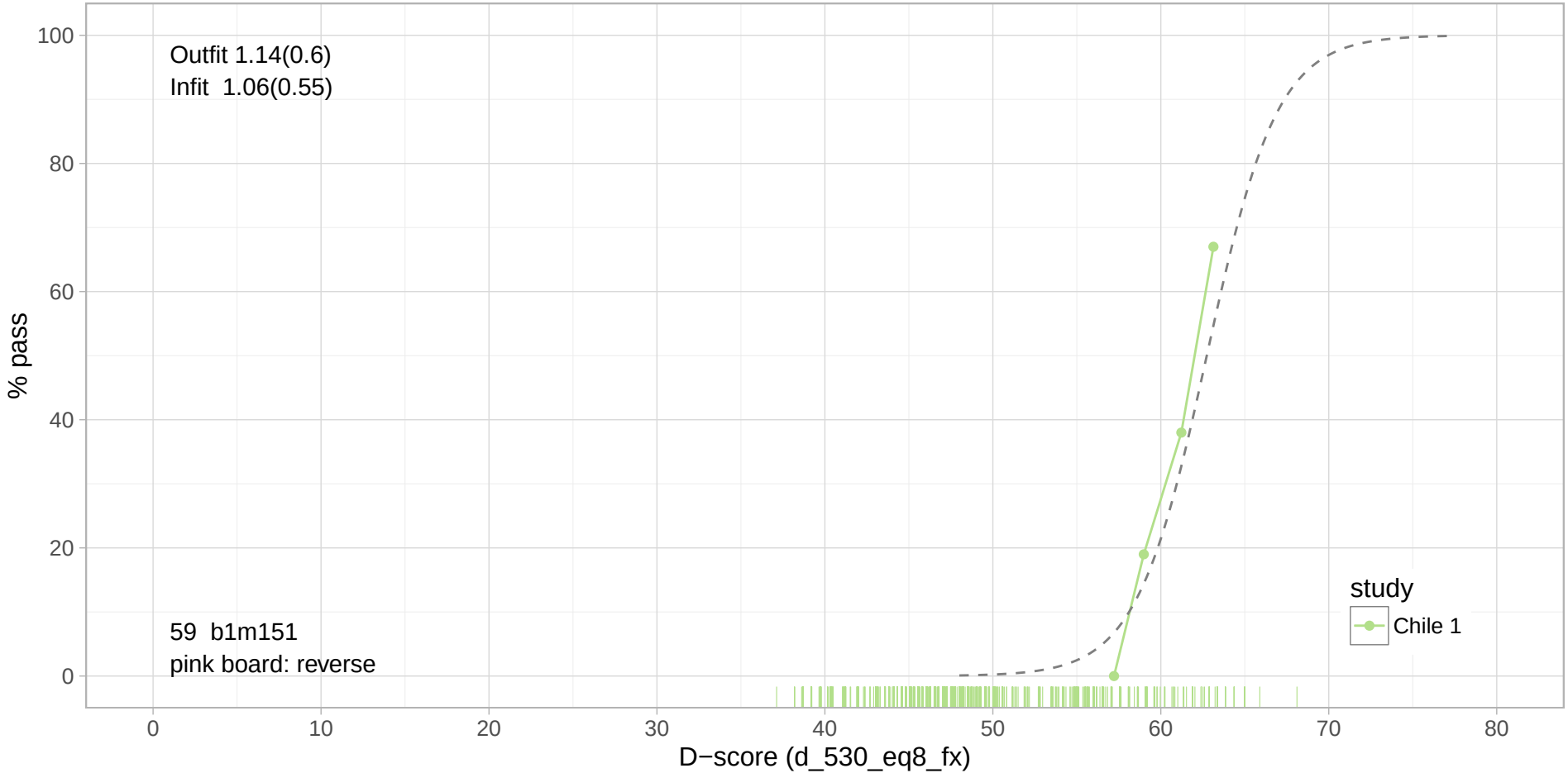

Outfit 1.14(0.49)
Infit 0.96(−0.25)
54 b1m139
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 1

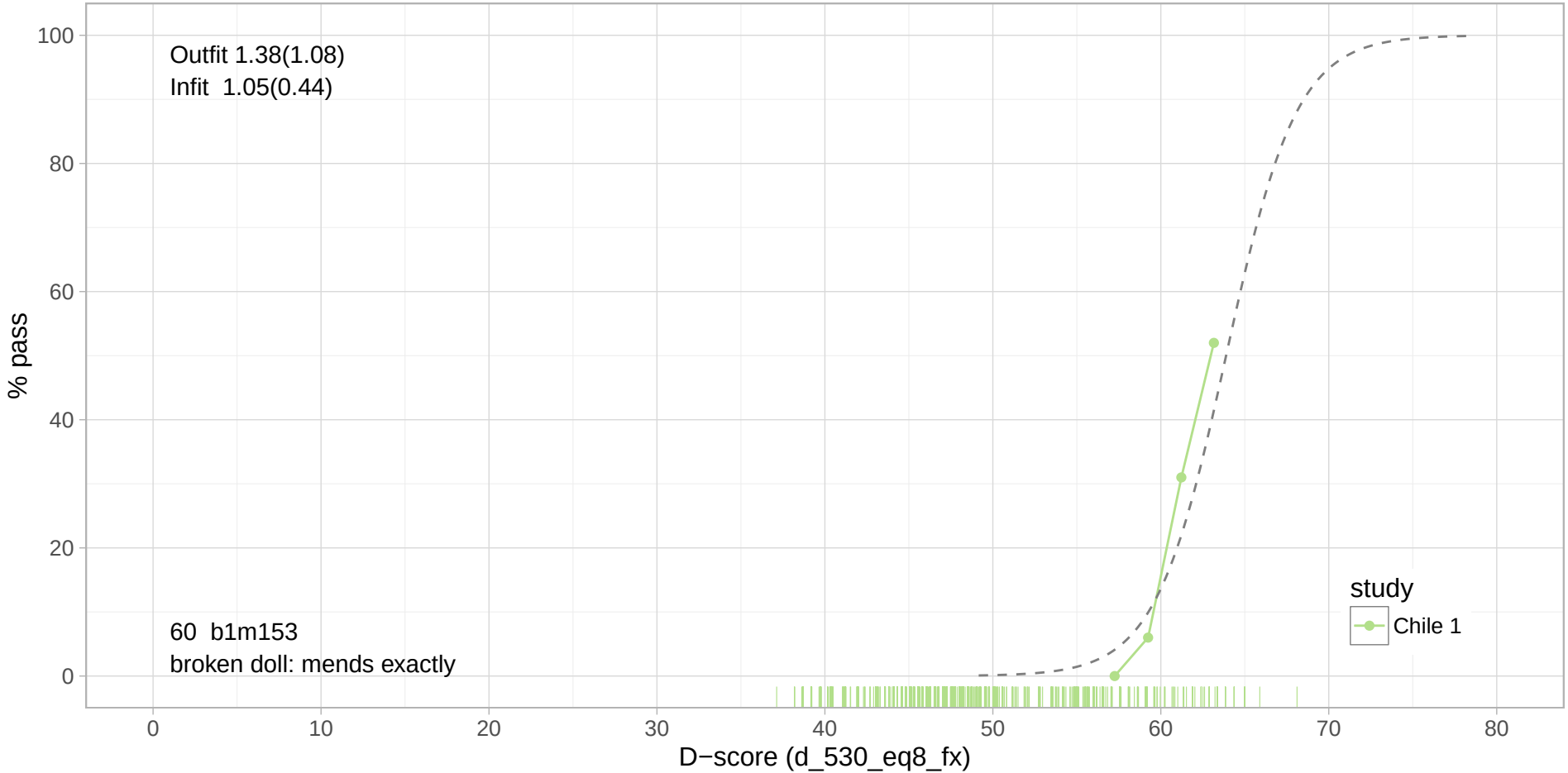

Outfit 2.09(3.97)
Infit 1.13(1.4)
55 b1m140
broken doll: mends approximately
study
Chile 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

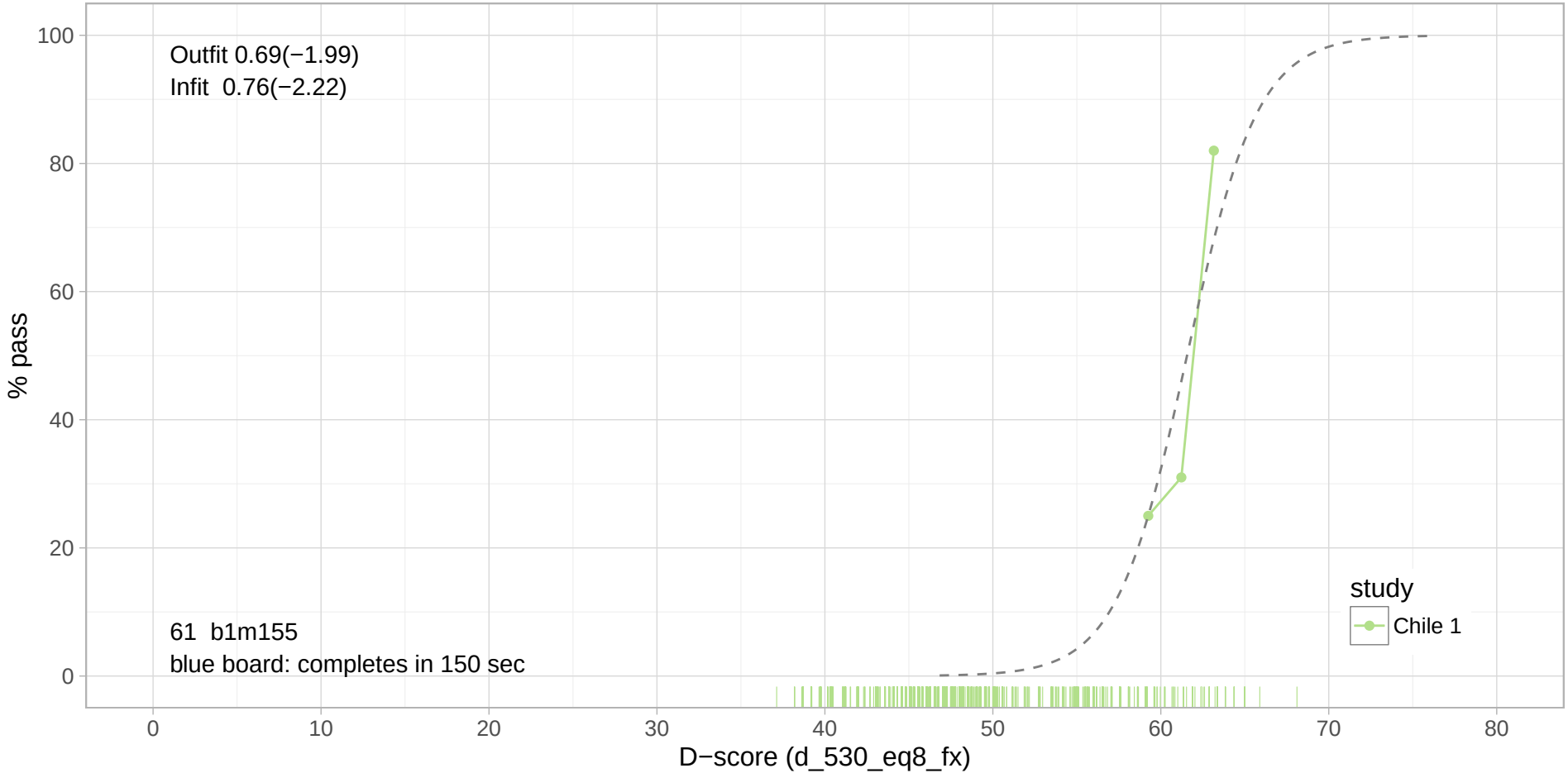

Outfit 0.79(−1.03)
Infit 0.94(−0.57)
56 b1m142
blue board: places 6 blocks
study
Chile 1
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

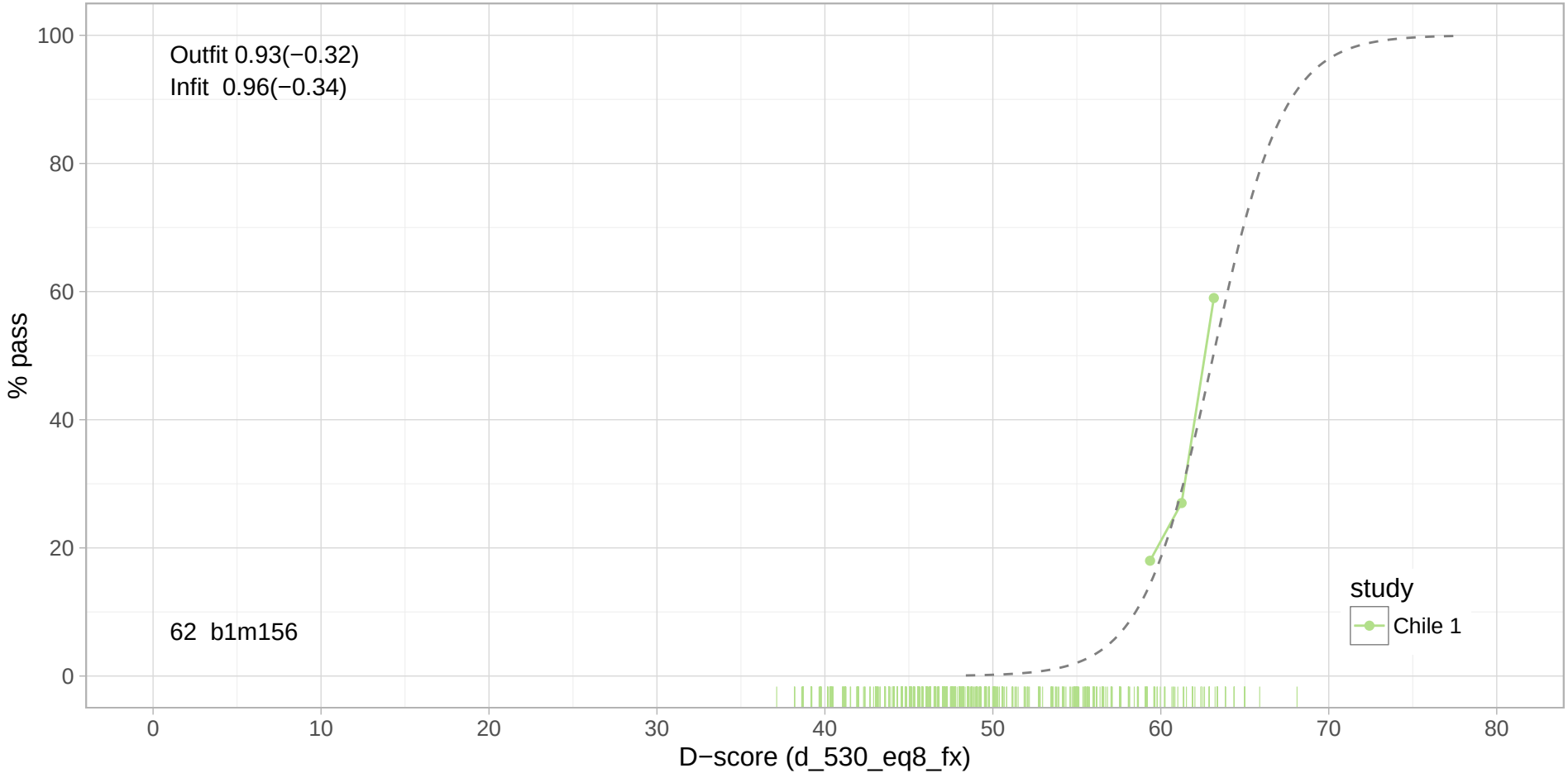

Outfit 1.89(3.02)
Infit 1.06(0.69)
57 b1m143
builds tower of 6 cubes
study
Chile 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

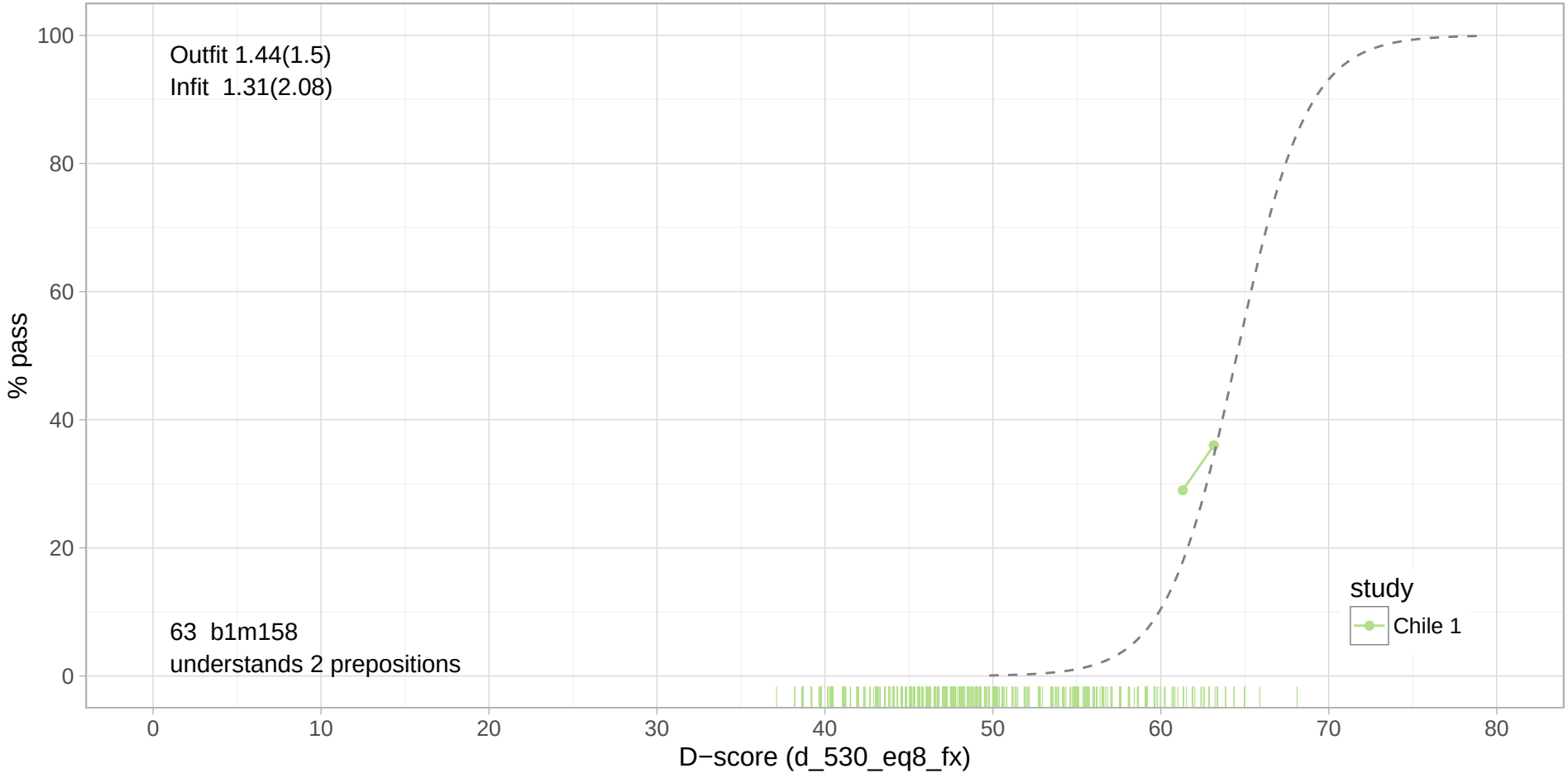

Outfit 0.81(−0.46)
Infit 1.1(0.78)
58 b1m147
imitates strokes: vertical and horizontal* (see next)
study
Chile 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

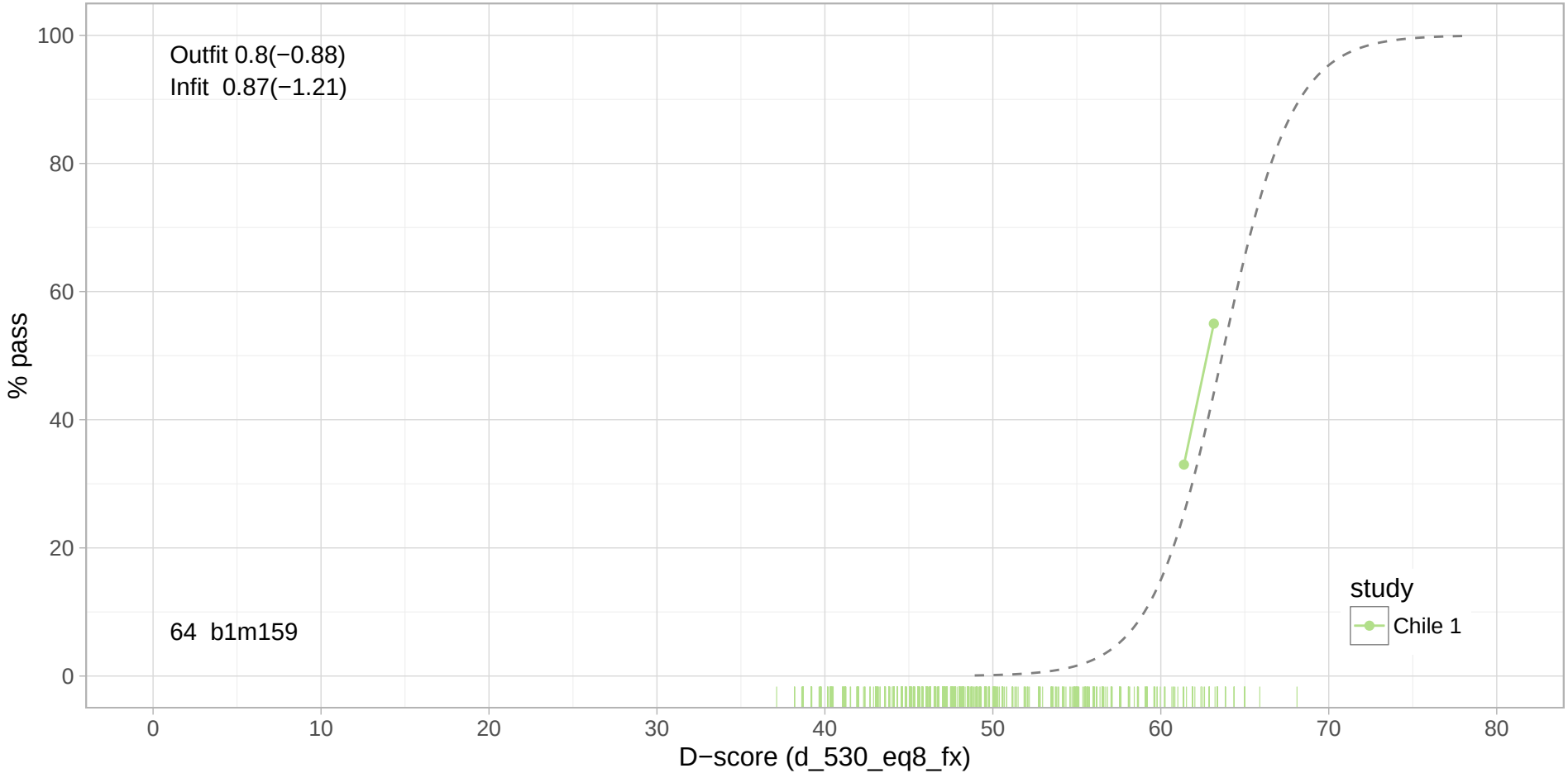

Outfit 1.14(0.6)
Infit 1.06(0.55)
59 b1m151
pink board: reverse
study
Chile 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

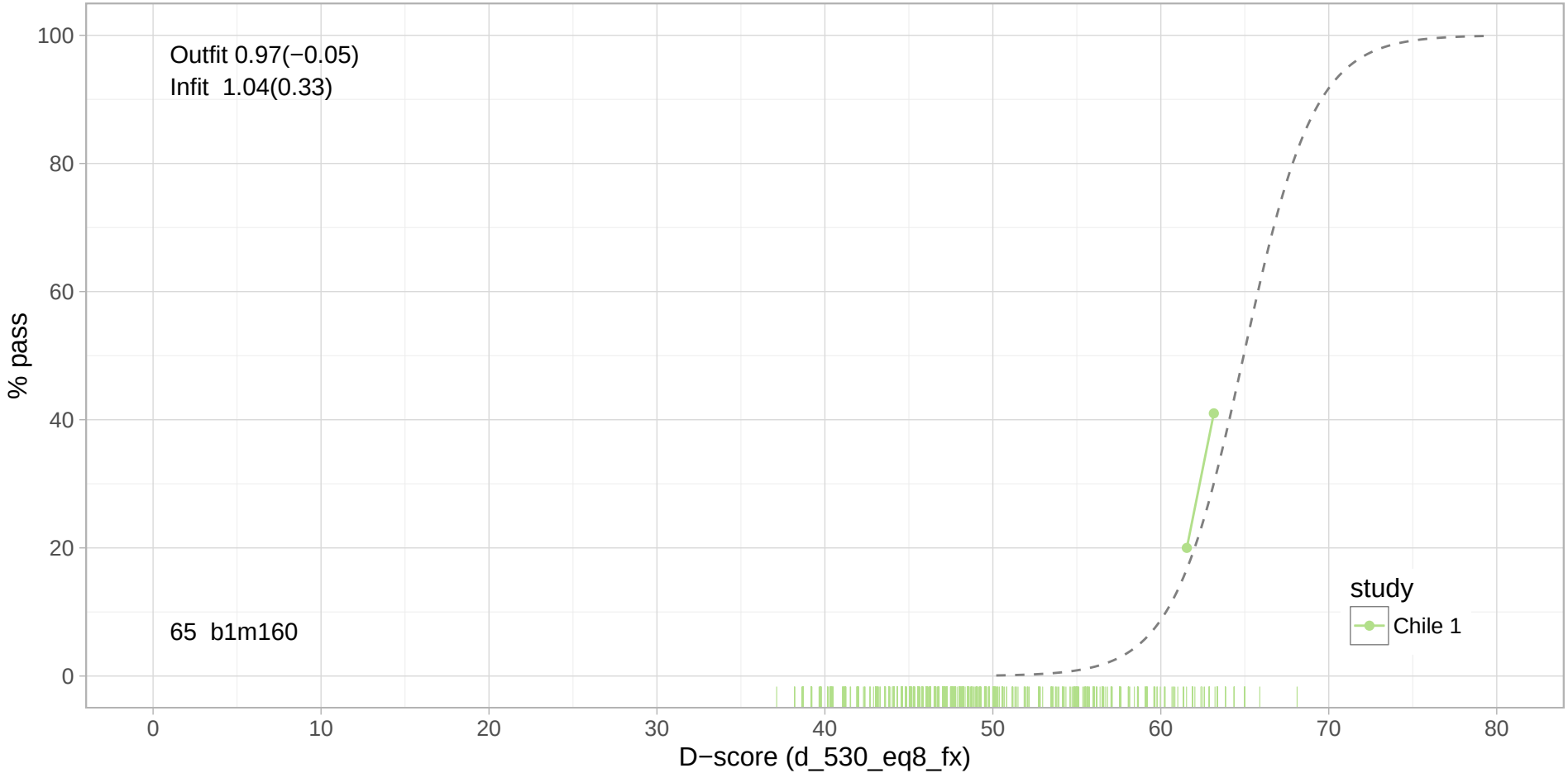

Outfit 1.38(1.08)
Infit 1.05(0.44)
60 b1m153
broken doll: mends exactly
study
Chile 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

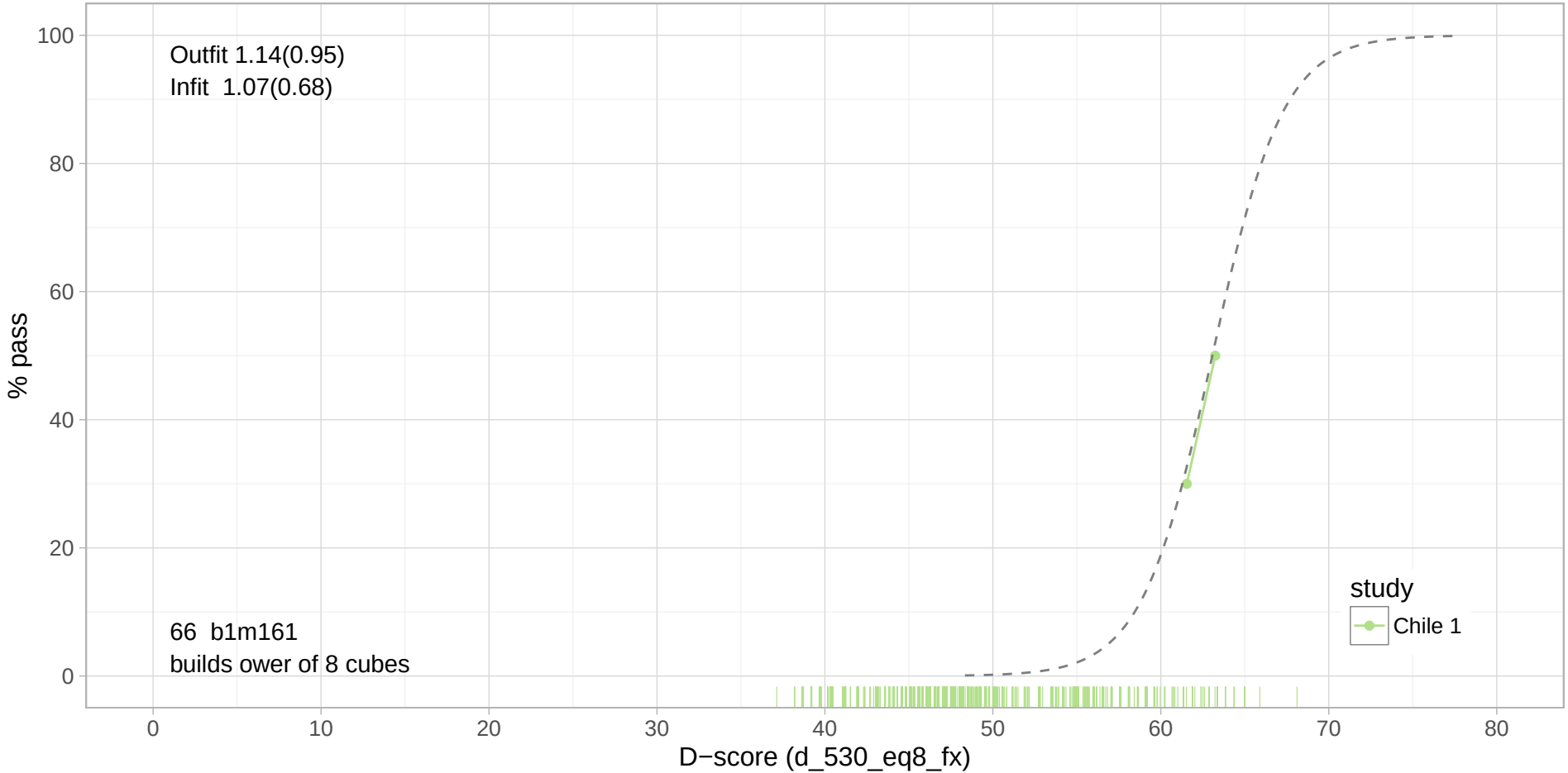

Outfit 0.69(−1.99)
Infit 0.76(−2.22)
61 b1m155
blue board: completes in 150 sec
study
Chile 1
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

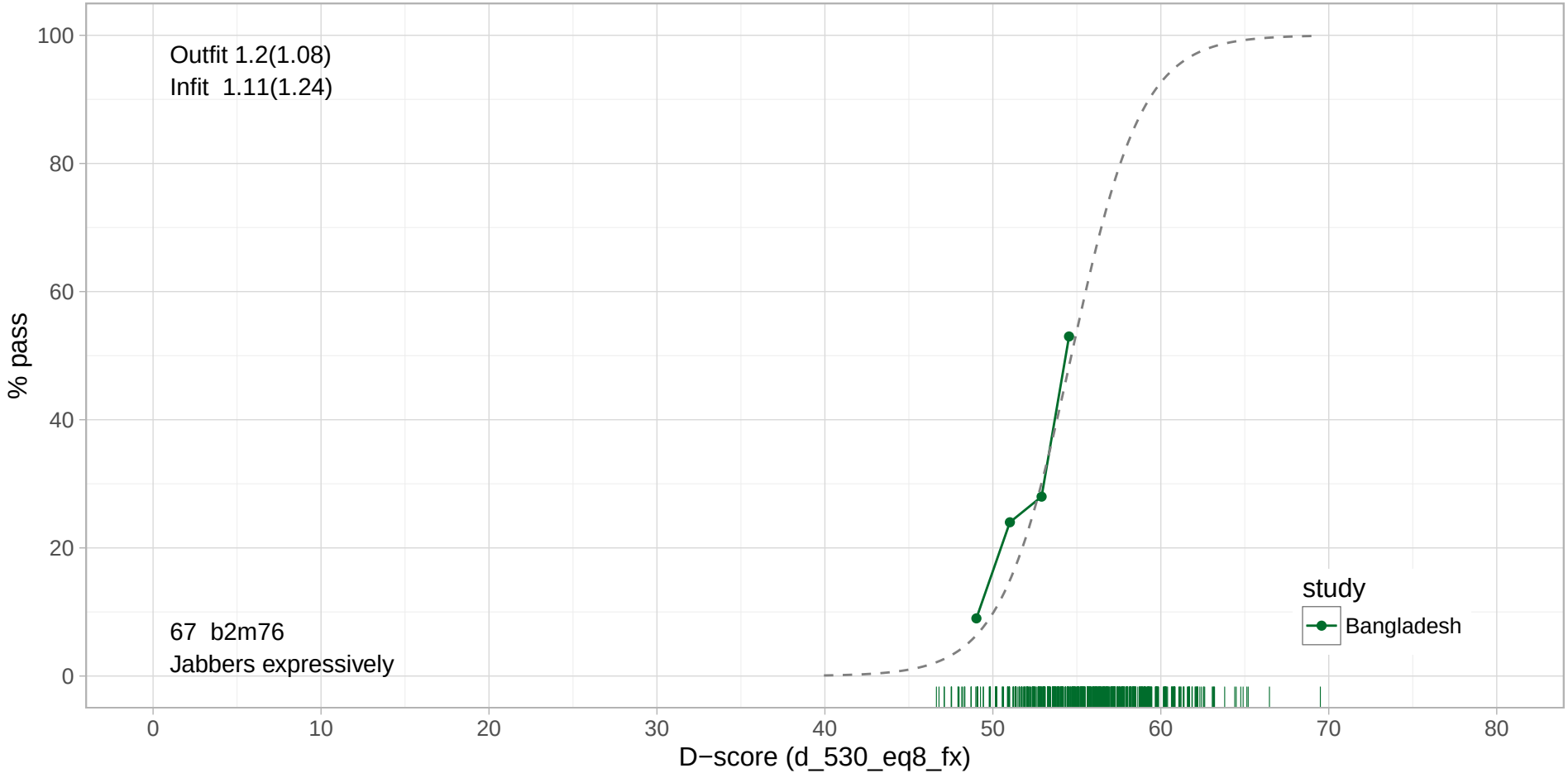

Outfit 0.93(−0.32)
Infit 0.96(−0.34)
62 b1m156
study
Chile 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

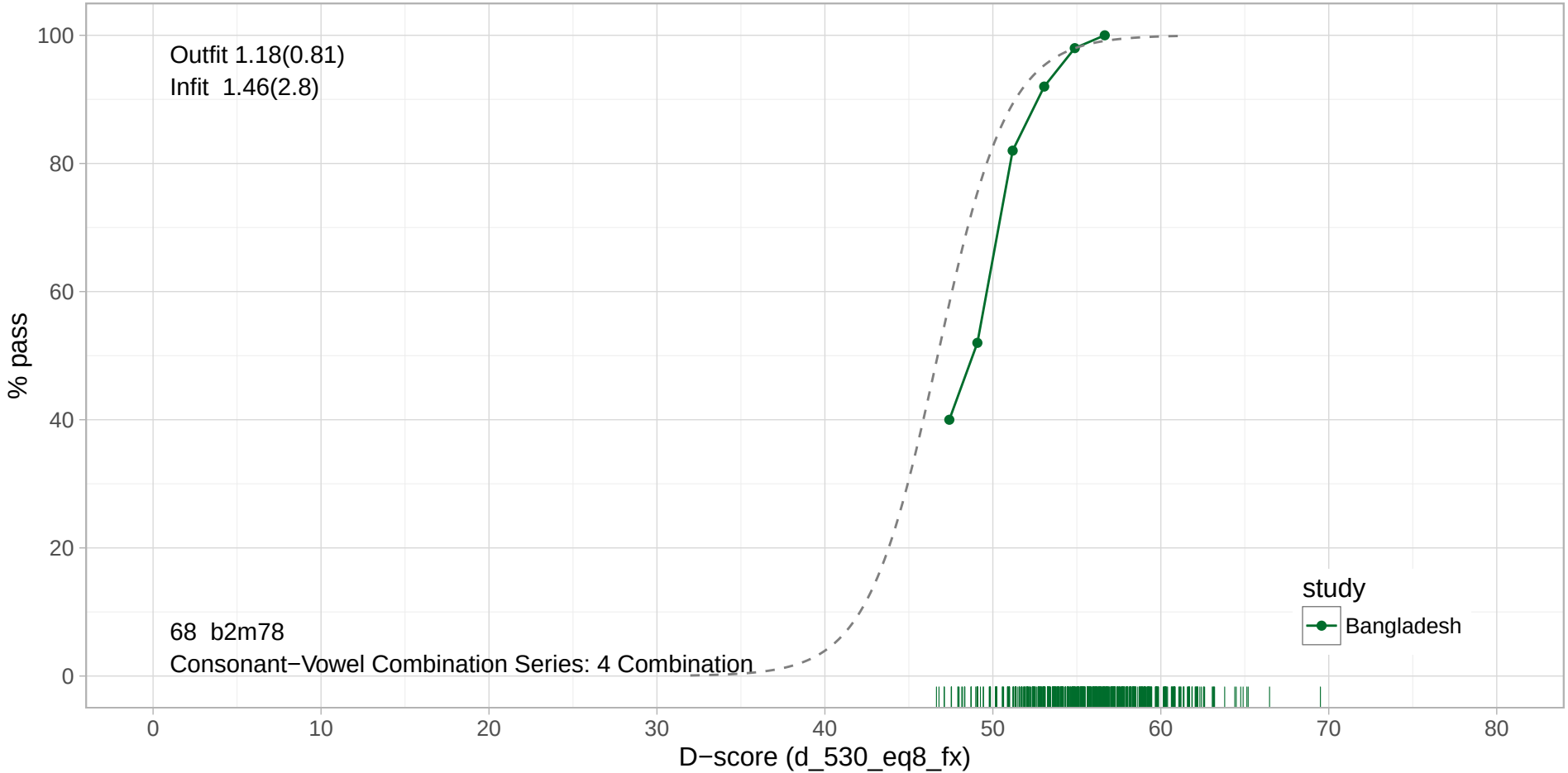

Outfit 1.44(1.5)
Infit 1.31(2.08)
63 b1m158
understands 2 prepositions
study
Chile 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

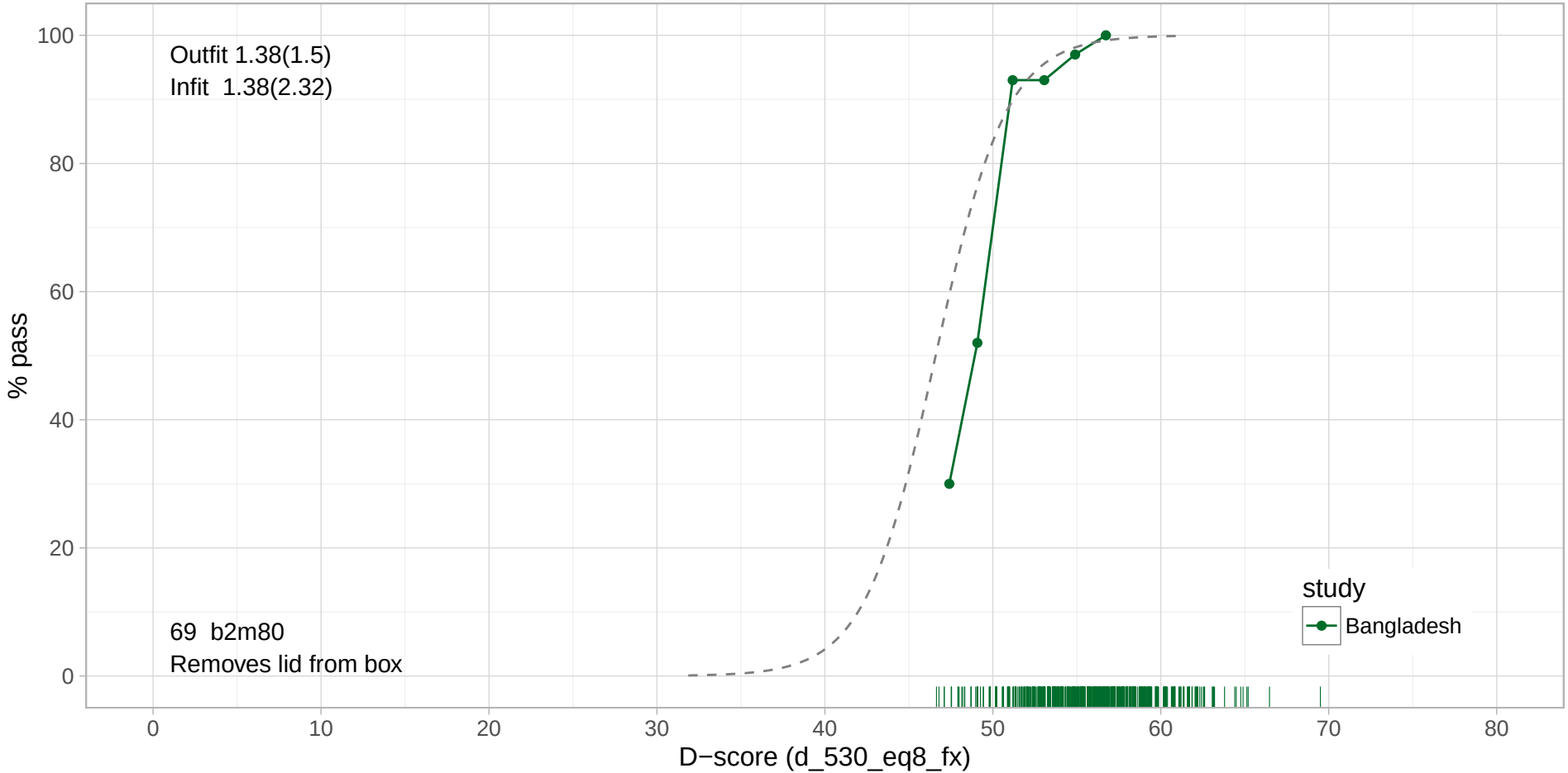

Outfit 0.8(−0.88)
Infit 0.87(−1.21)
64 b1m159
study
Chile 1
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

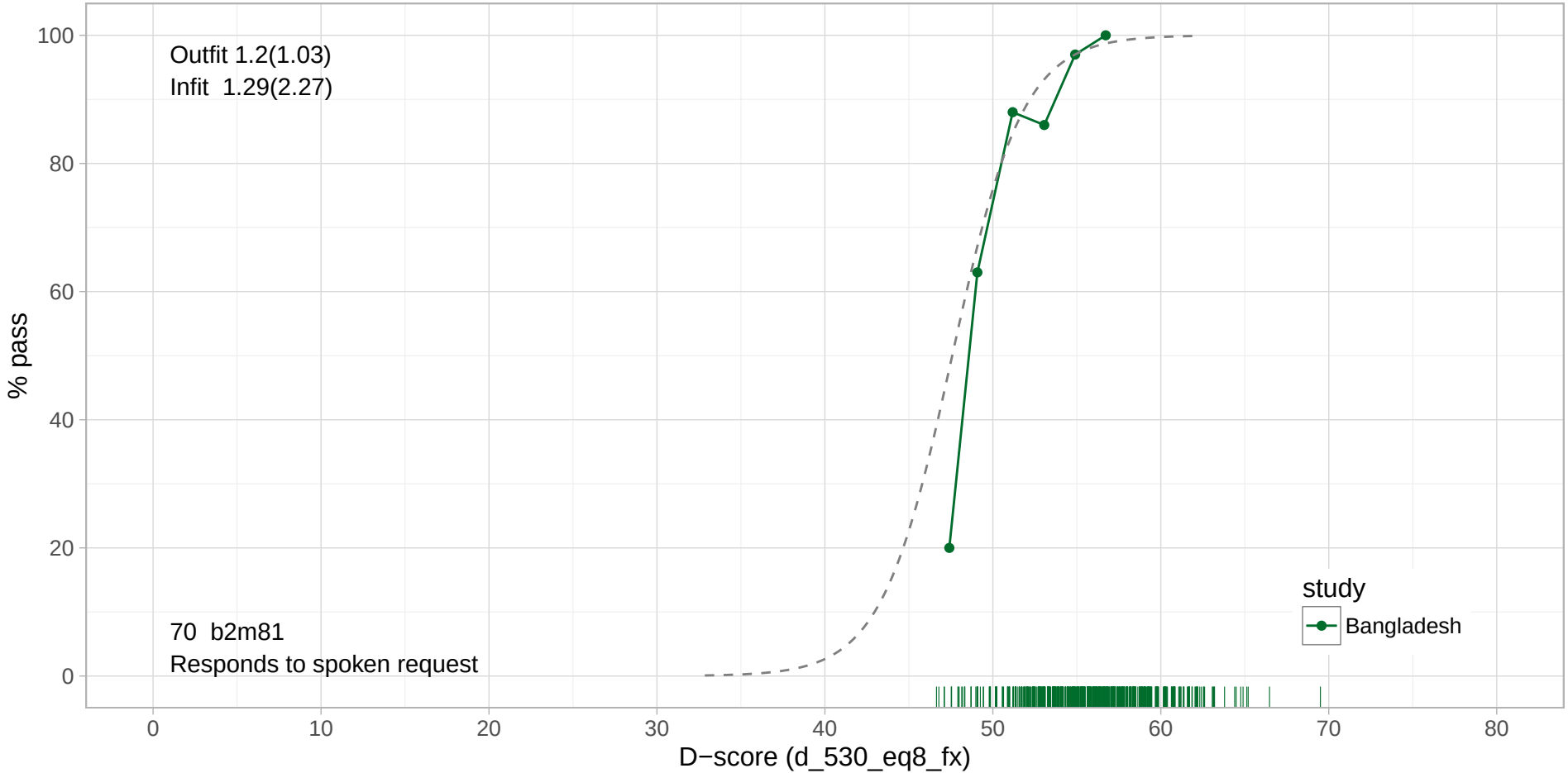

Outfit 0.97(−0.05)
Infit 1.04(0.33)
65 b1m160
study
Chile 1
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

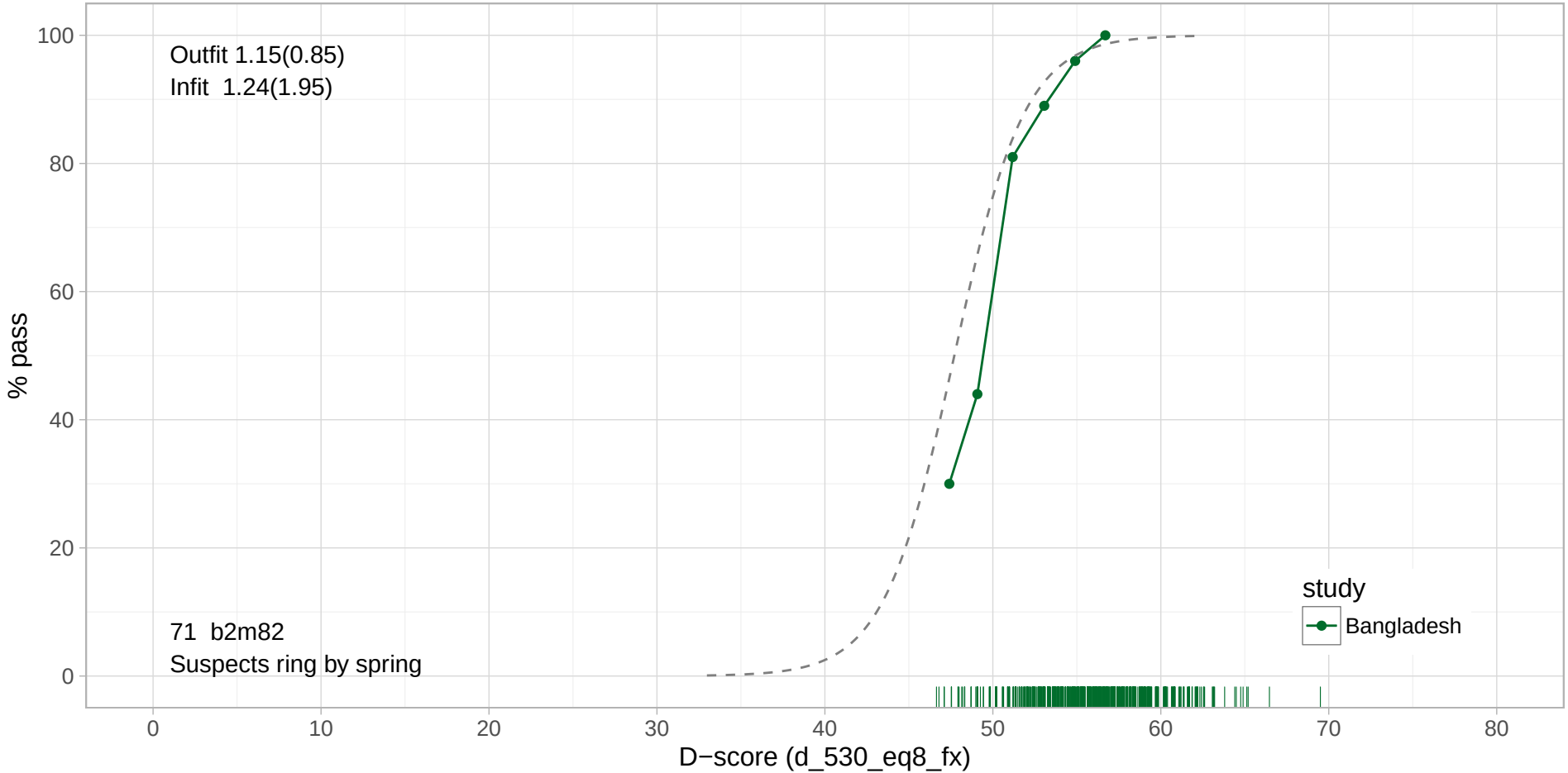

Outfit 1.14(0.95)
Infit 1.07(0.68)
66 b1m161
builds ower of 8 cubes
study
Chile 1
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

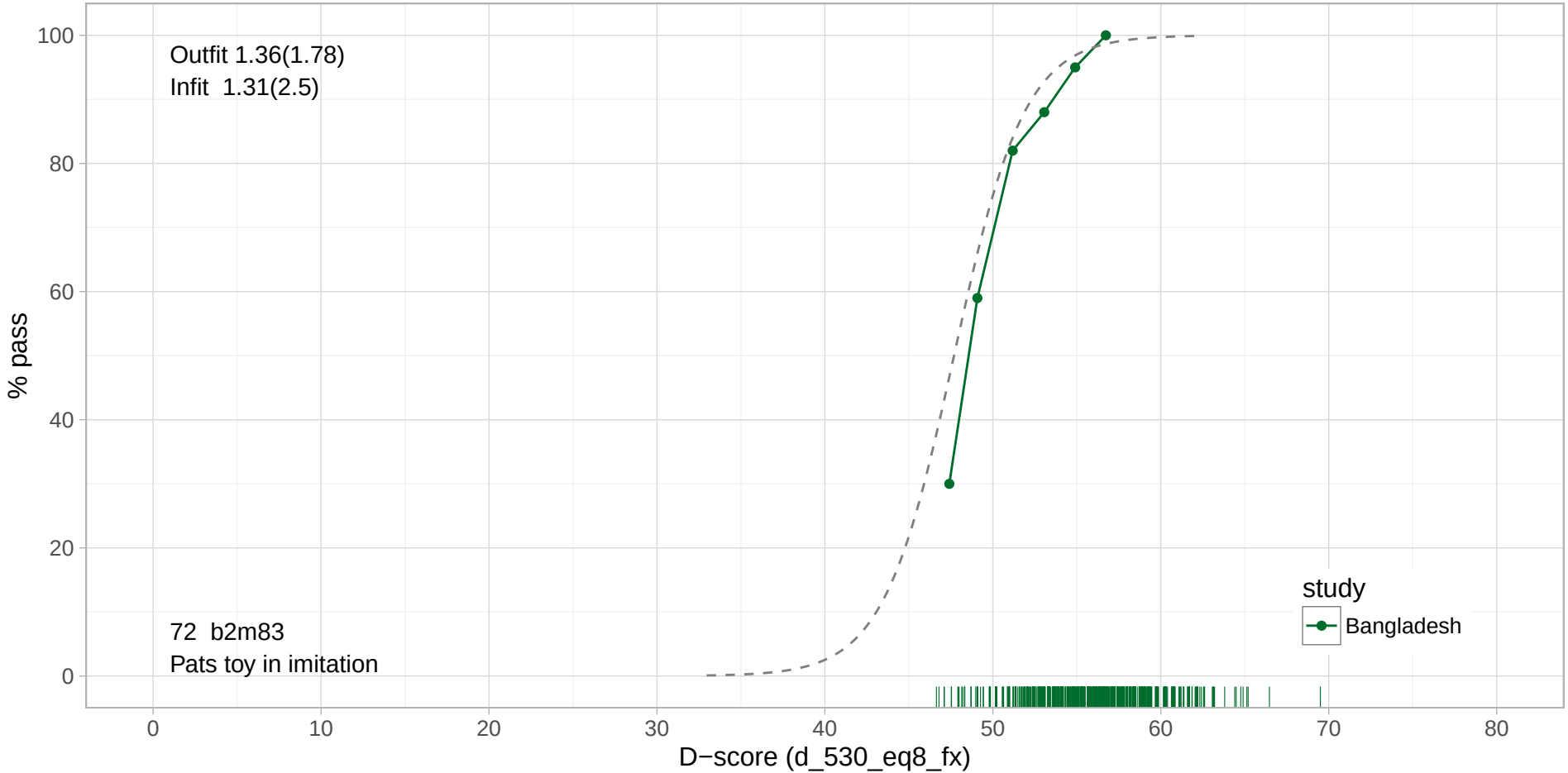

Outfit 1.2(1.08)
Infit 1.11(1.24)
67 b2m76
Jabbers expressively
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

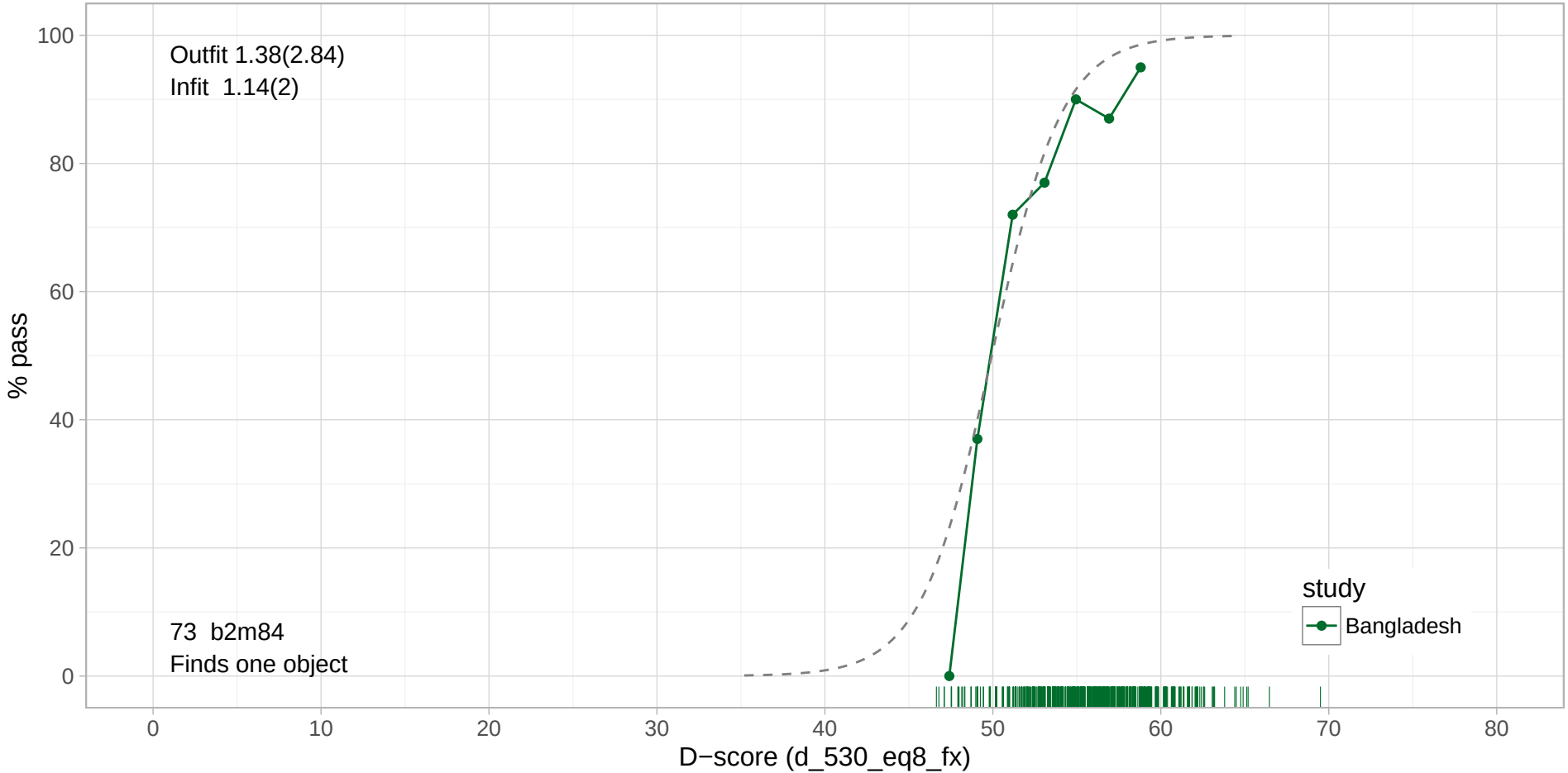

Outfit 1.18(0.81)
Infit 1.46(2.8)
68 b2m78
Consonant−Vowel Combination Series: 4 Combination
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

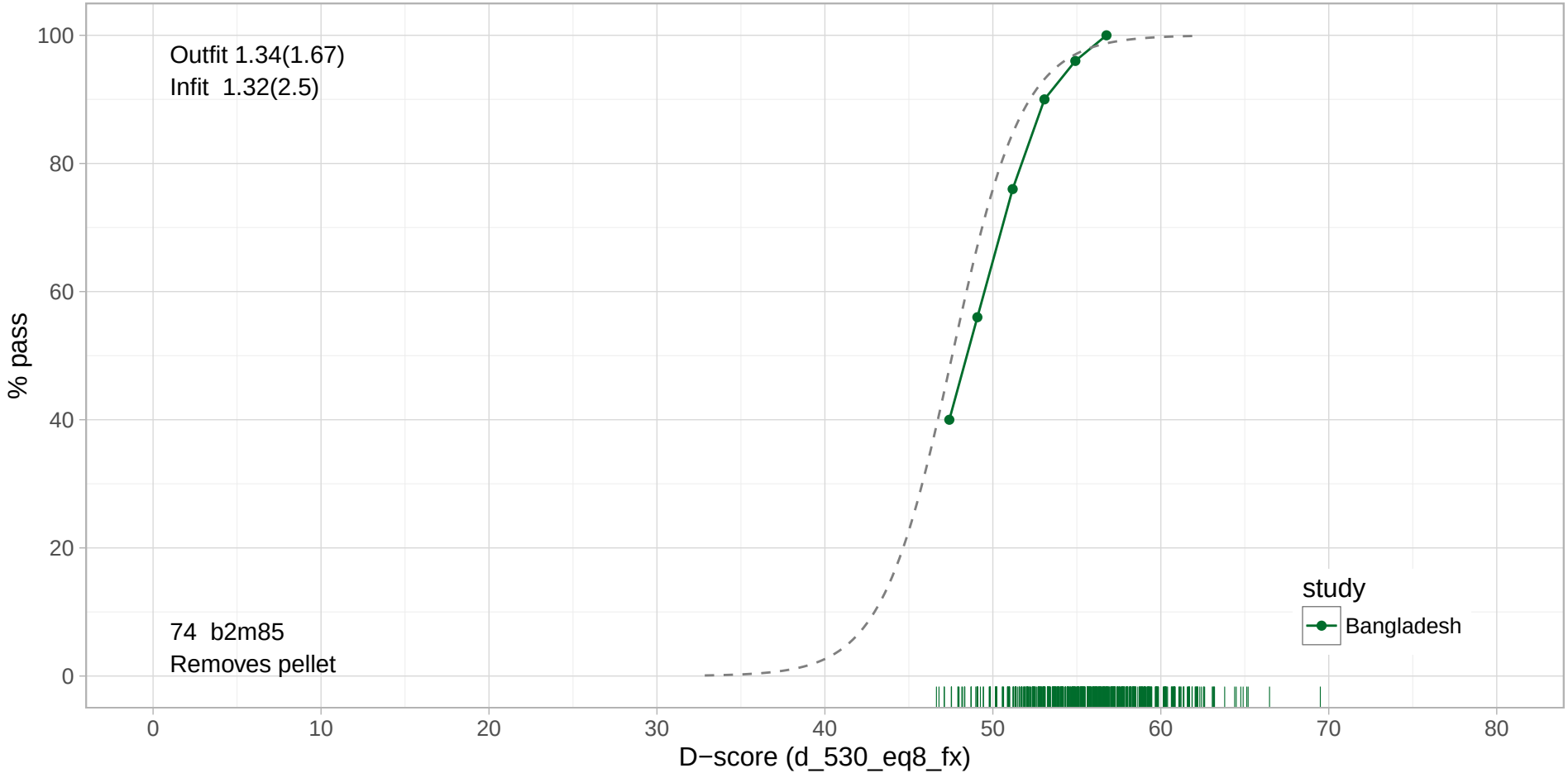

Outfit 1.38(1.5)
Infit 1.38(2.32)
69 b2m80
Removes lid from box
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

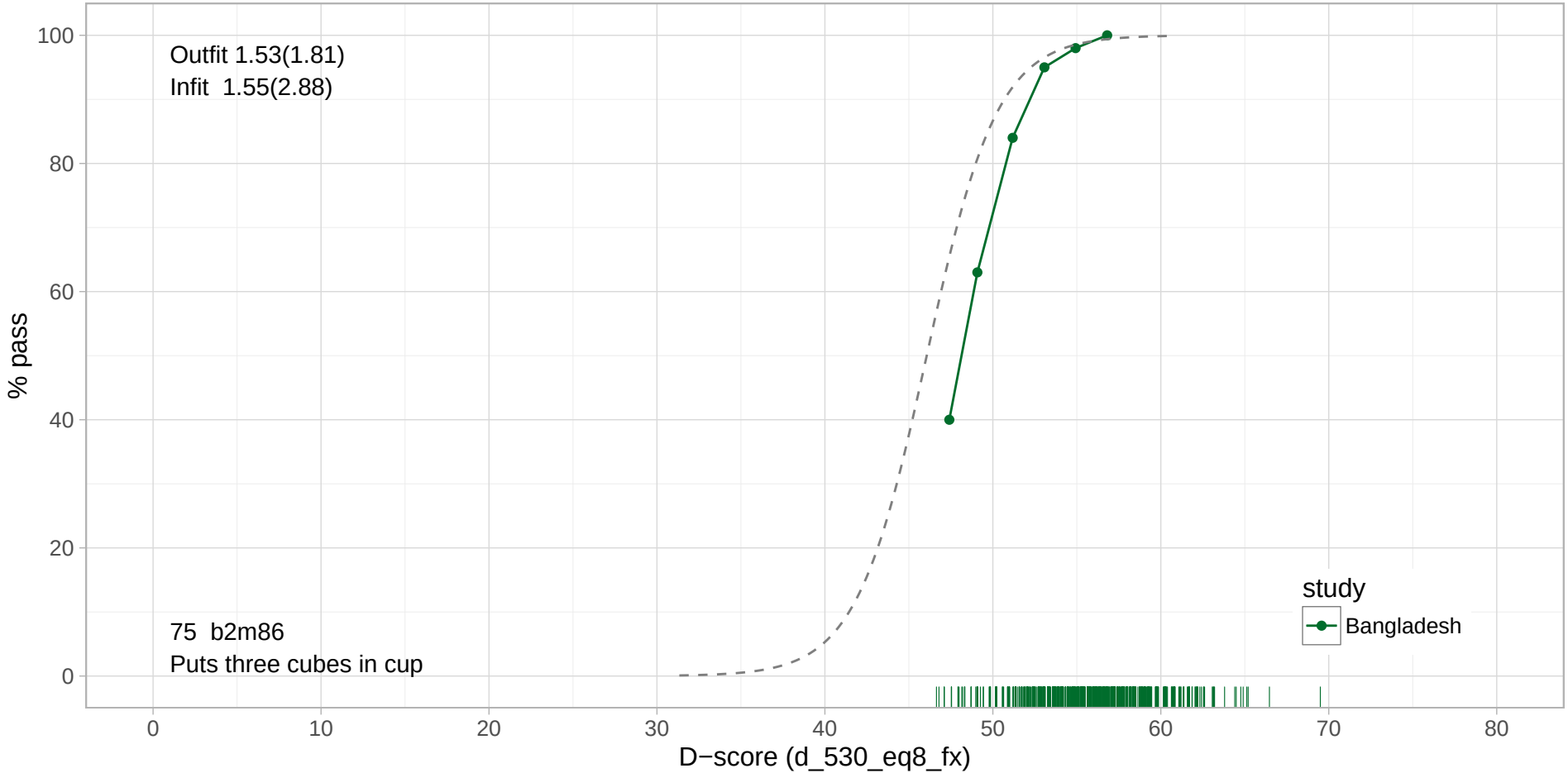

Outfit 1.2(1.03)
Infit 1.29(2.27)
70 b2m81
Responds to spoken request
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

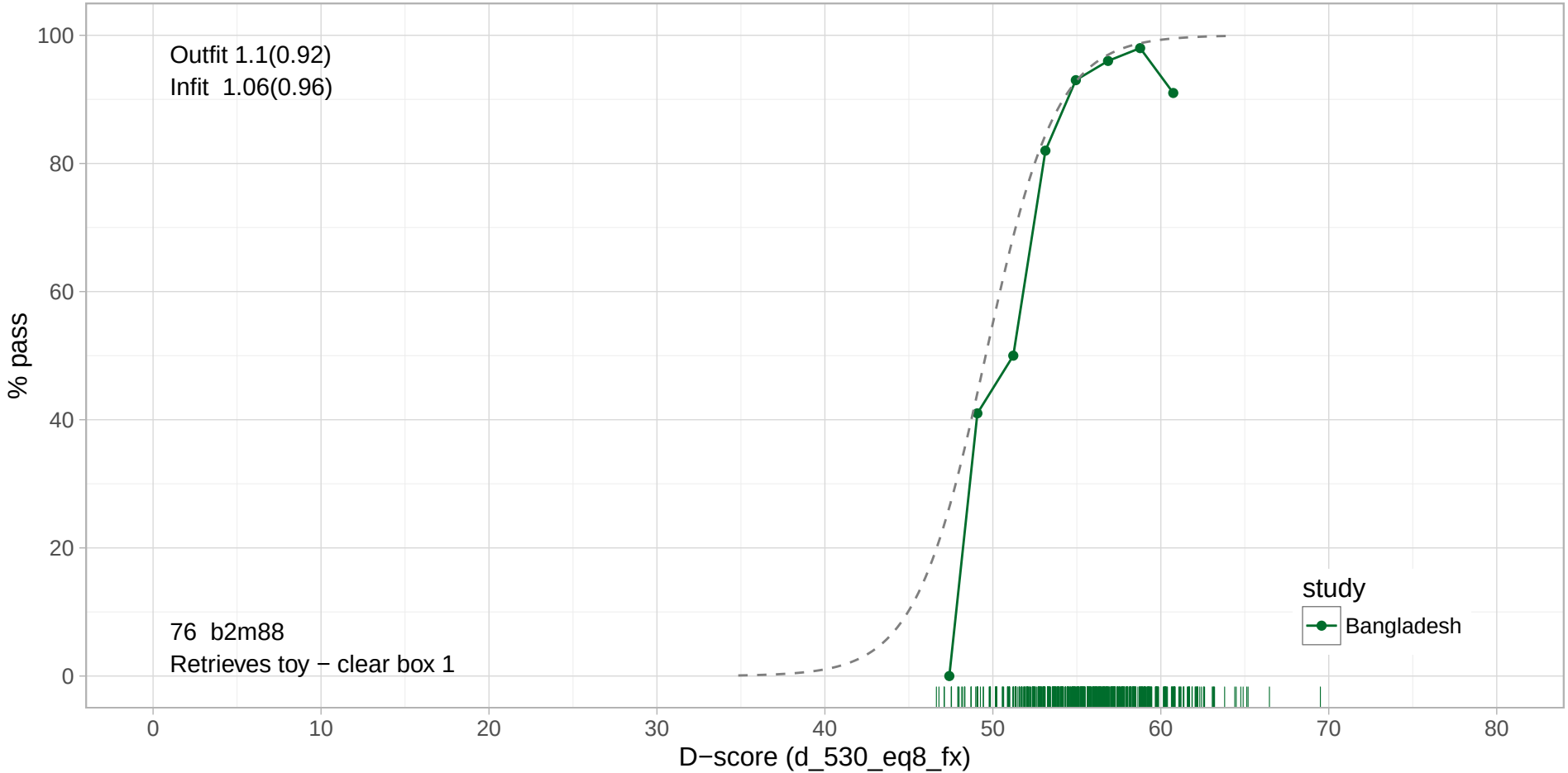

Outfit 1.15(0.85)
Infit 1.24(1.95)
71 b2m82
Suspects ring by spring
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

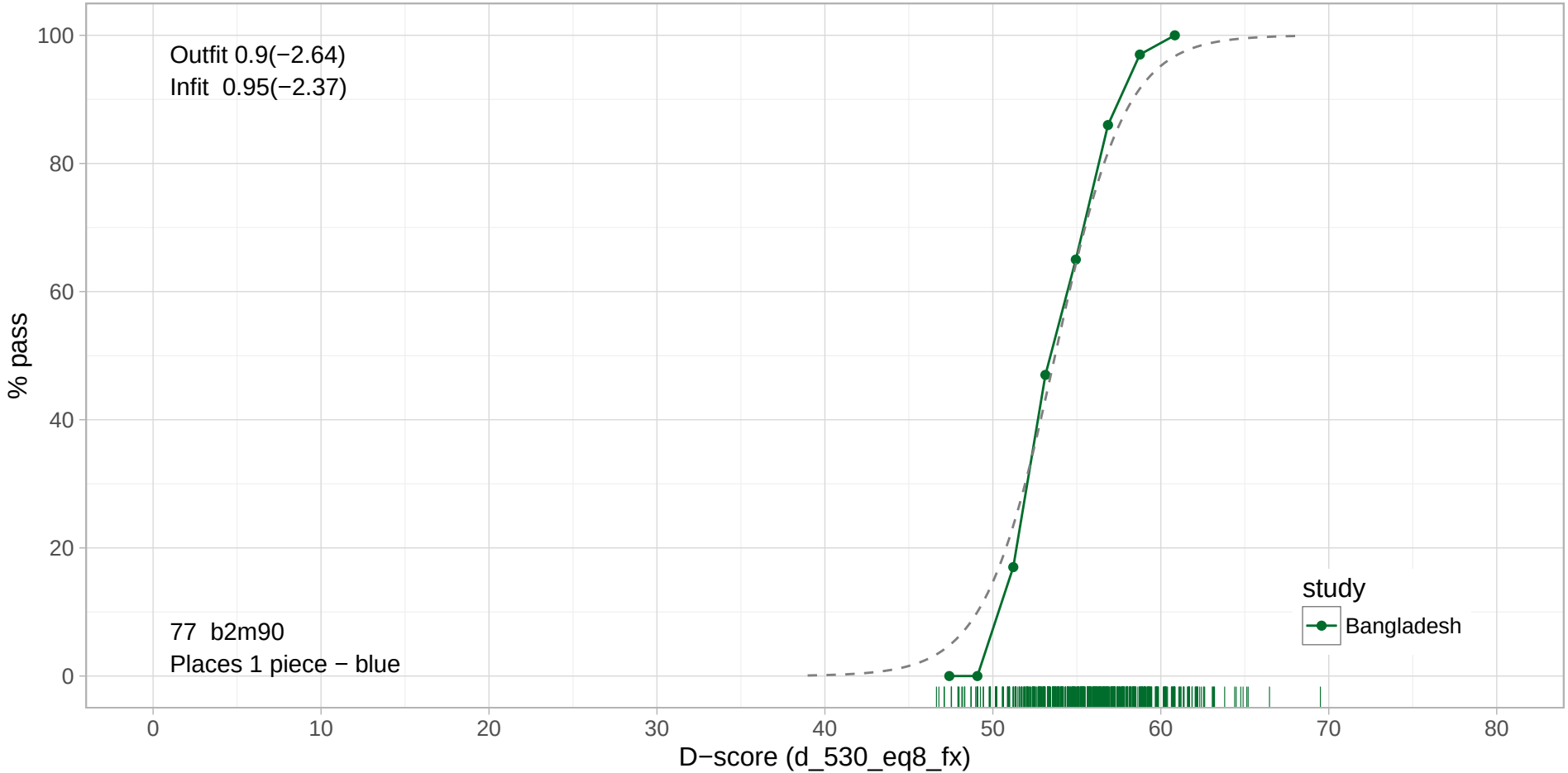

Outfit 1.36(1.78)
Infit 1.31(2.5)
72 b2m83
Pats toy in imitation
% pass
D−score (d_530_eq8_fx)
study
Bangladesh
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

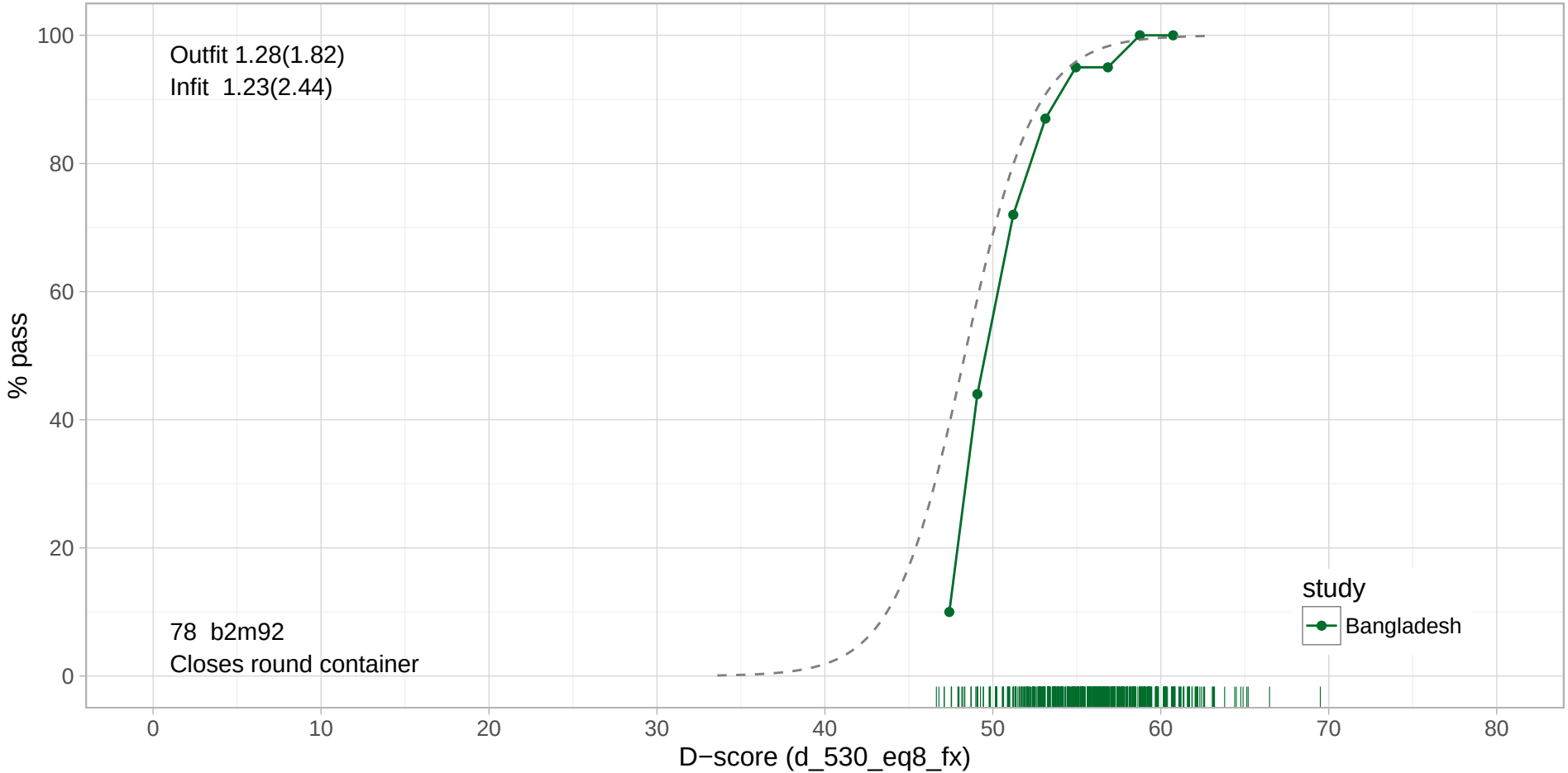

Outfit 1.38(2.84)
Infit 1.14(2)
73 b2m84
Finds one object
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

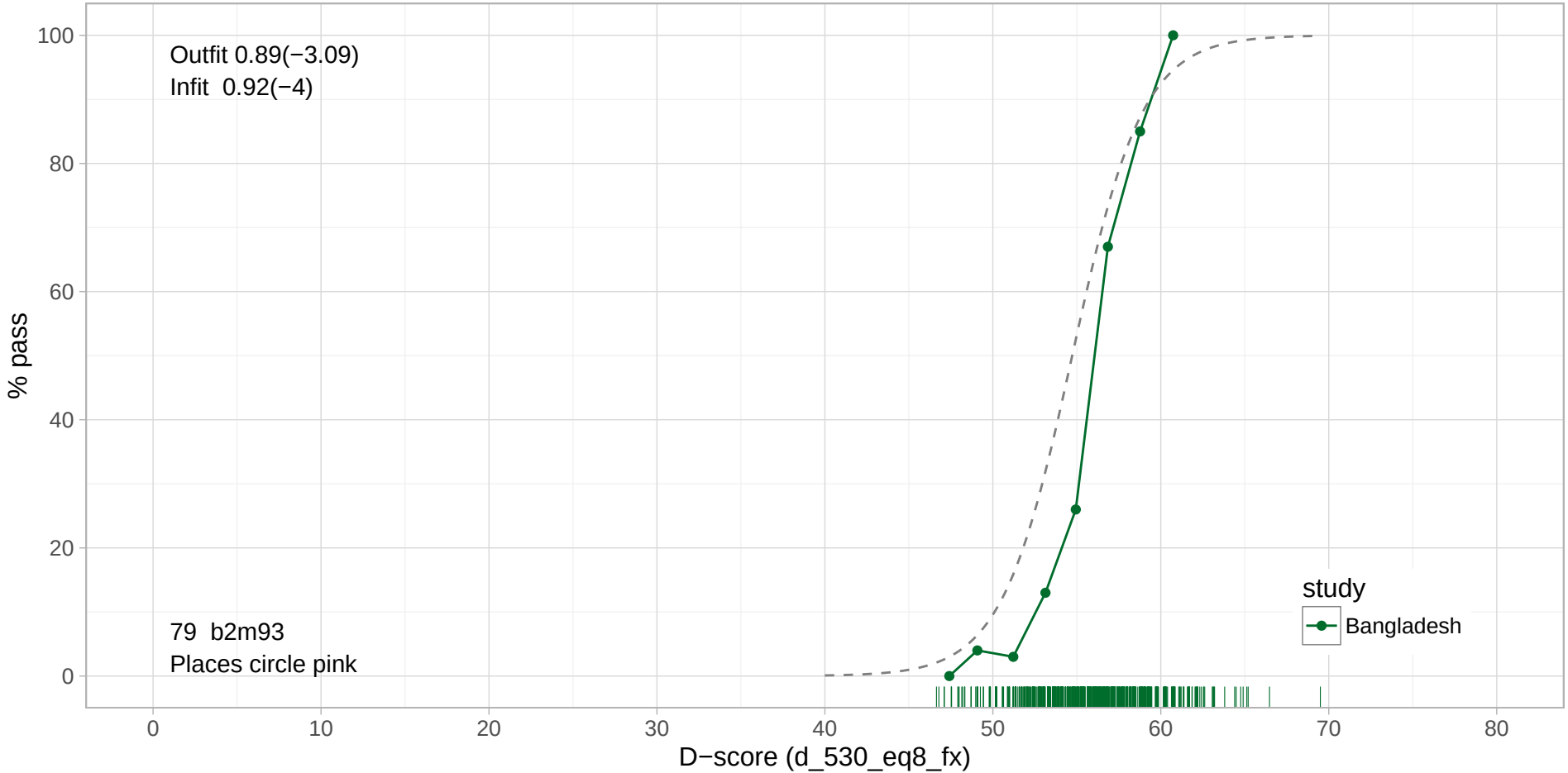

Outfit 1.34(1.67)
Infit 1.32(2.5)
74 b2m85
Removes pellet
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

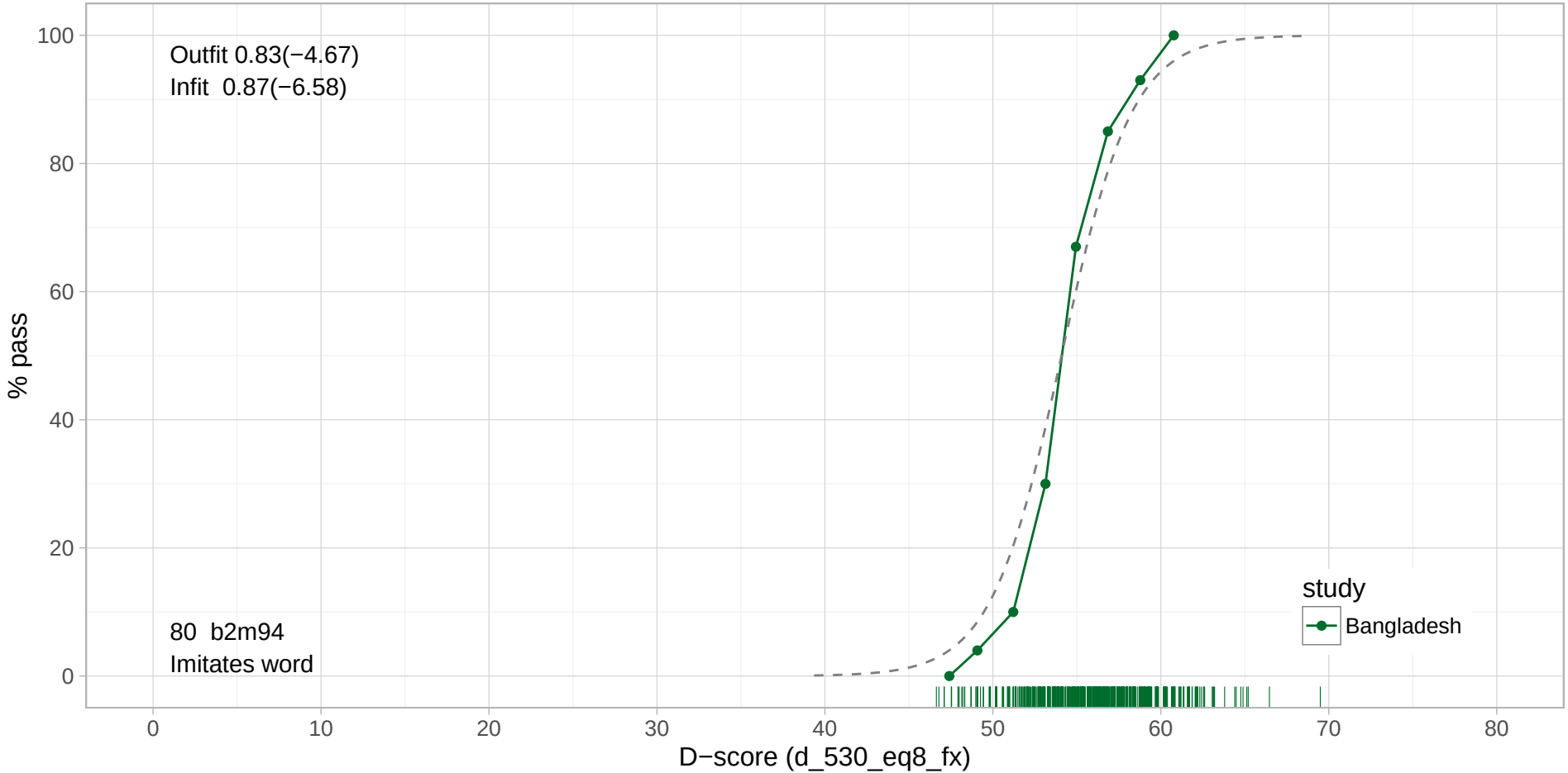

Outfit 1.53(1.81)
Infit 1.55(2.88)
75 b2m86
Puts three cubes in cup
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

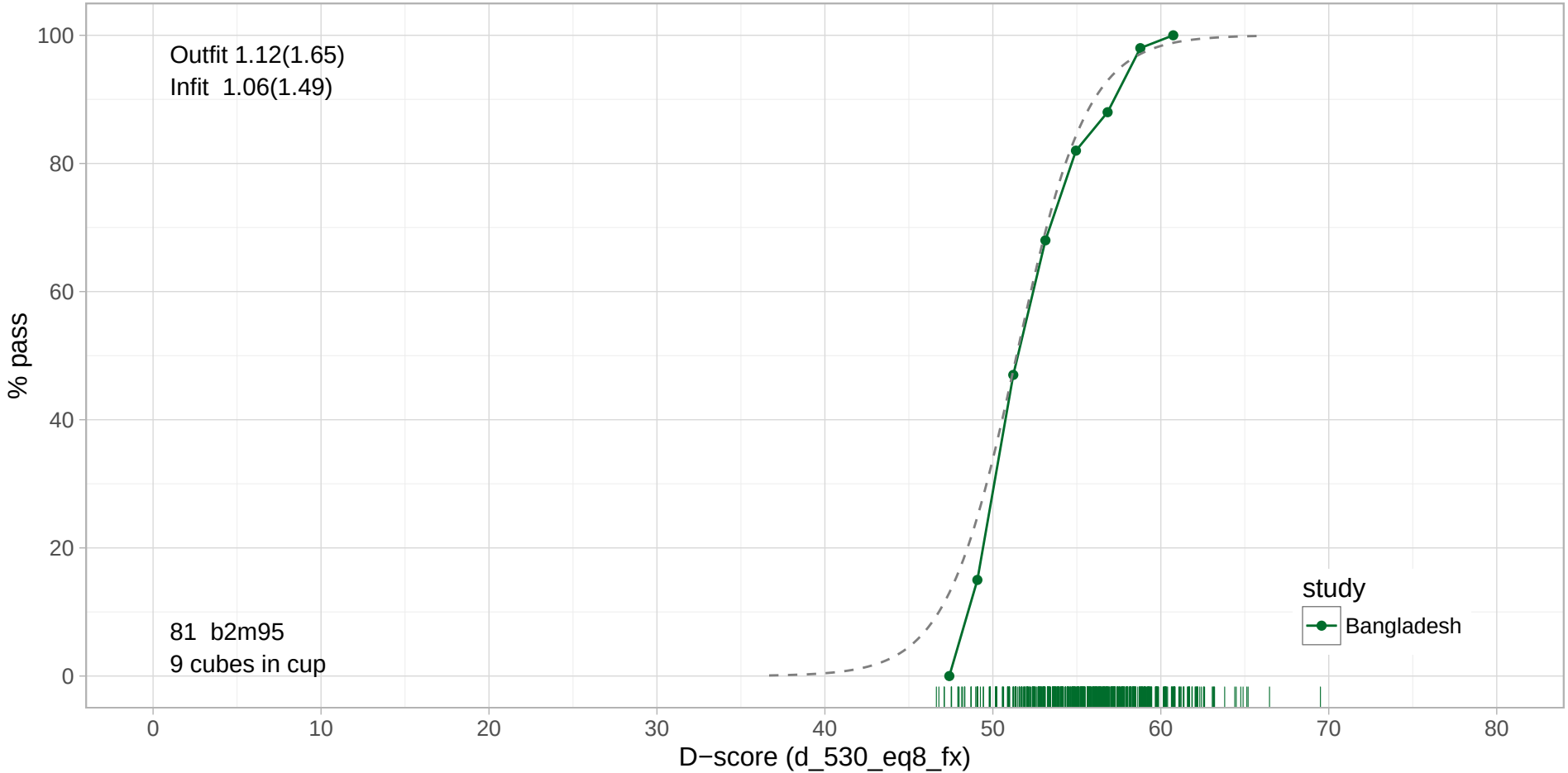

Outfit 1.1(0.92)
Infit 1.06(0.96)
76 b2m88
Retrieves toy − clear box 1
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

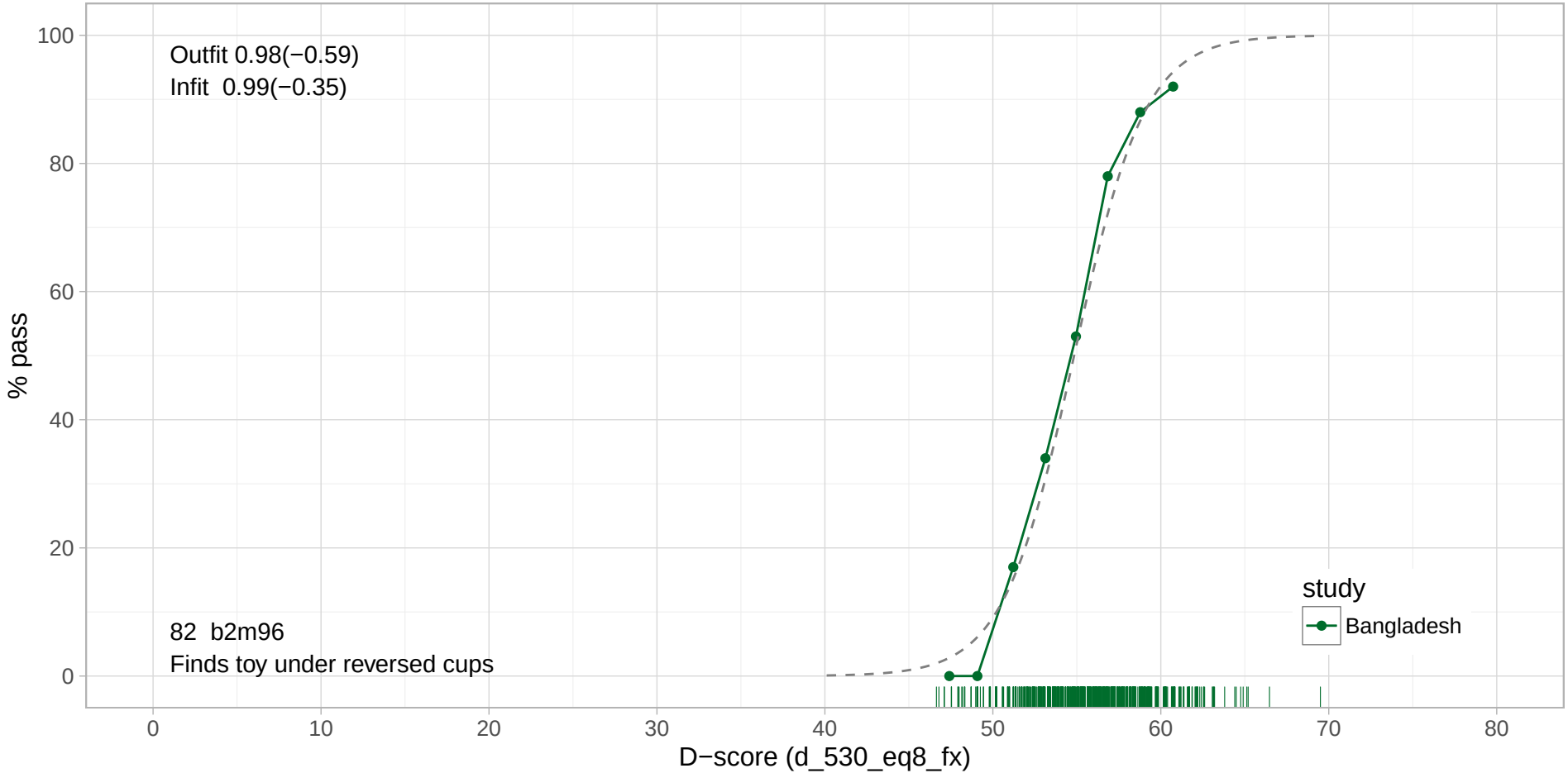

Outfit 0.9(−2.64)
Infit 0.95(−2.37)
77 b2m90
Places 1 piece − blue
% pass
D−score (d_530_eq8_fx)
study
Bangladesh
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

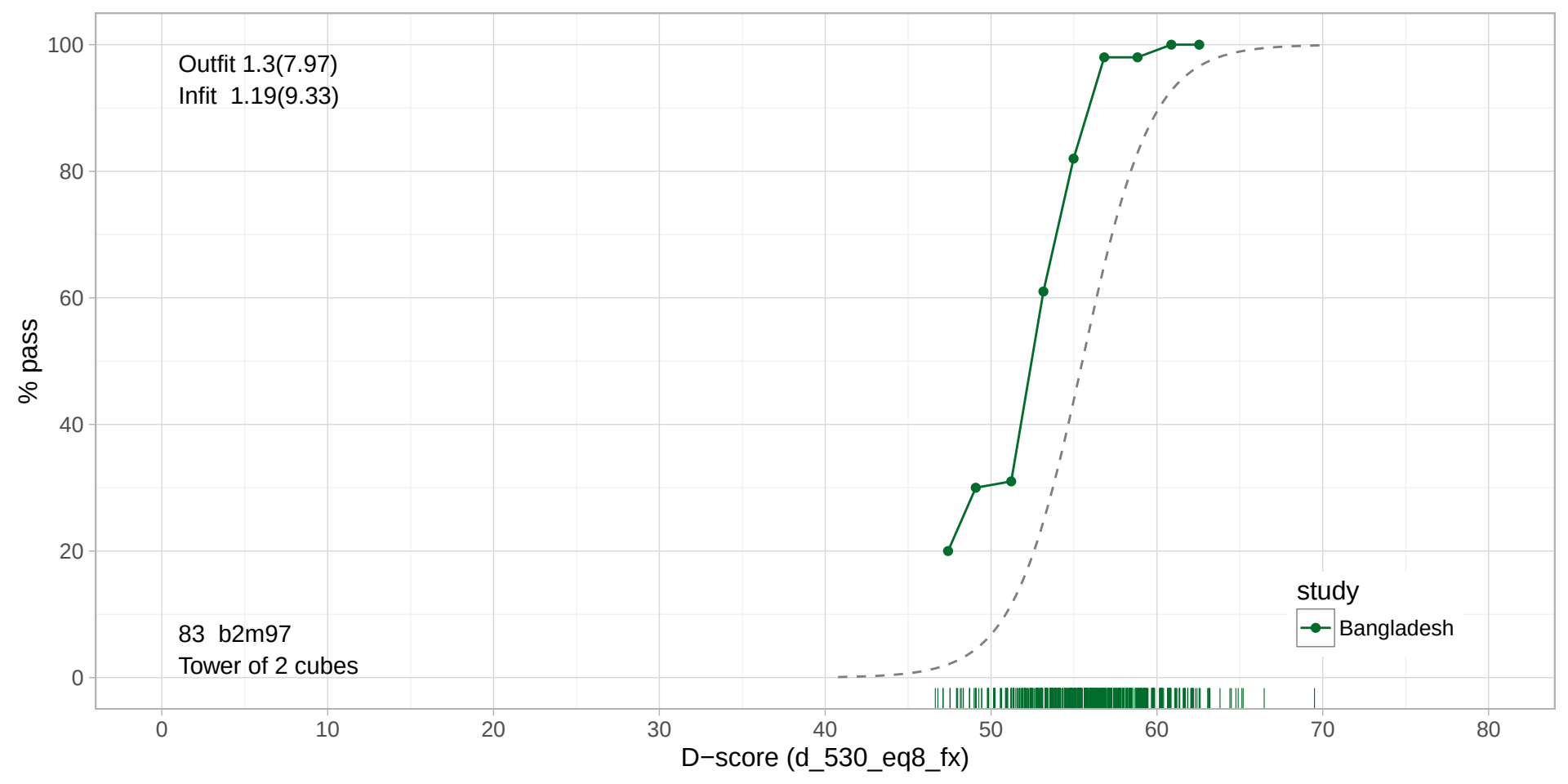

Outfit 1.28(1.82)
Infit 1.23(2.44)
78 b2m92
Closes round container
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

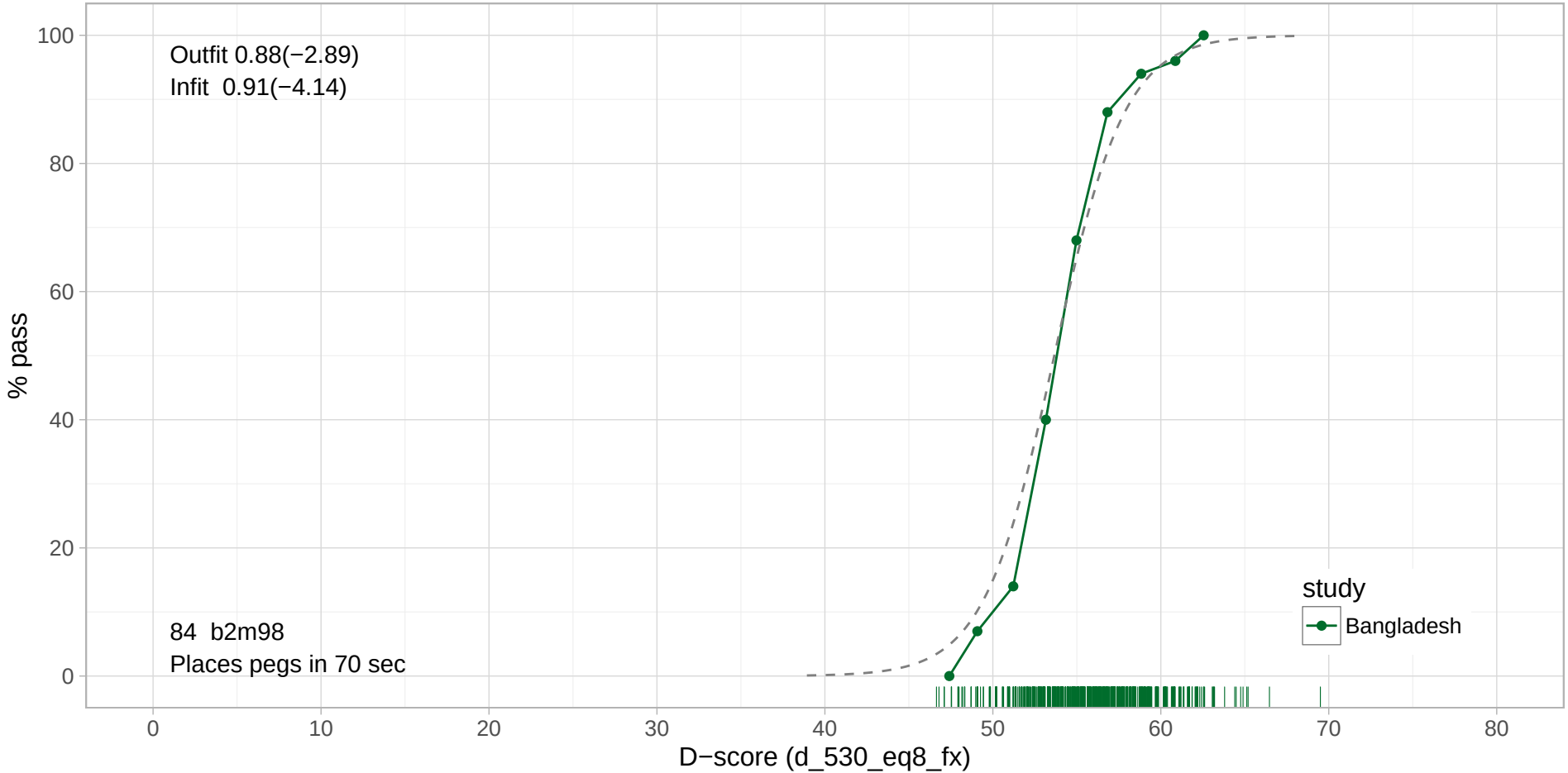

Outfit 0.89(−3.09)
Infit 0.92(−4)
79 b2m93
Places circle pink
% pass
D−score (d_530_eq8_fx)
study
Bangladesh
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

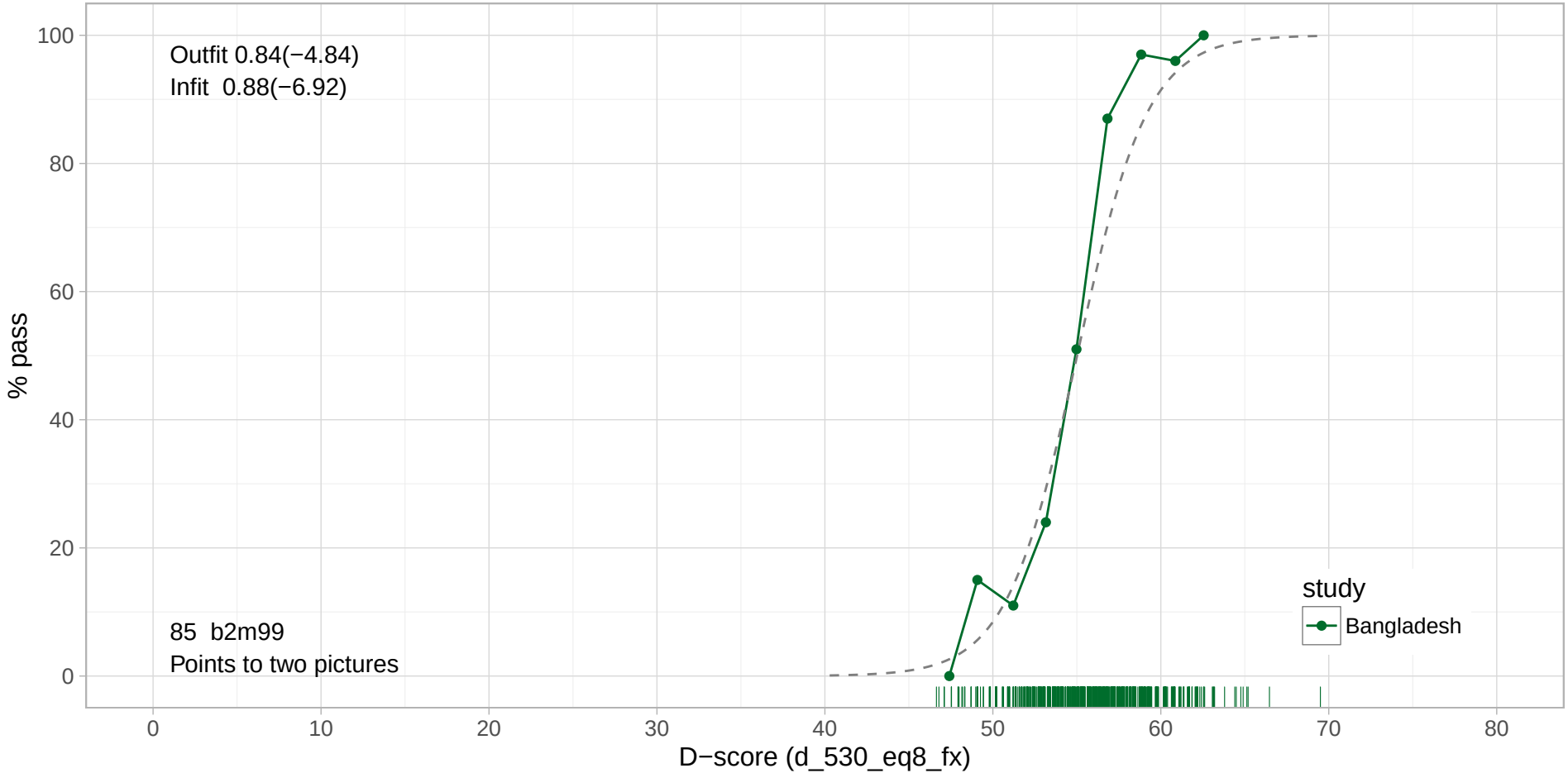

Outfit 0.83(−4.67)
Infit 0.87(−6.58)
80 b2m94
Imitates word
% pass
D−score (d_530_eq8_fx)
study
Bangladesh
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

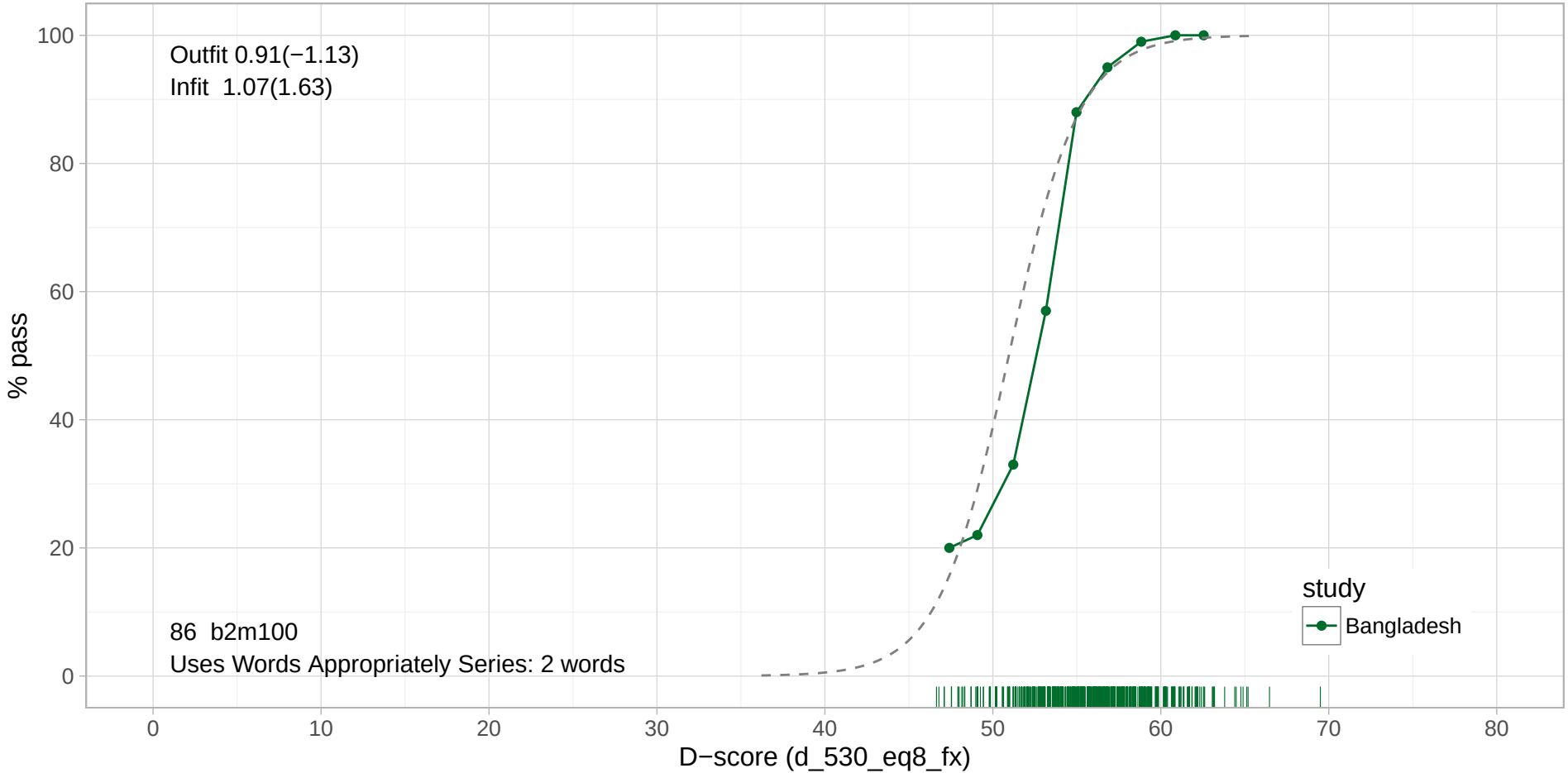

Outfit 1.12(1.65)
Infit 1.06(1.49)
81 b2m95
9 cubes in cup
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

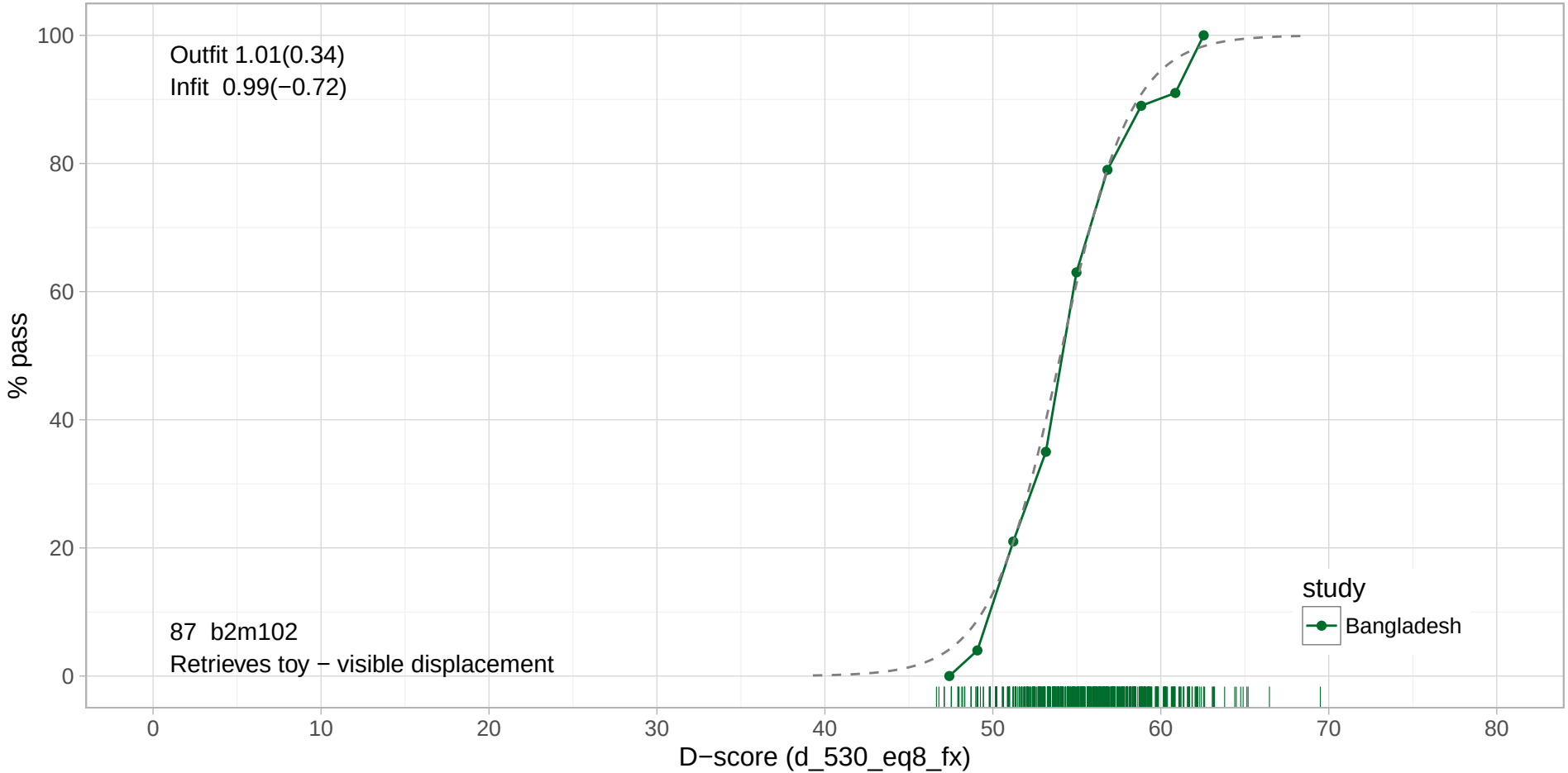

Outfit 0.98(−0.59)
Infit 0.99(−0.35)
82 b2m96
Finds toy under reversed cups
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

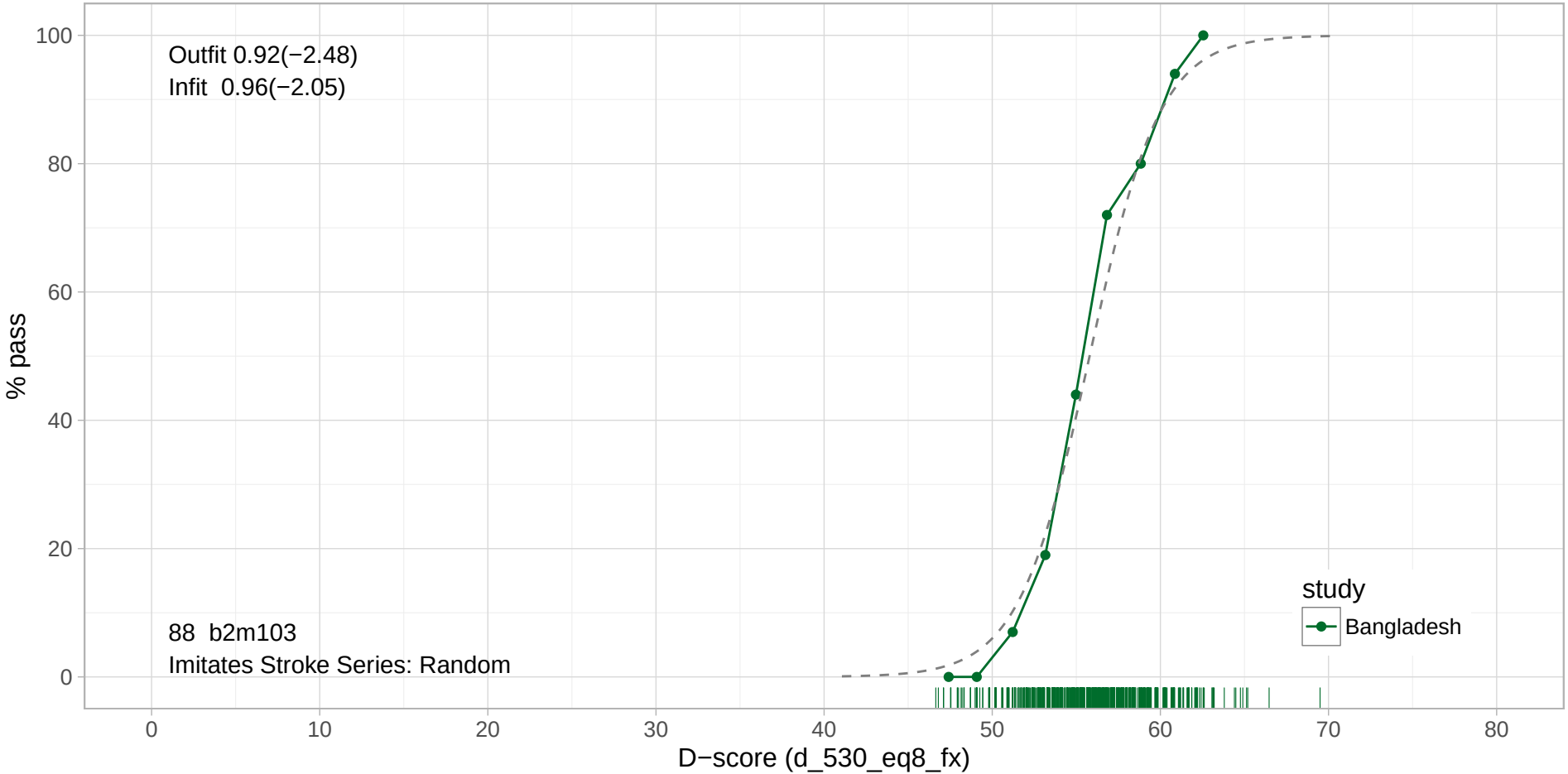

Outfit 1.3(7.97)
Infit 1.19(9.33)
83 b2m97
Tower of 2 cubes
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

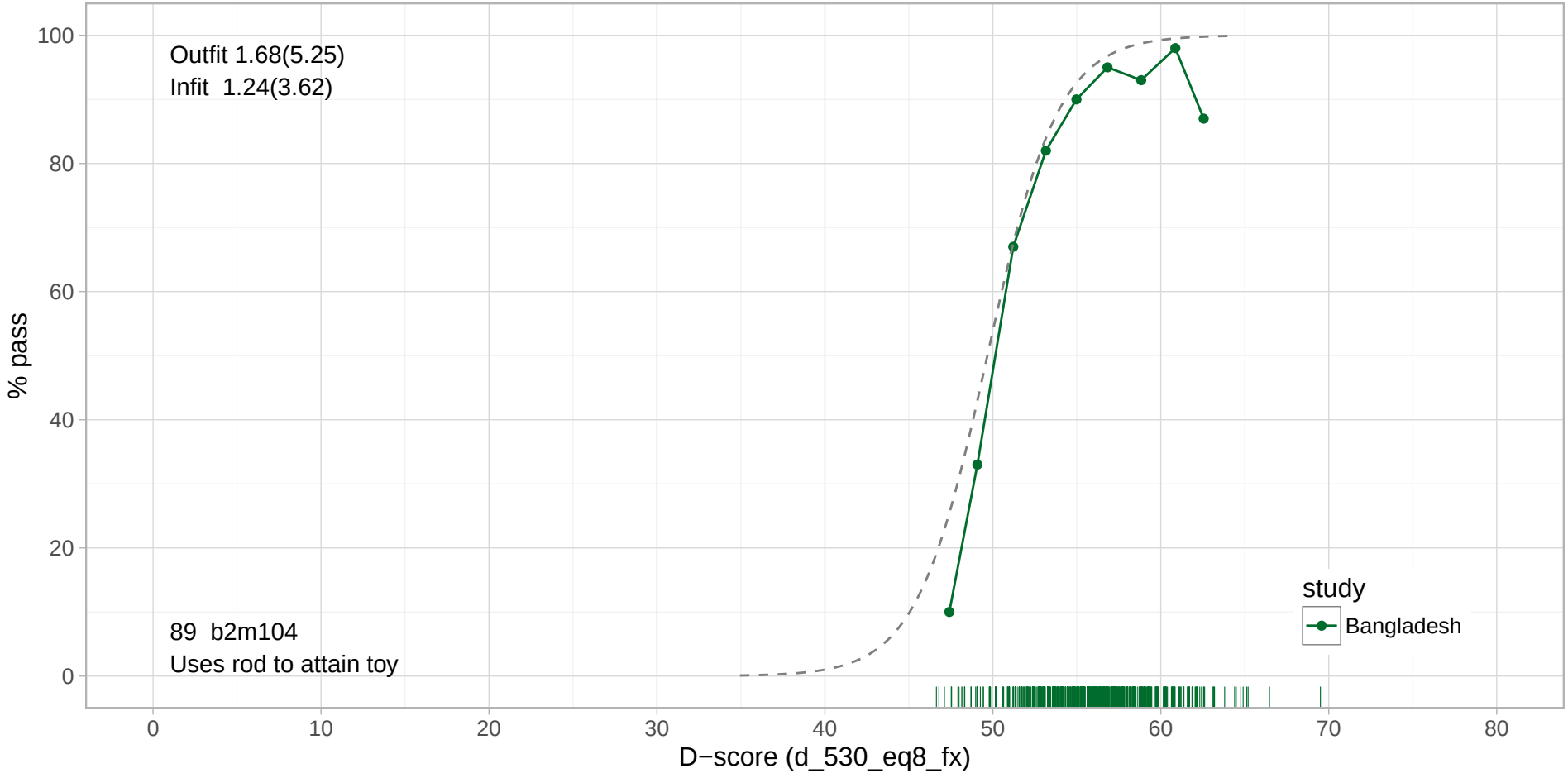

Outfit 0.88(−2.89)
Infit 0.91(−4.14)
84 b2m98
Places pegs in 70 sec
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

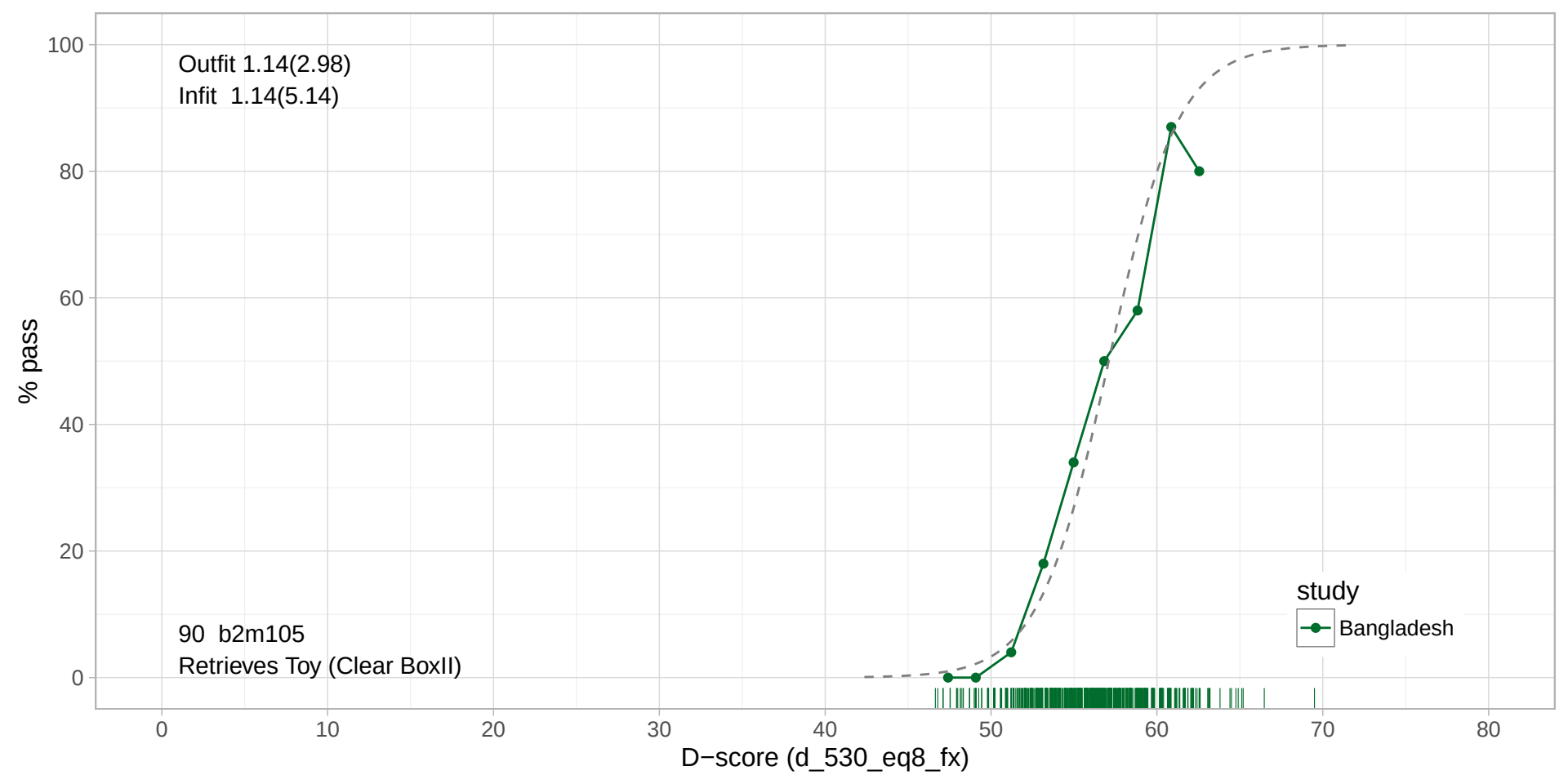

Outfit 0.84(−4.84)
Infit 0.88(−6.92)
85 b2m99
Points to two pictures
% pass
D−score (d_530_eq8_fx)
study
Bangladesh
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

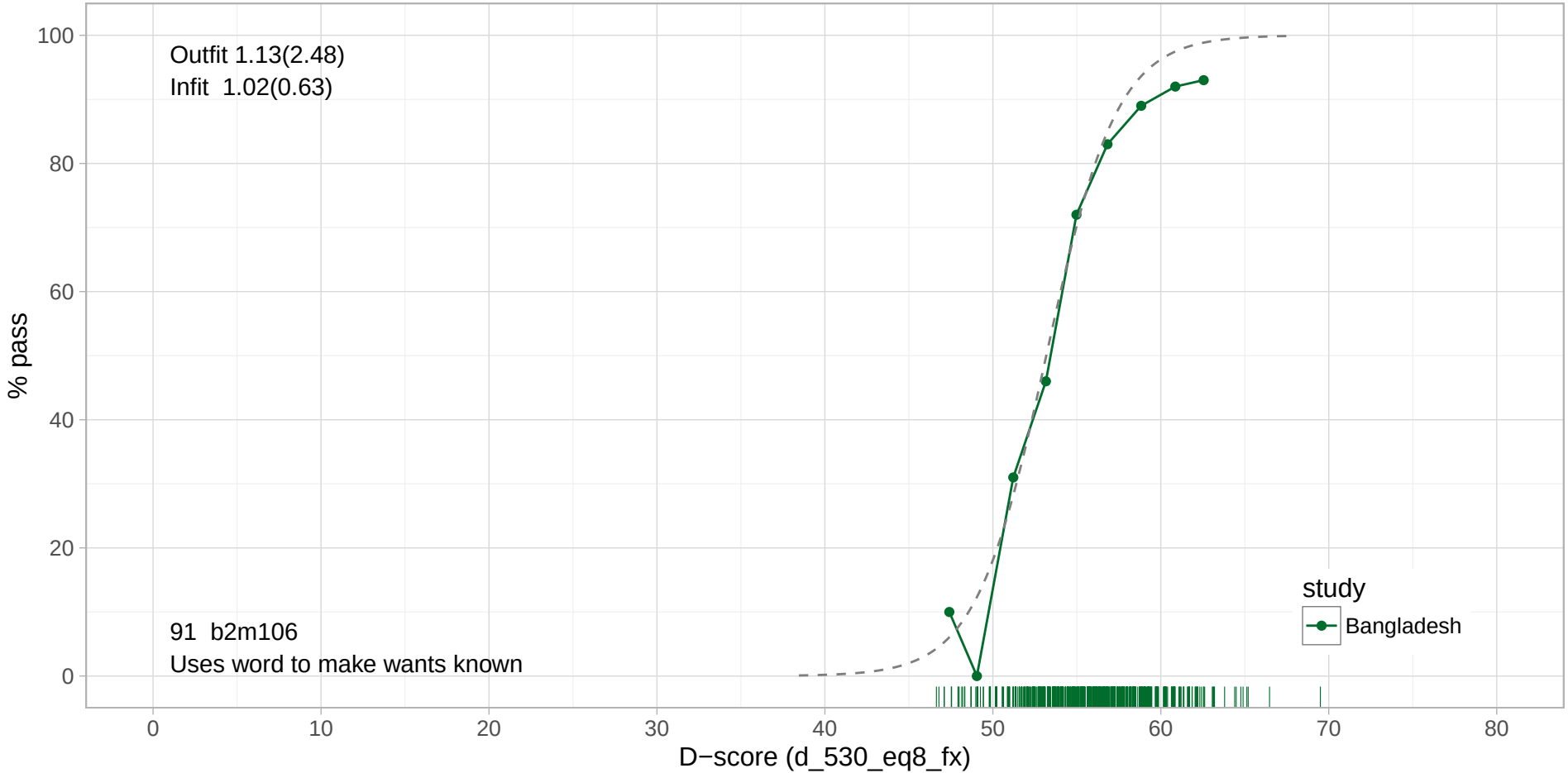

Outfit 0.91(−1.13)
Infit 1.07(1.63)
86 b2m100
Uses Words Appropriately Series: 2 words
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

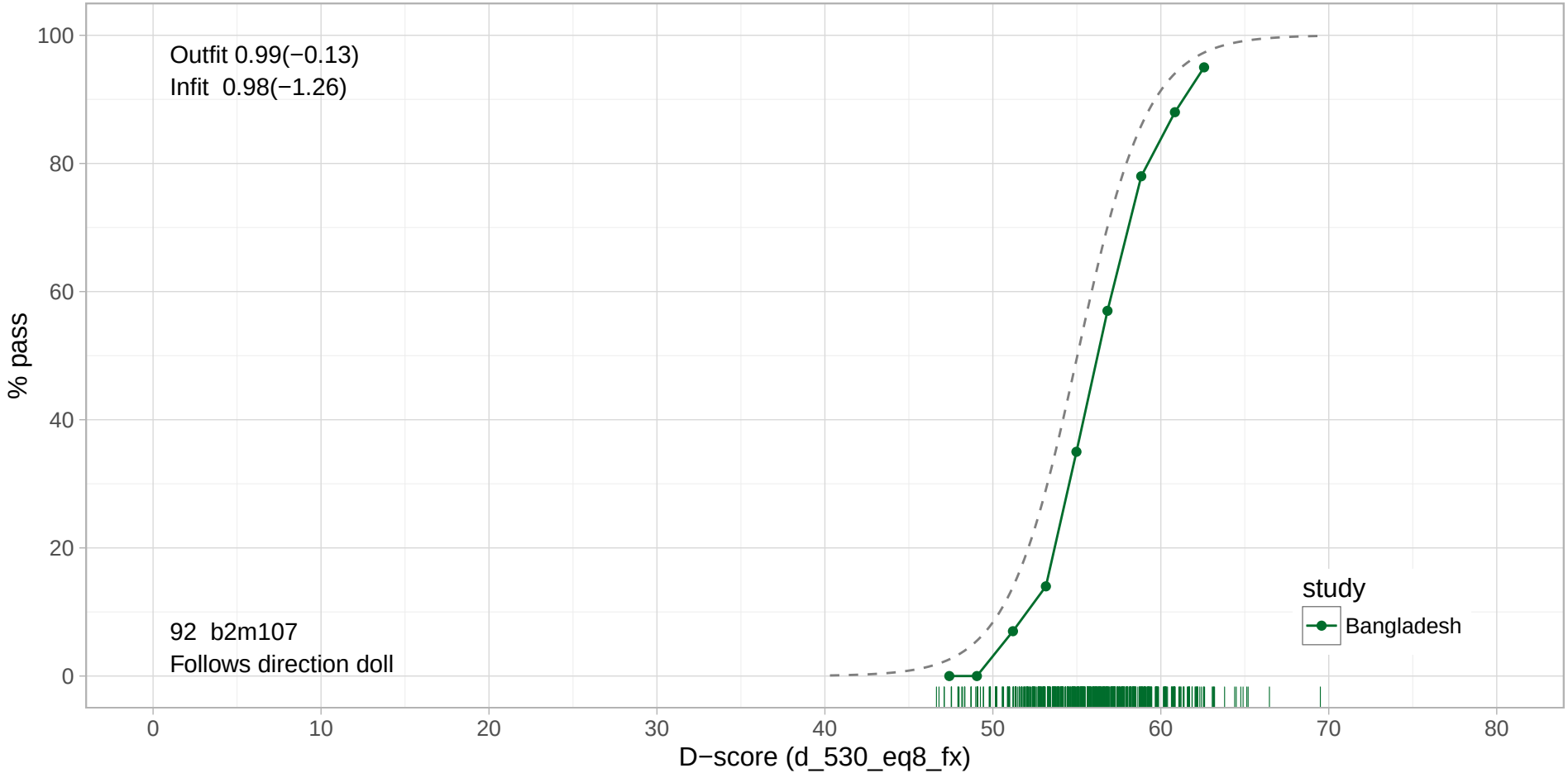

Outfit 1.01(0.34)
Infit 0.99(−0.72)
87 b2m102
Retrieves toy − visible displacement
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

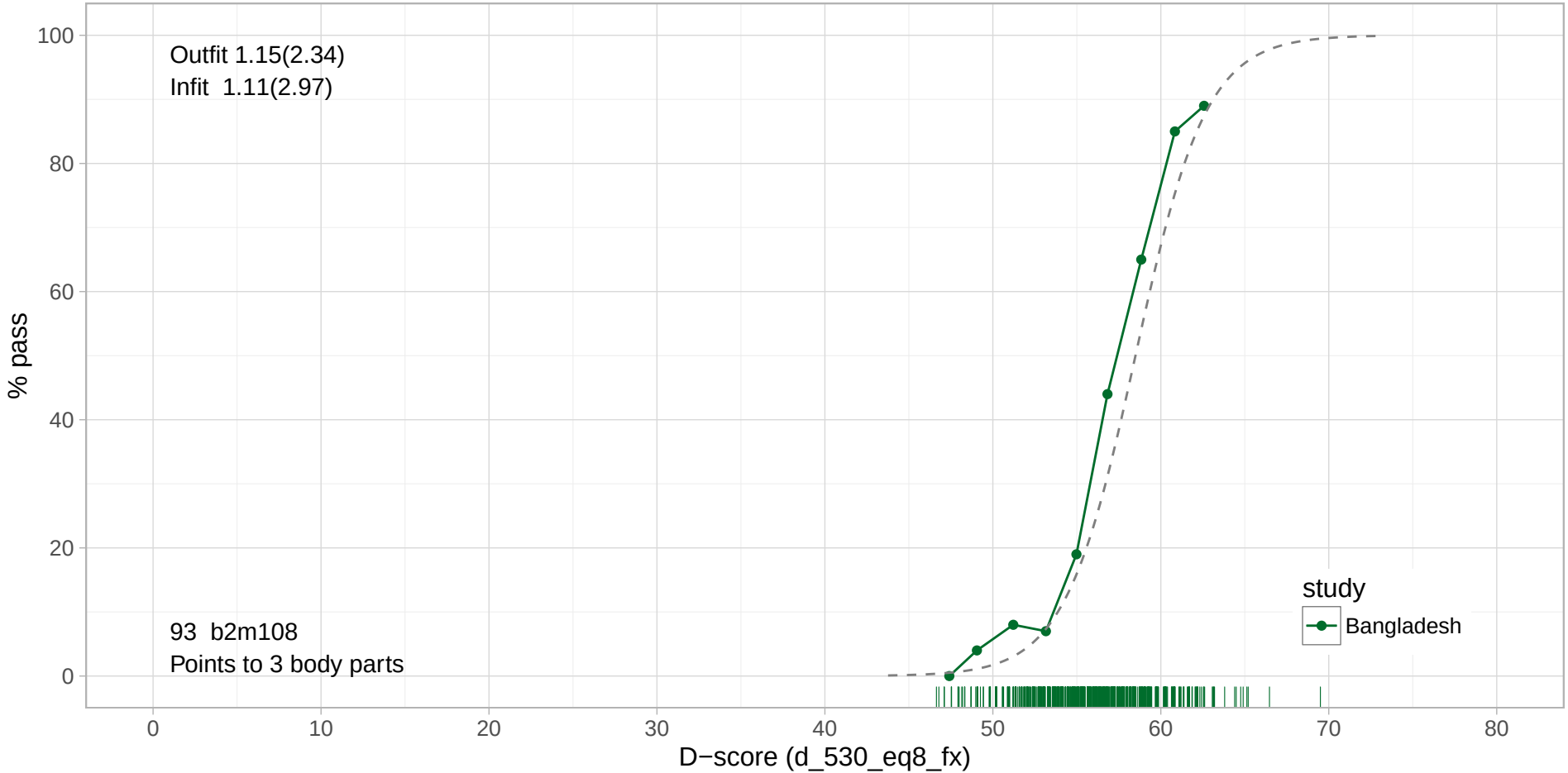

Outfit 0.92(−2.48)
Infit 0.96(−2.05)
88 b2m103
Imitates Stroke Series: Random
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

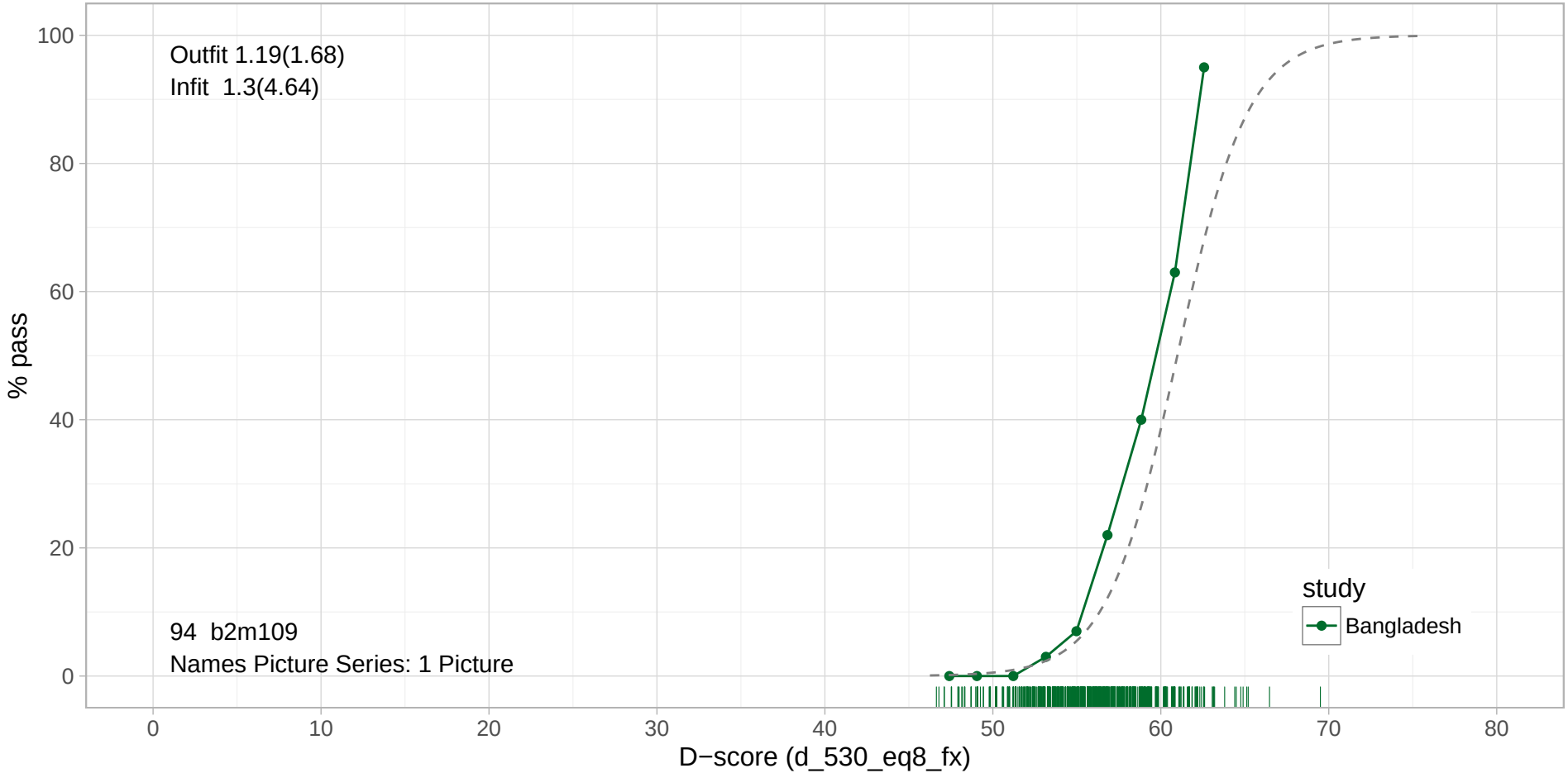

Outfit 1.68(5.25)
Infit 1.24(3.62)
89 b2m104
Uses rod to attain toy
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

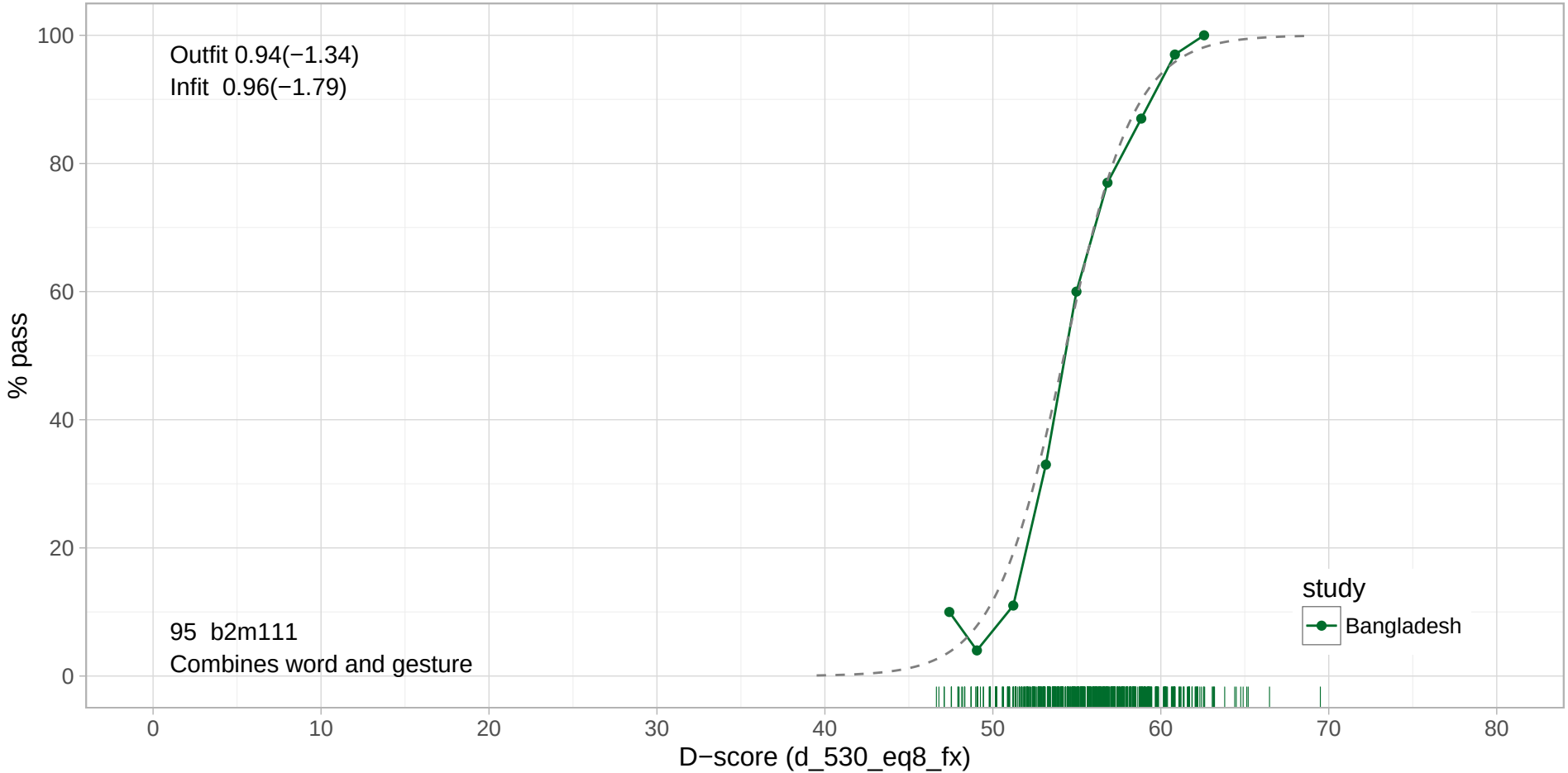

Outfit 1.14(2.98)
Infit 1.14(5.14)
90 b2m105
Retrieves Toy (Clear BoxII)
% pass
D−score (d_530_eq8_fx)
study
Bangladesh
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

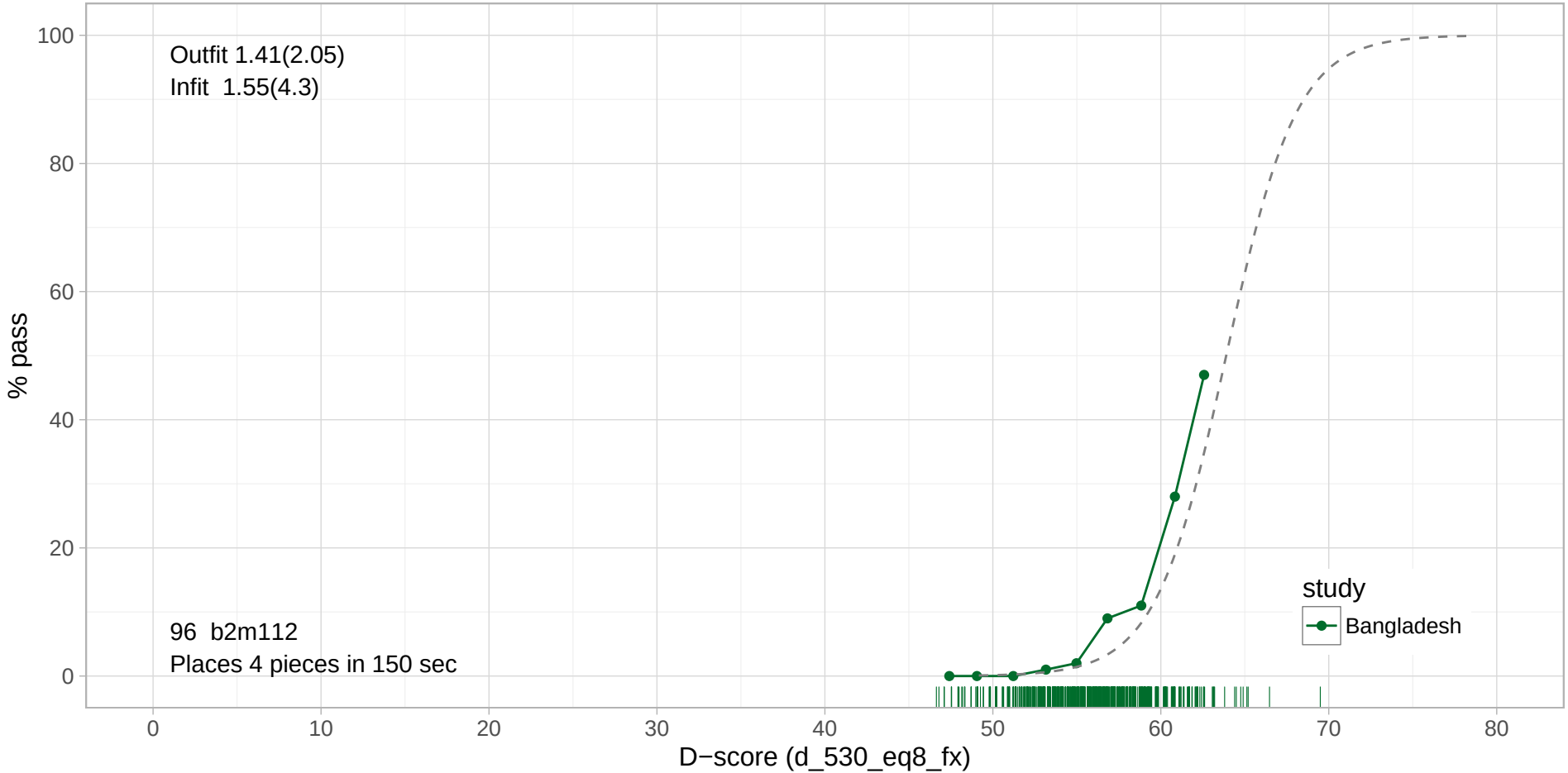

Outfit 1.13(2.48)
Infit 1.02(0.63)
91 b2m106
Uses word to make wants known
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

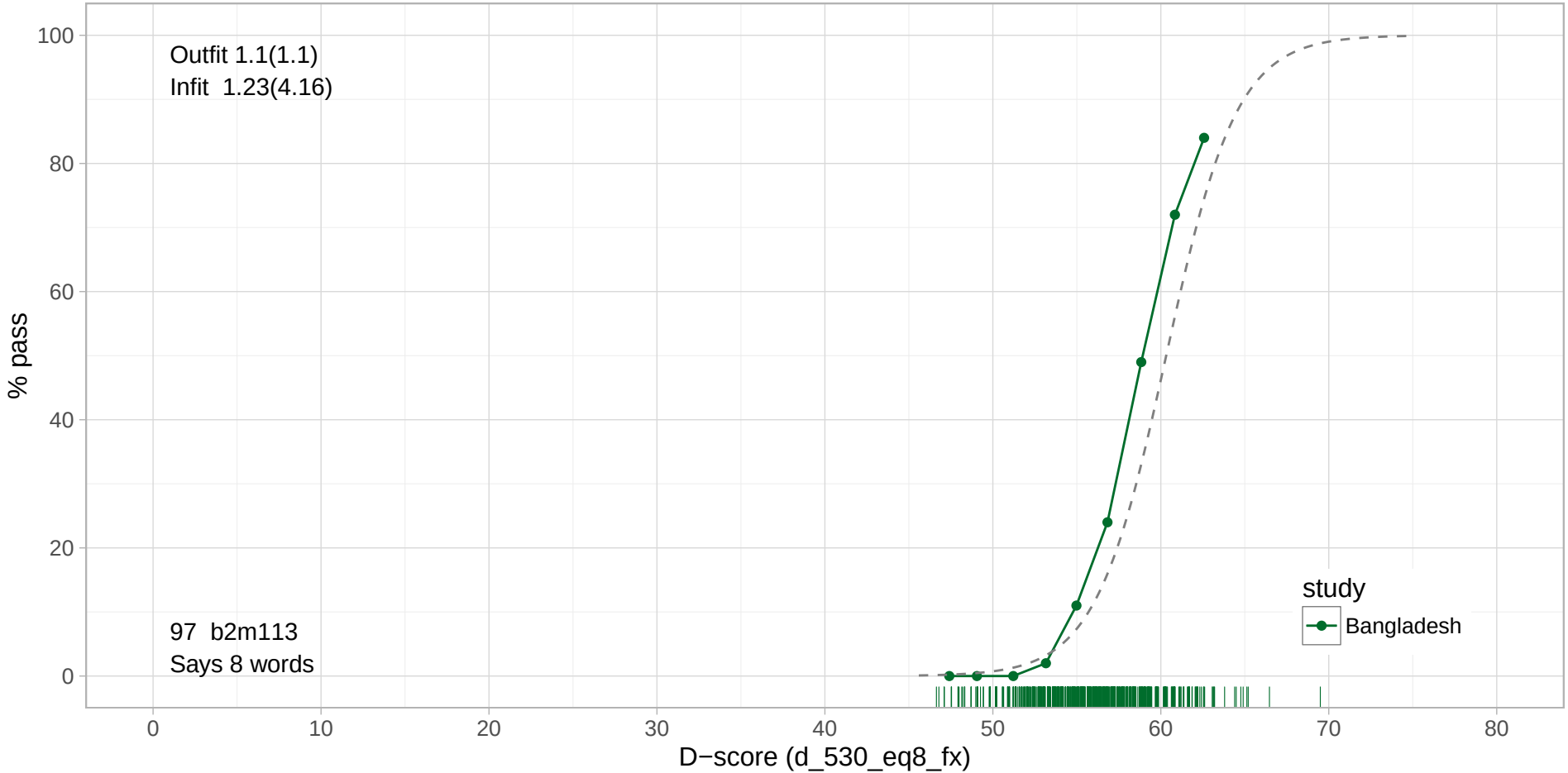

Outfit 0.99(−0.13)
Infit 0.98(−1.26)
92 b2m107
Follows direction doll
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

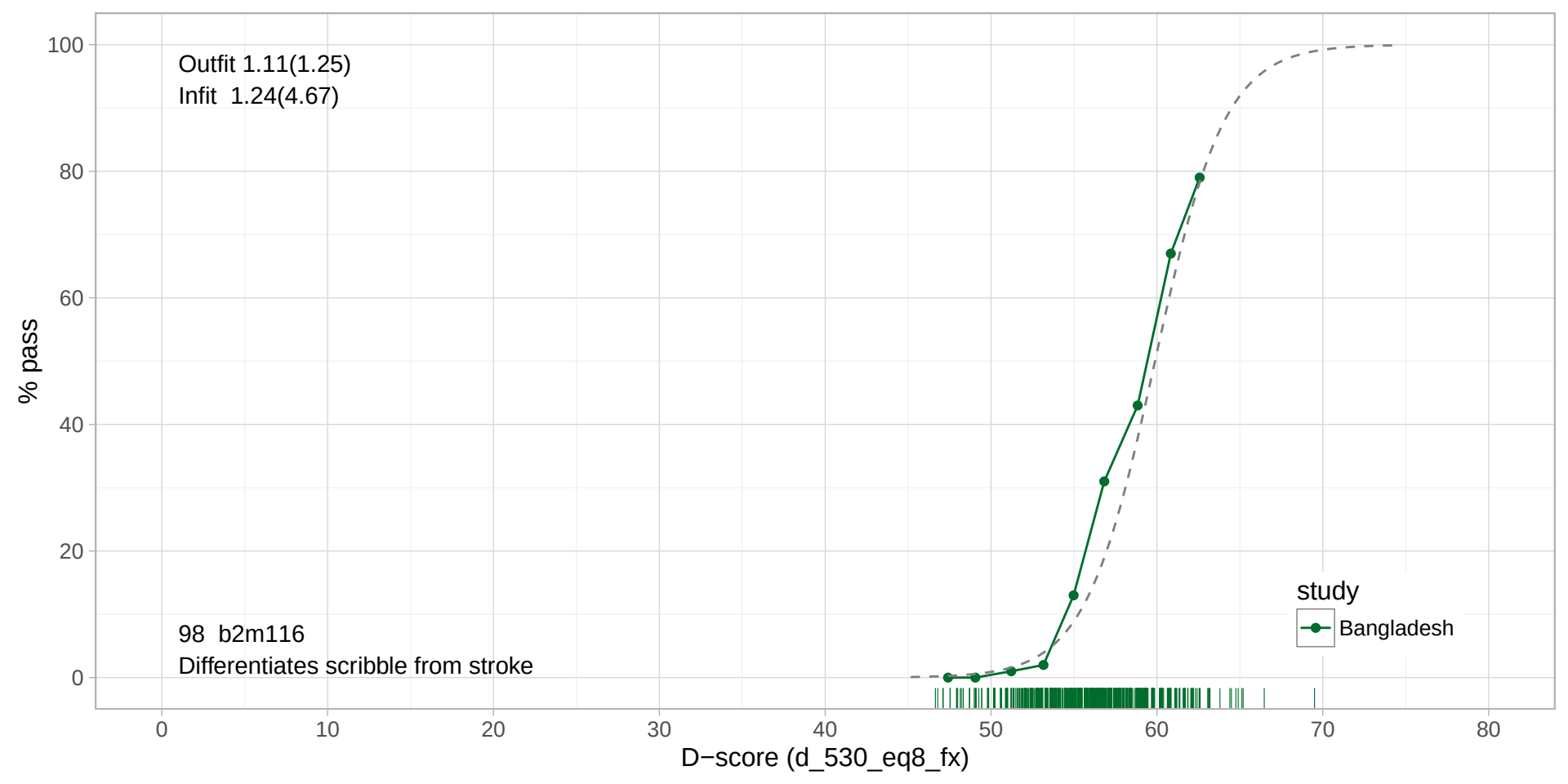

Outfit 1.15(2.34)
Infit 1.11(2.97)
93 b2m108
Points to 3 body parts
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

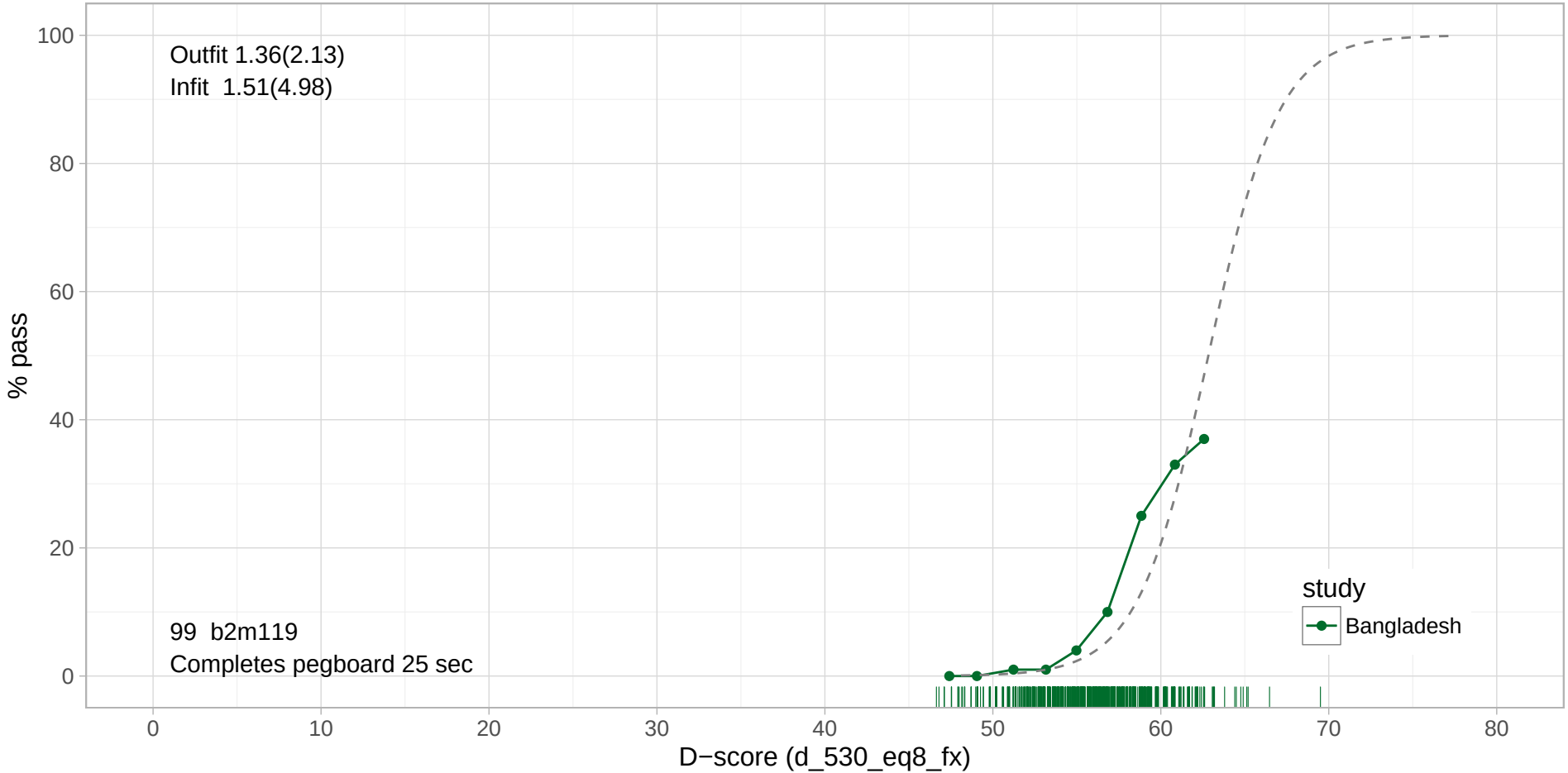

Outfit 1.19(1.68)
Infit 1.3(4.64)
94 b2m109
Names Picture Series: 1 Picture
% pass
D−score (d_530_eq8_fx)
study
Bangladesh
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

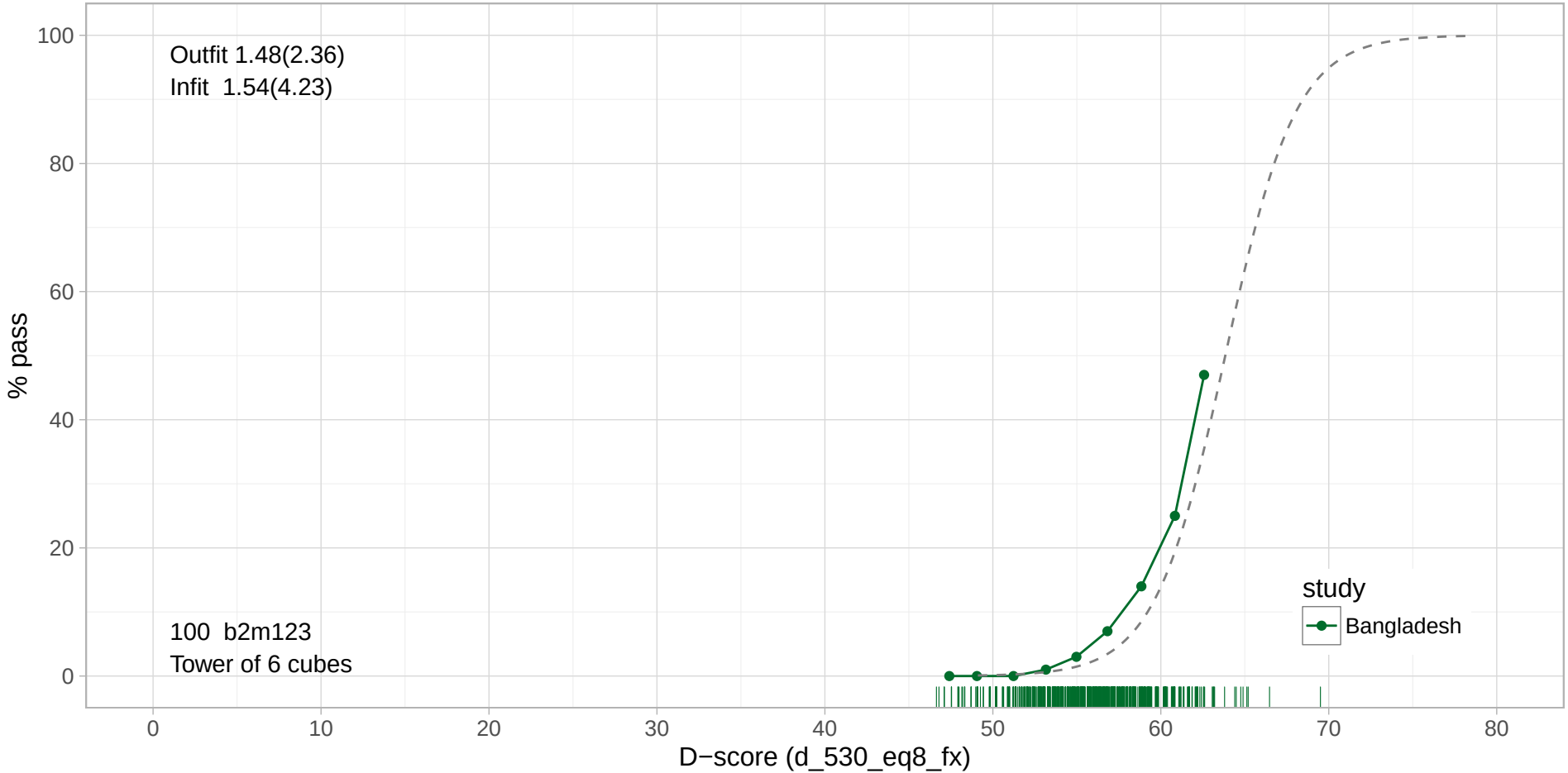

Outfit 0.94(−1.34)
Infit 0.96(−1.79)
95 b2m111
Combines word and gesture
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

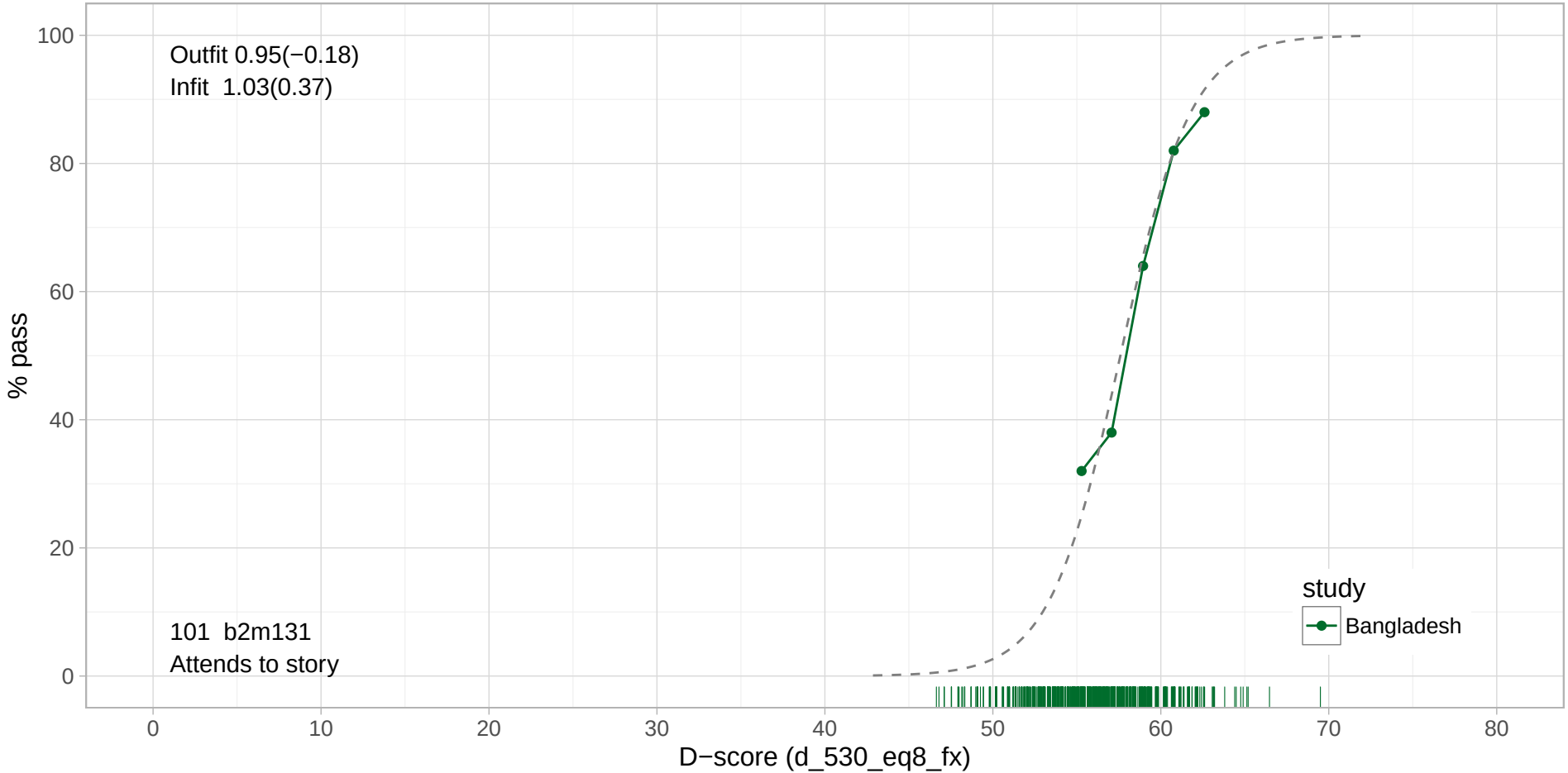

Outfit 1.41(2.05)
Infit 1.55(4.3)
96 b2m112
Places 4 pieces in 150 sec
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

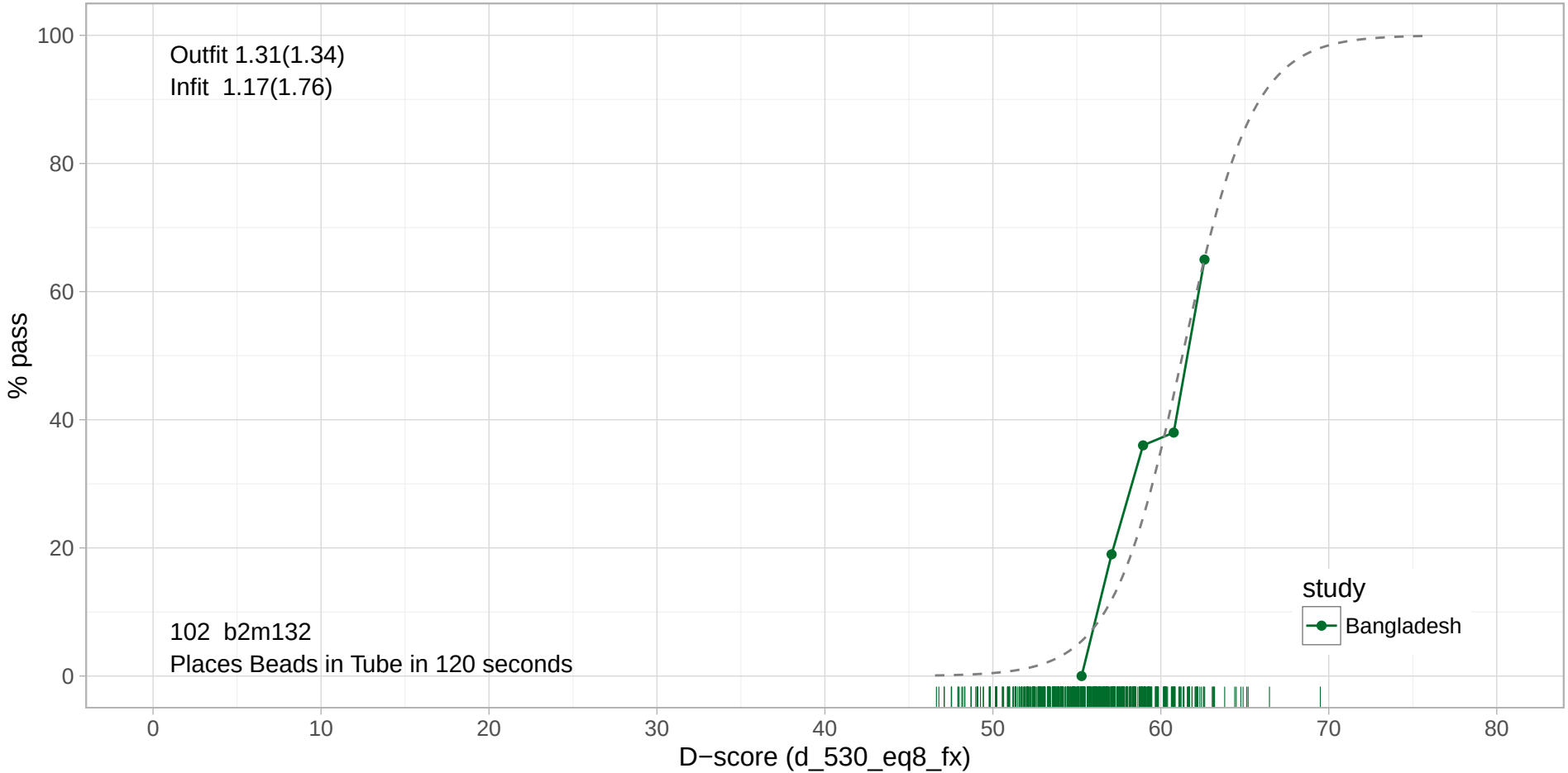

Outfit 1.1(1.1)
Infit 1.23(4.16)
97 b2m113
Says 8 words
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

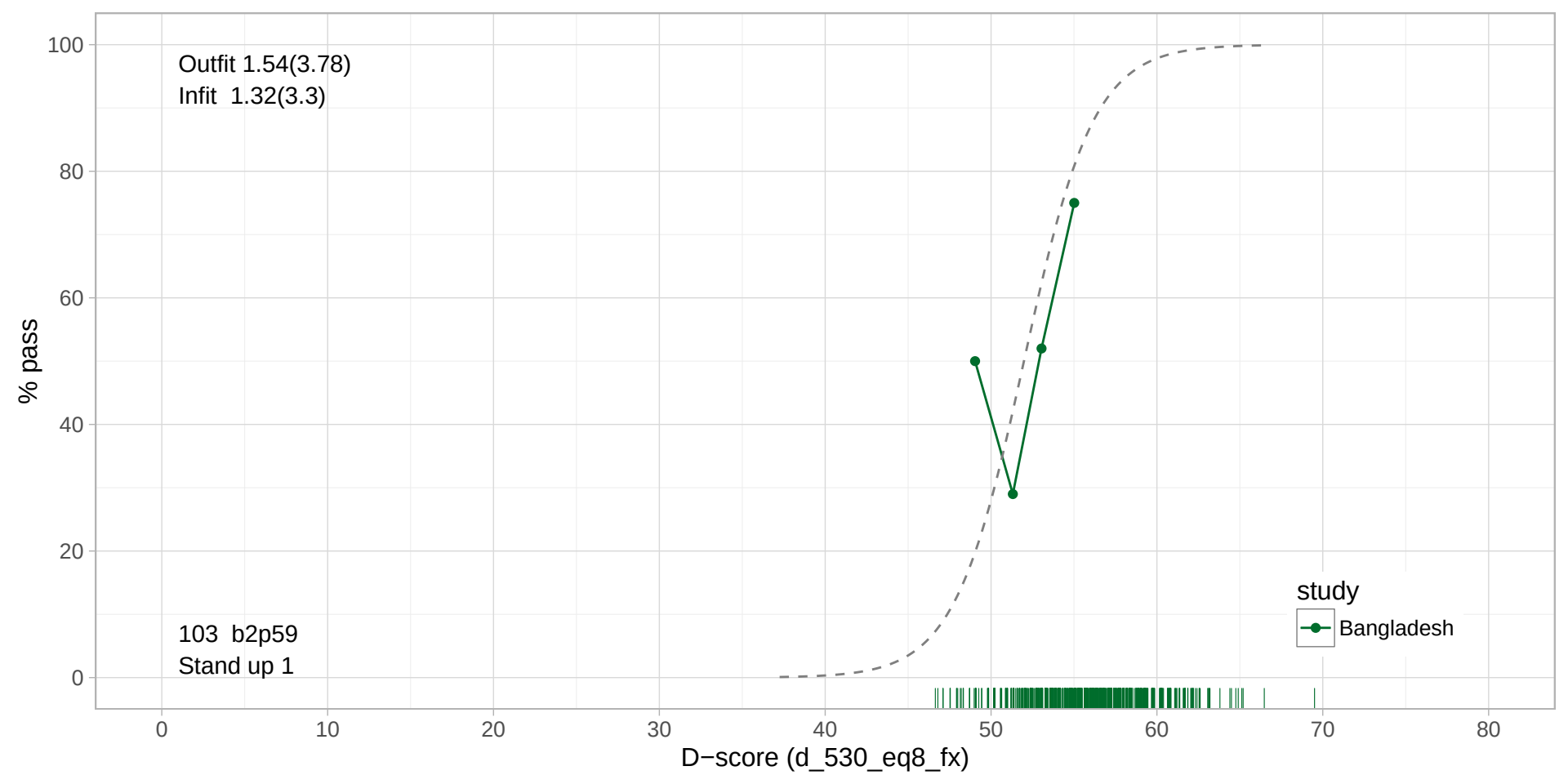

Outfit 1.11(1.25)
Infit 1.24(4.67)
98 b2m116
Differentiates scribble from stroke
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

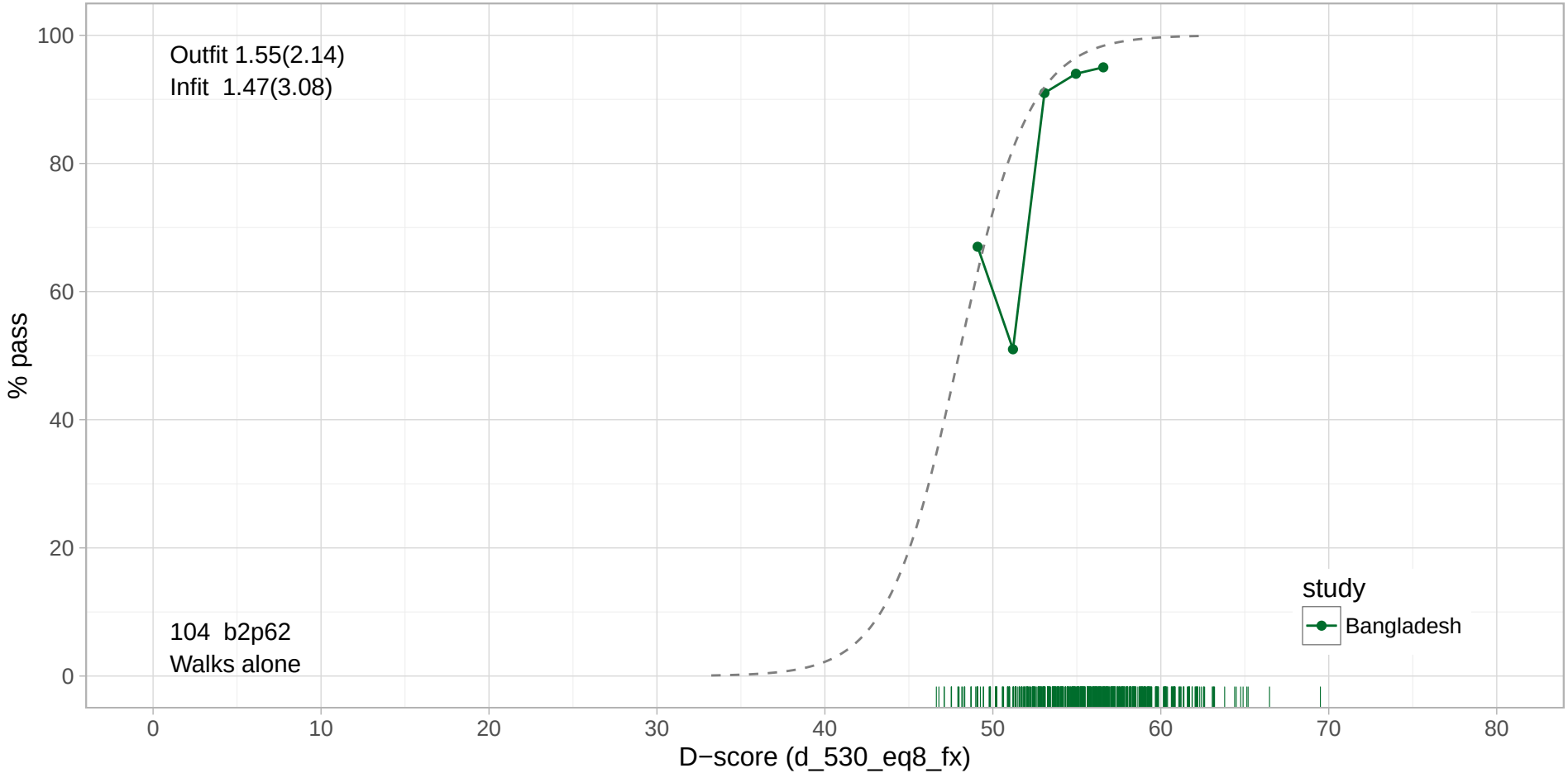

Outfit 1.36(2.13)
Infit 1.51(4.98)
99 b2m119
Completes pegboard 25 sec
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

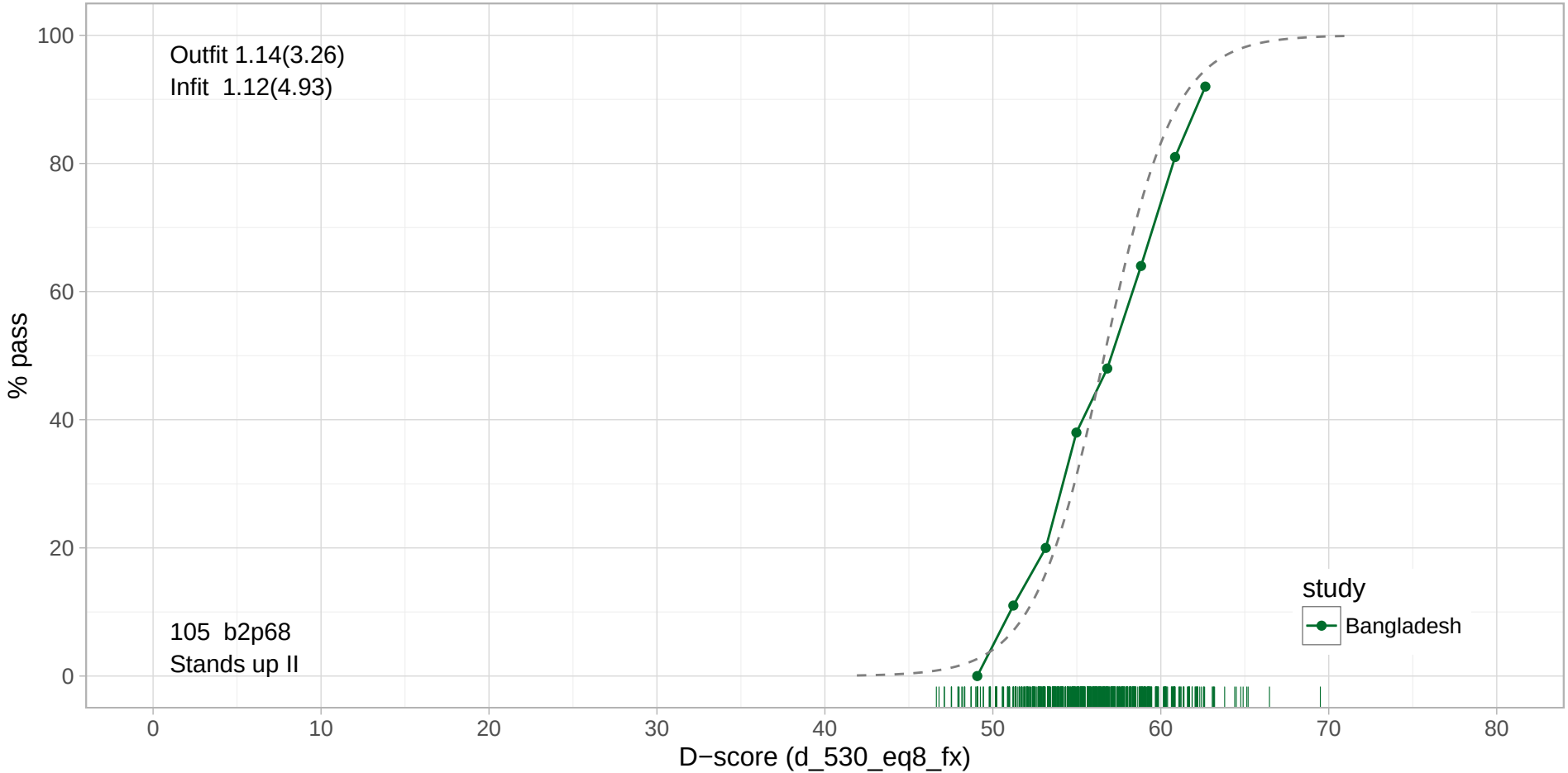

Outfit 1.48(2.36)
Infit 1.54(4.23)
100 b2m123
Tower of 6 cubes
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

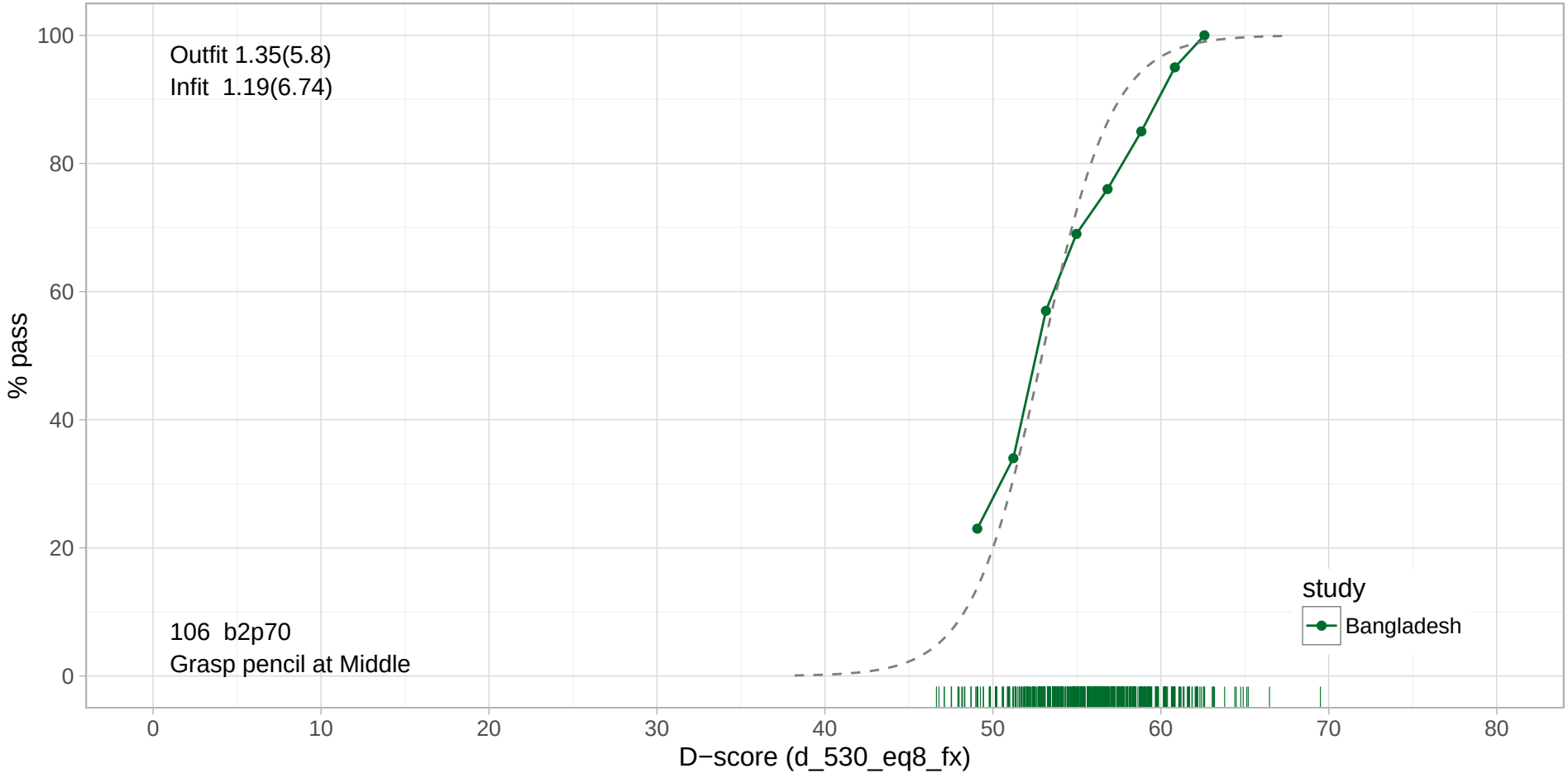

Outfit 0.95(−0.18)
Infit 1.03(0.37)
101 b2m131
Attends to story
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

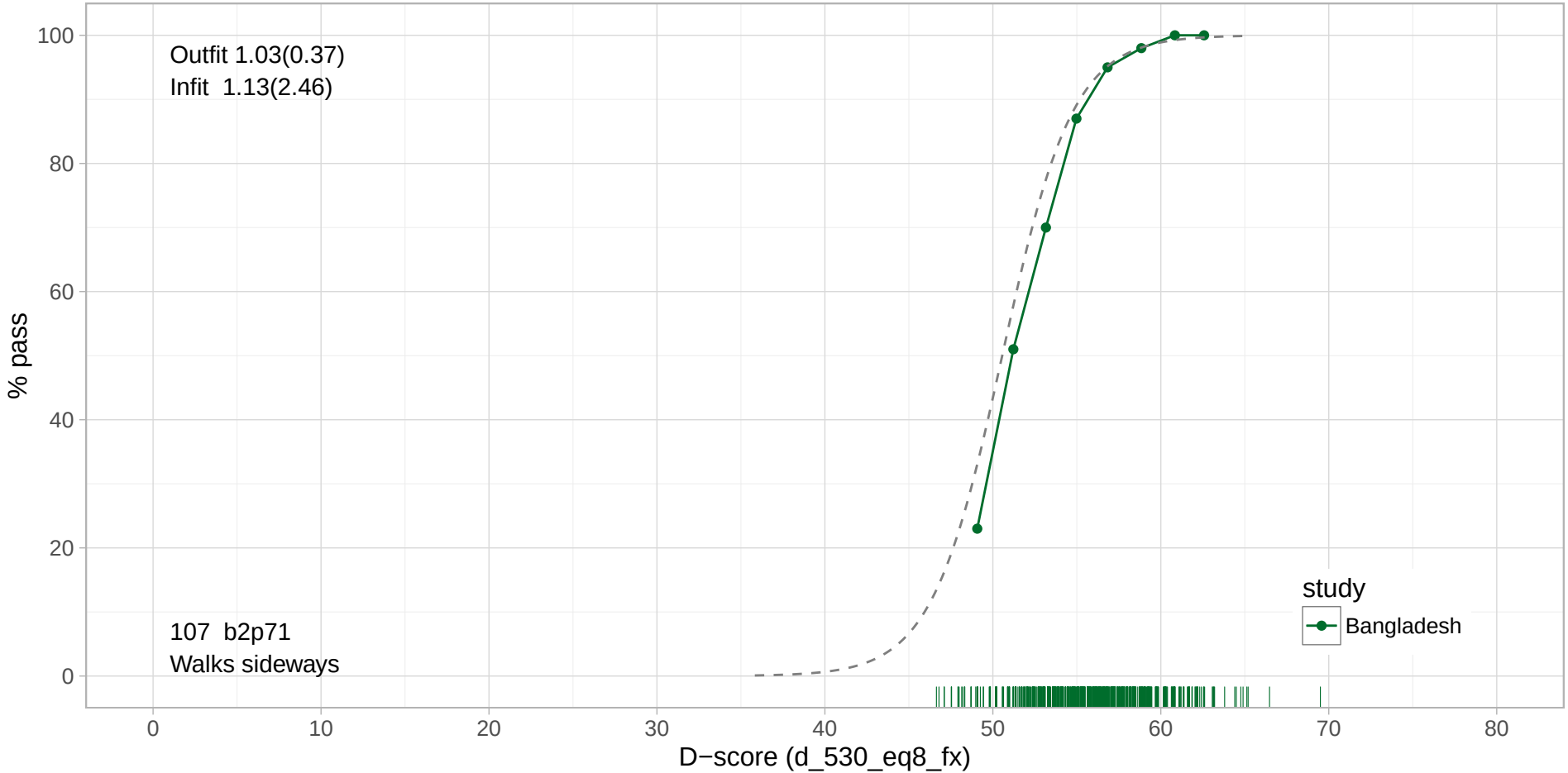

Outfit 1.31(1.34)
Infit 1.17(1.76)
102 b2m132
Places Beads in Tube in 120 seconds
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

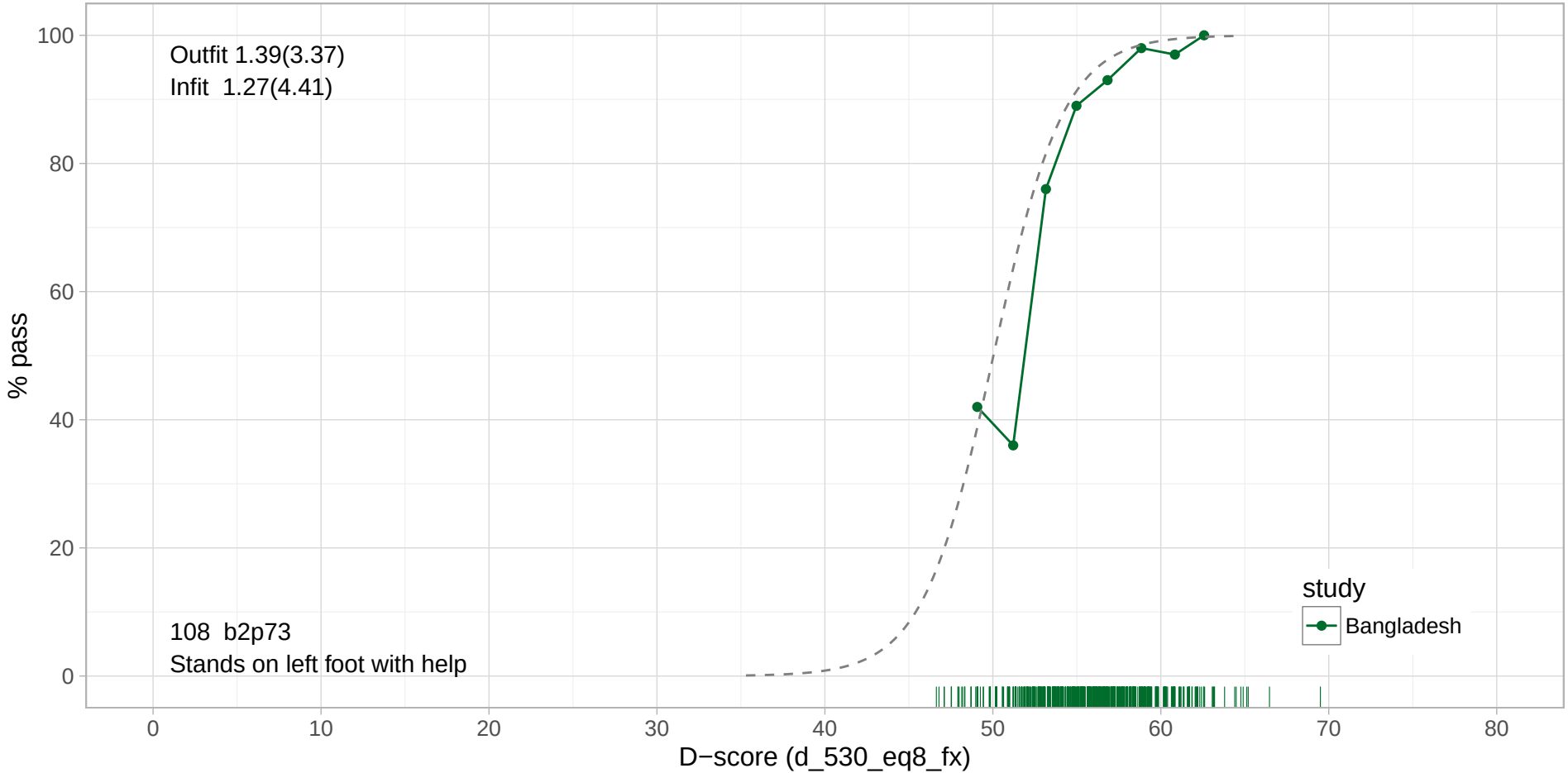

Outfit 1.54(3.78)
Infit 1.32(3.3)
103 b2p59
Stand up 1
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

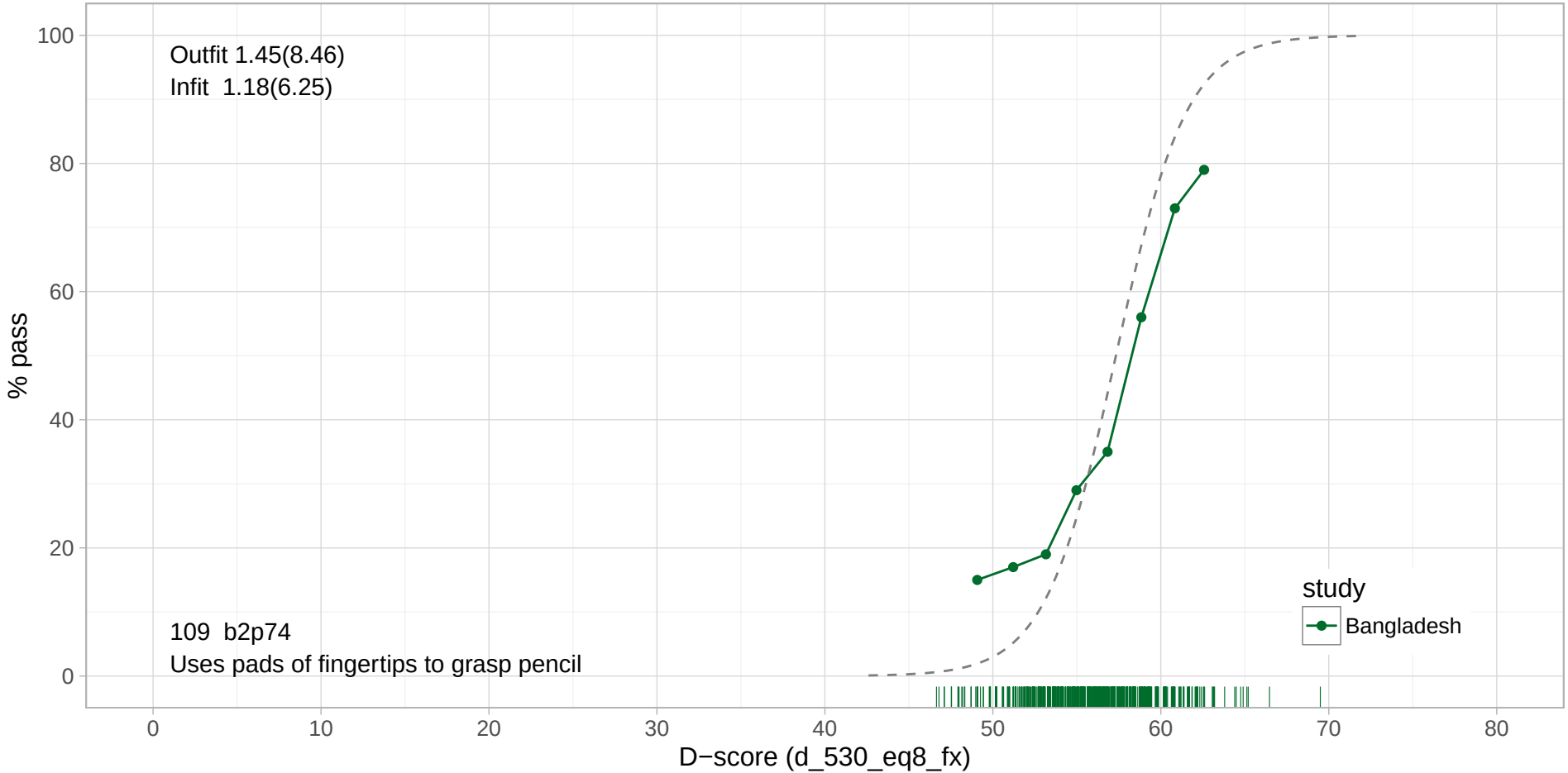

Outfit 1.55(2.14)
Infit 1.47(3.08)
104 b2p62
Walks alone
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

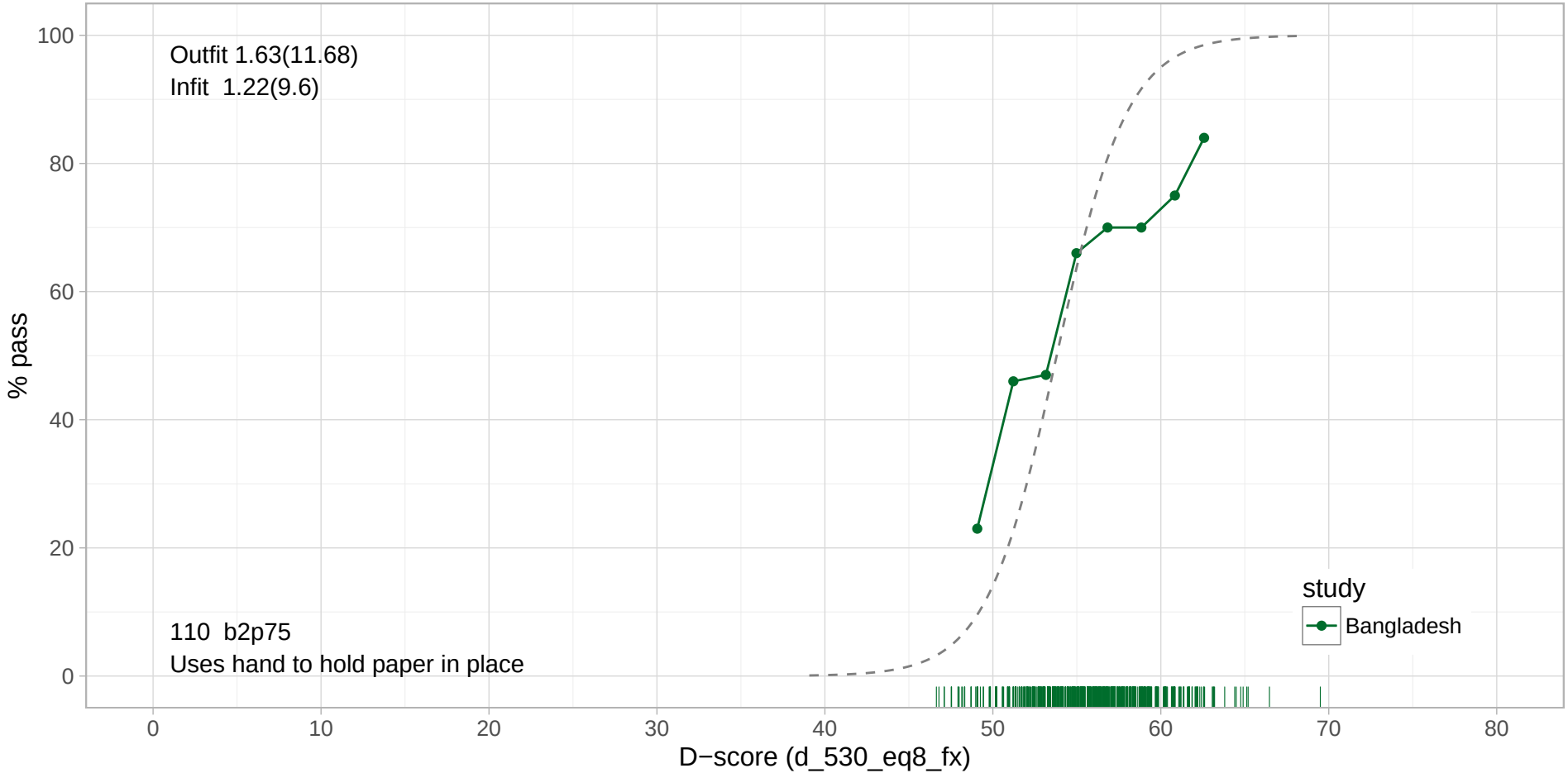

Outfit 1.14(3.26)
Infit 1.12(4.93)
105 b2p68
Stands up II
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

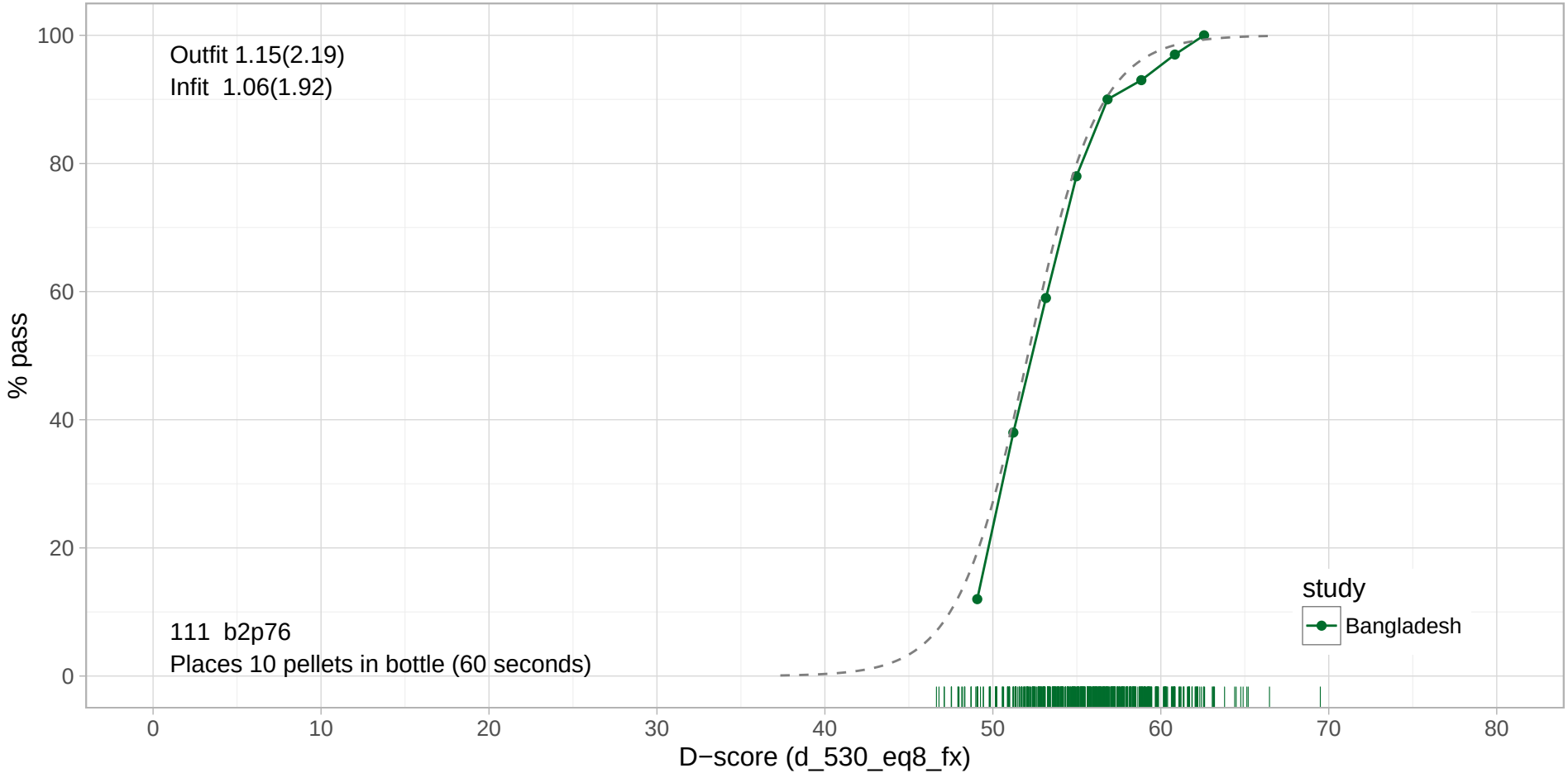

Outfit 1.35(5.8)
Infit 1.19(6.74)
106 b2p70
Grasp pencil at Middle
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

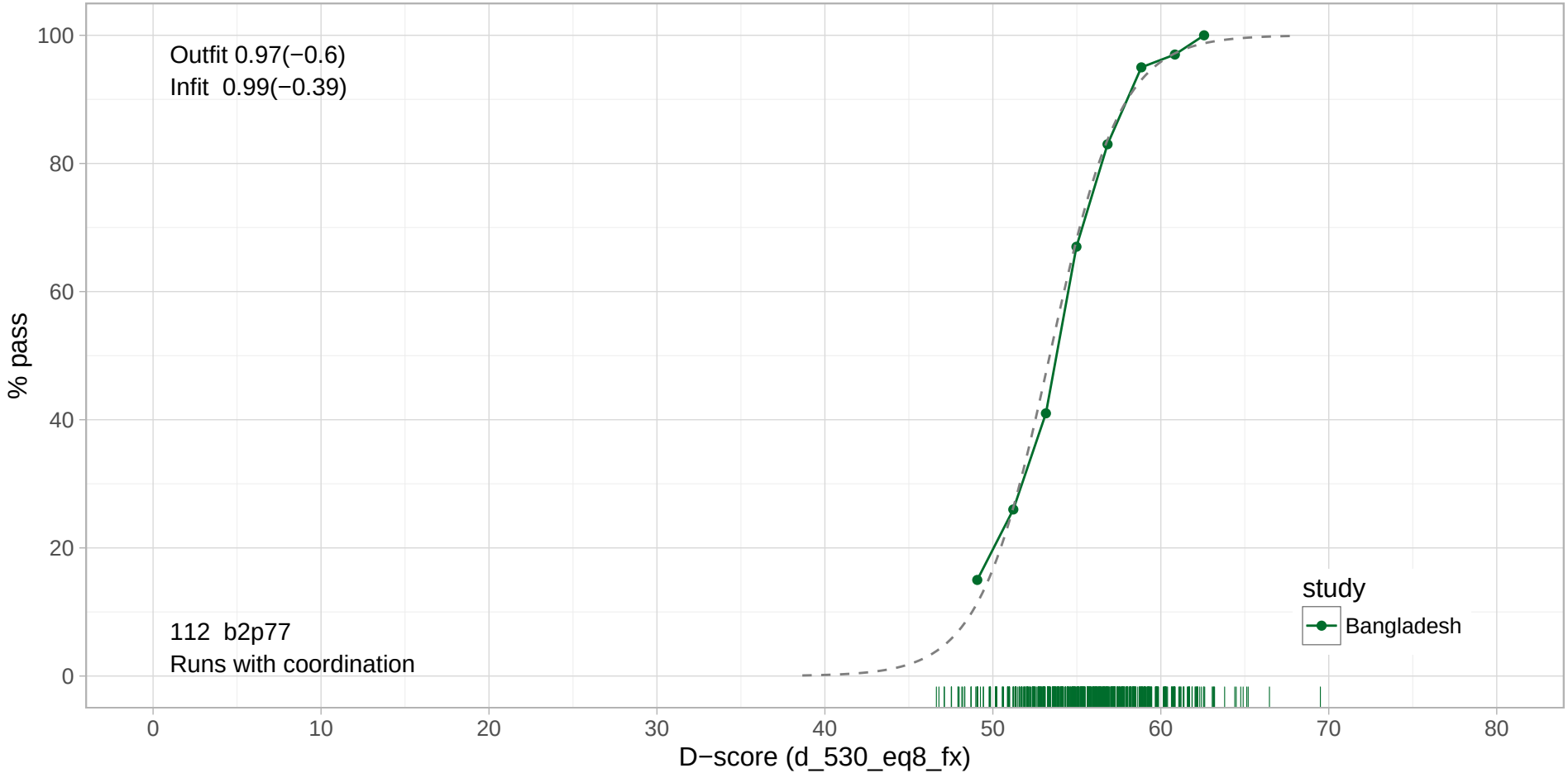

Outfit 1.03(0.37)
Infit 1.13(2.46)
107 b2p71
Walks sideways
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

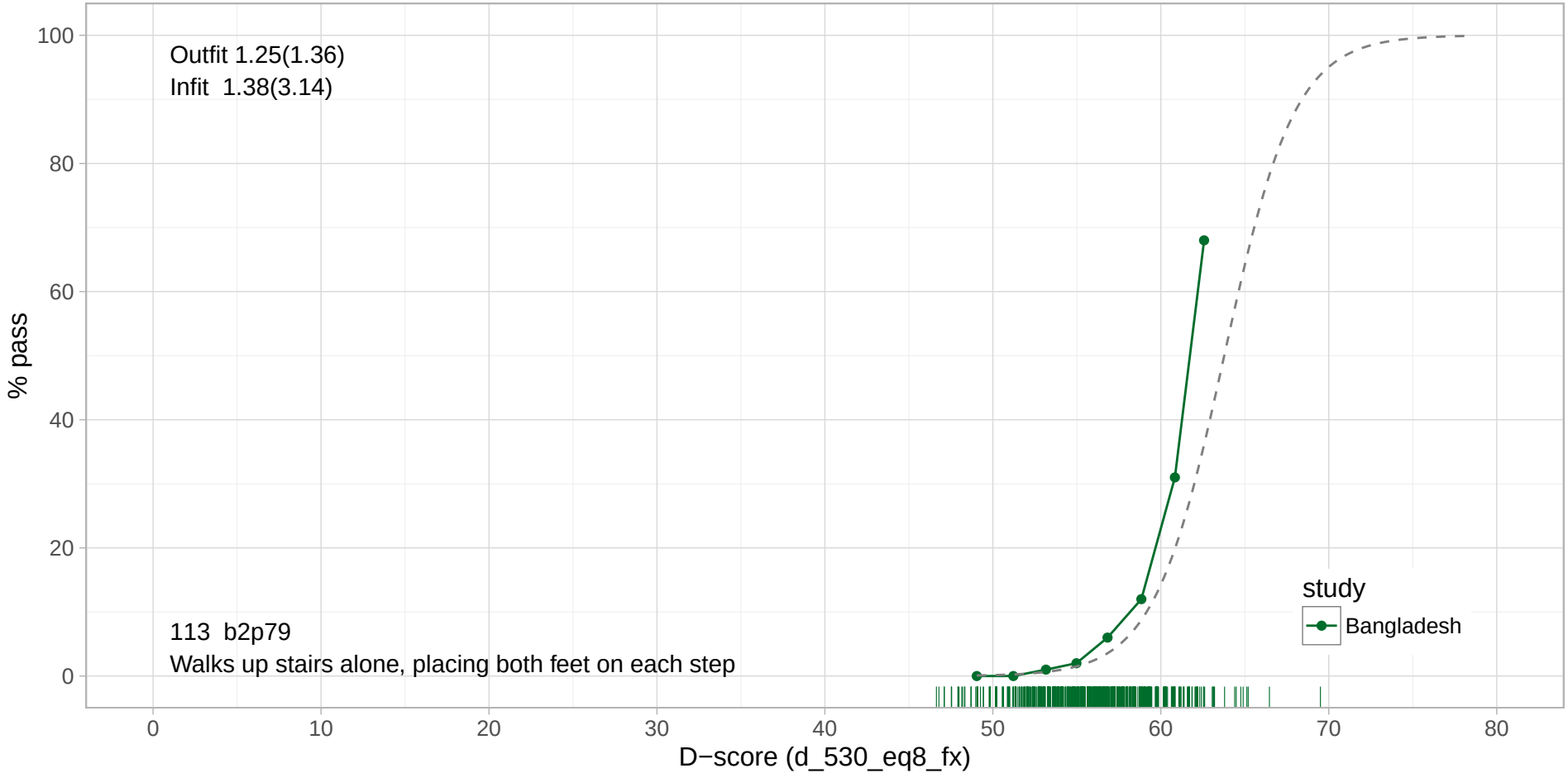

Outfit 1.39(3.37)
Infit 1.27(4.41)
108 b2p73
Stands on left foot with help
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

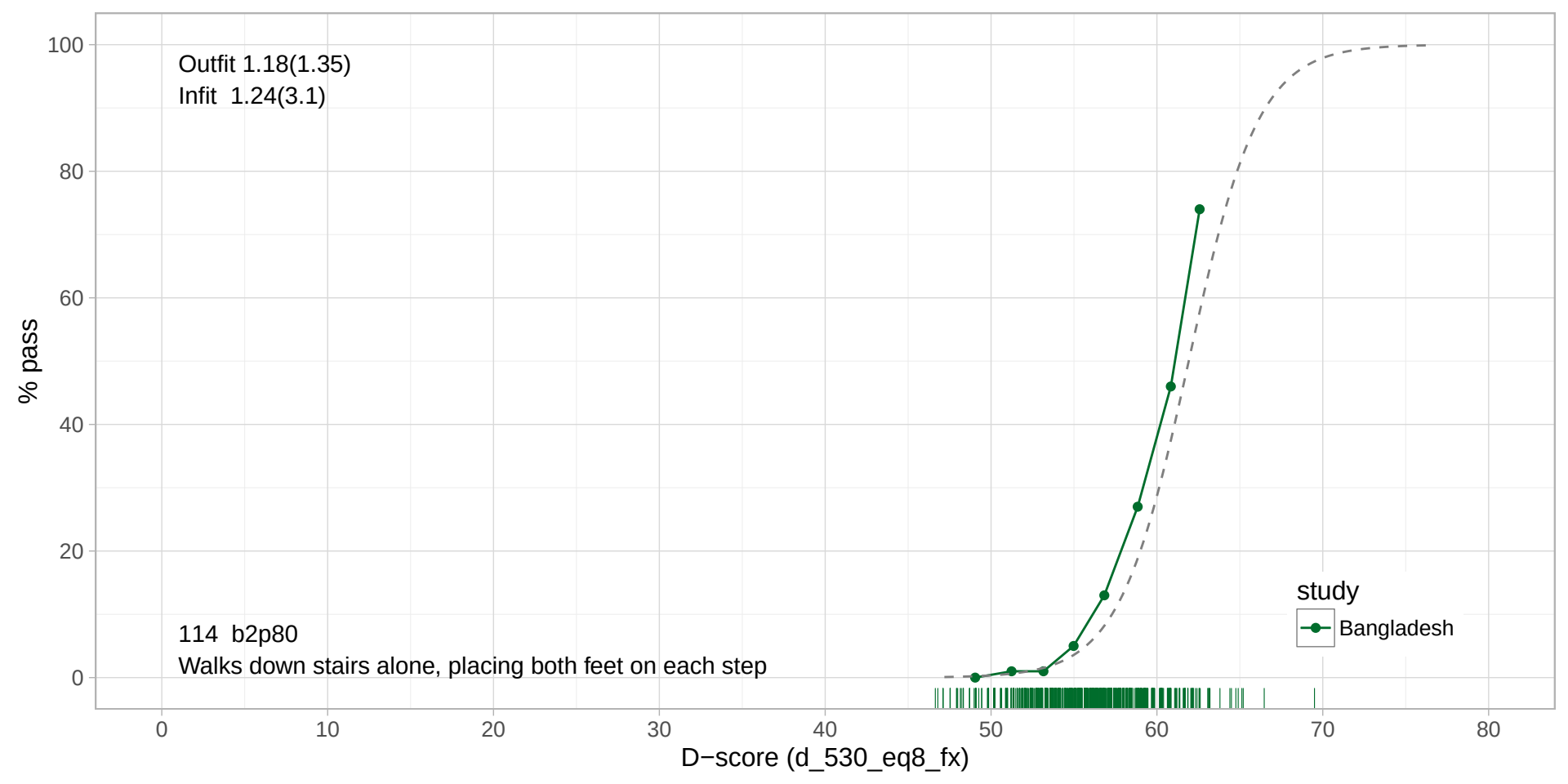

Outfit 1.45(8.46)
Infit 1.18(6.25)
109 b2p74
Uses pads of fingertips to grasp pencil
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

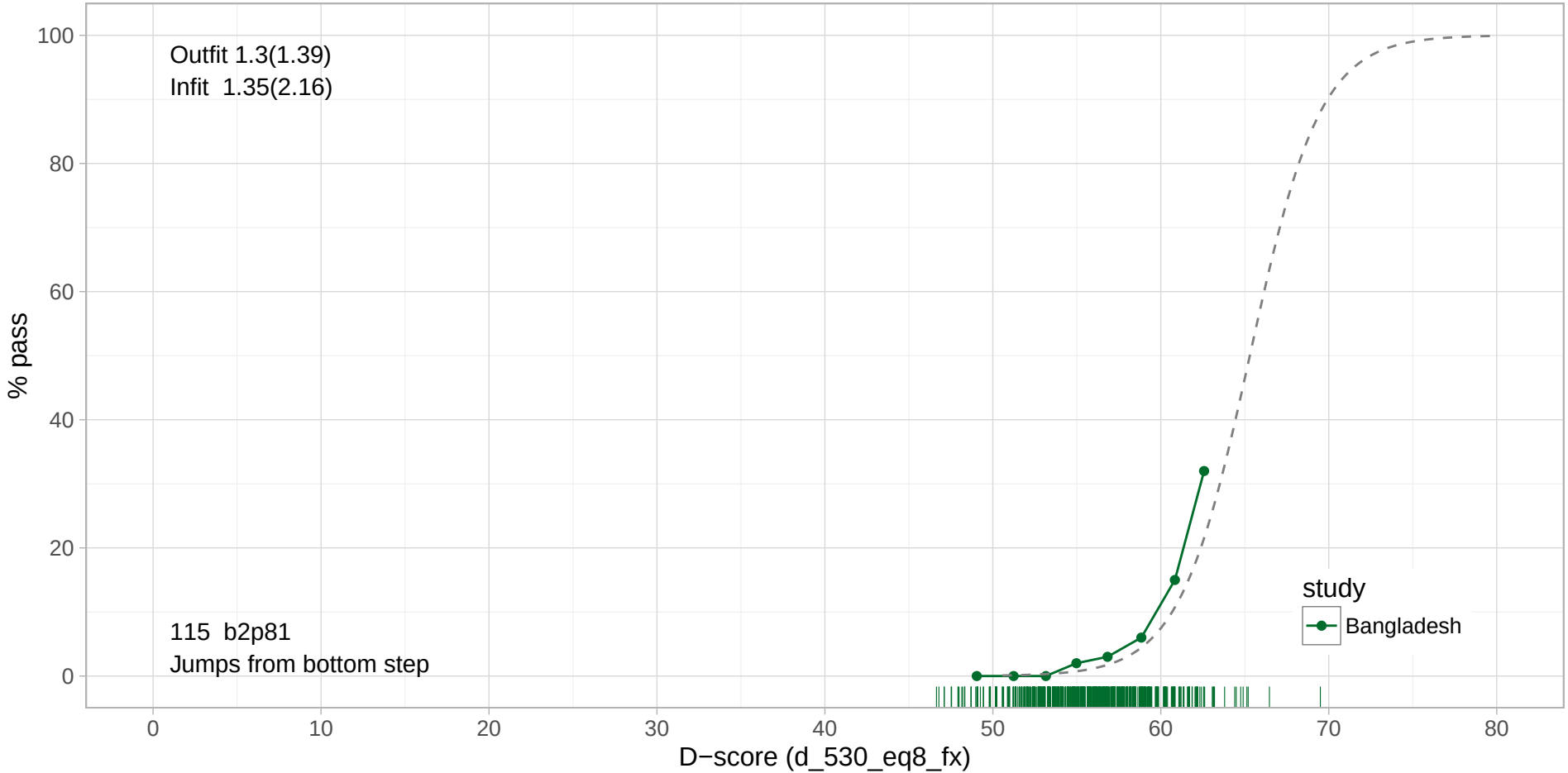

Outfit 1.63(11.68)
Infit 1.22(9.6)
110 b2p75
Uses hand to hold paper in place
% pass
D−score (d_530_eq8_fx)
study
Bangladesh
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

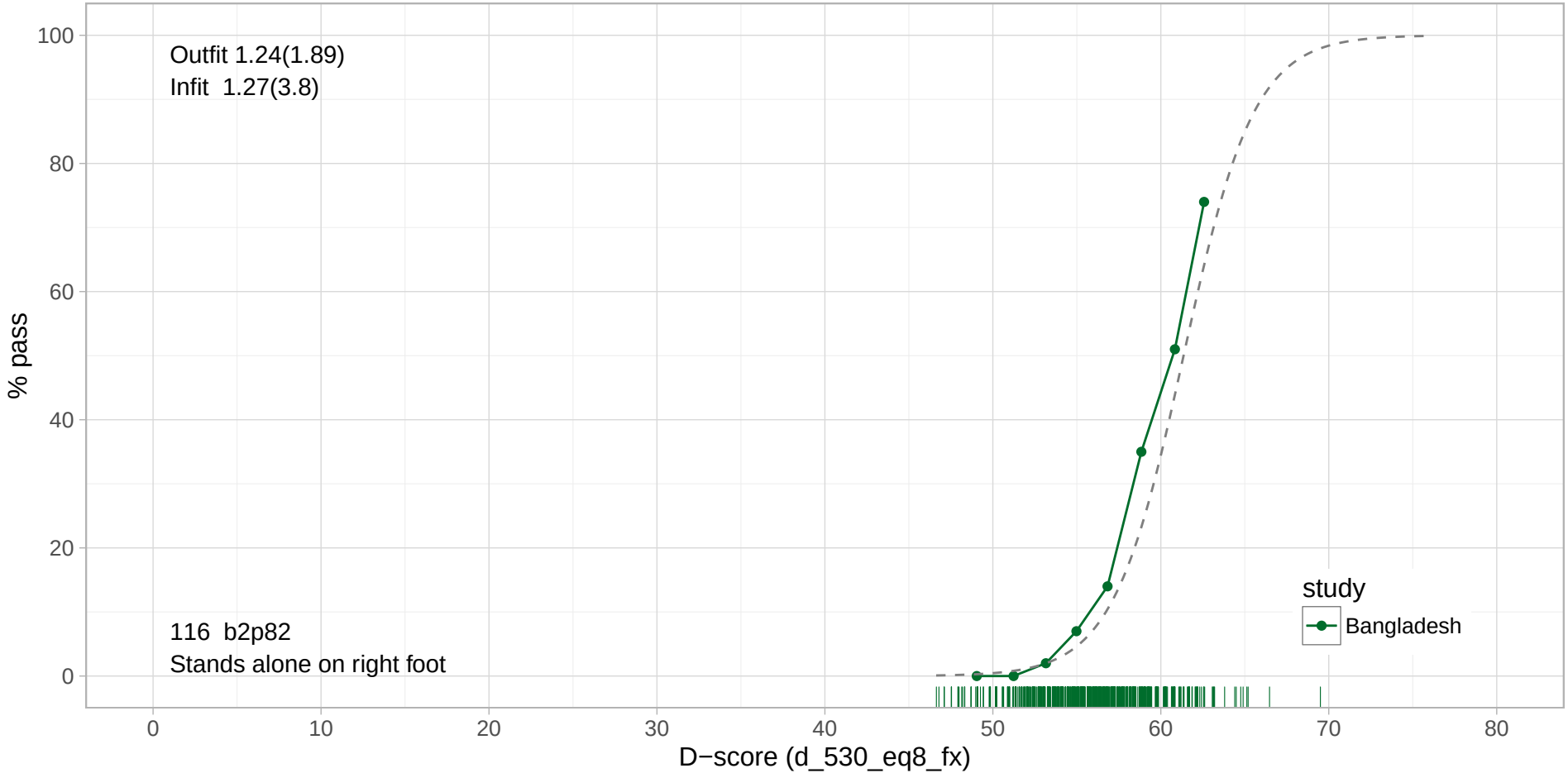

Outfit 1.15(2.19)
Infit 1.06(1.92)
111 b2p76
Places 10 pellets in bottle (60 seconds)
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

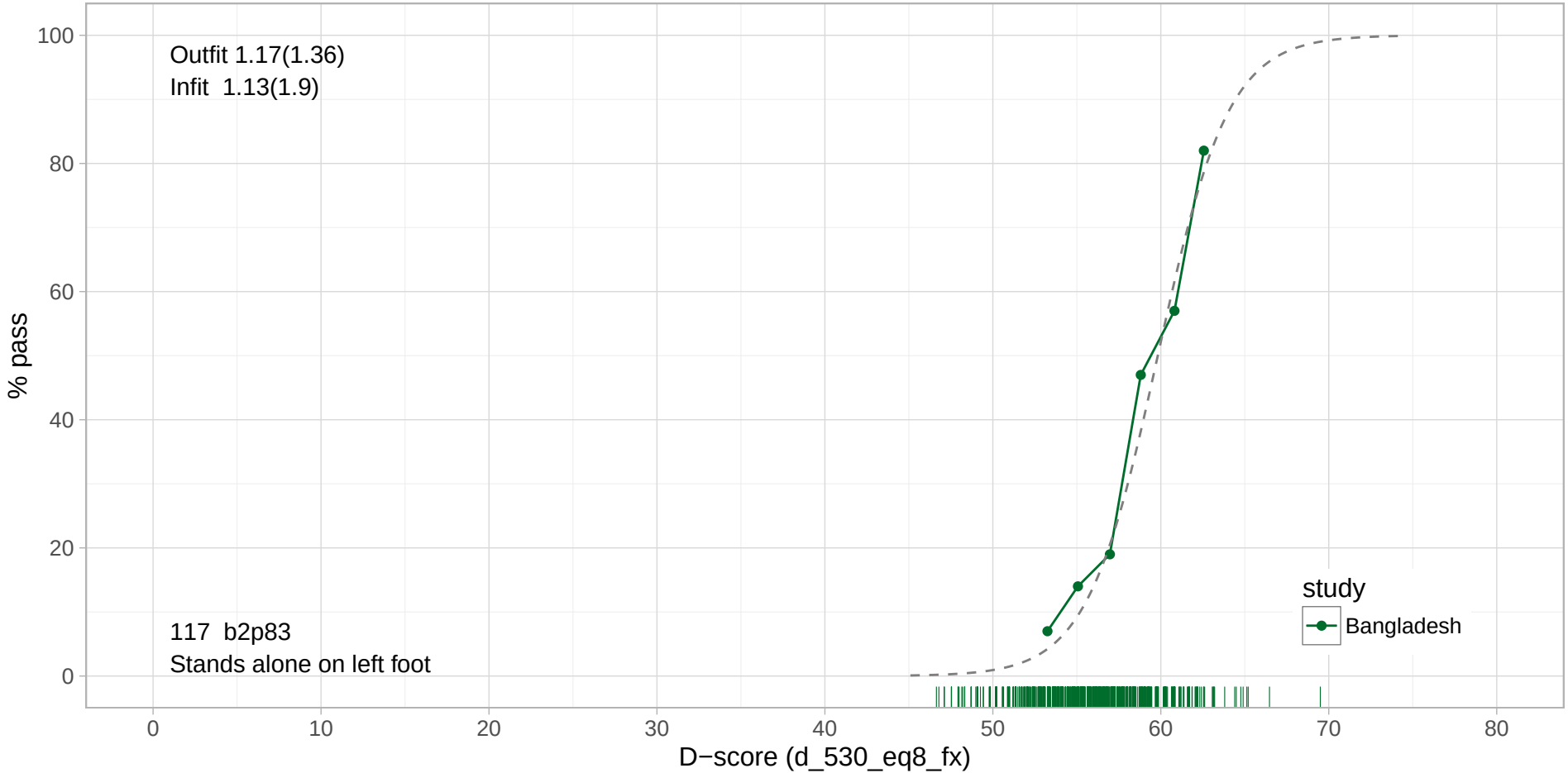

Outfit 0.97(−0.6)
Infit 0.99(−0.39)
112 b2p77
Runs with coordination
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

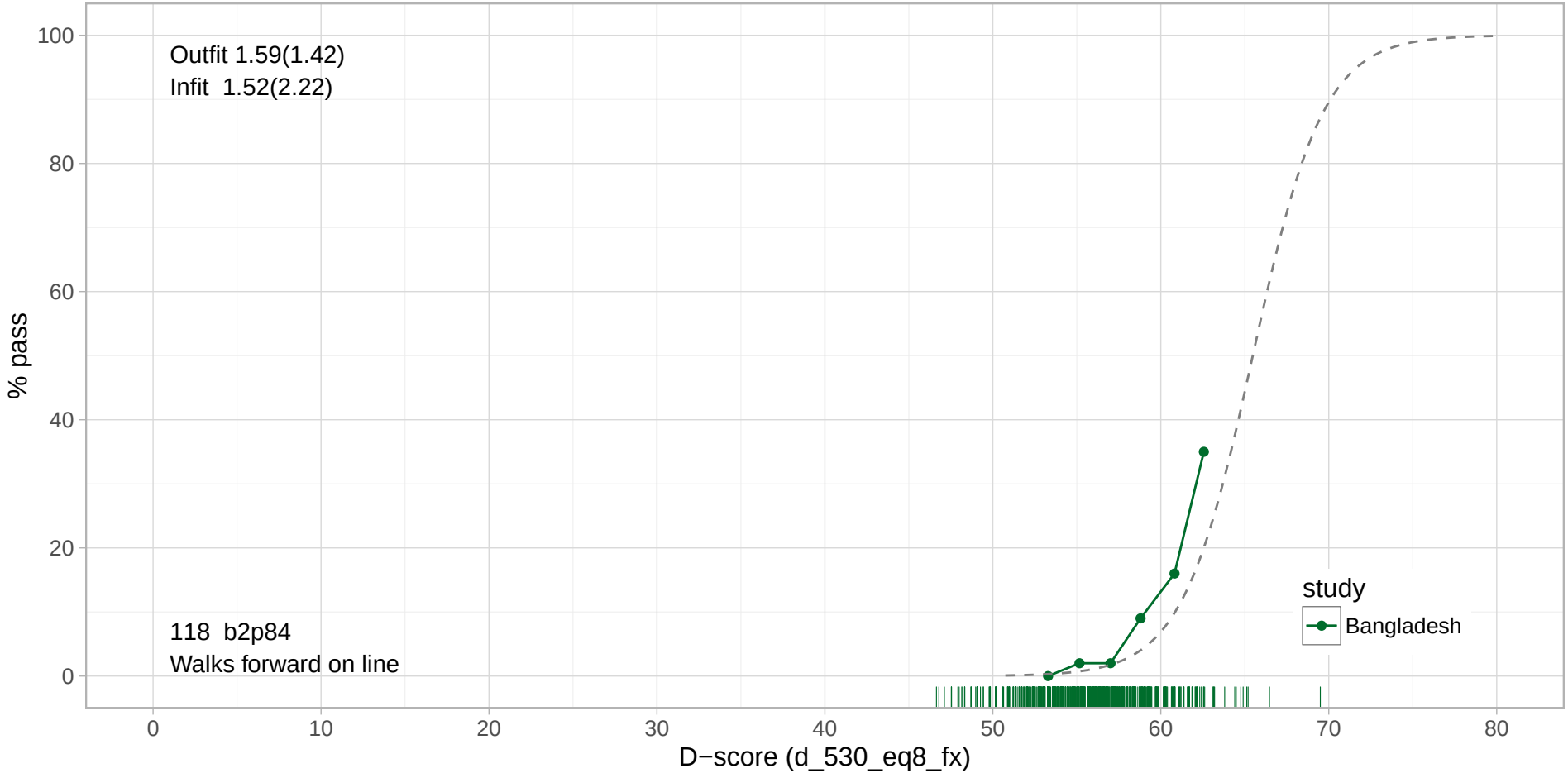

Outfit 1.25(1.36)
Infit 1.38(3.14)
113 b2p79
Walks up stairs alone, placing both feet on each step
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

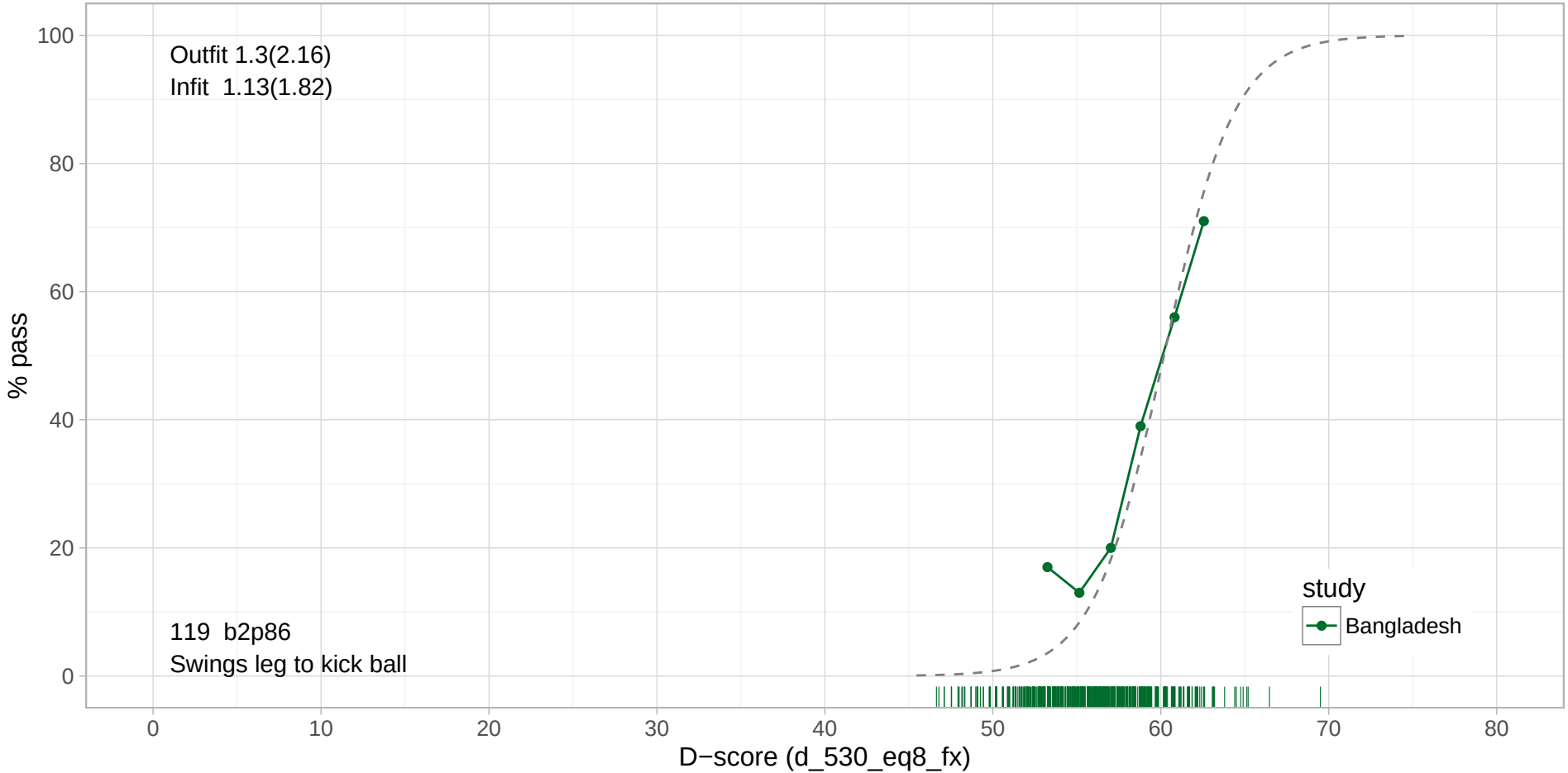

Outfit 1.18(1.35)
Infit 1.24(3.1)
114 b2p80
Walks down stairs alone, placing both feet on each step
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

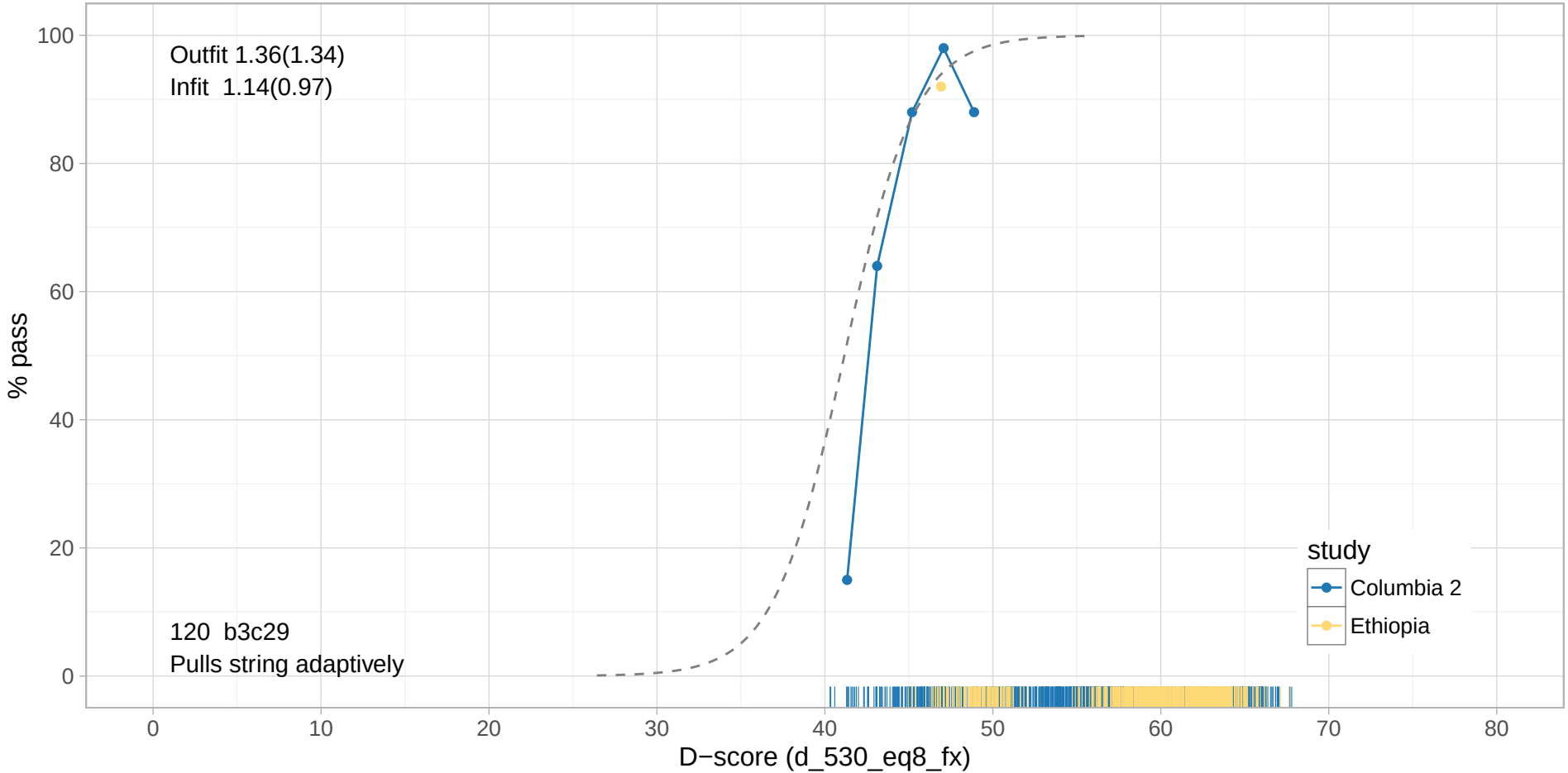

Outfit 1.3(1.39)
Infit 1.35(2.16)
115 b2p81
Jumps from bottom step
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

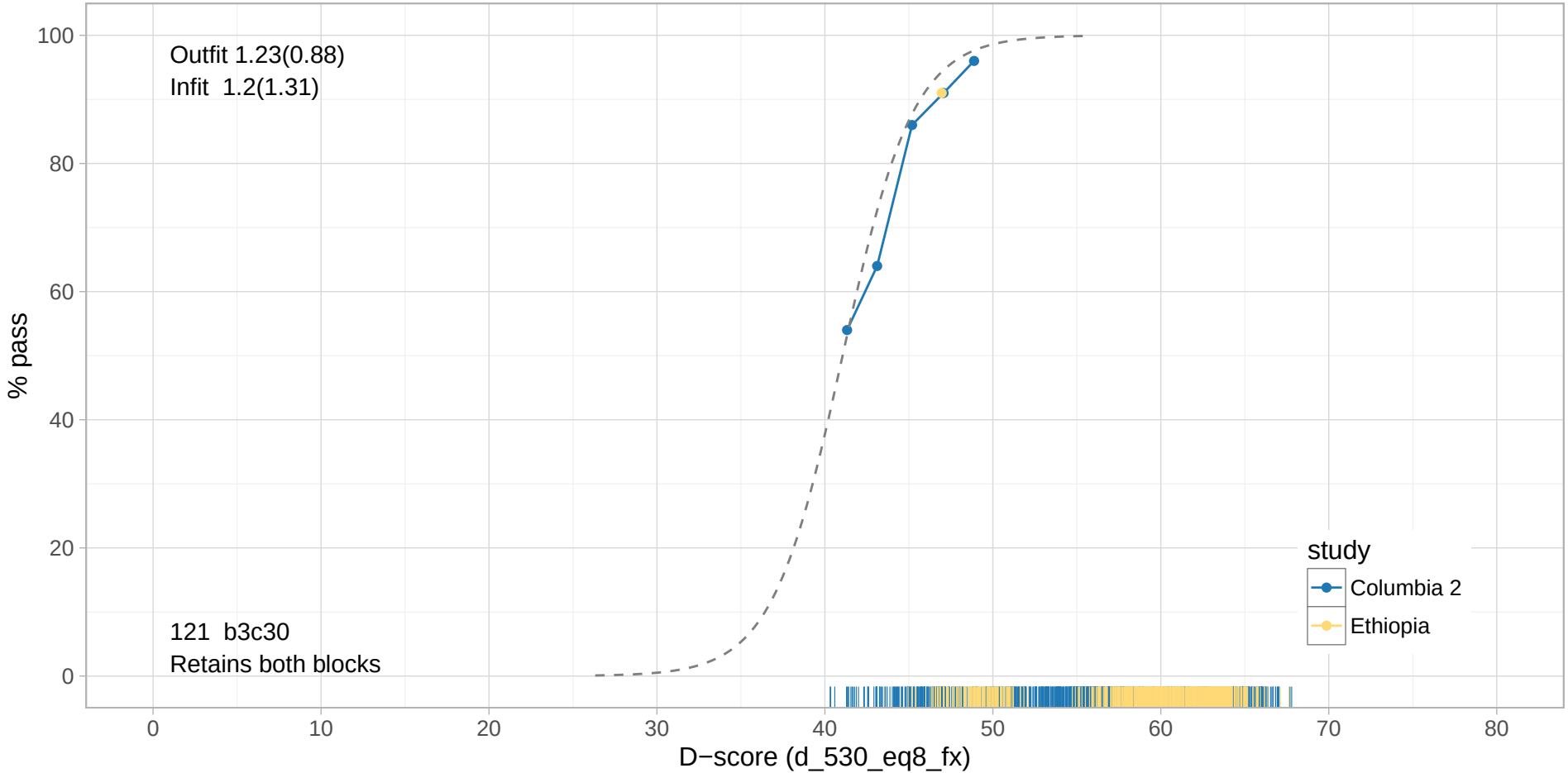

Outfit 1.24(1.89)
Infit 1.27(3.8)
116 b2p82
Stands alone on right foot
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

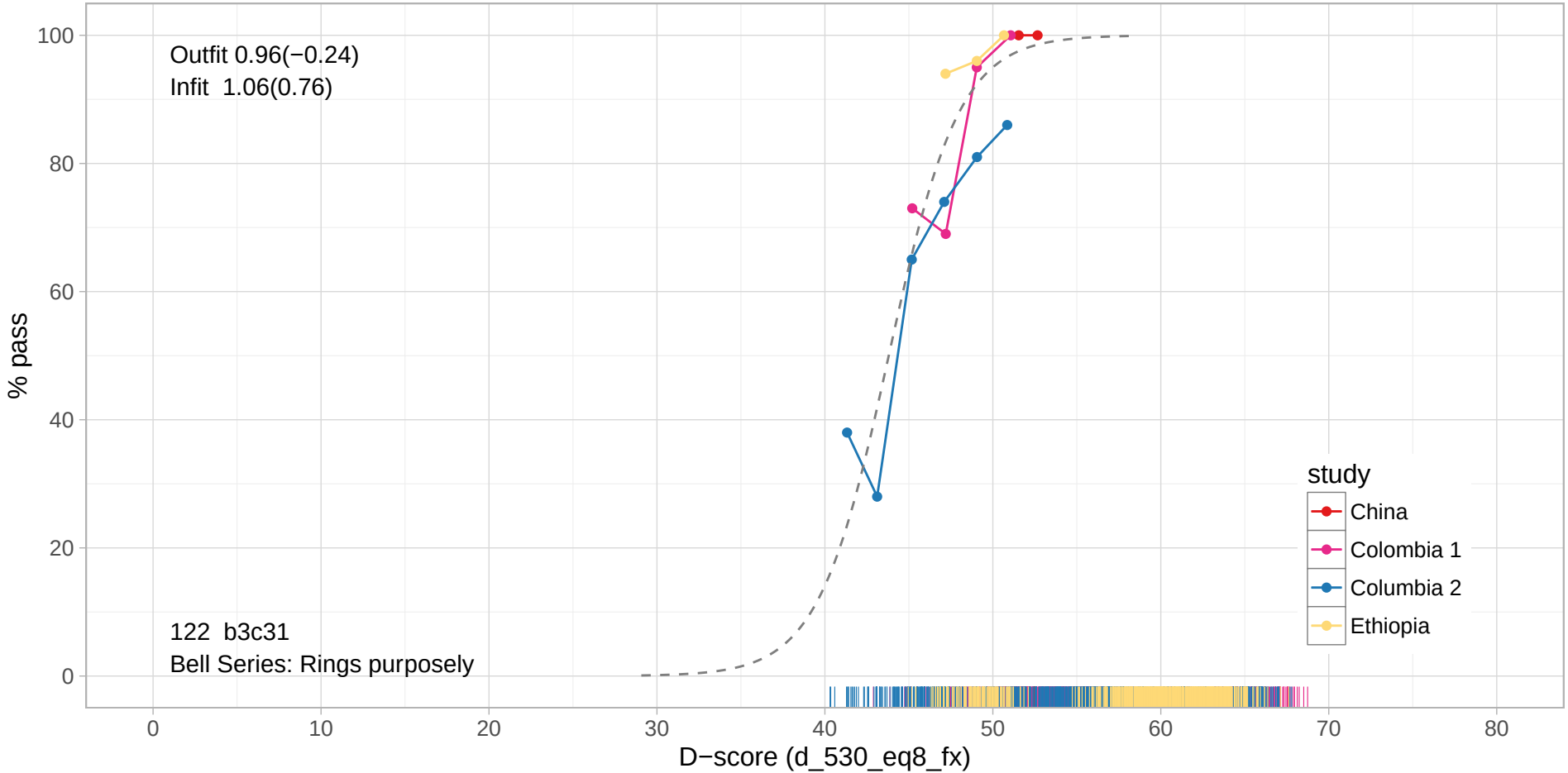

Outfit 1.17(1.36)
Infit 1.13(1.9)
117 b2p83
Stands alone on left foot
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

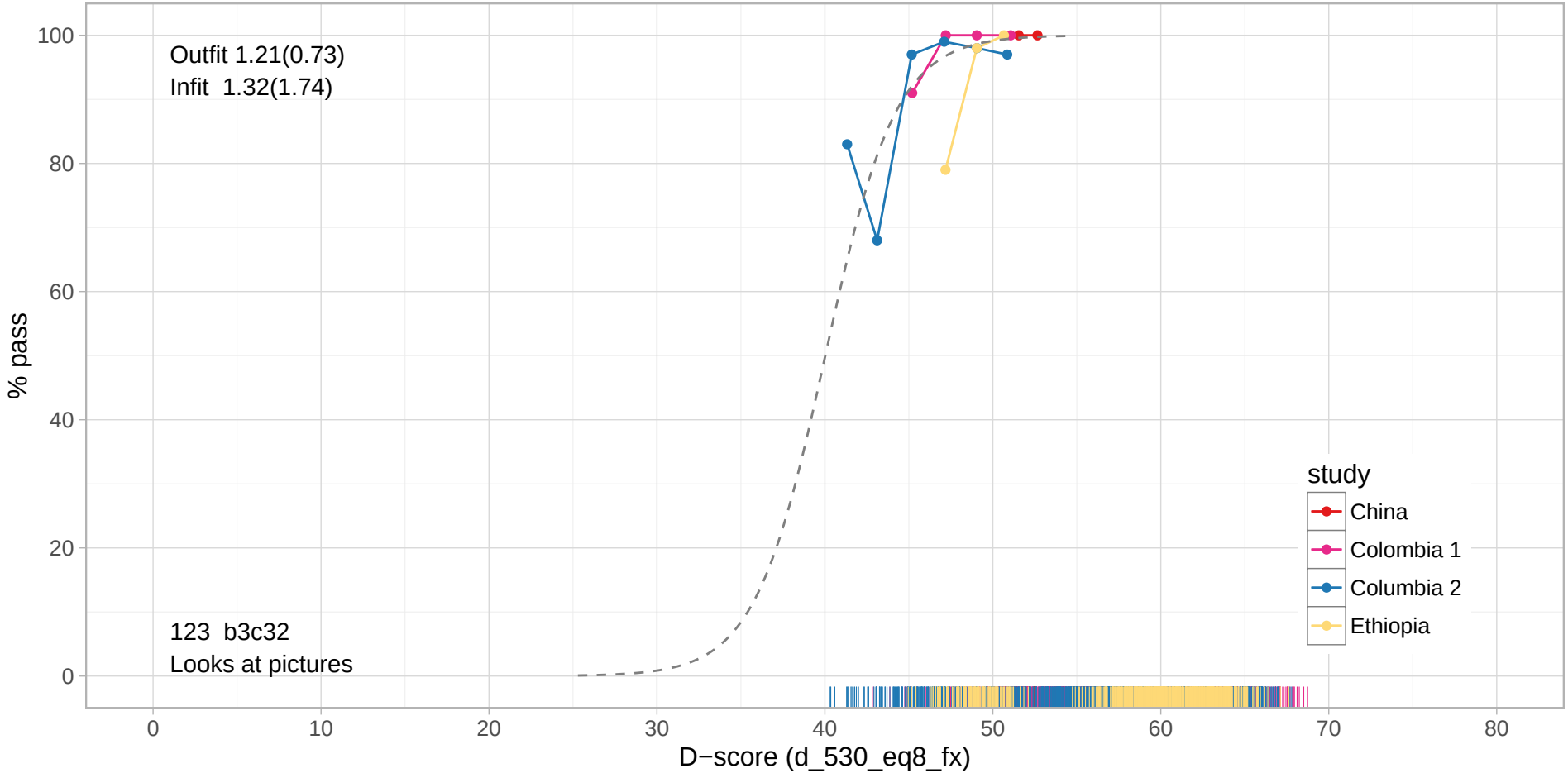

Outfit 1.59(1.42)
Infit 1.52(2.22)
118 b2p84
Walks forward on line
study
Bangladesh
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

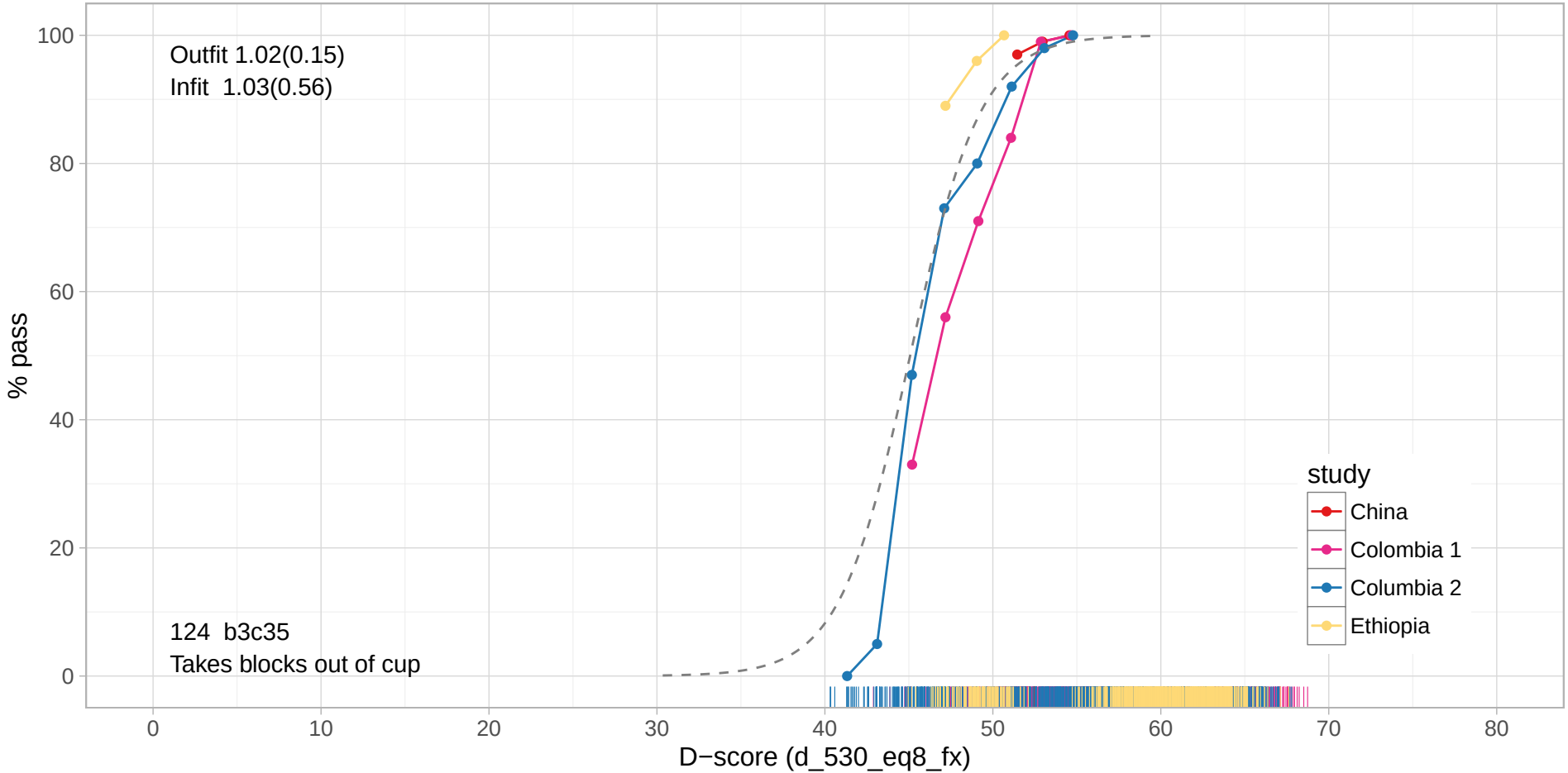

Outfit 1.3(2.16)
Infit 1.13(1.82)
119 b2p86
Swings leg to kick ball
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Bangladesh

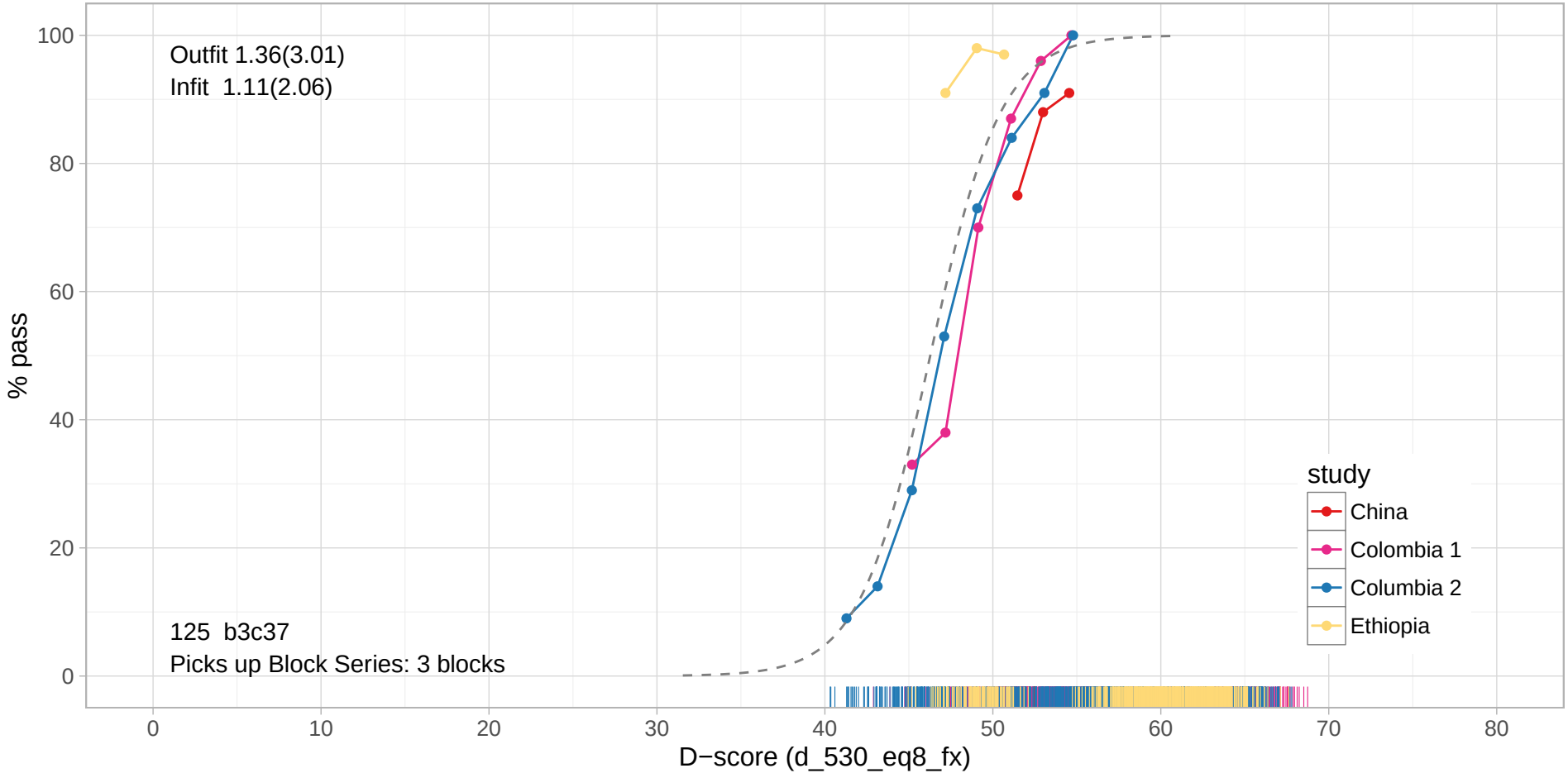

Outfit 1.36(1.34)
Infit 1.14(0.97)
120 b3c29
Pulls string adaptively
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2
Ethiopia

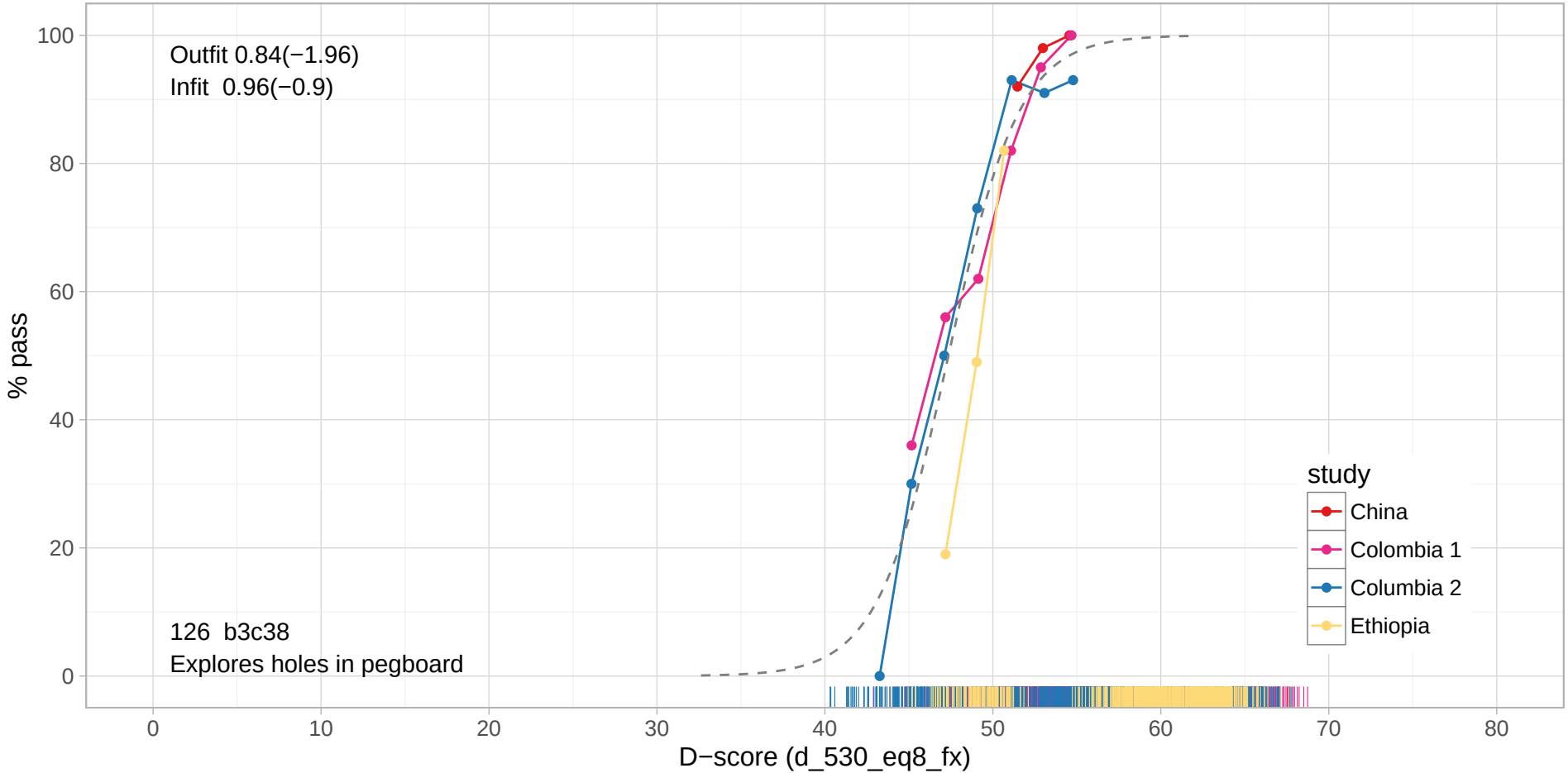

Outfit 1.23(0.88)
Infit 1.2(1.31)
121 b3c30
Retains both blocks
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2
Ethiopia

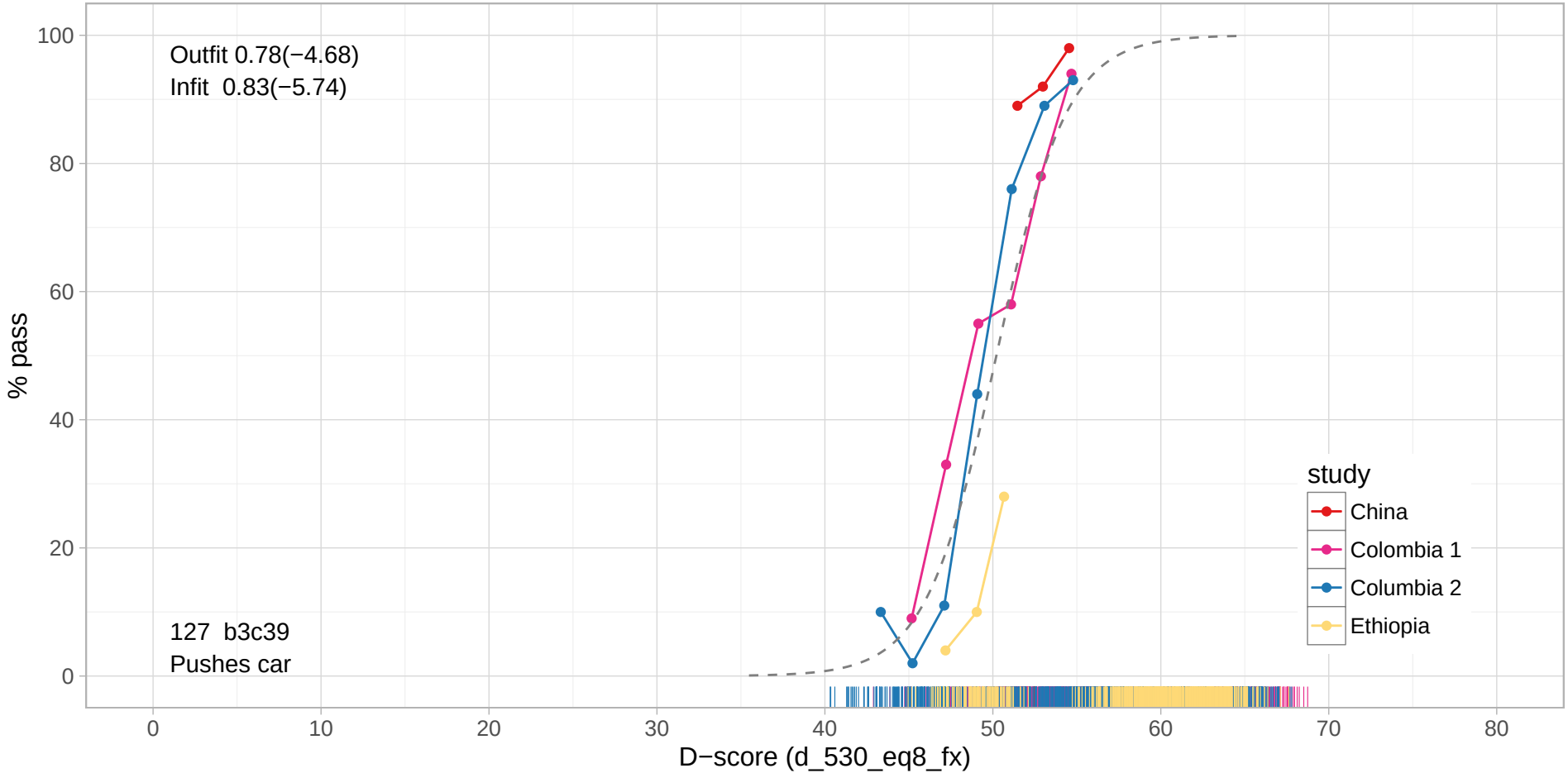

Outfit 0.96(−0.24)
Infit 1.06(0.76)
122 b3c31
Bell Series: Rings purposely
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

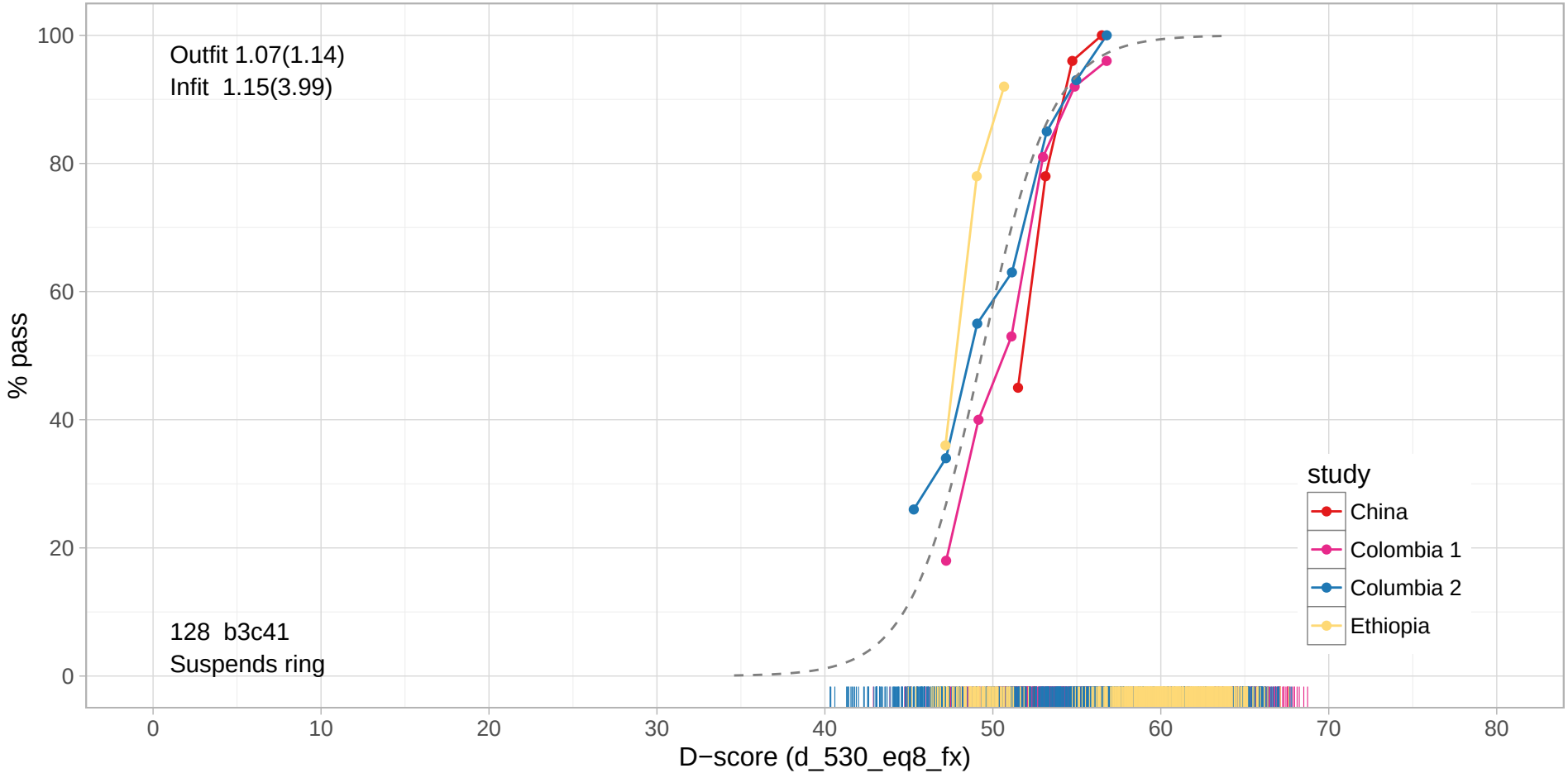

Outfit 1.21(0.73)
Infit 1.32(1.74)
123 b3c32
Looks at pictures
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia

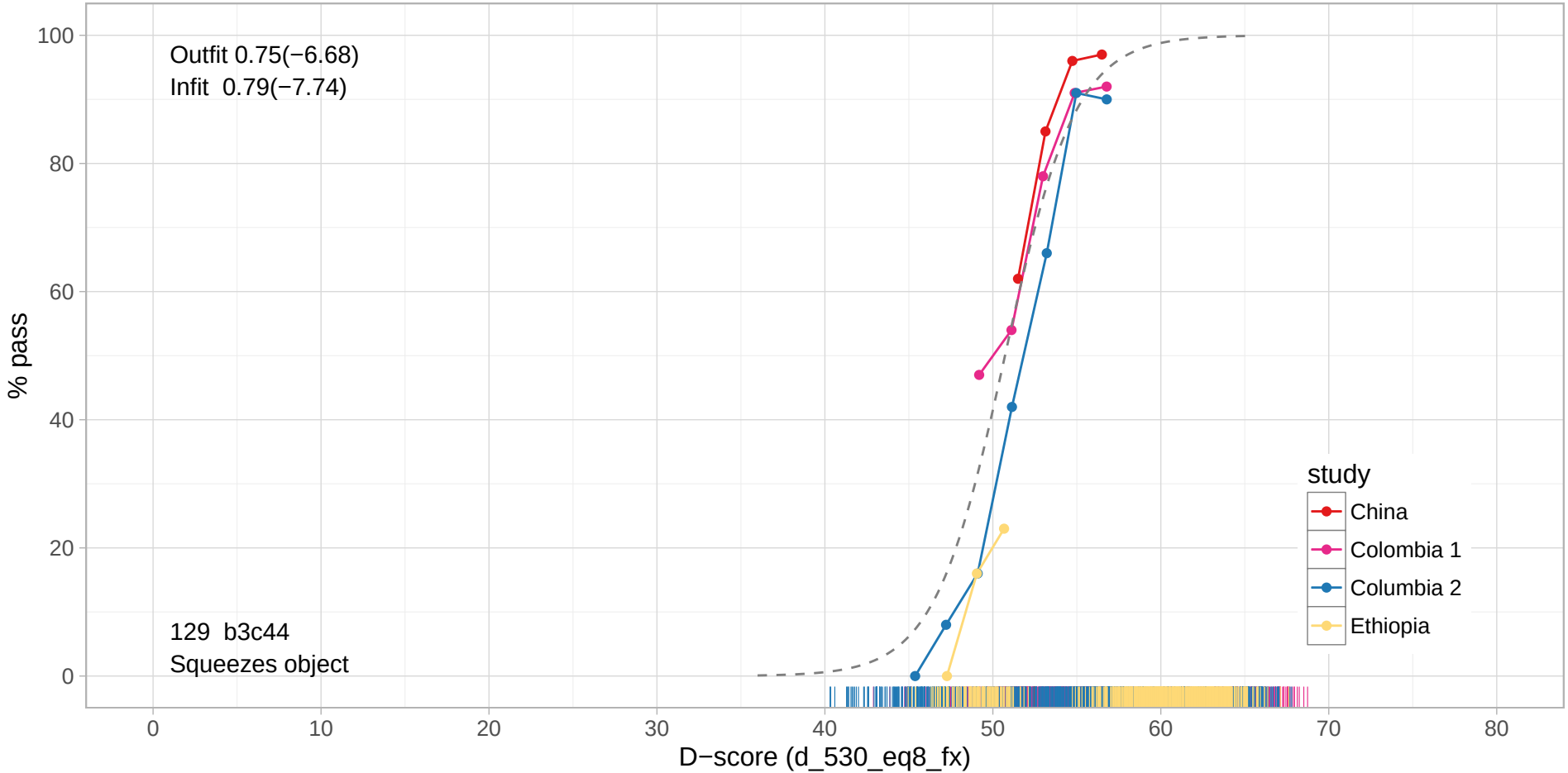

Outfit 1.02(0.15)
Infit 1.03(0.56)
124 b3c35
Takes blocks out of cup
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia

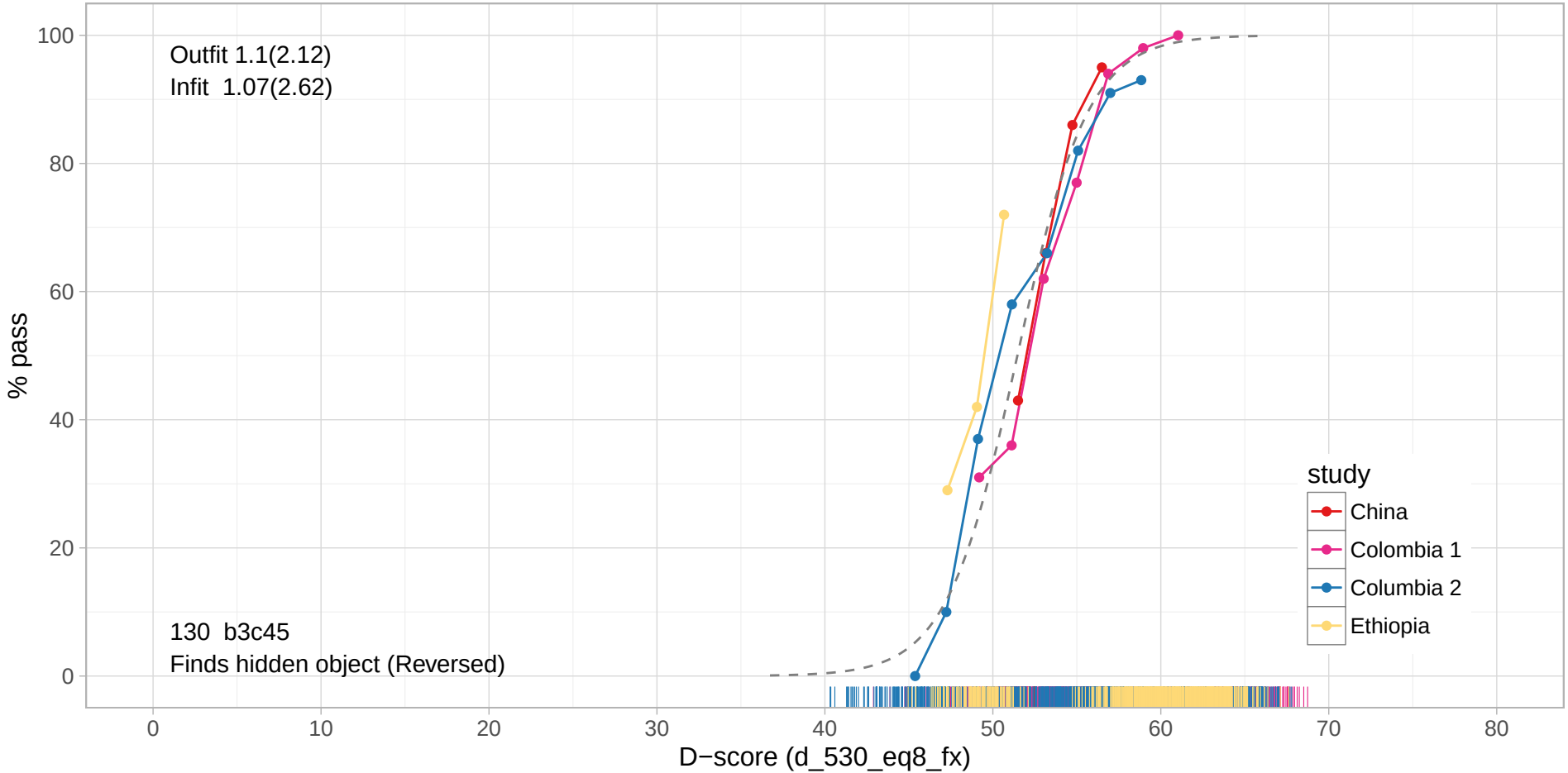

Outfit 1.36(3.01)
Infit 1.11(2.06)
125 b3c37
Picks up Block Series: 3 blocks
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

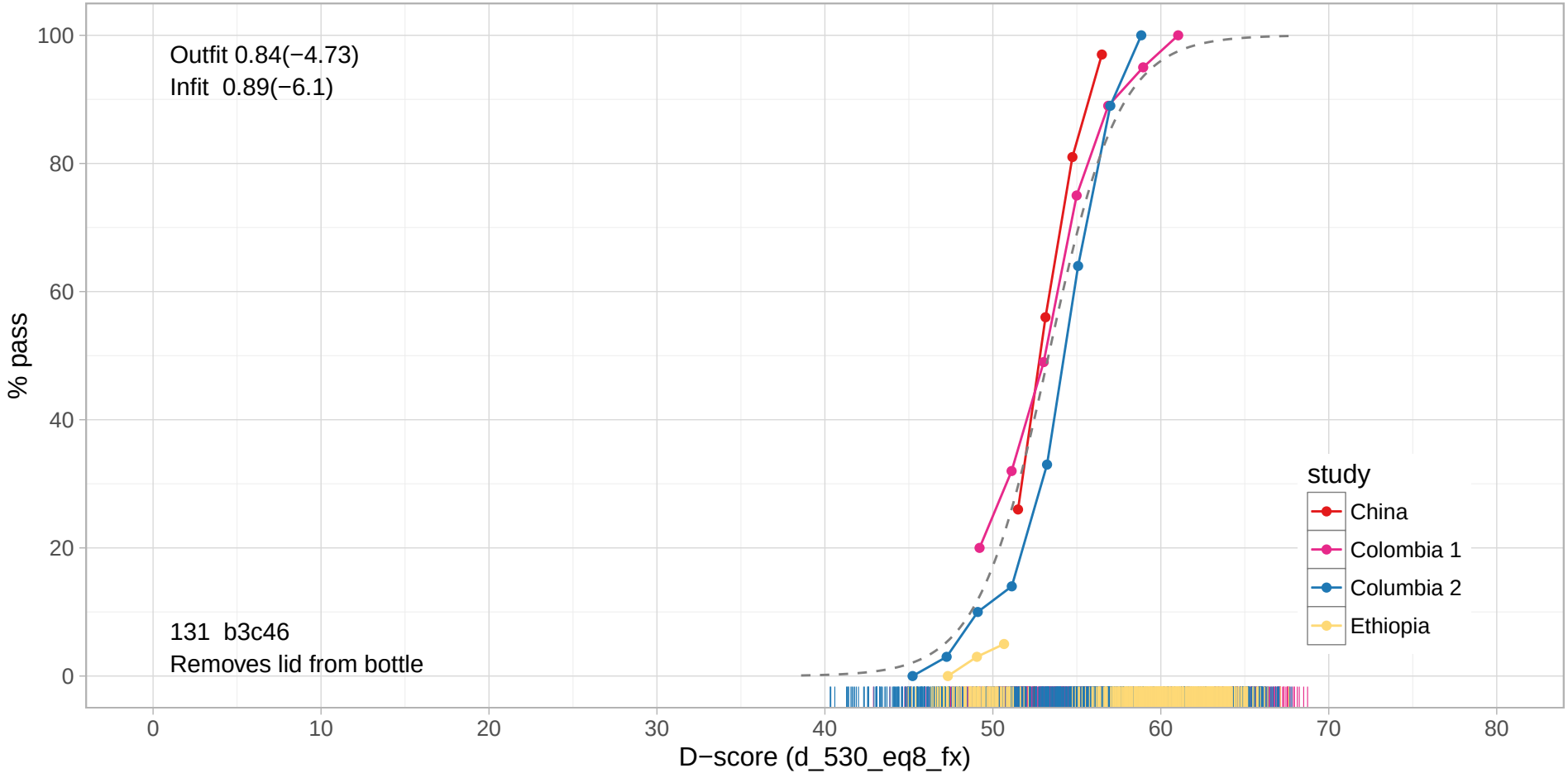

Outfit 0.84(−1.96)
Infit 0.96(−0.9)
126 b3c38
Explores holes in pegboard
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia

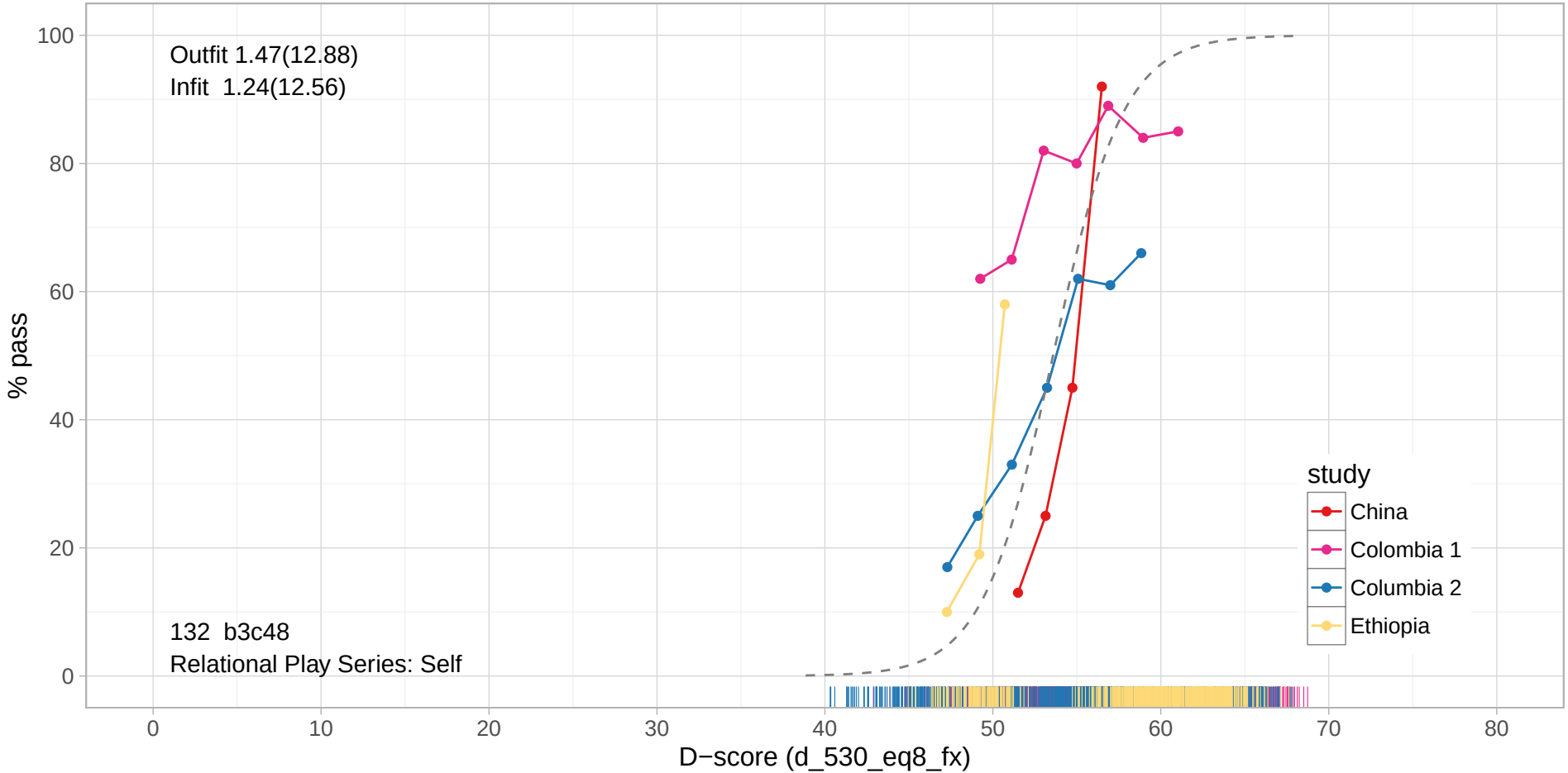

Outfit 0.78(−4.68)
Infit 0.83(−5.74)
127 b3c39
Pushes car
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia

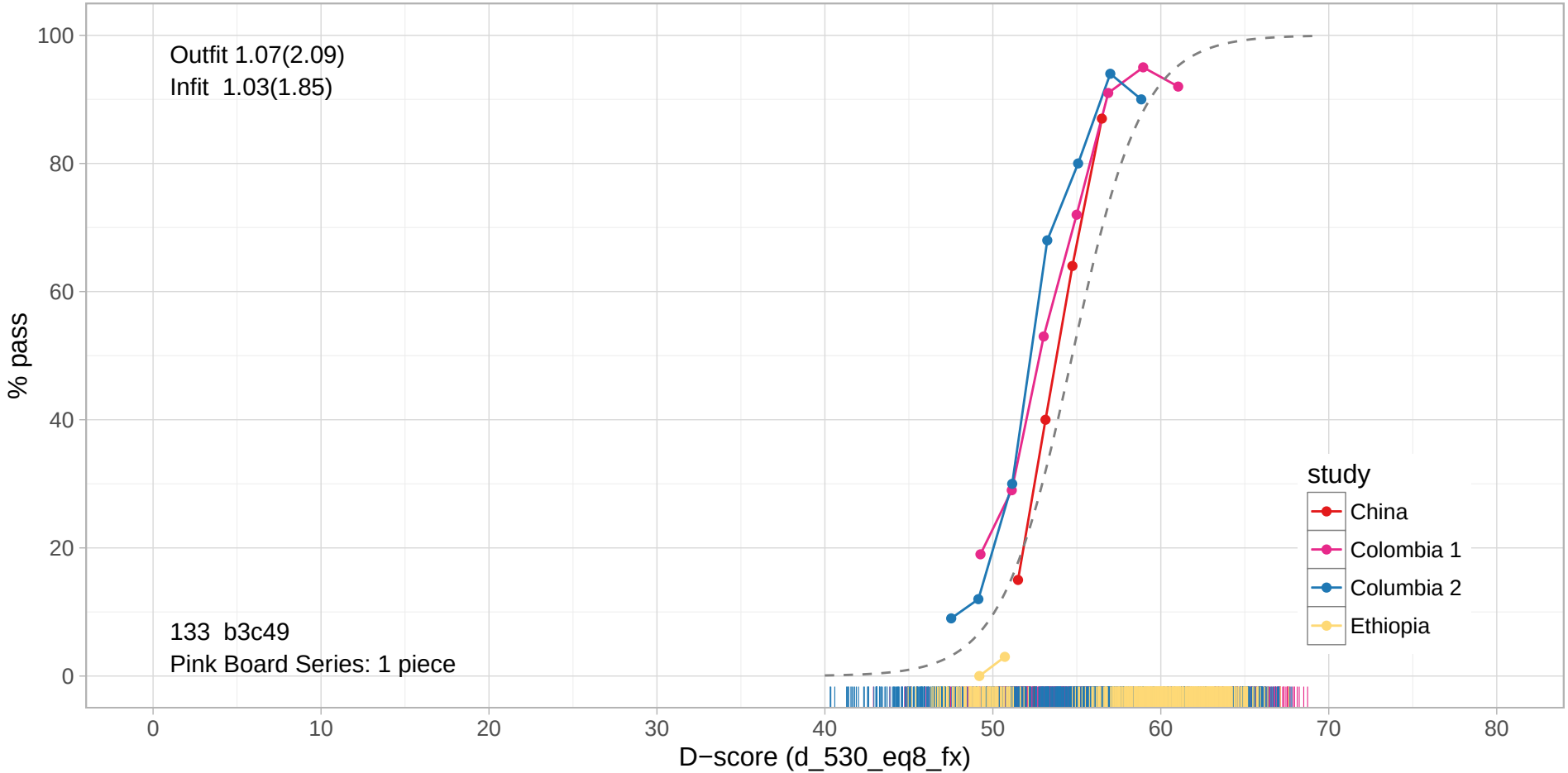

Outfit 1.07(1.14)
Infit 1.15(3.99)
128 b3c41
Suspends ring
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

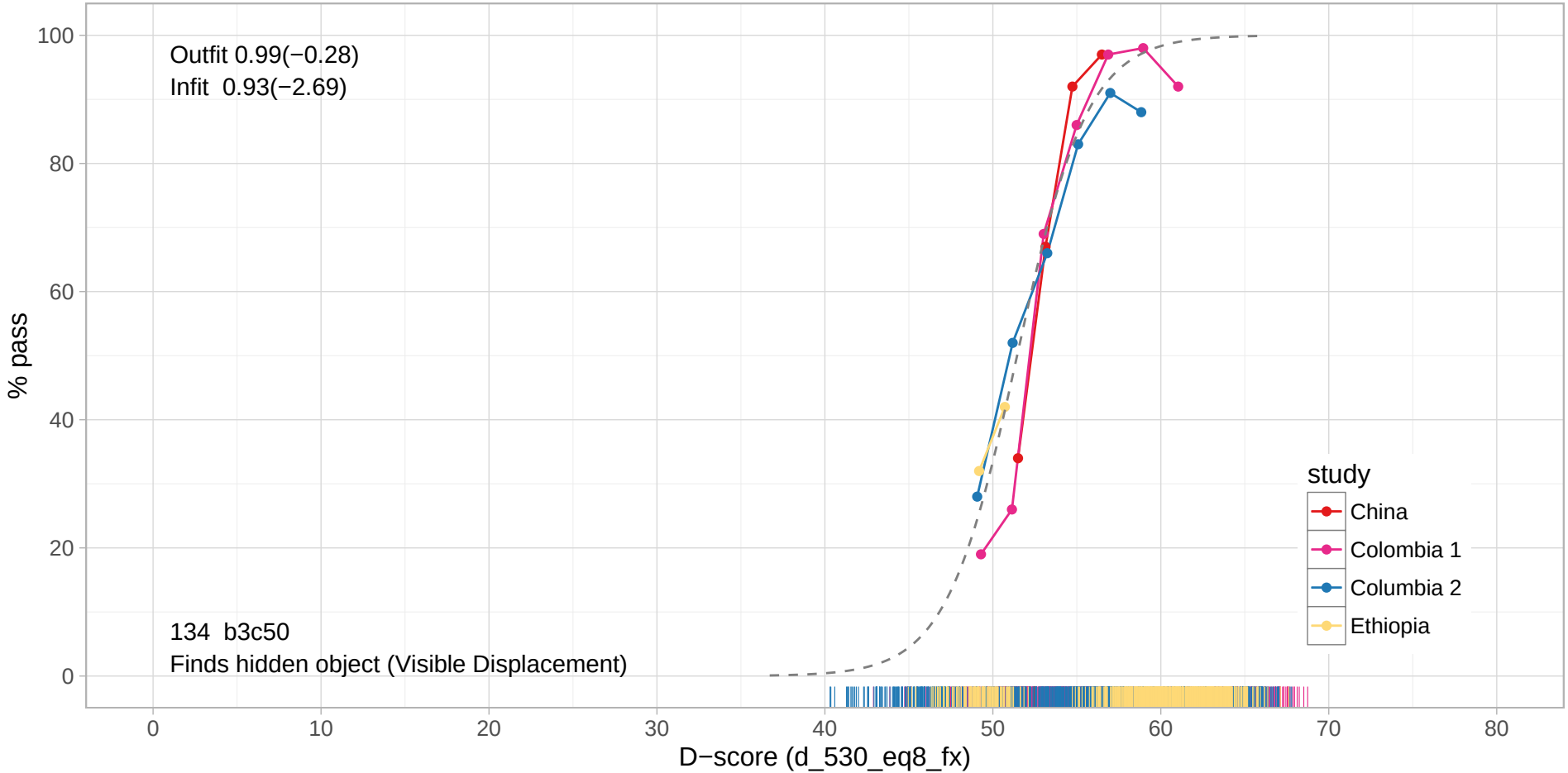

Outfit 0.75(−6.68)
Infit 0.79(−7.74)
129 b3c44
Squeezes object
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia

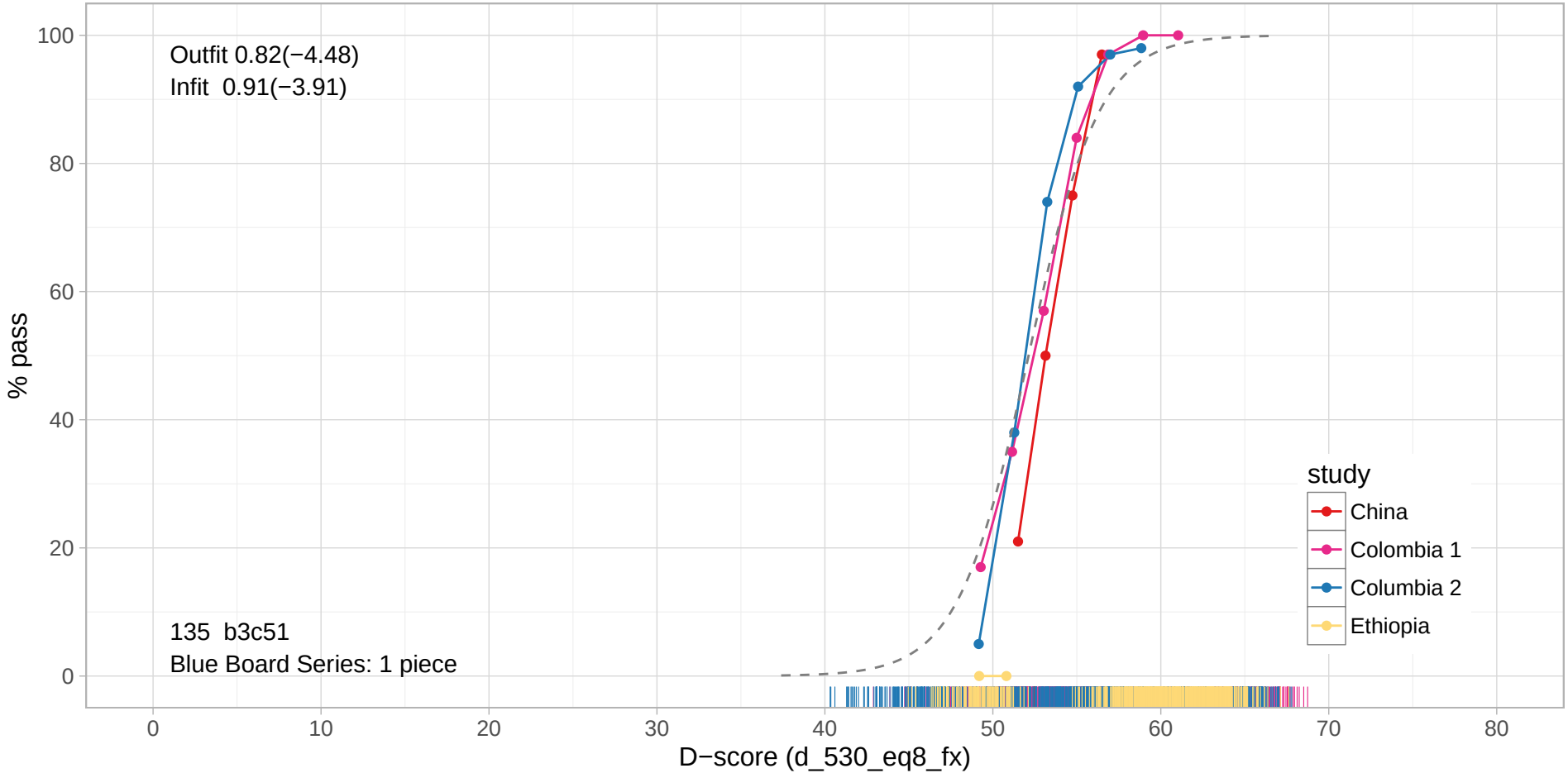

Outfit 1.1(2.12)
Infit 1.07(2.62)
130 b3c45
Finds hidden object (Reversed)
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

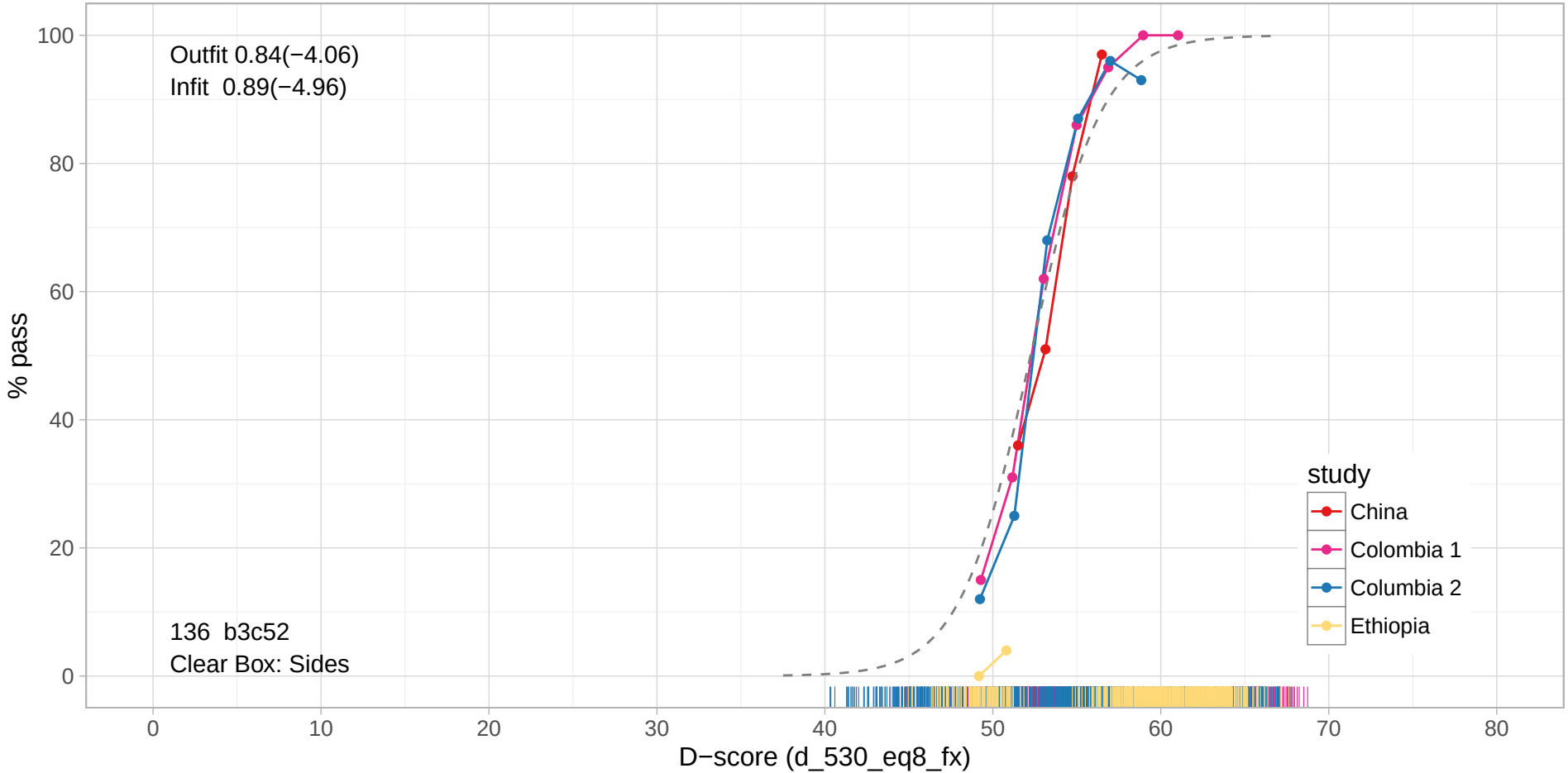

Outfit 0.84(−4.73)
Infit 0.89(−6.1)
131 b3c46
Removes lid from bottle
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia

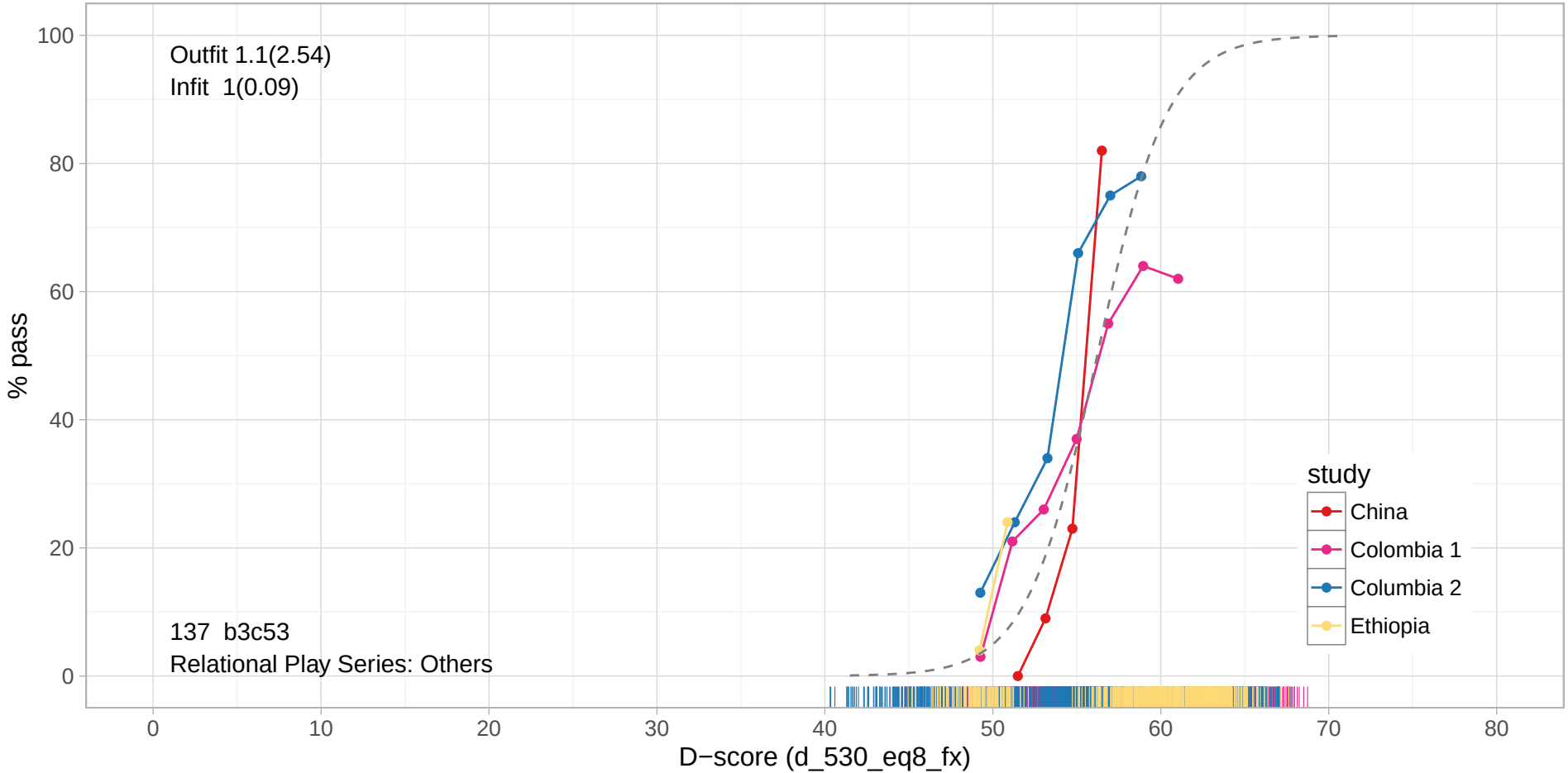

Outfit 1.47(12.88)
Infit 1.24(12.56)
132 b3c48
Relational Play Series: Self
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

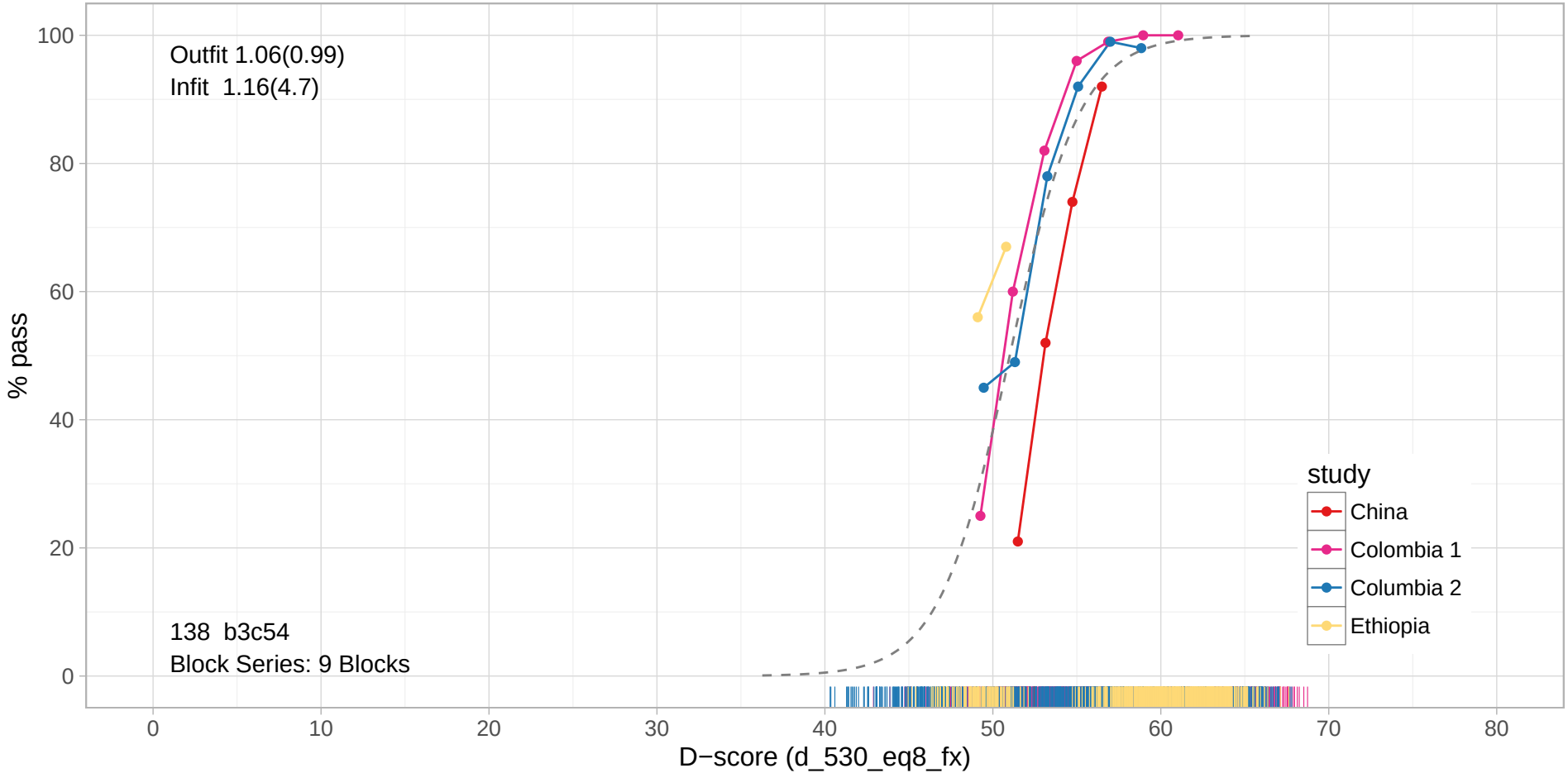

Outfit 1.07(2.09)
Infit 1.03(1.85)
133 b3c49
Pink Board Series: 1 piece
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

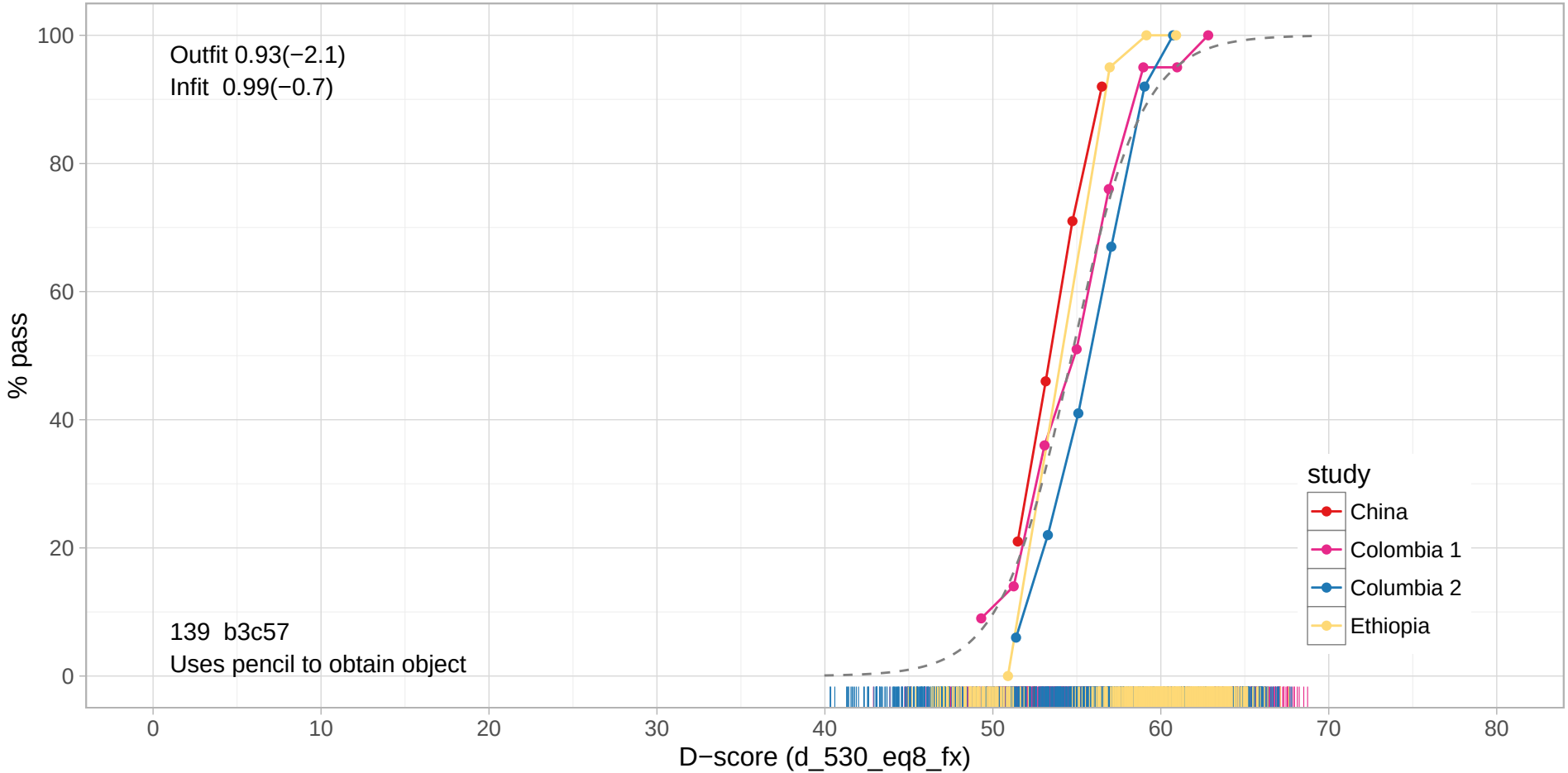

Outfit 0.99(−0.28)
Infit 0.93(−2.69)
134 b3c50
Finds hidden object (Visible Displacement)
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

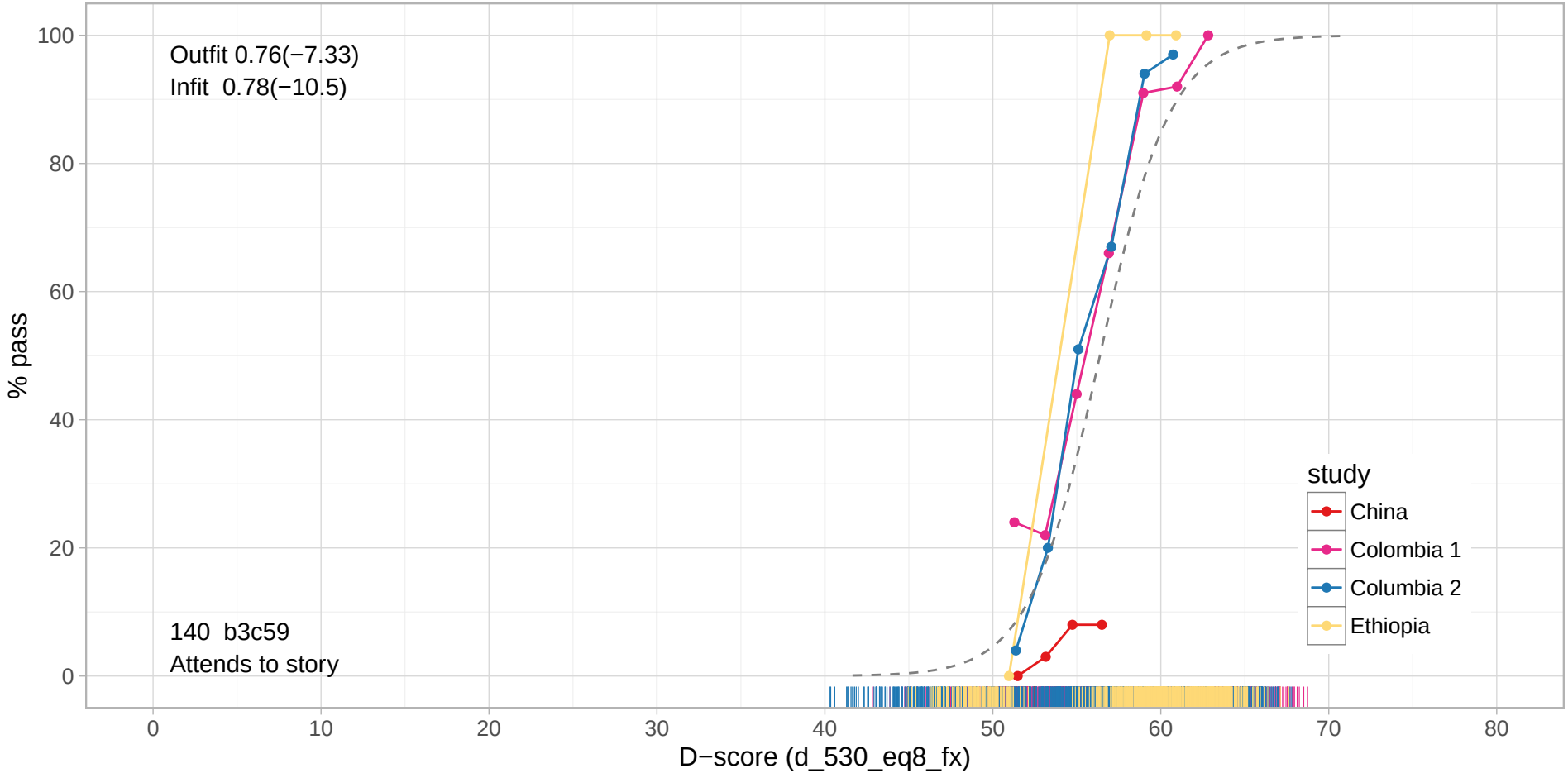

Outfit 0.82(−4.48)
Infit 0.91(−3.91)
135 b3c51
Blue Board Series: 1 piece
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia

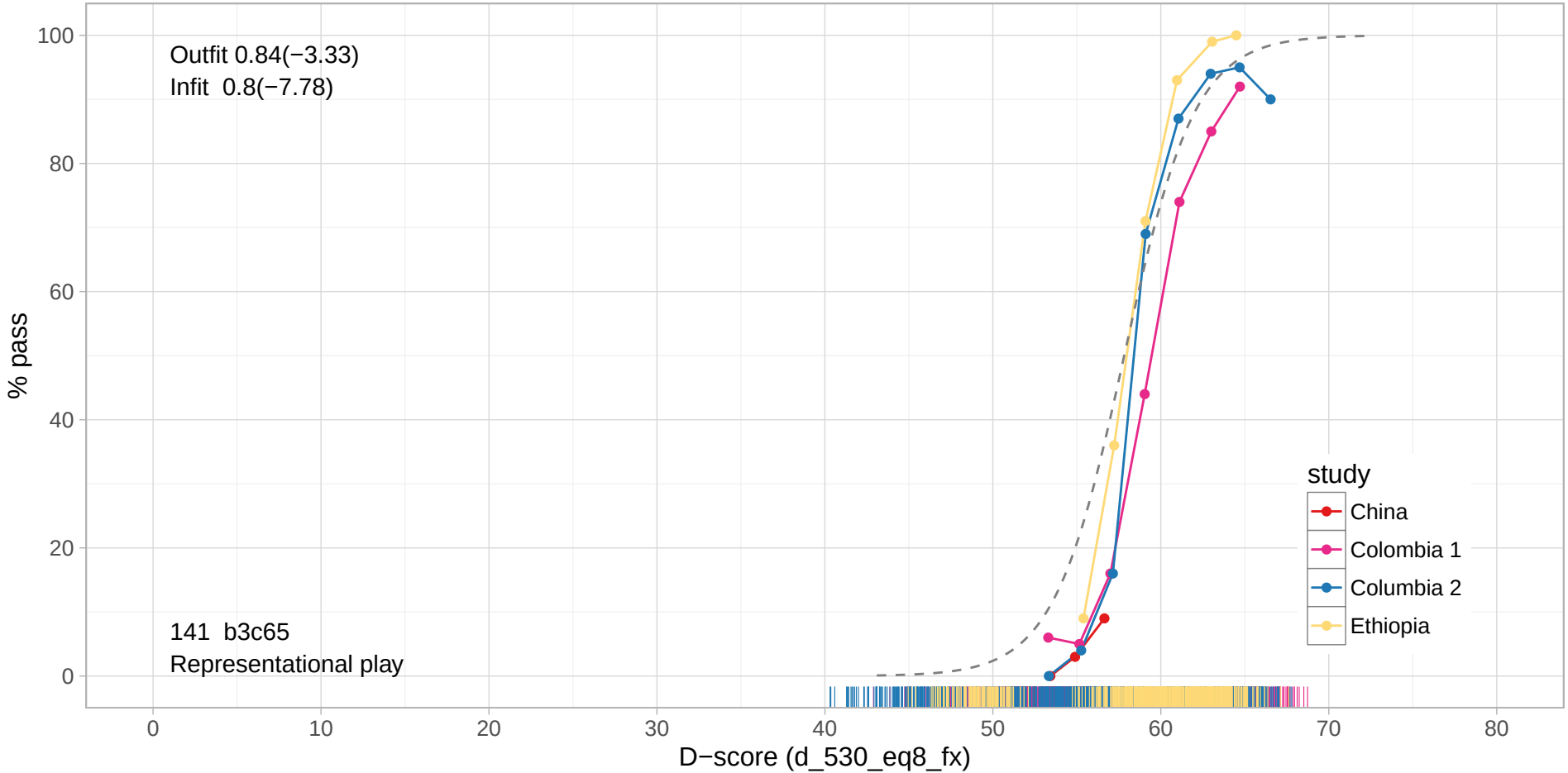

Outfit 0.84(−4.06)
Infit 0.89(−4.96)
136 b3c52
Clear Box: Sides
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

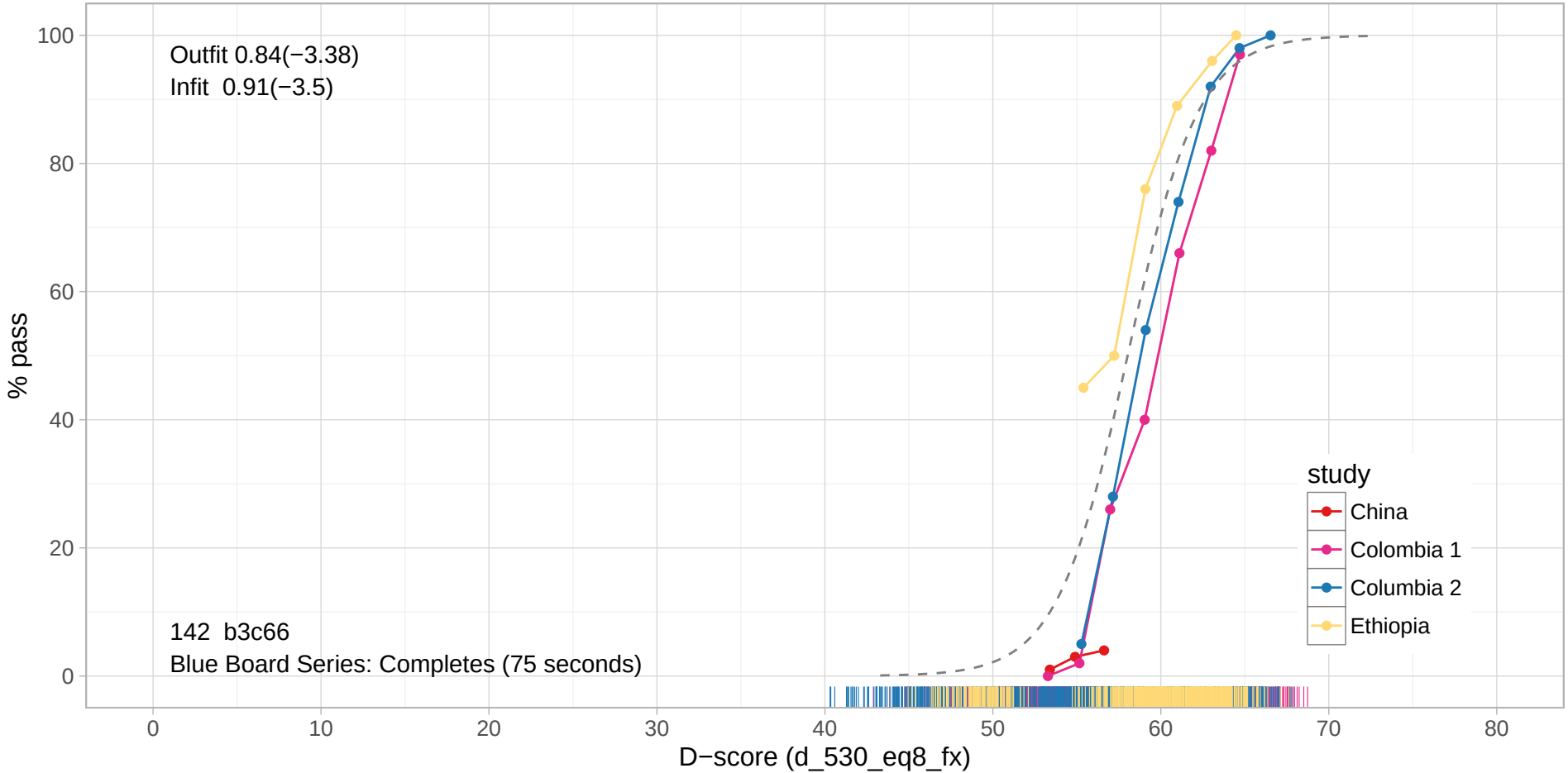

Outfit 1.1(2.54)
Infit 1(0.09)
137 b3c53
Relational Play Series: Others
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

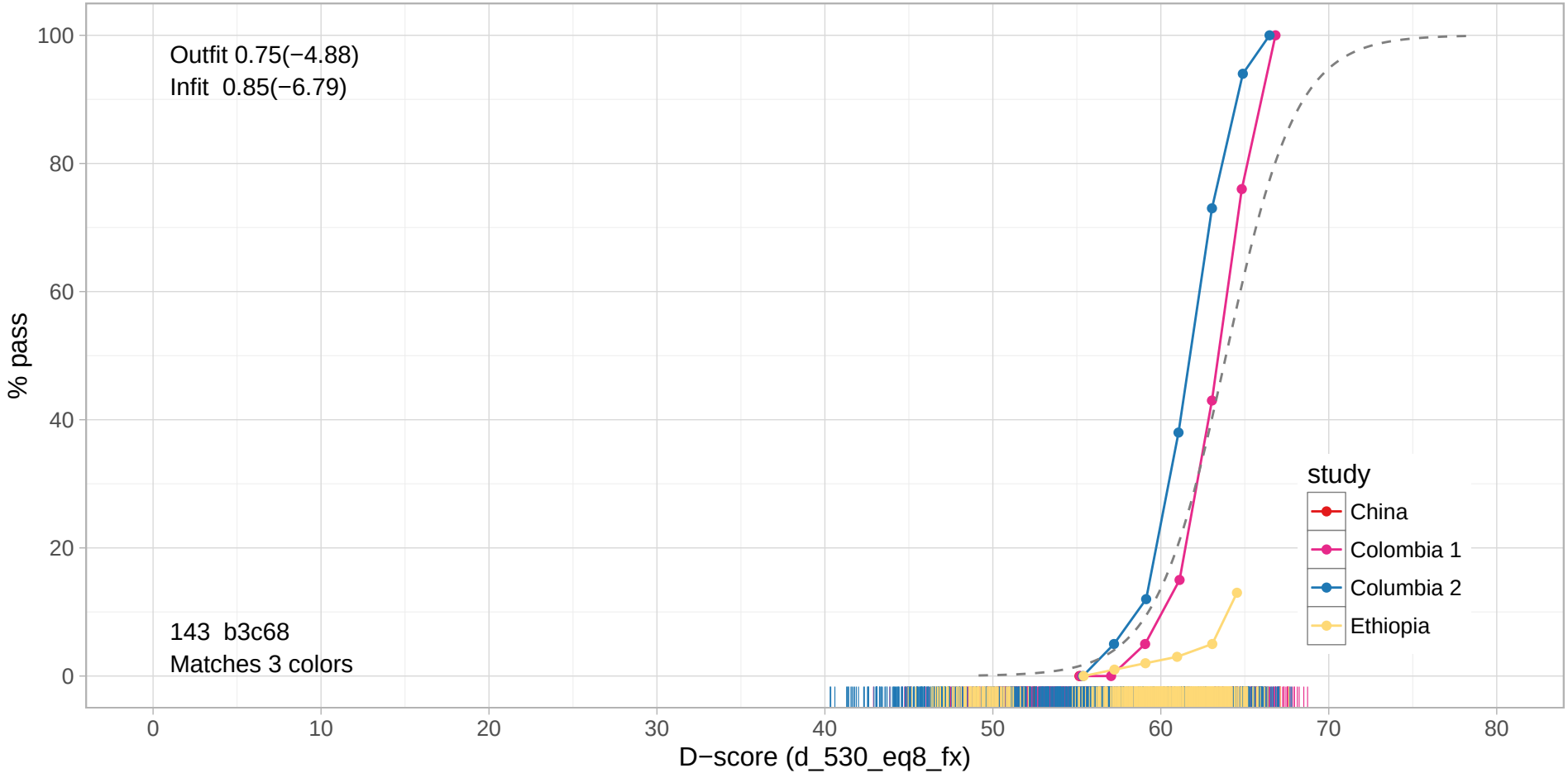

Outfit 1.06(0.99)
Infit 1.16(4.7)
138 b3c54
Block Series: 9 Blocks
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

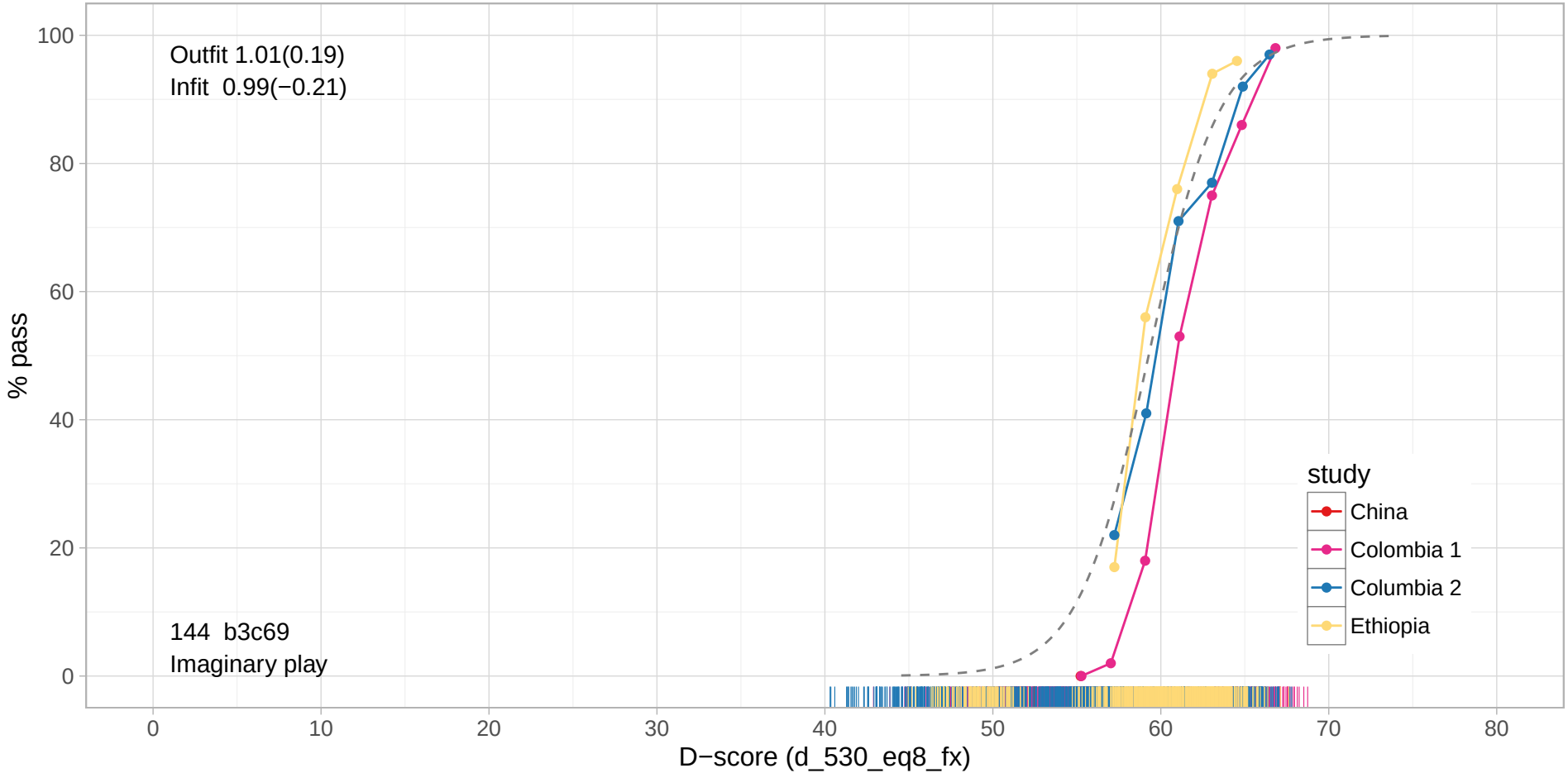

Outfit 0.93(−2.1)
Infit 0.99(−0.7)
139 b3c57
Uses pencil to obtain object
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

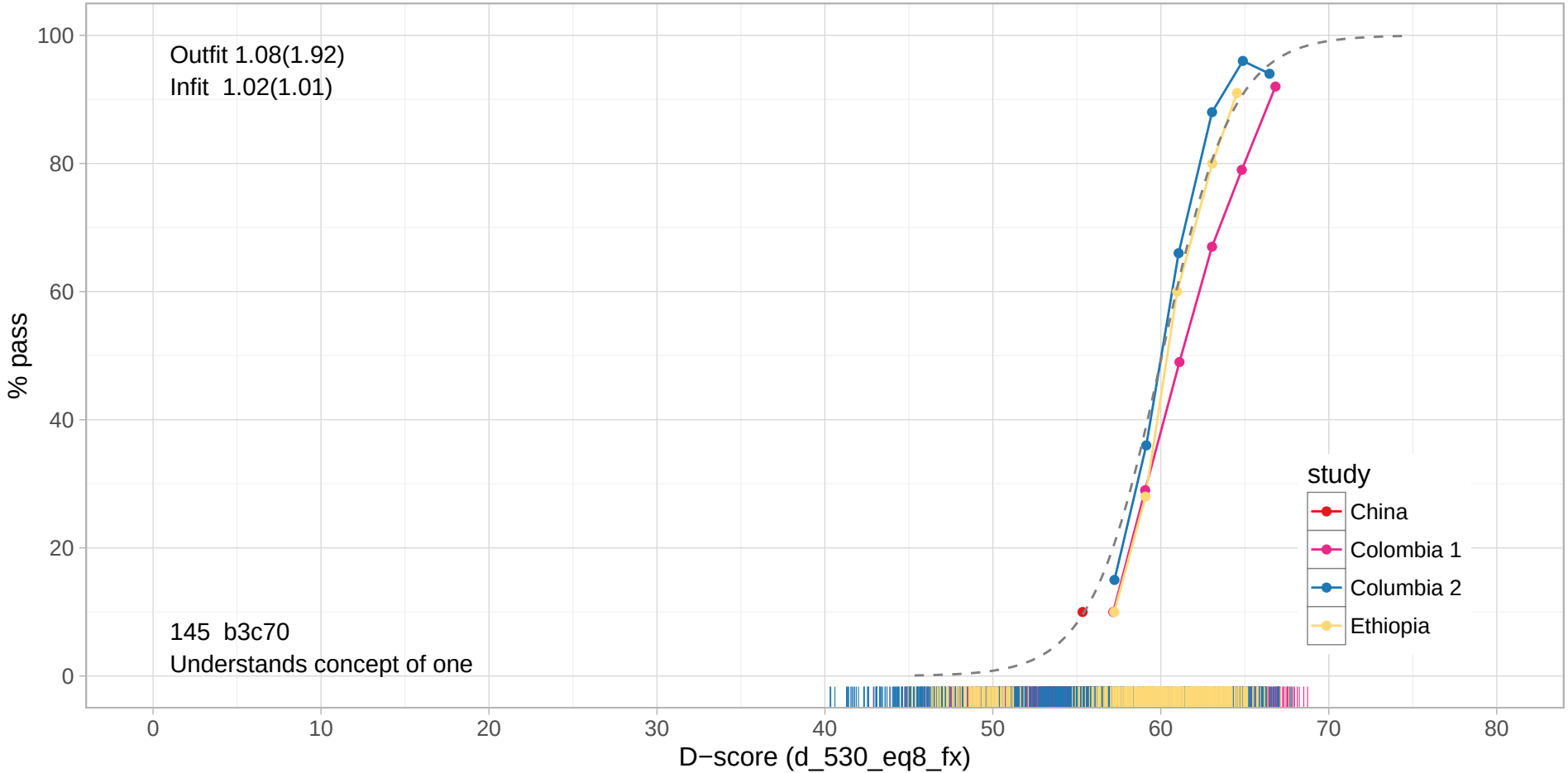

Outfit 0.76(−7.33)
Infit 0.78(−10.5)
140 b3c59
Attends to story
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

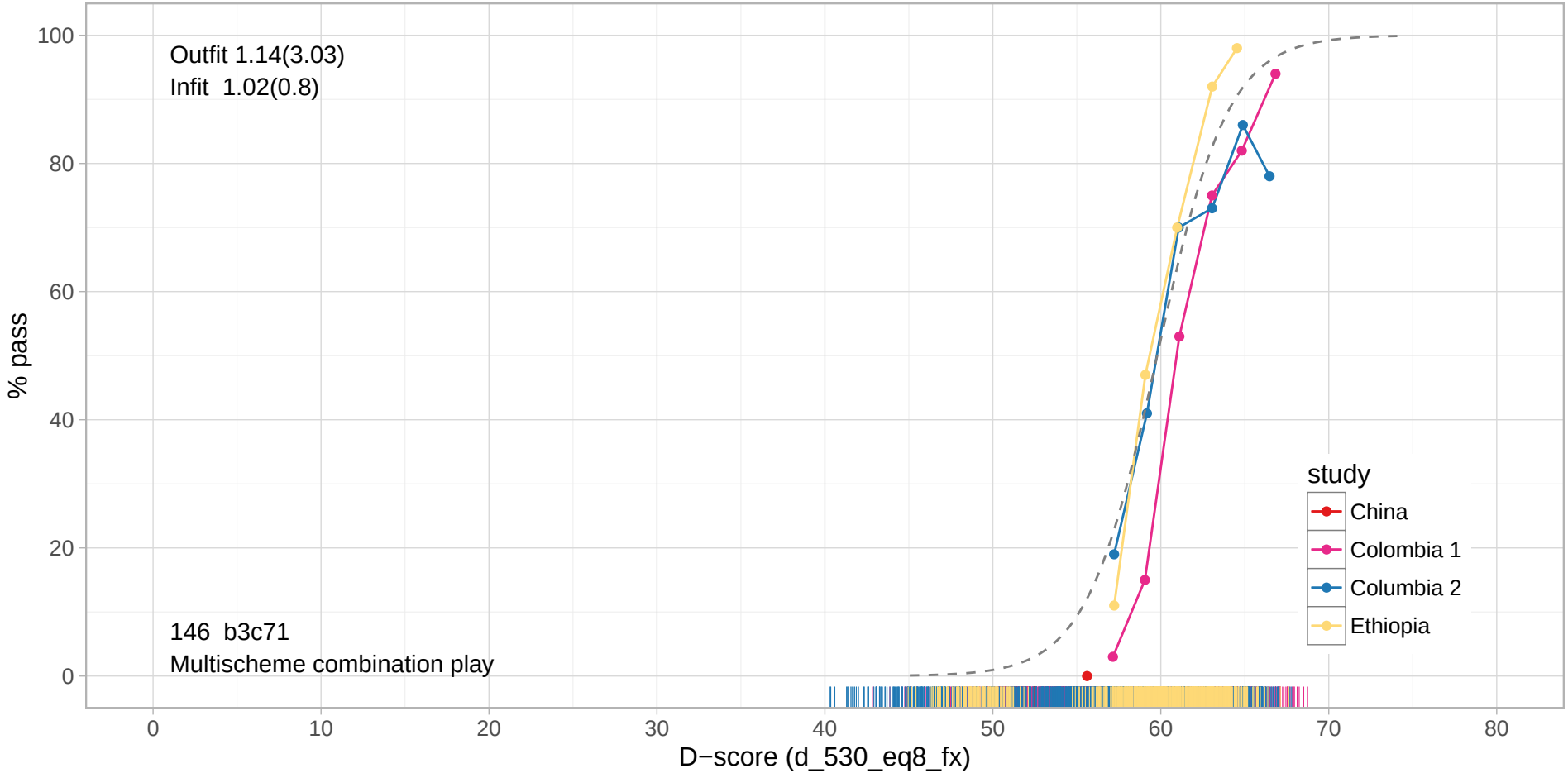

Outfit 0.84(−3.33)
Infit 0.8(−7.78)
141 b3c65
Representational play
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

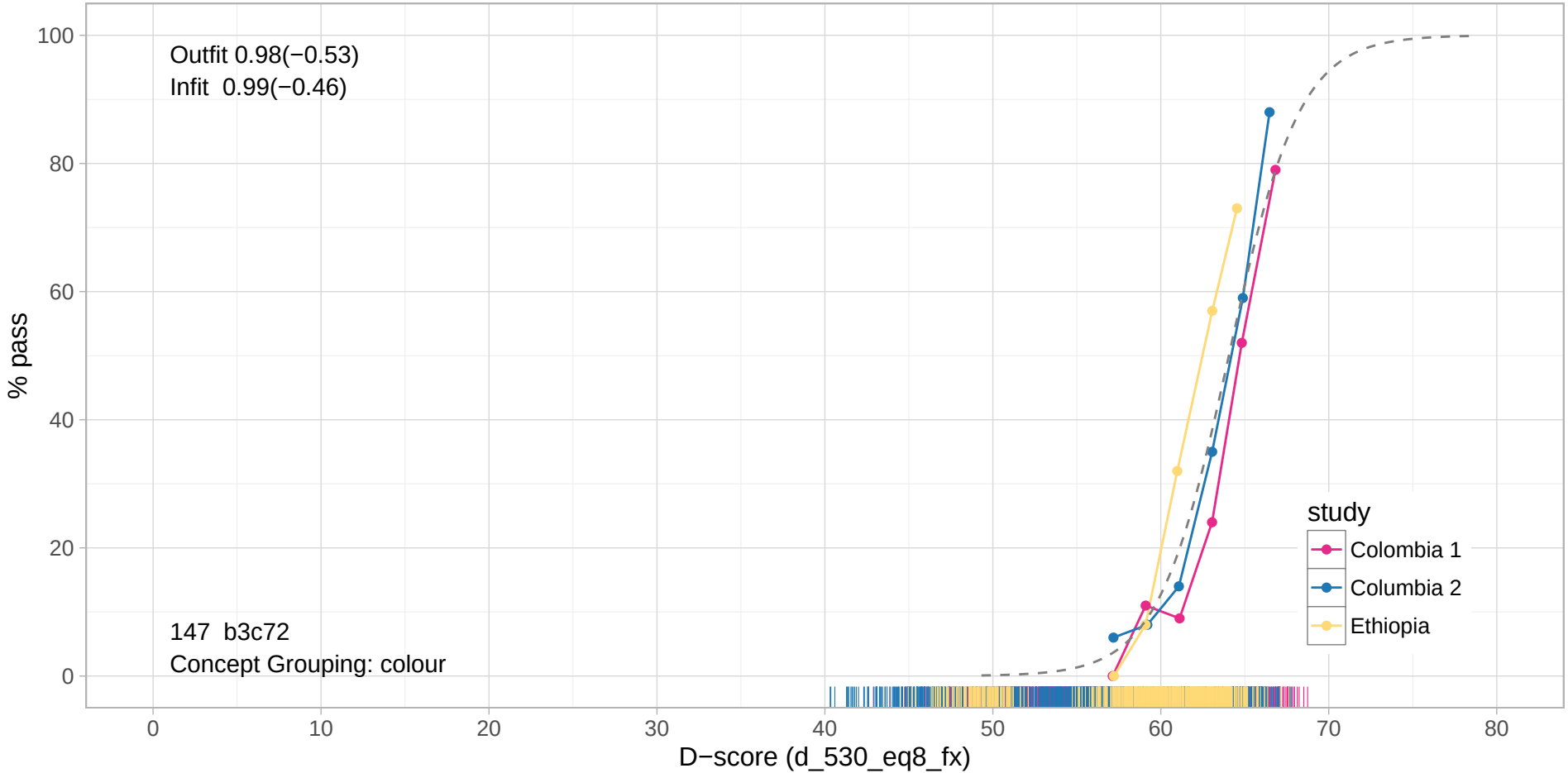

Outfit 0.84(−3.38)
Infit 0.91(−3.5)
142 b3c66
Blue Board Series: Completes (75 seconds)
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

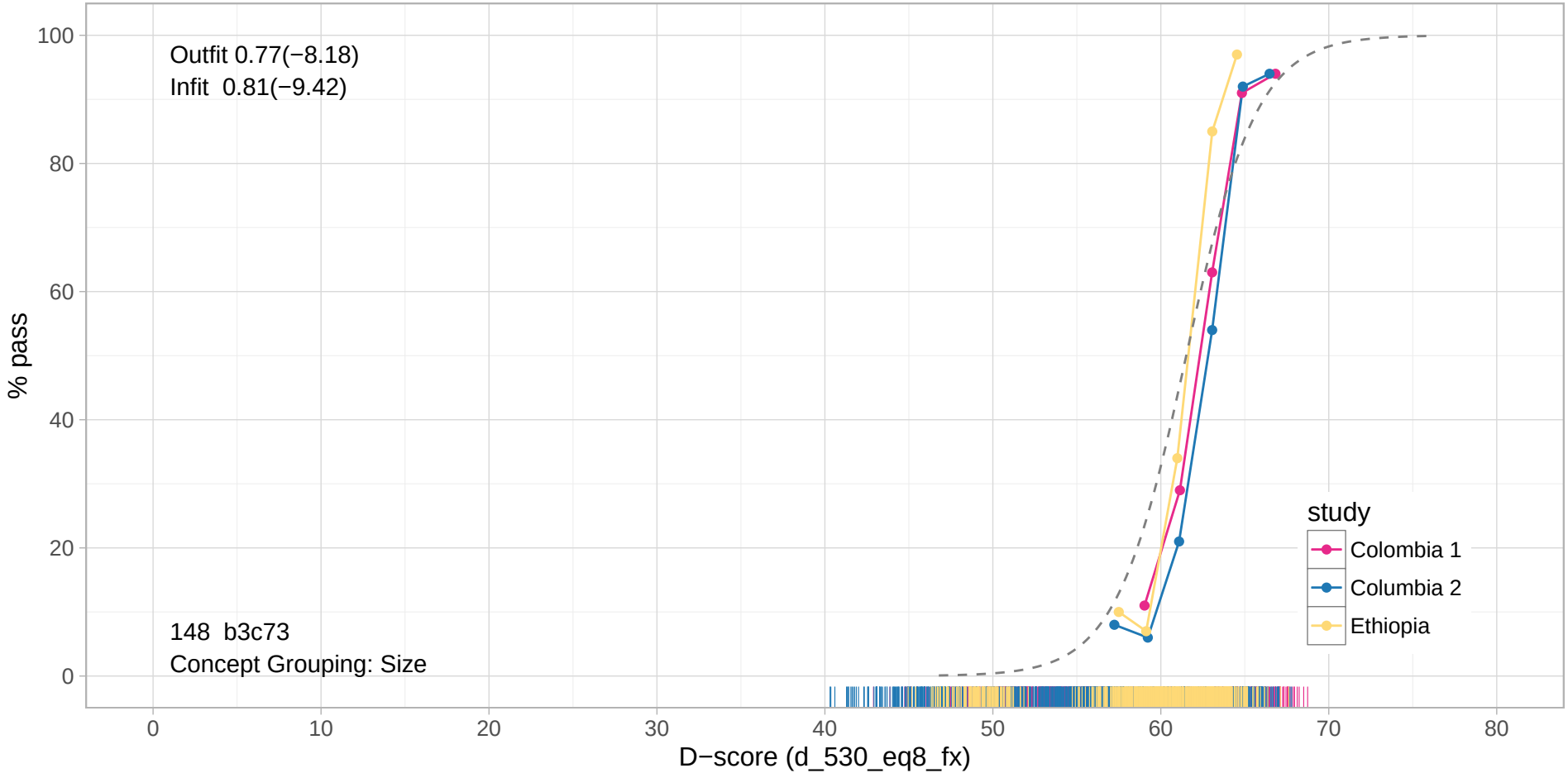

Outfit 0.75(−4.88)
Infit 0.85(−6.79)
143 b3c68
Matches 3 colors
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia

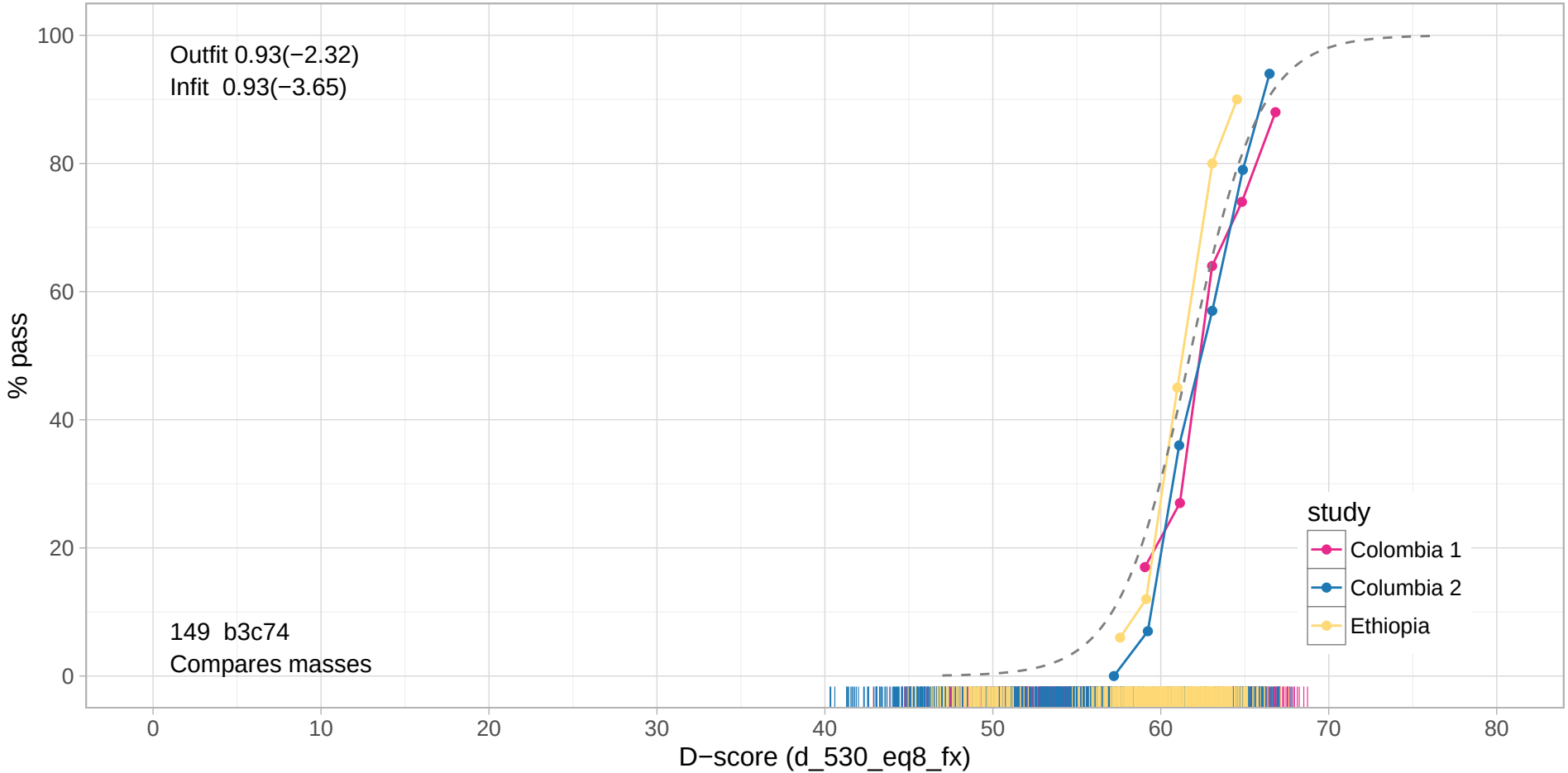

Outfit 1.01(0.19)
Infit 0.99(−0.21)
144 b3c69
Imaginary play
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia

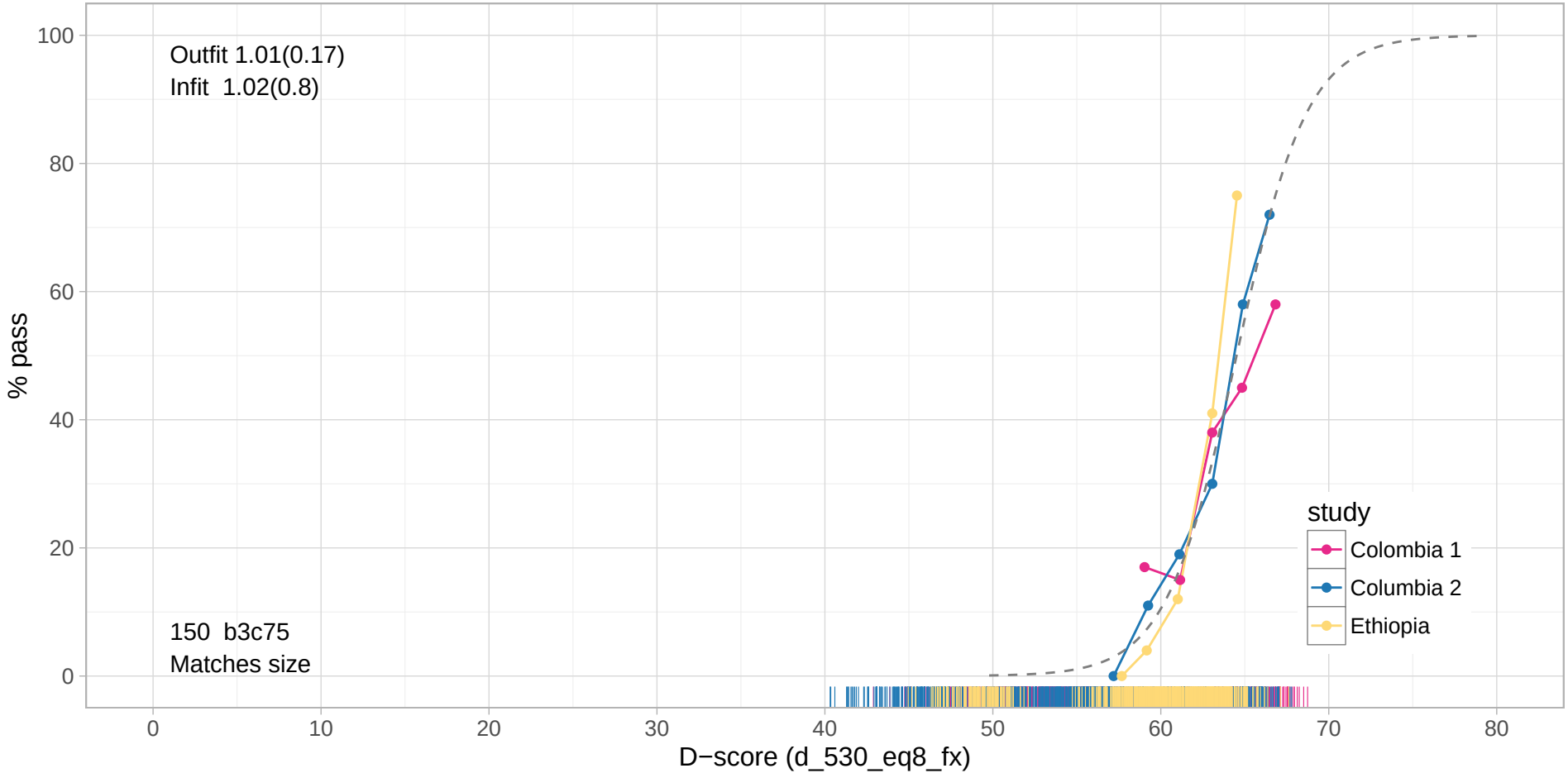

Outfit 1.08(1.92)
Infit 1.02(1.01)
145 b3c70
Understands concept of one
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia

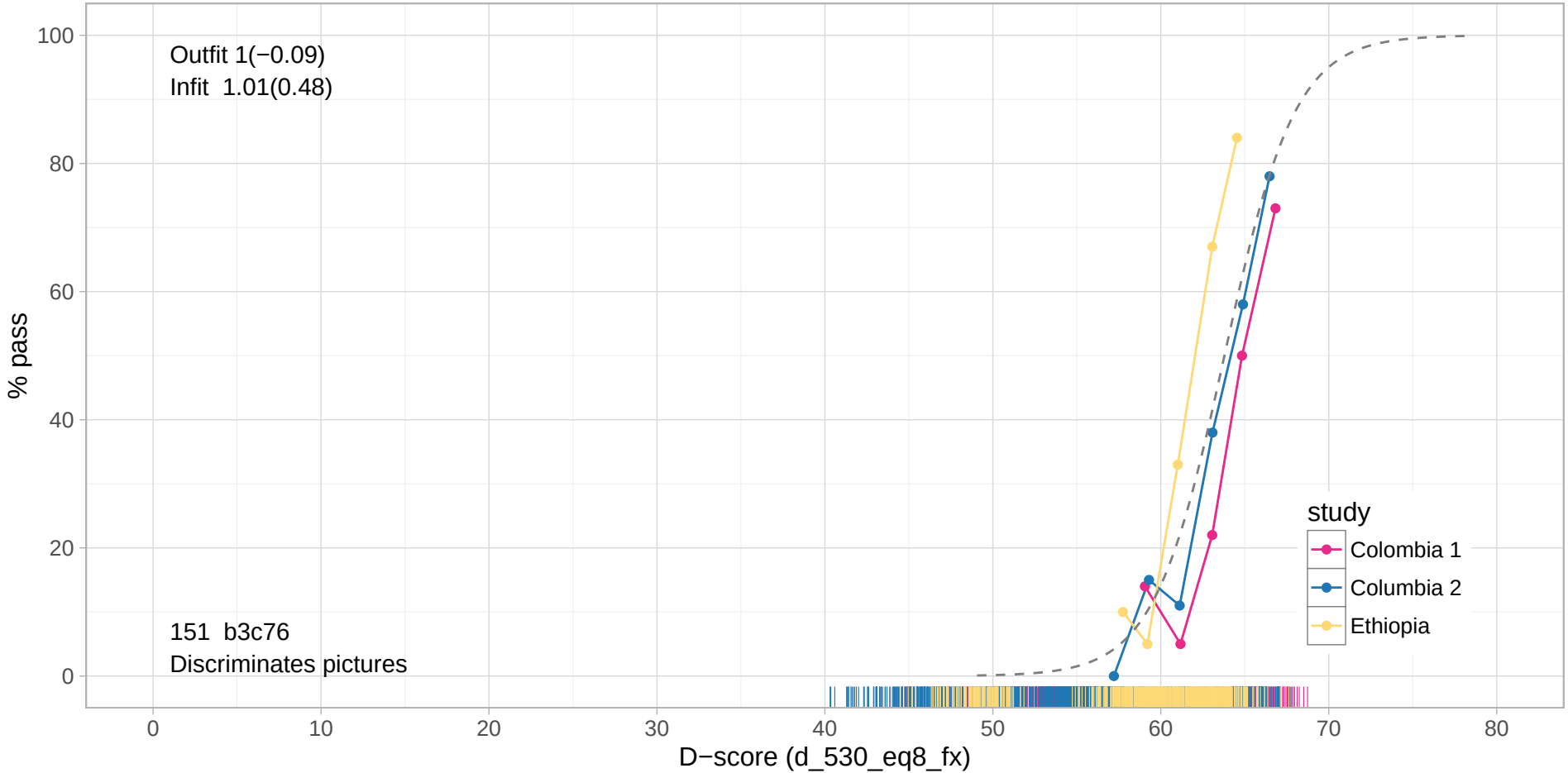

Outfit 1.14(3.03)
Infit 1.02(0.8)
146 b3c71
Multischeme combination play
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

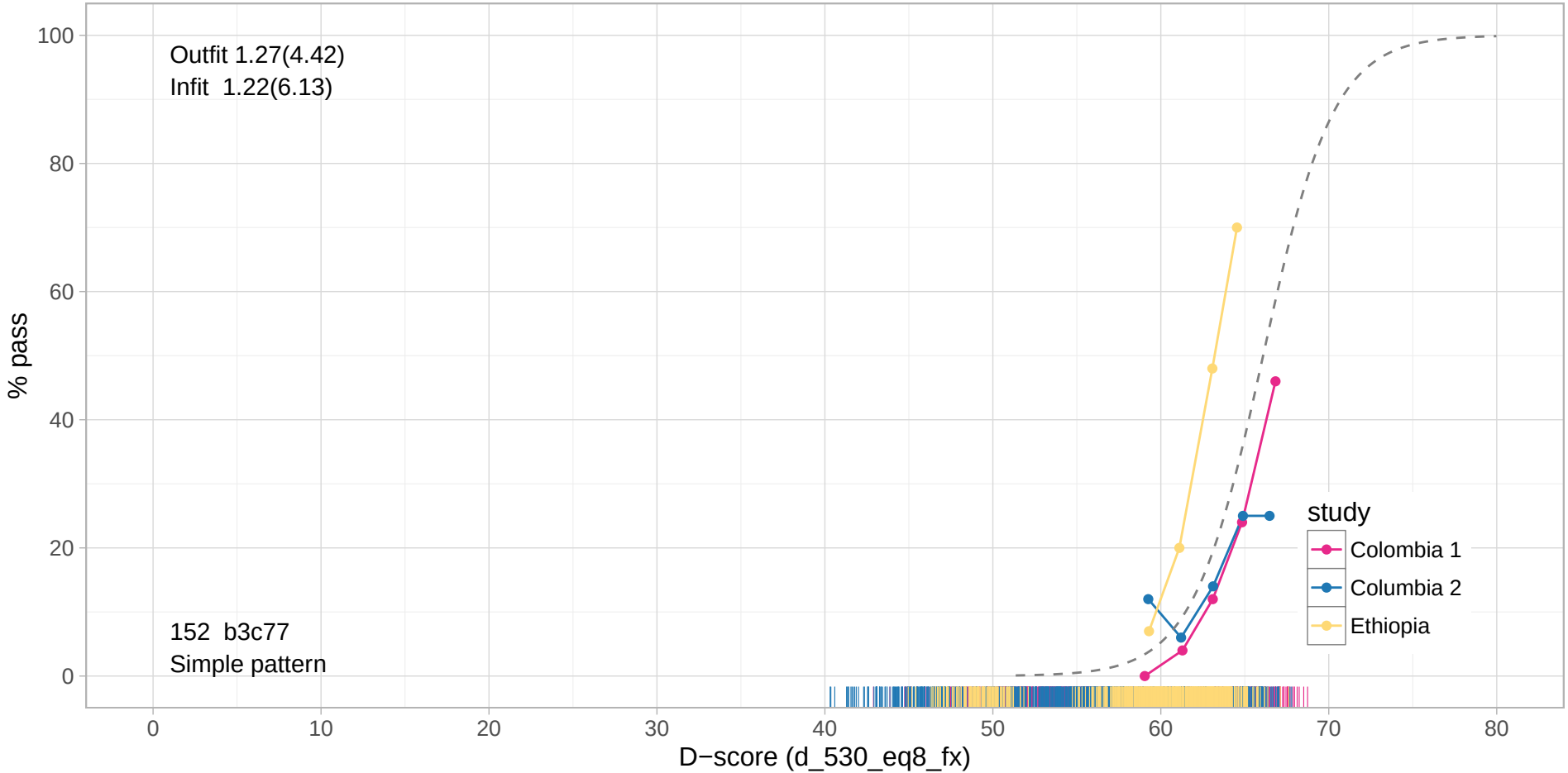

Outfit 0.98(−0.53)
Infit 0.99(−0.46)
147 b3c72
Concept Grouping: colour
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

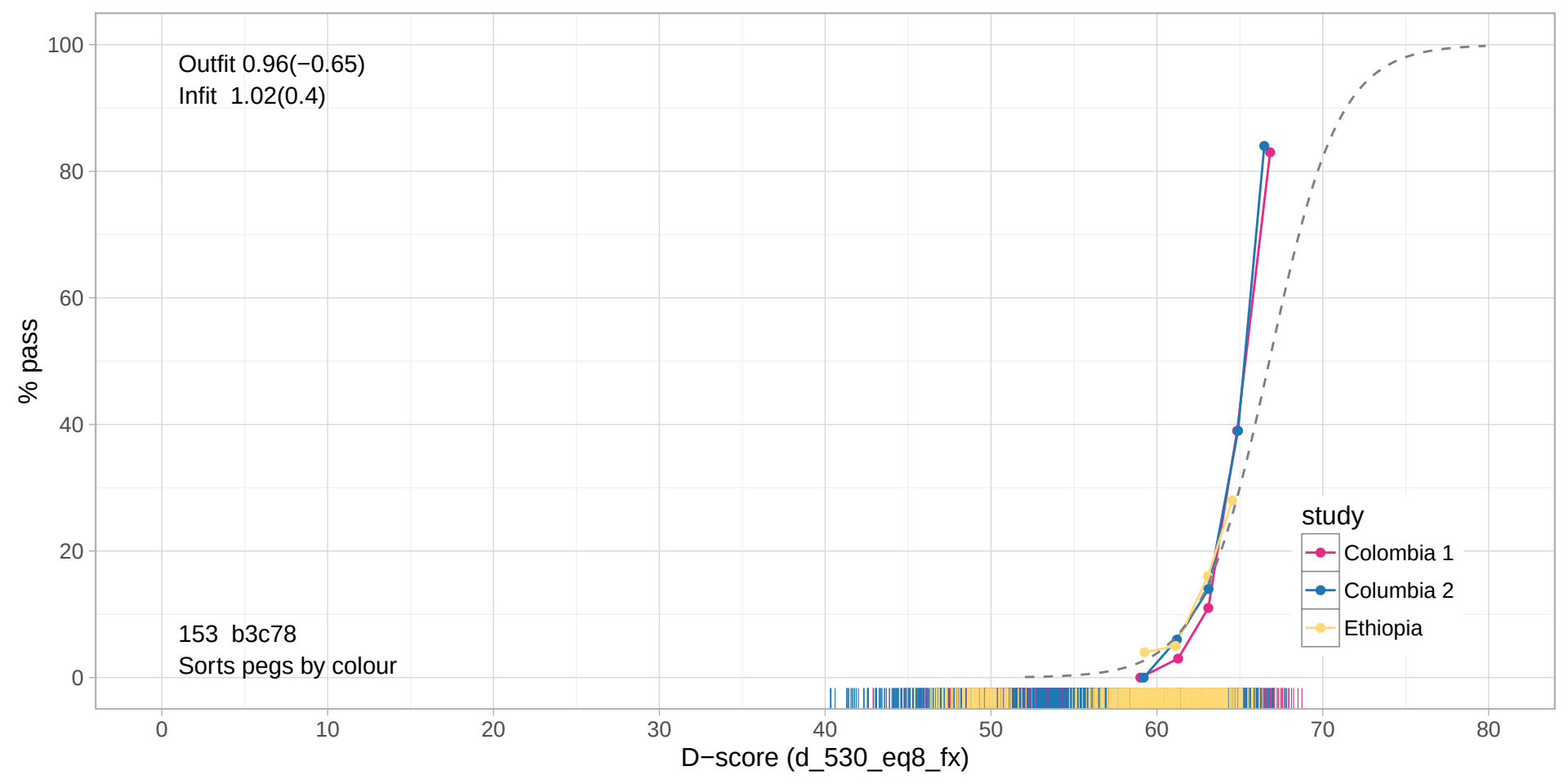

Outfit 0.77(−8.18)
Infit 0.81(−9.42)
148 b3c73
Concept Grouping: Size
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

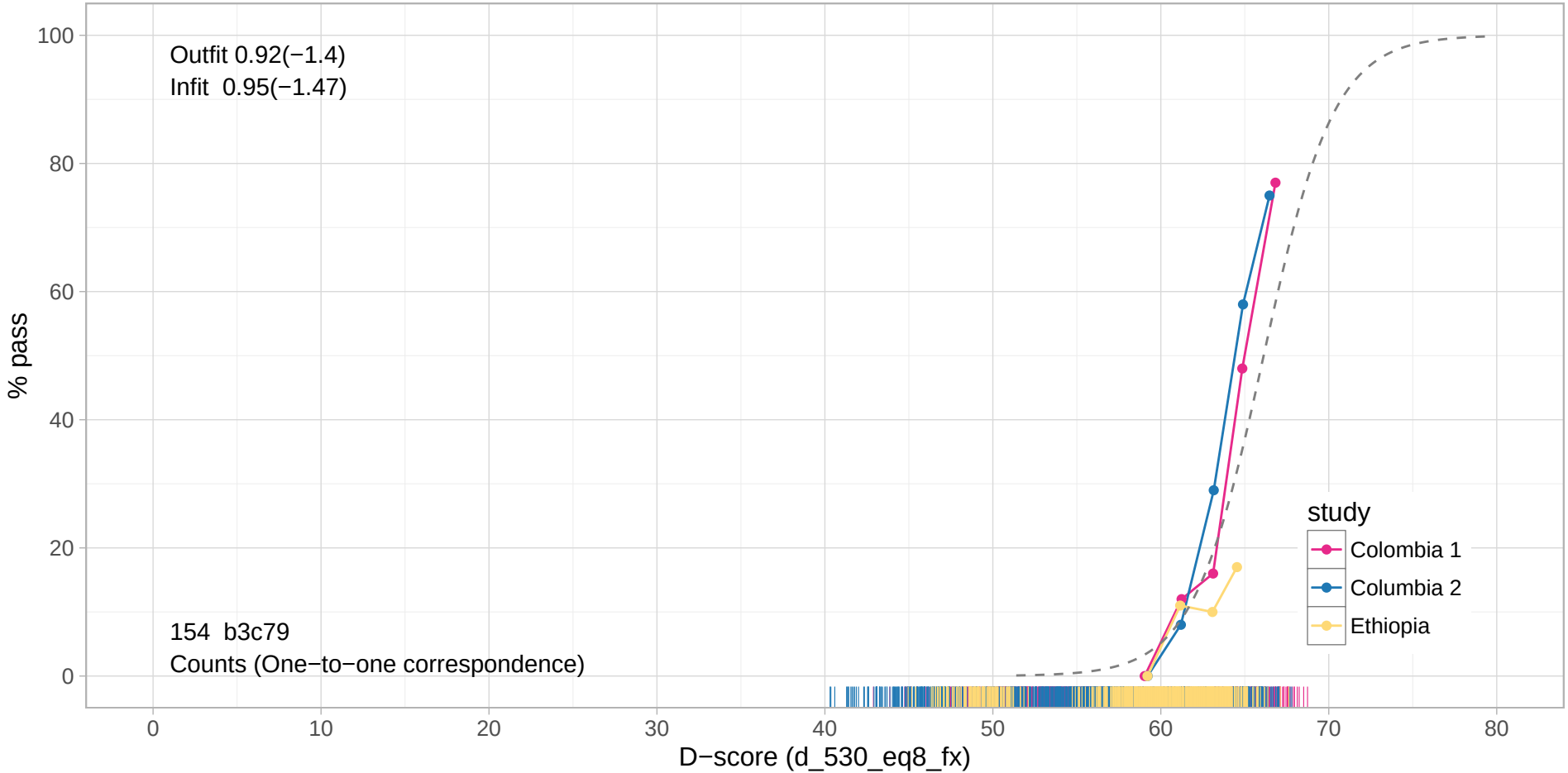

Outfit 0.93(−2.32)
Infit 0.93(−3.65)
149 b3c74
Compares masses
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

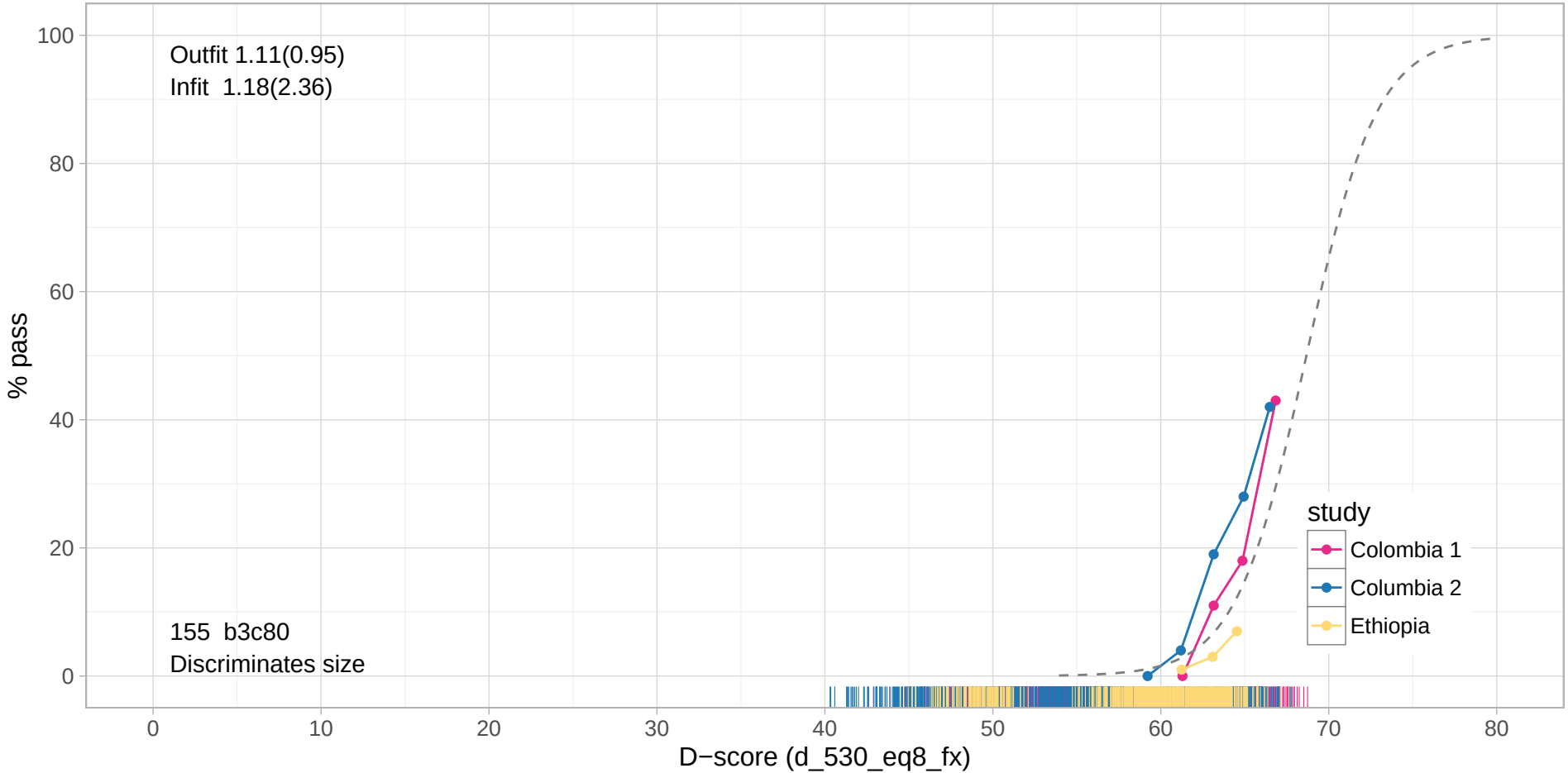

Outfit 1.01(0.17)
Infit 1.02(0.8)
150 b3c75
Matches size
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

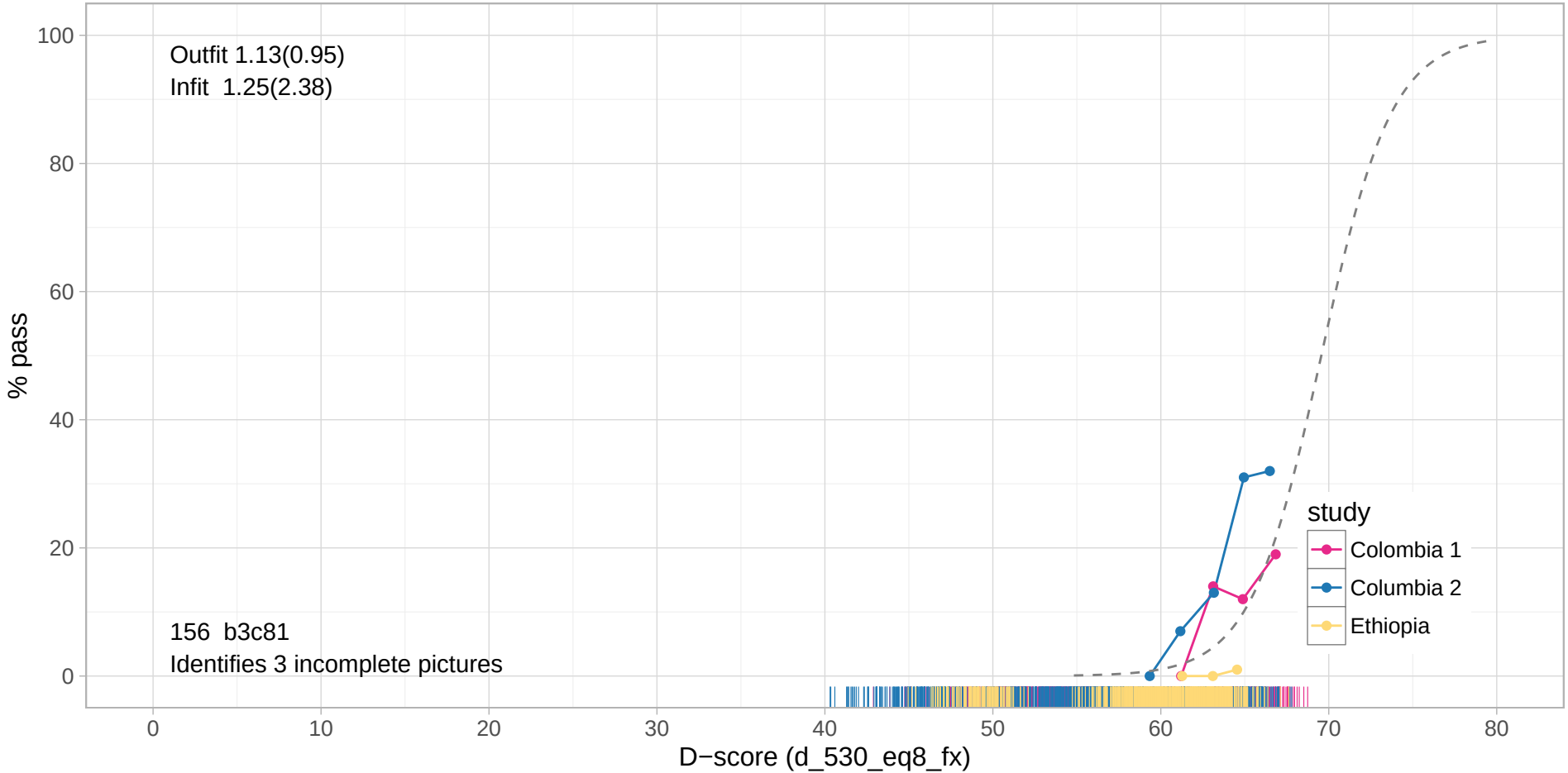

Outfit 1(−0.09)
Infit 1.01(0.48)
151 b3c76
Discriminates pictures
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

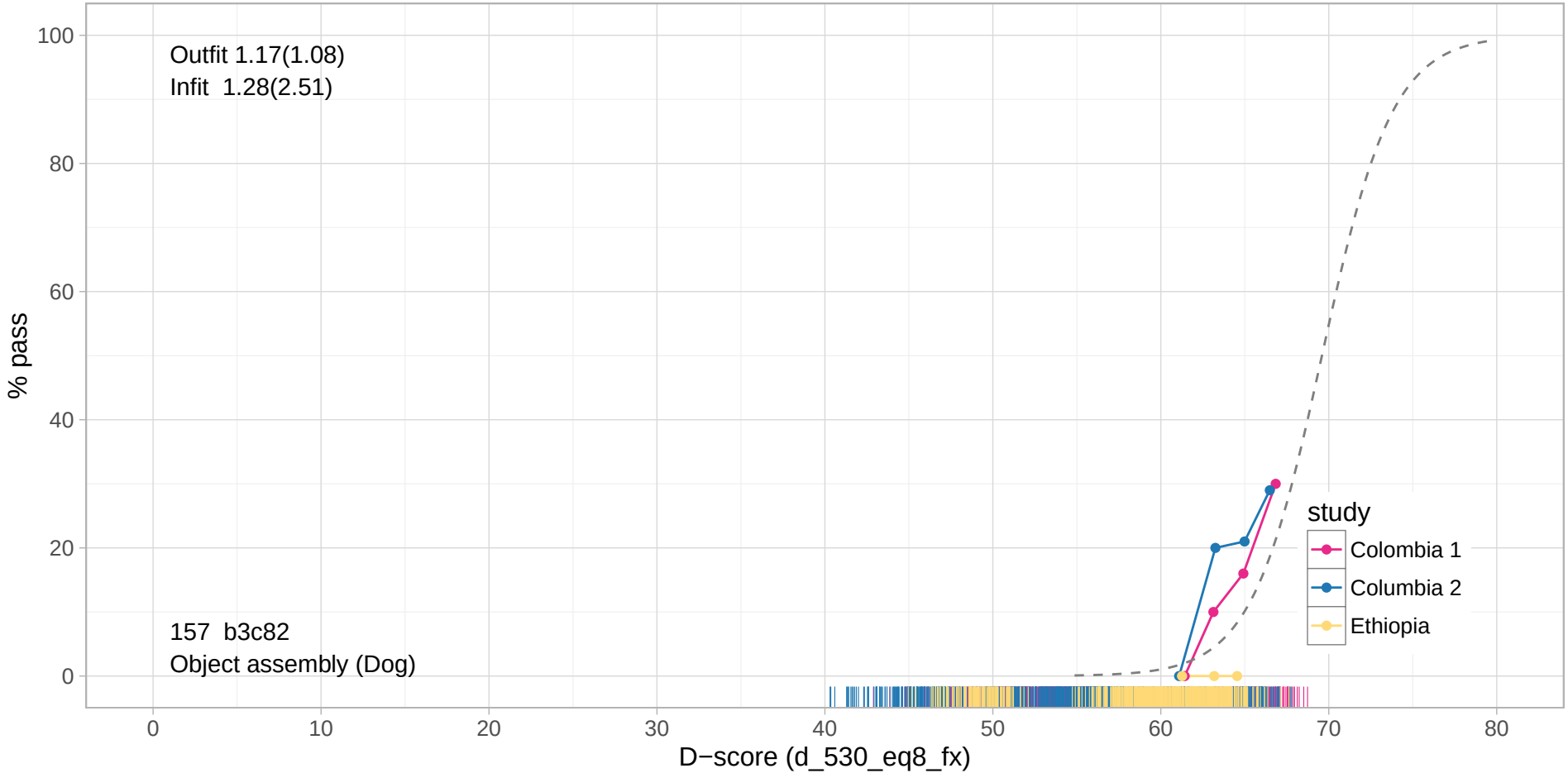

Outfit 1.27(4.42)
Infit 1.22(6.13)
152 b3c77
Simple pattern
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

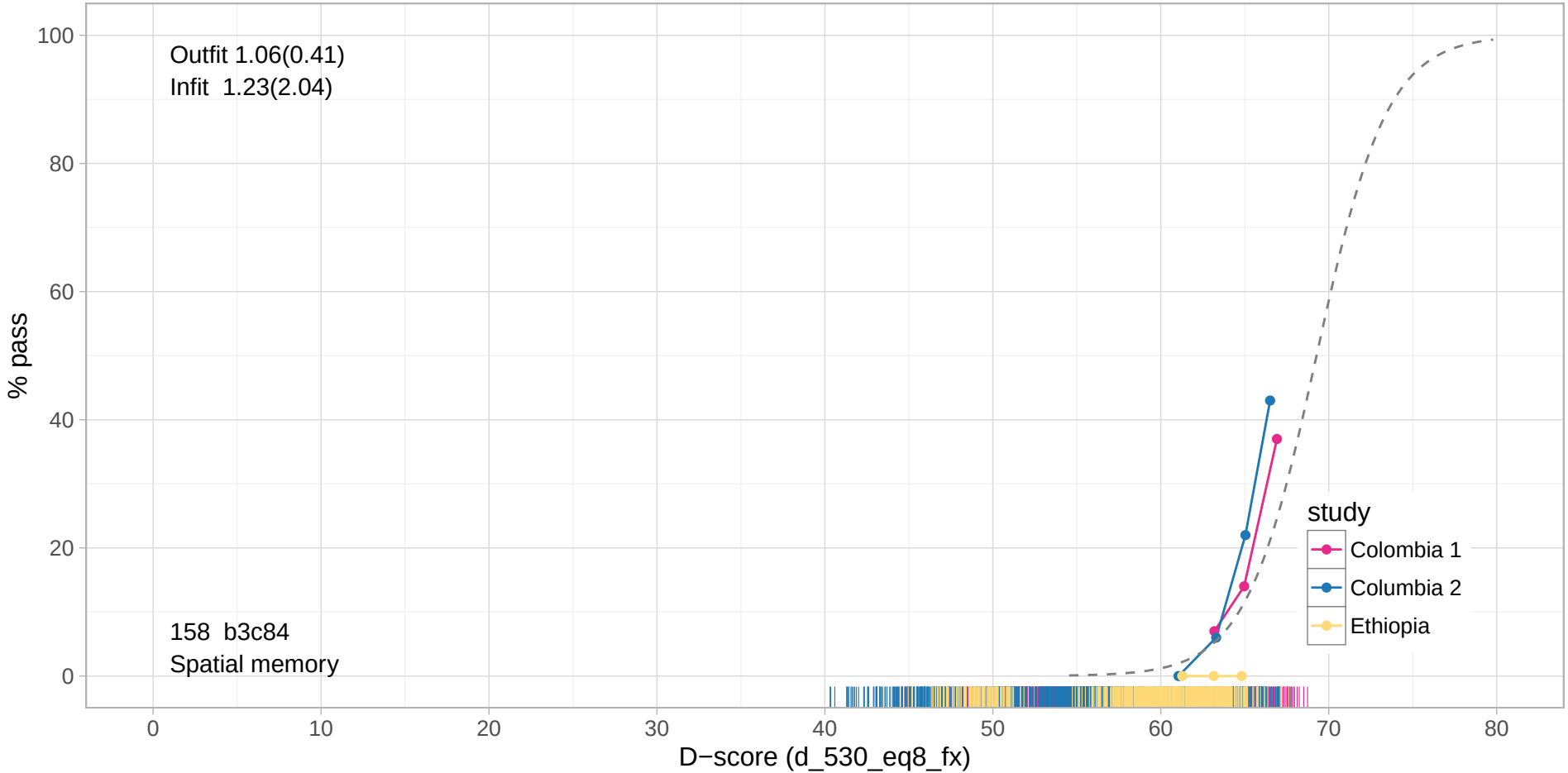

Outfit 0.96(−0.65)
Infit 1.02(0.4)
153 b3c78
Sorts pegs by colour
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

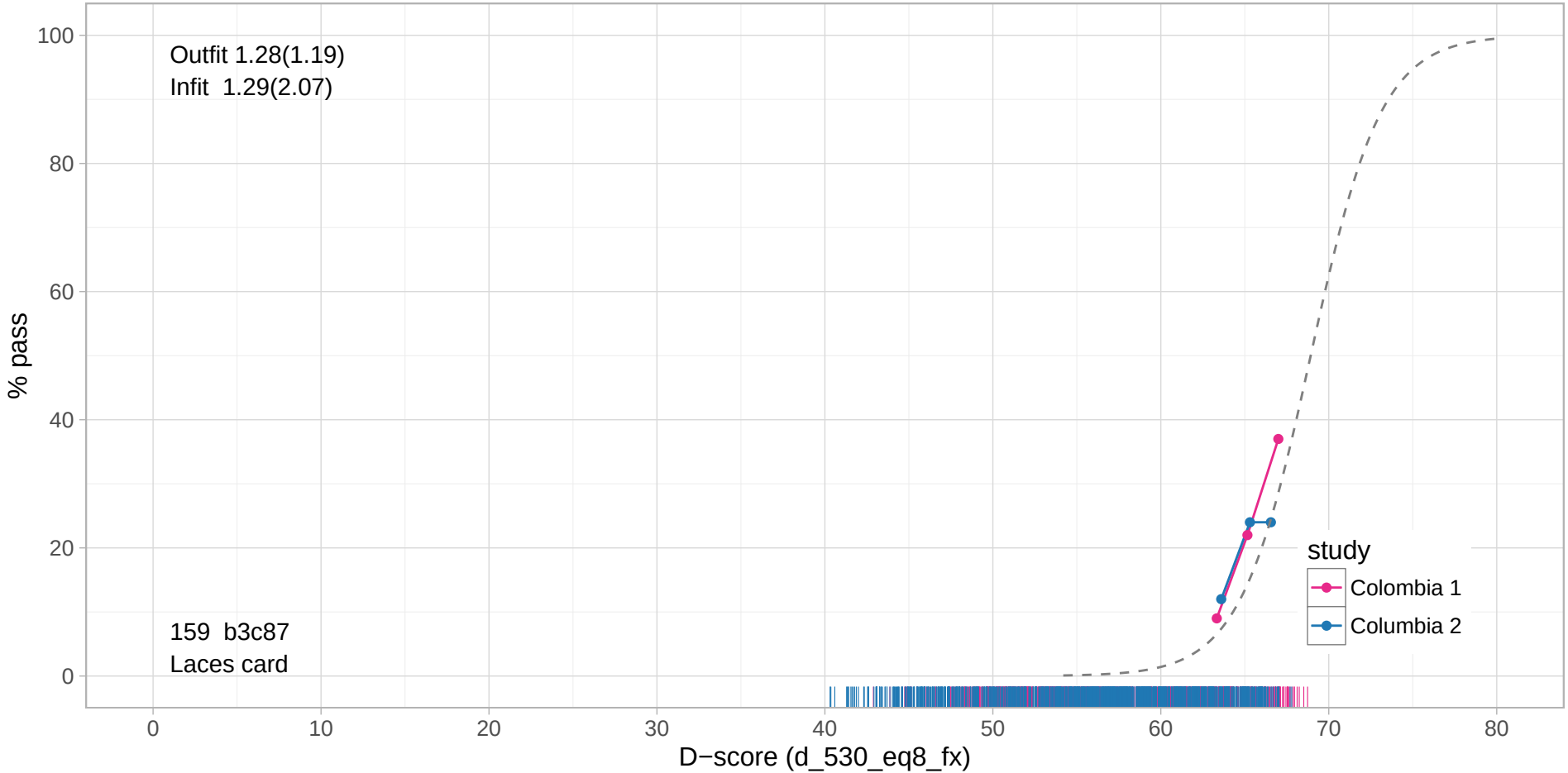

Outfit 0.92(−1.4)
Infit 0.95(−1.47)
154 b3c79
Counts (One−to−one correspondence)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

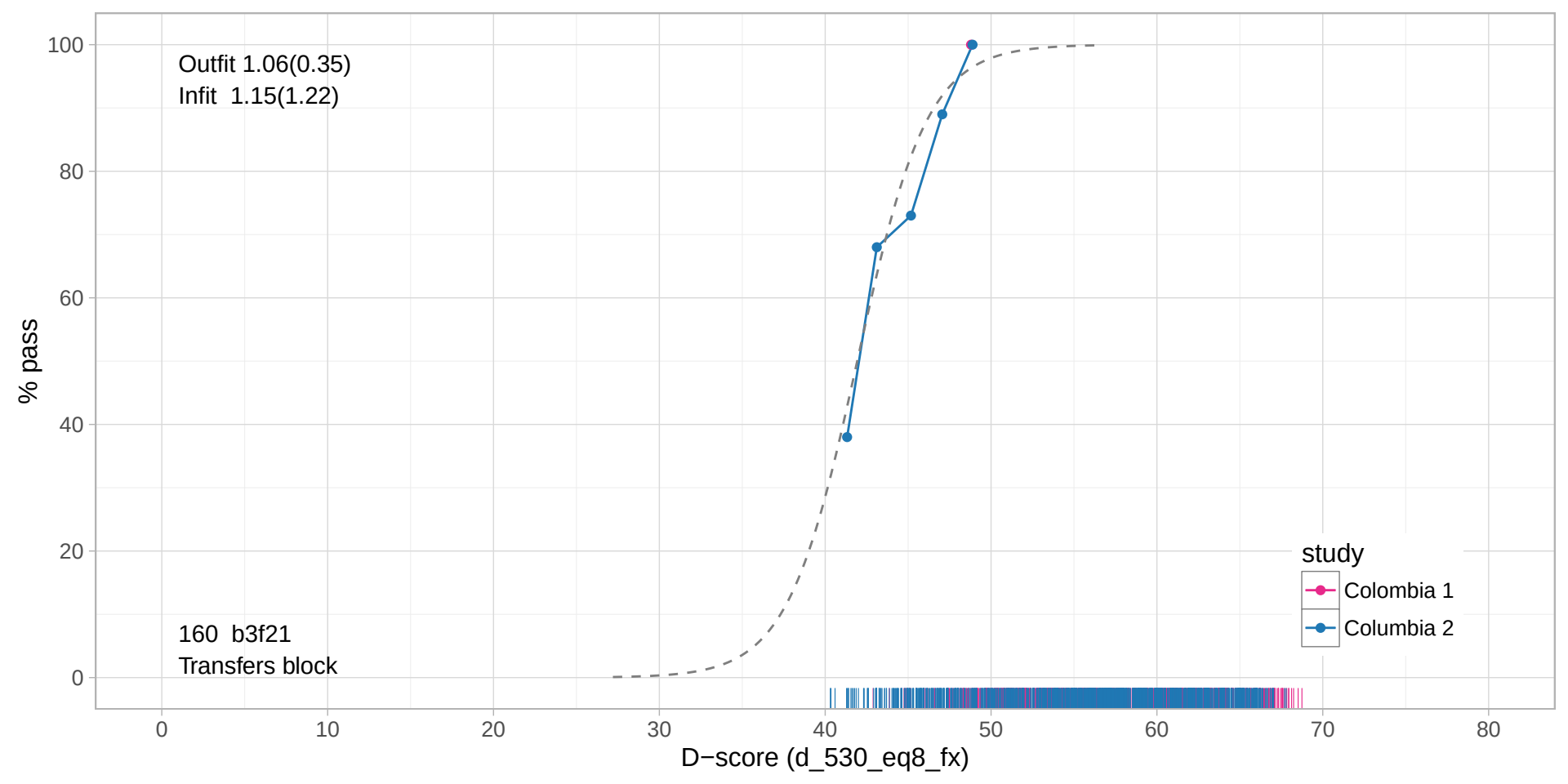

Outfit 1.11(0.95)
Infit 1.18(2.36)
155 b3c80
Discriminates size
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

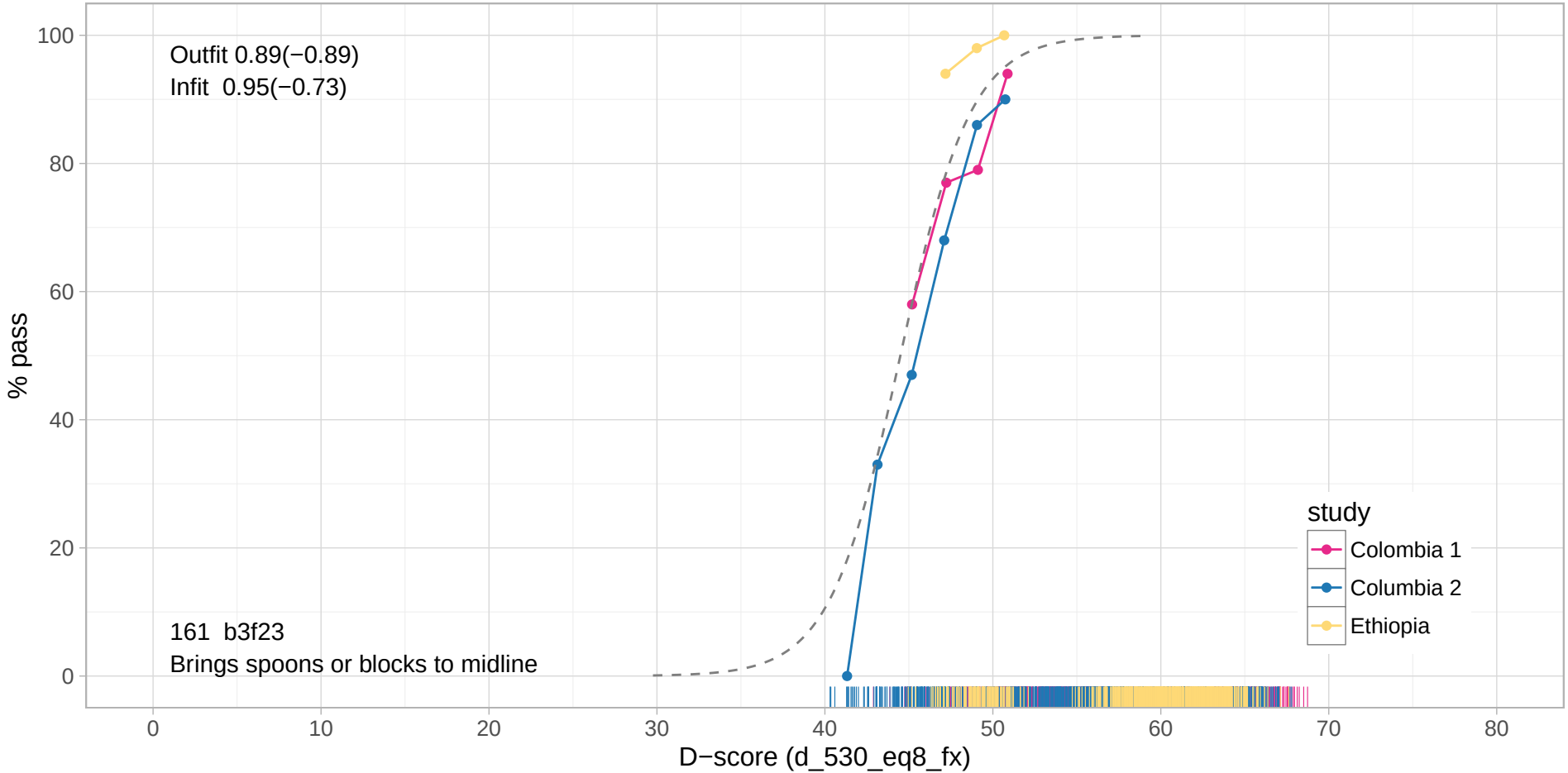

Outfit 1.13(0.95)
Infit 1.25(2.38)
156 b3c81
Identifies 3 incomplete pictures
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

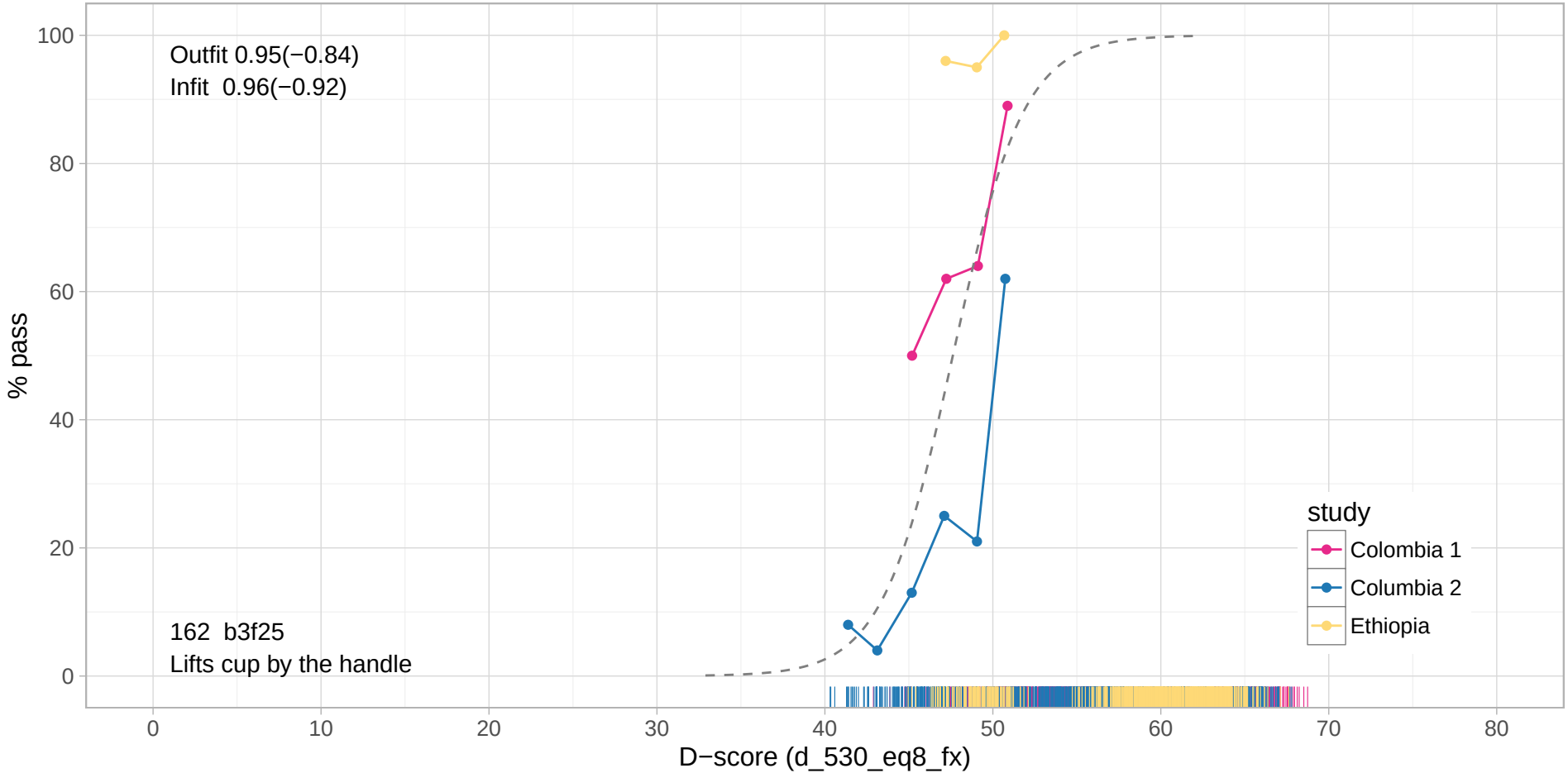

Outfit 1.17(1.08)
Infit 1.28(2.51)
157 b3c82
Object assembly (Dog)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

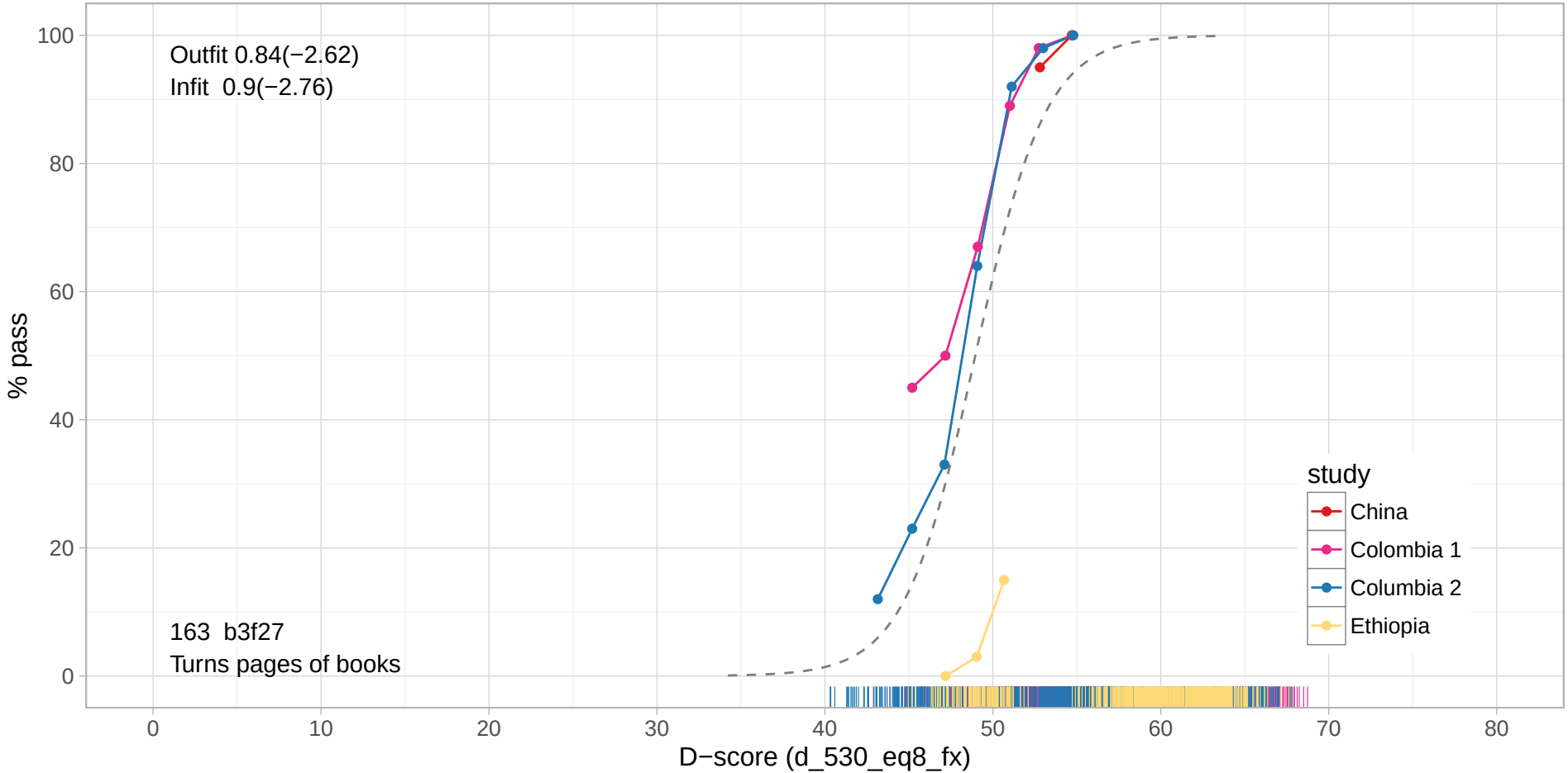

Outfit 1.06(0.41)
Infit 1.23(2.04)
158 b3c84
Spatial memory
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

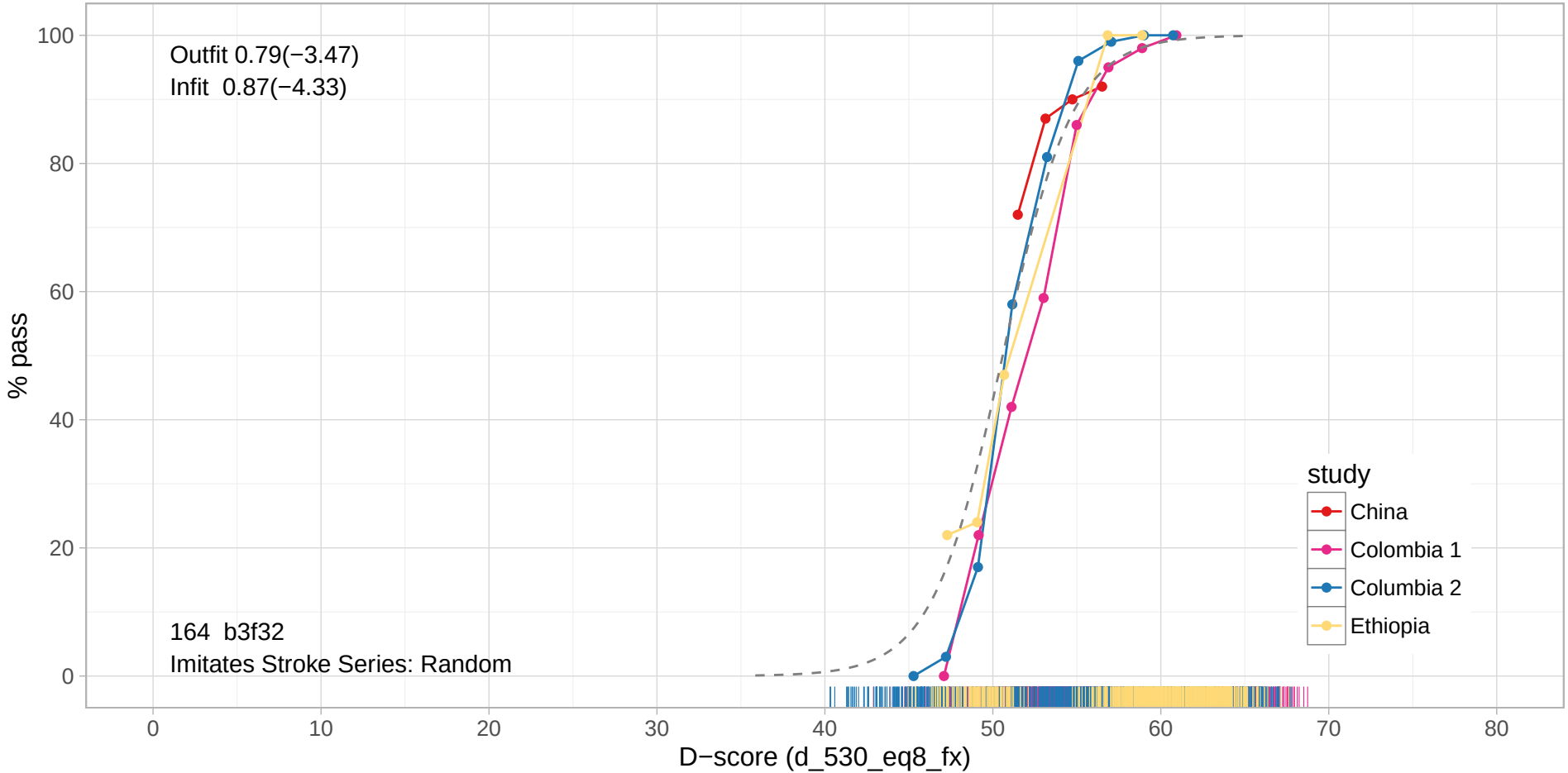

Outfit 1.28(1.19)
Infit 1.29(2.07)
159 b3c87
Laces card
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2

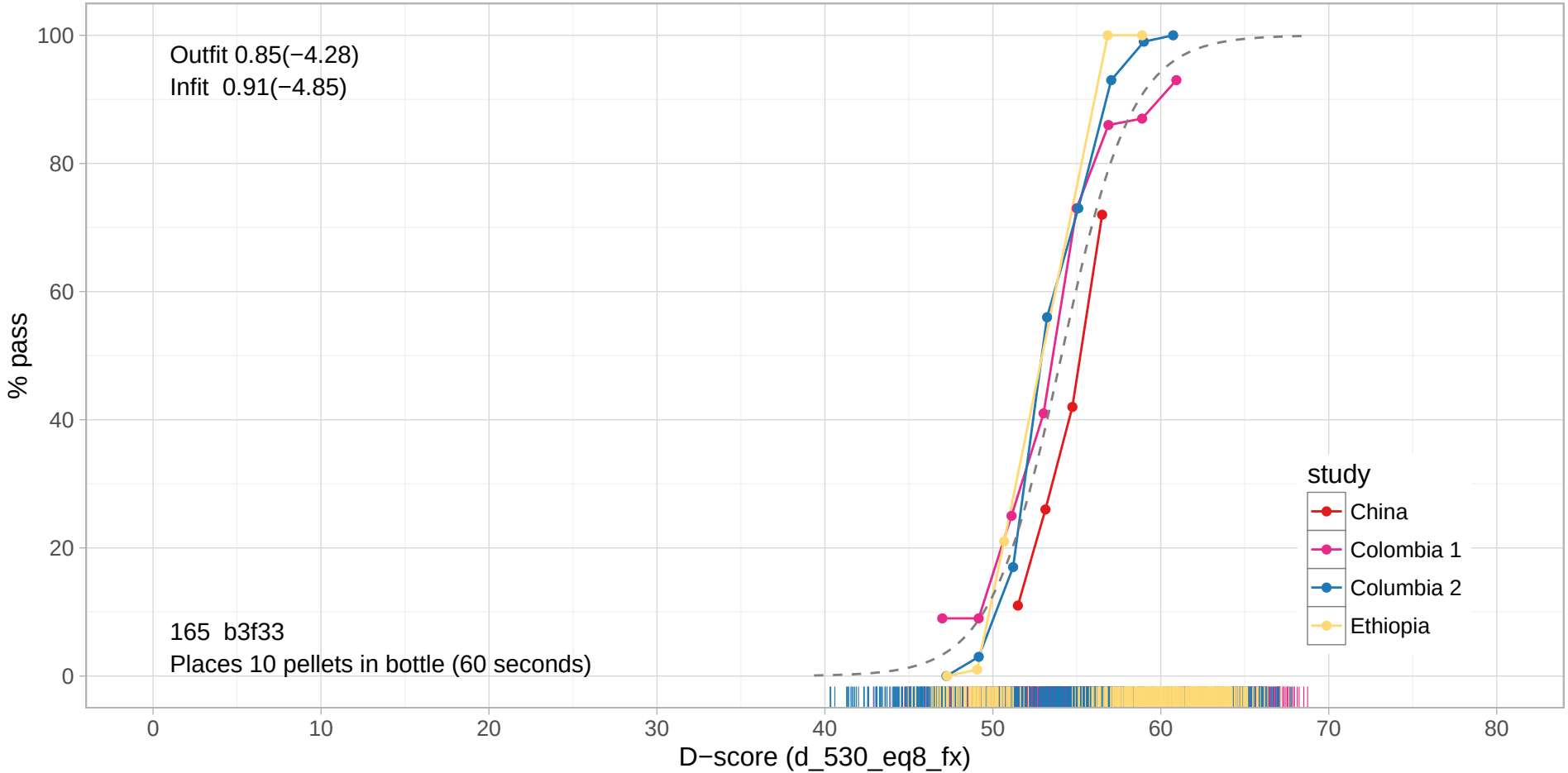

Outfit 1.06(0.35)
Infit 1.15(1.22)
160 b3f21
Transfers block
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2

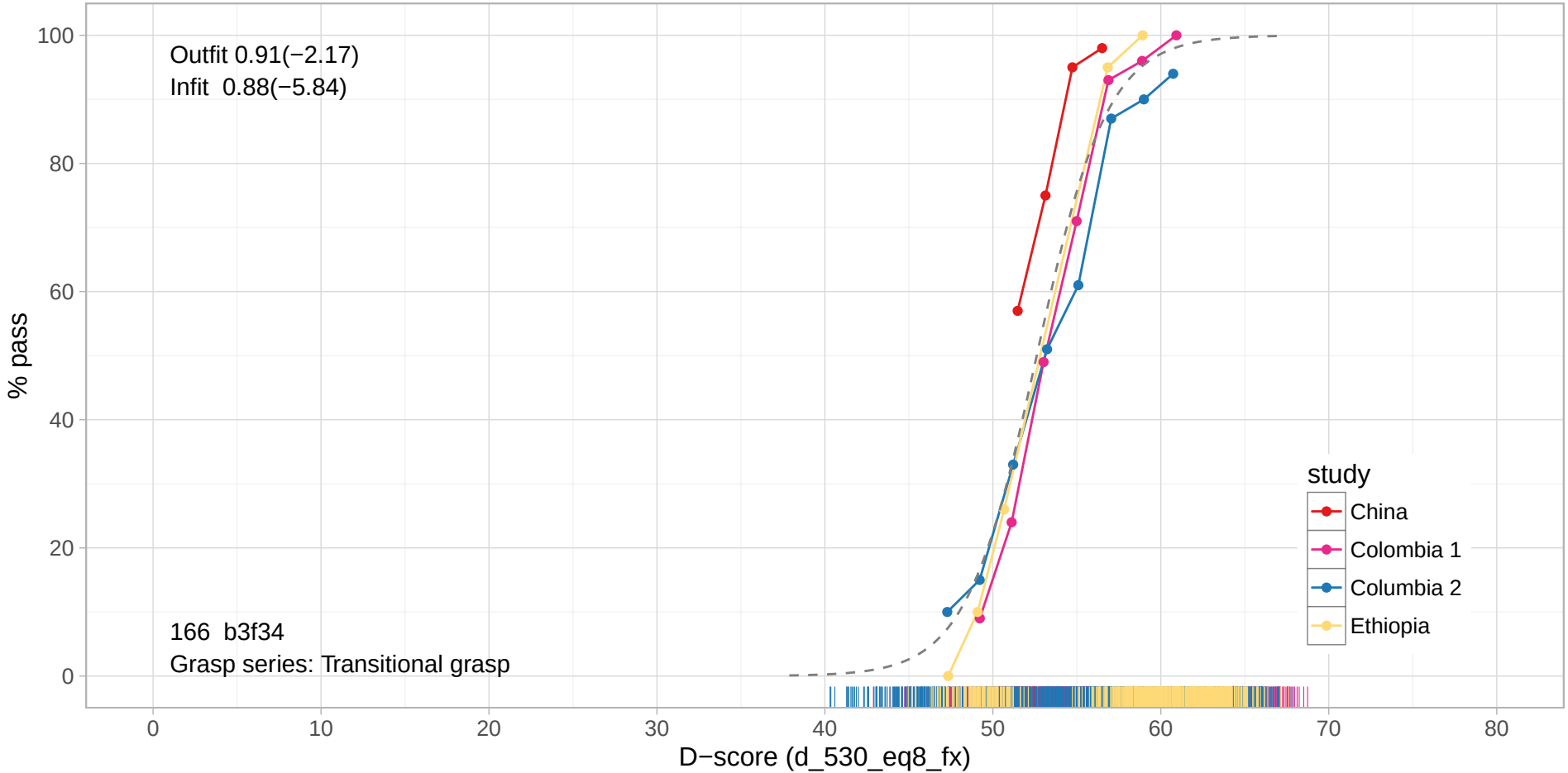

Outfit 0.89(−0.89)
Infit 0.95(−0.73)
161 b3f23
Brings spoons or blocks to midline
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

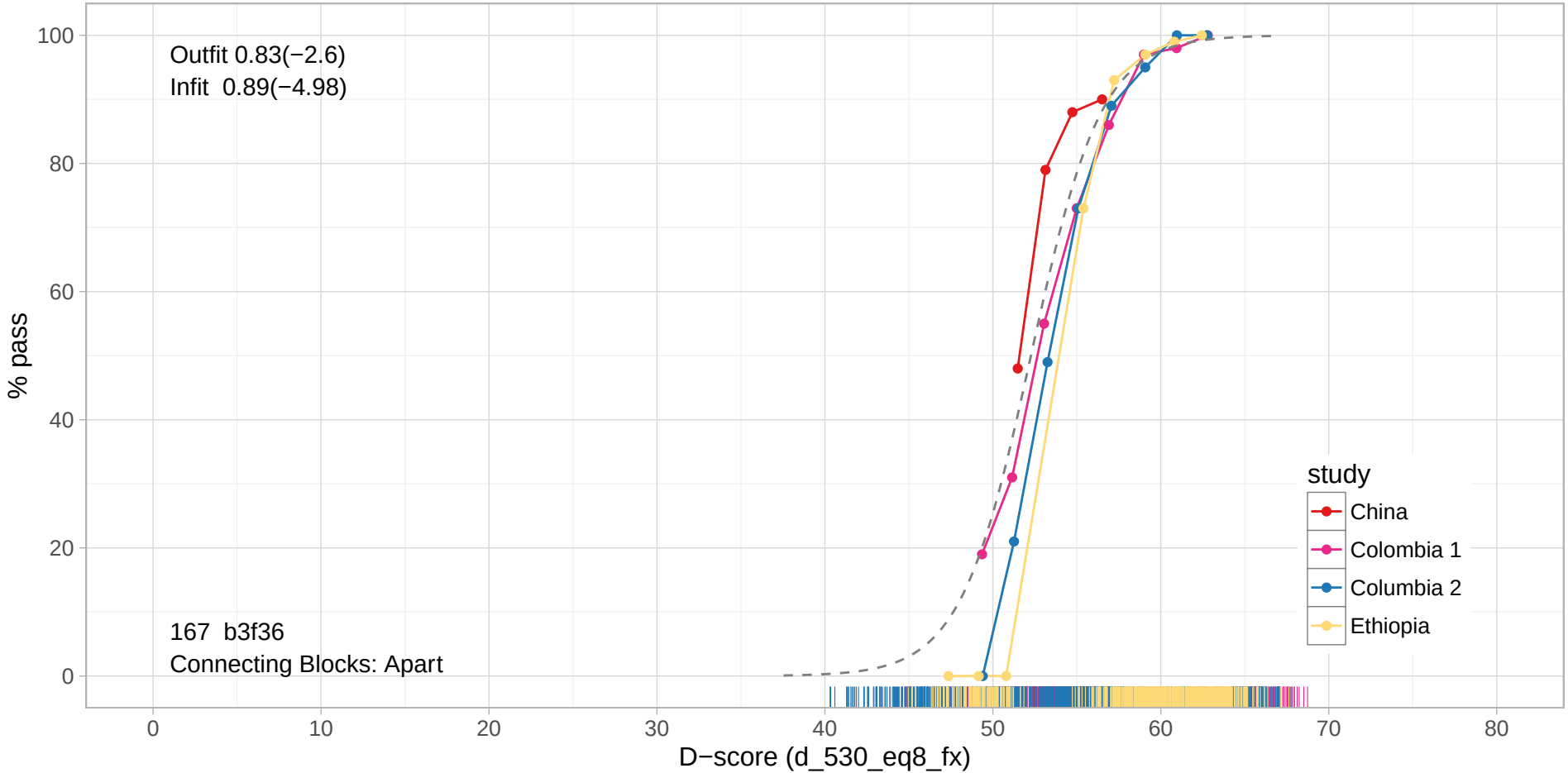

Outfit 0.95(−0.84)
Infit 0.96(−0.92)
162 b3f25
Lifts cup by the handle
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

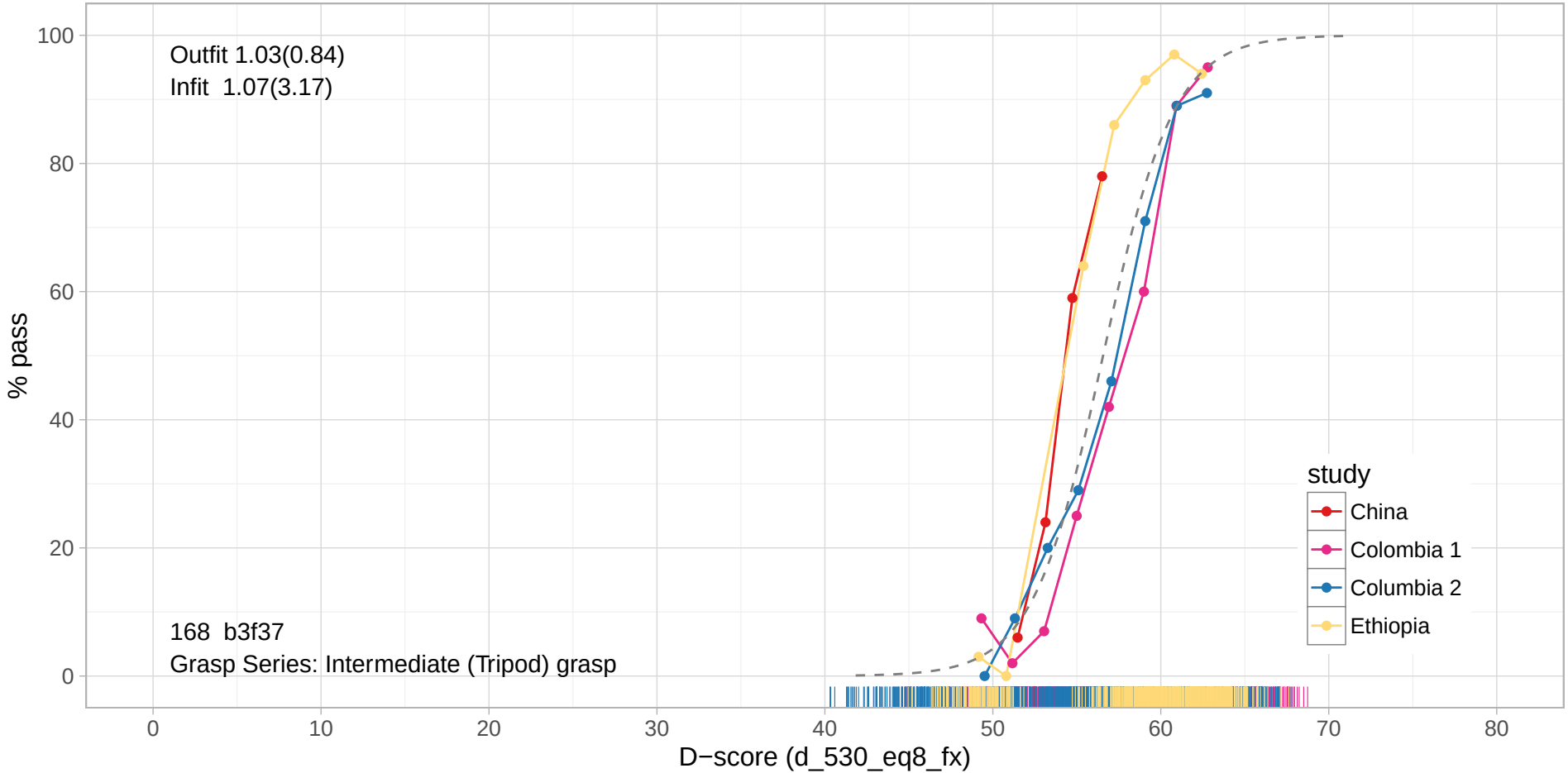

Outfit 0.84(−2.62)
Infit 0.9(−2.76)
163 b3f27
Turns pages of books
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia

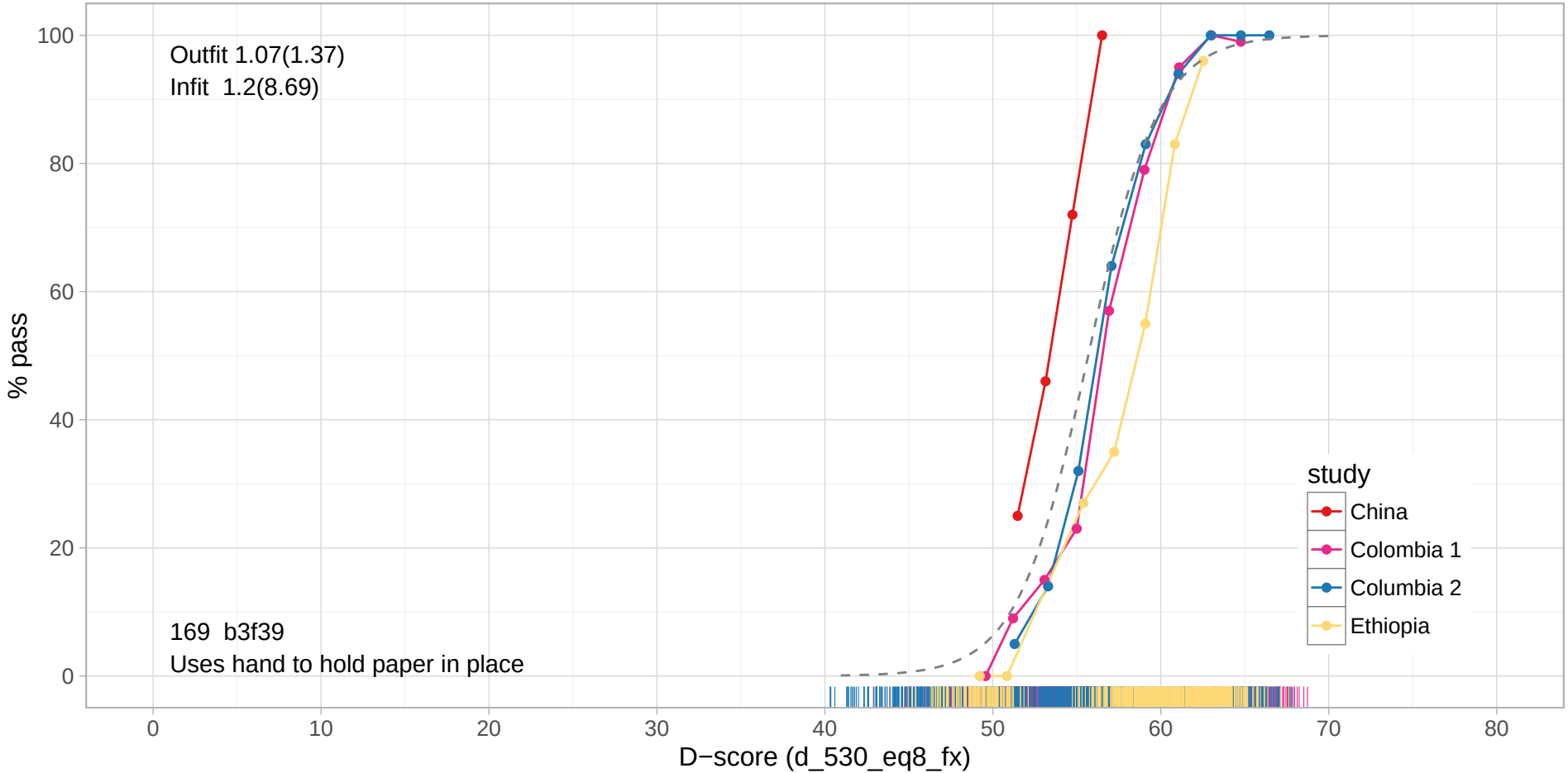

Outfit 0.79(−3.47)
Infit 0.87(−4.33)
164 b3f32
Imitates Stroke Series: Random
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia

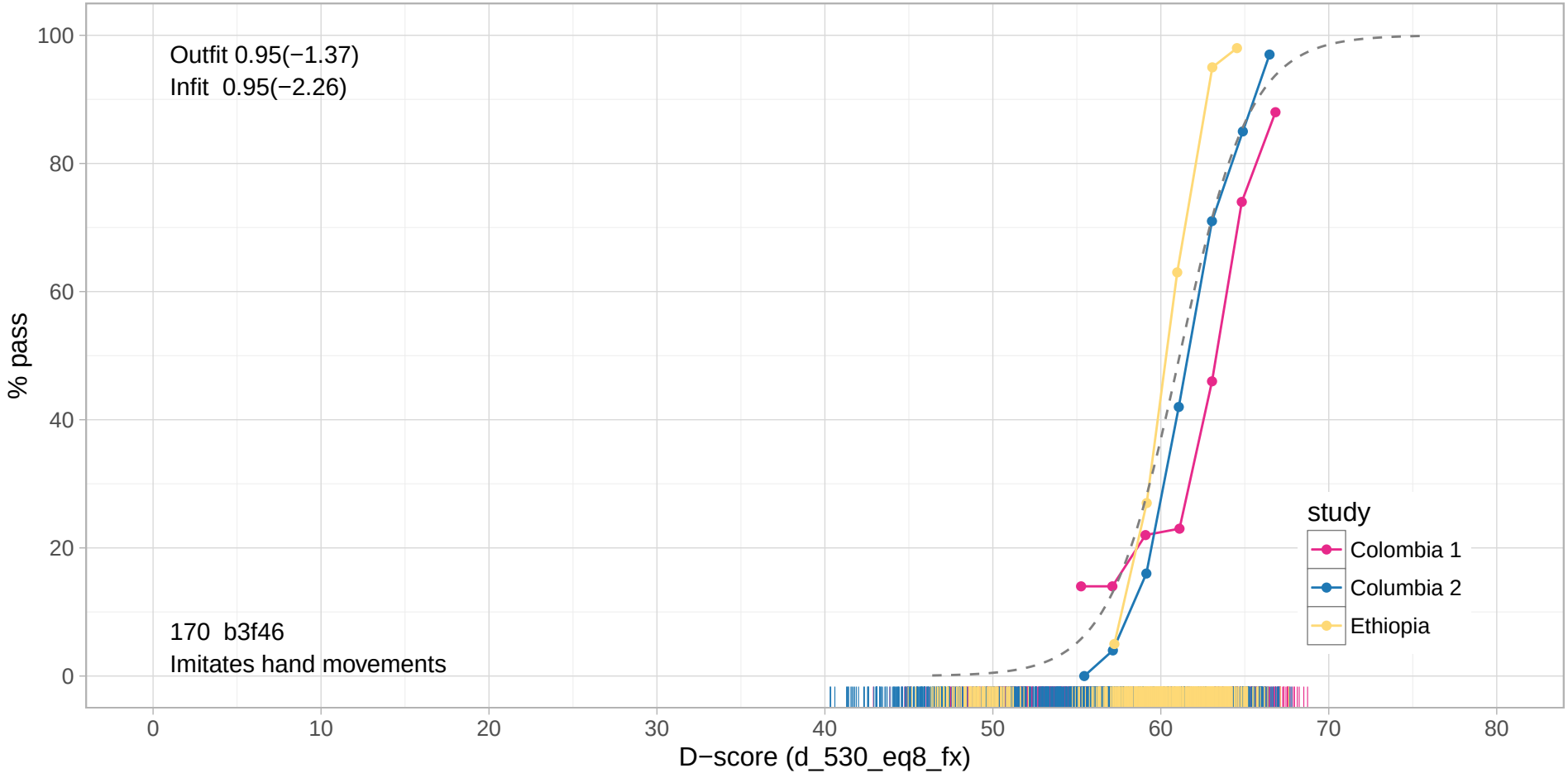

Outfit 0.85(−4.28)
Infit 0.91(−4.85)
165 b3f33
Places 10 pellets in bottle (60 seconds)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia

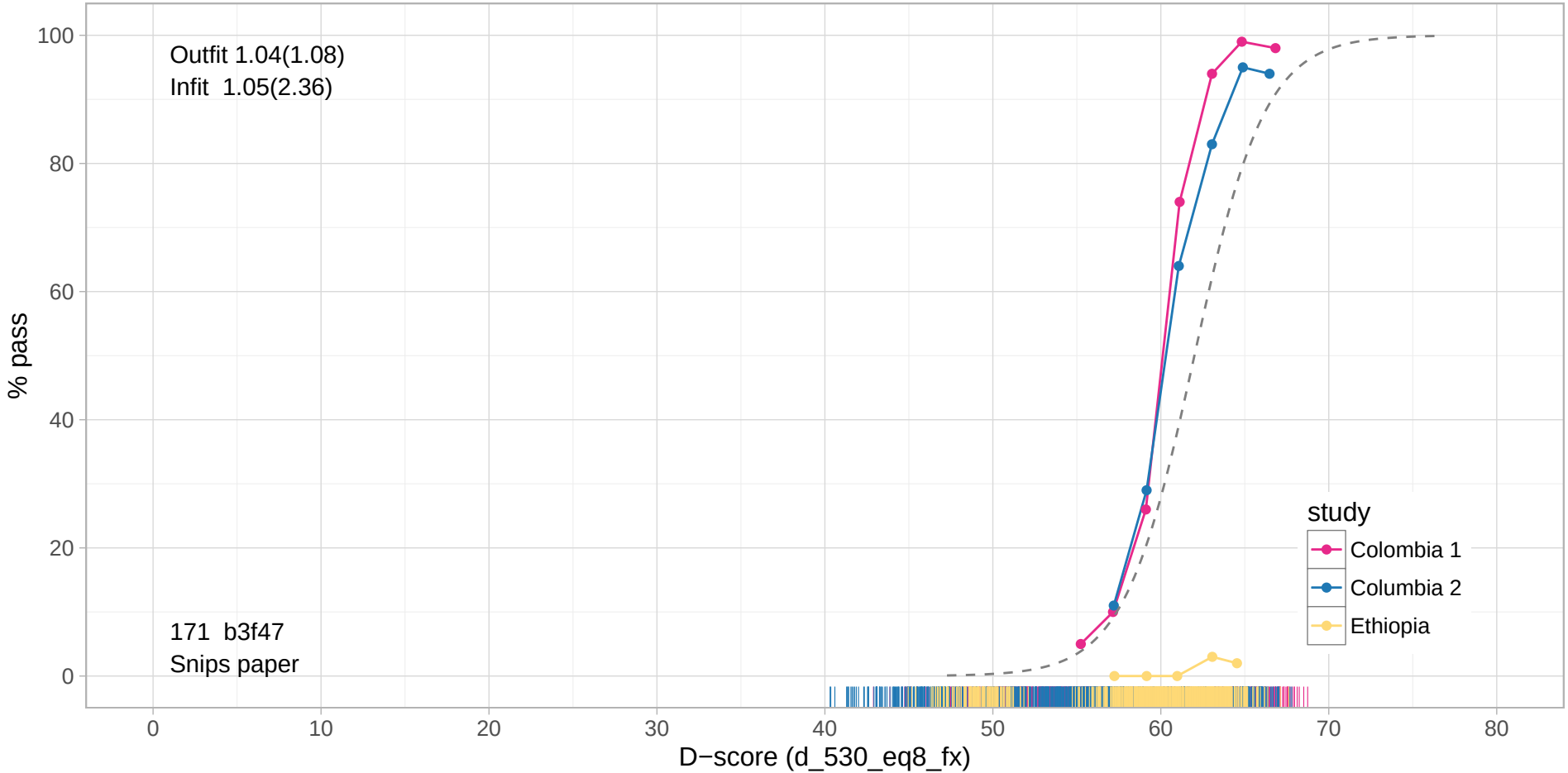

Outfit 0.91(−2.17)
Infit 0.88(−5.84)
166 b3f34
Grasp series: Transitional grasp
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

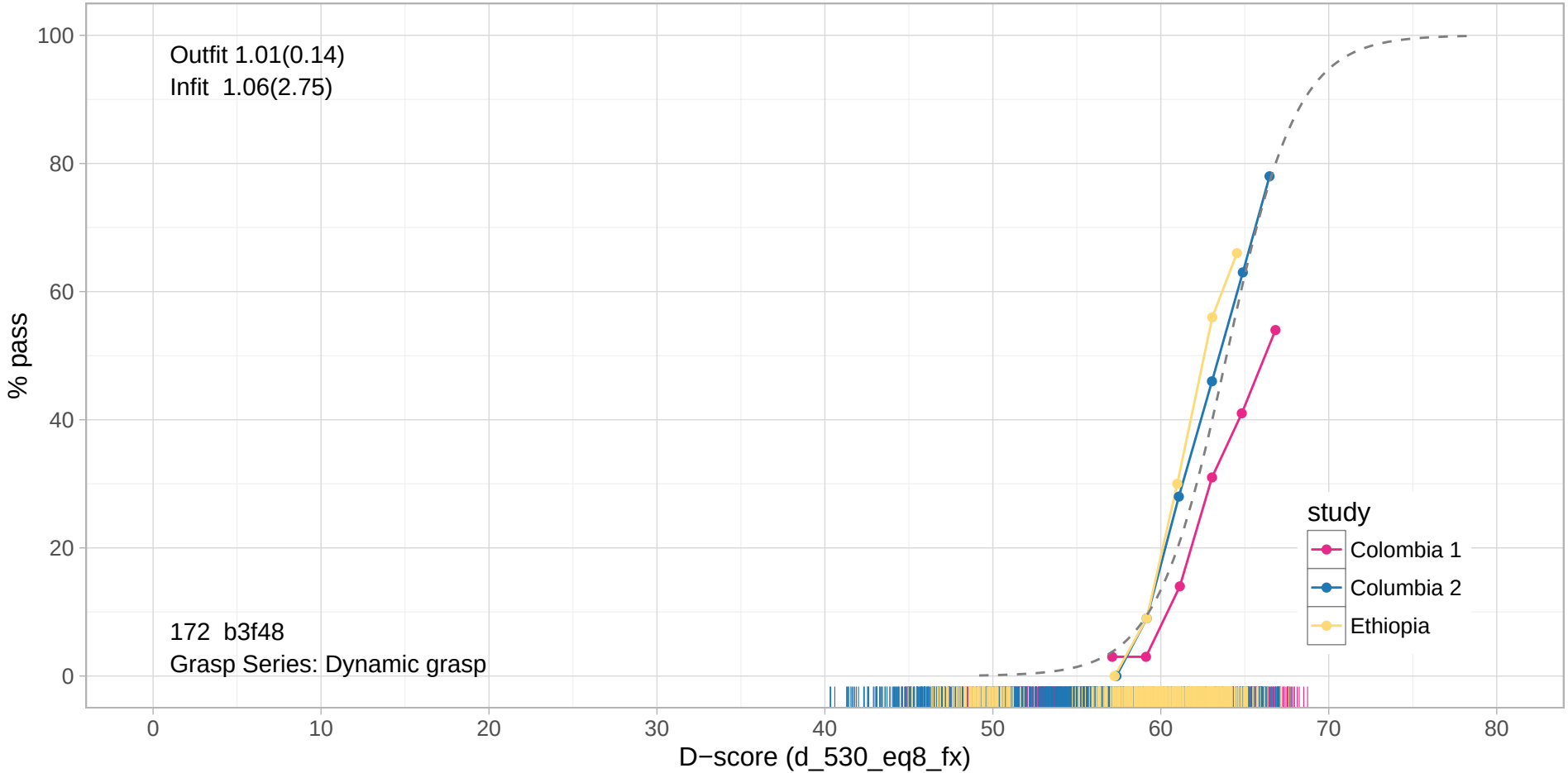

Outfit 0.83(−2.6)
Infit 0.89(−4.98)
167 b3f36
Connecting Blocks: Apart
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

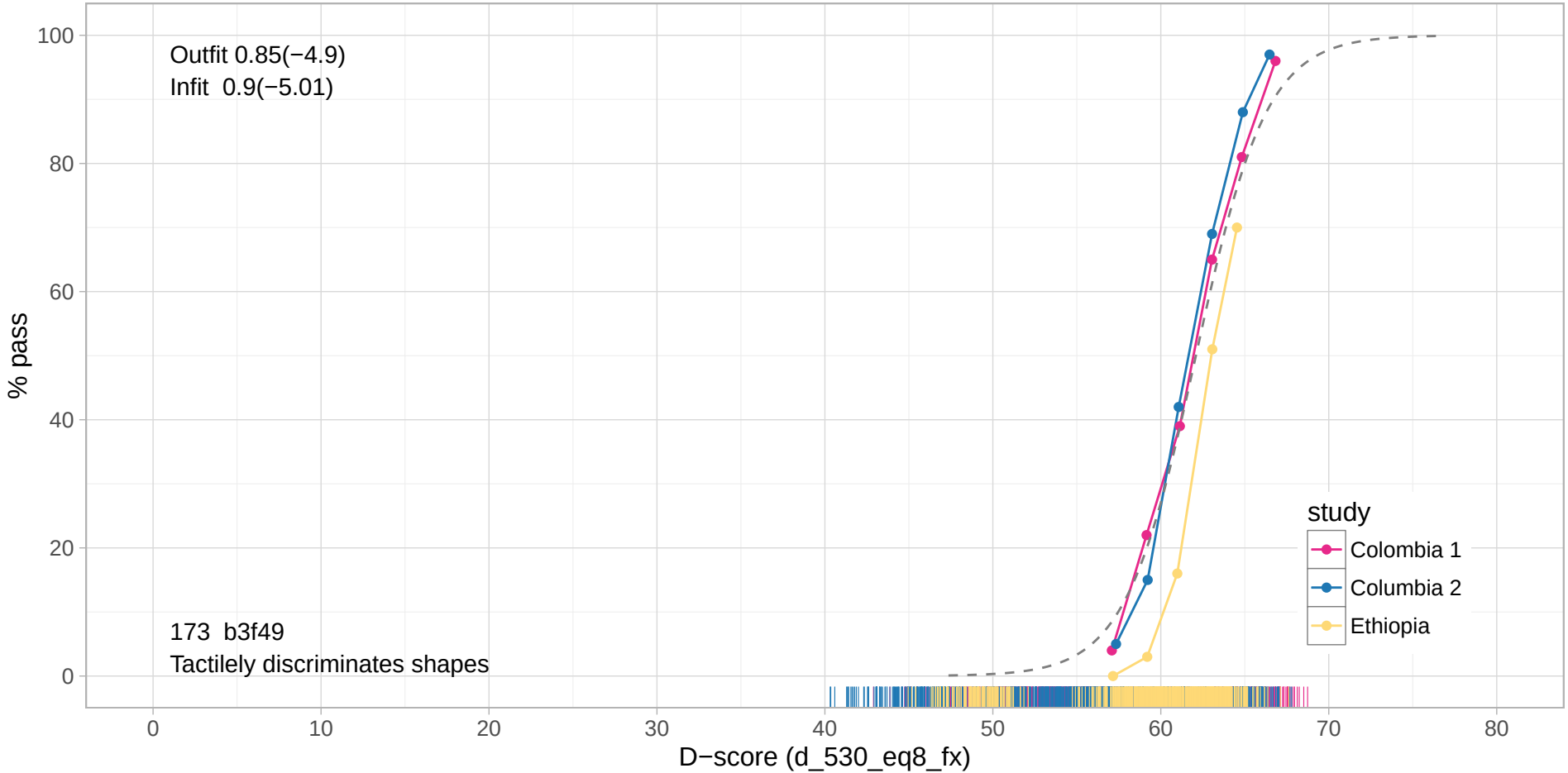

Outfit 1.03(0.84)
Infit 1.07(3.17)
168 b3f37
Grasp Series: Intermediate (Tripod) grasp
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

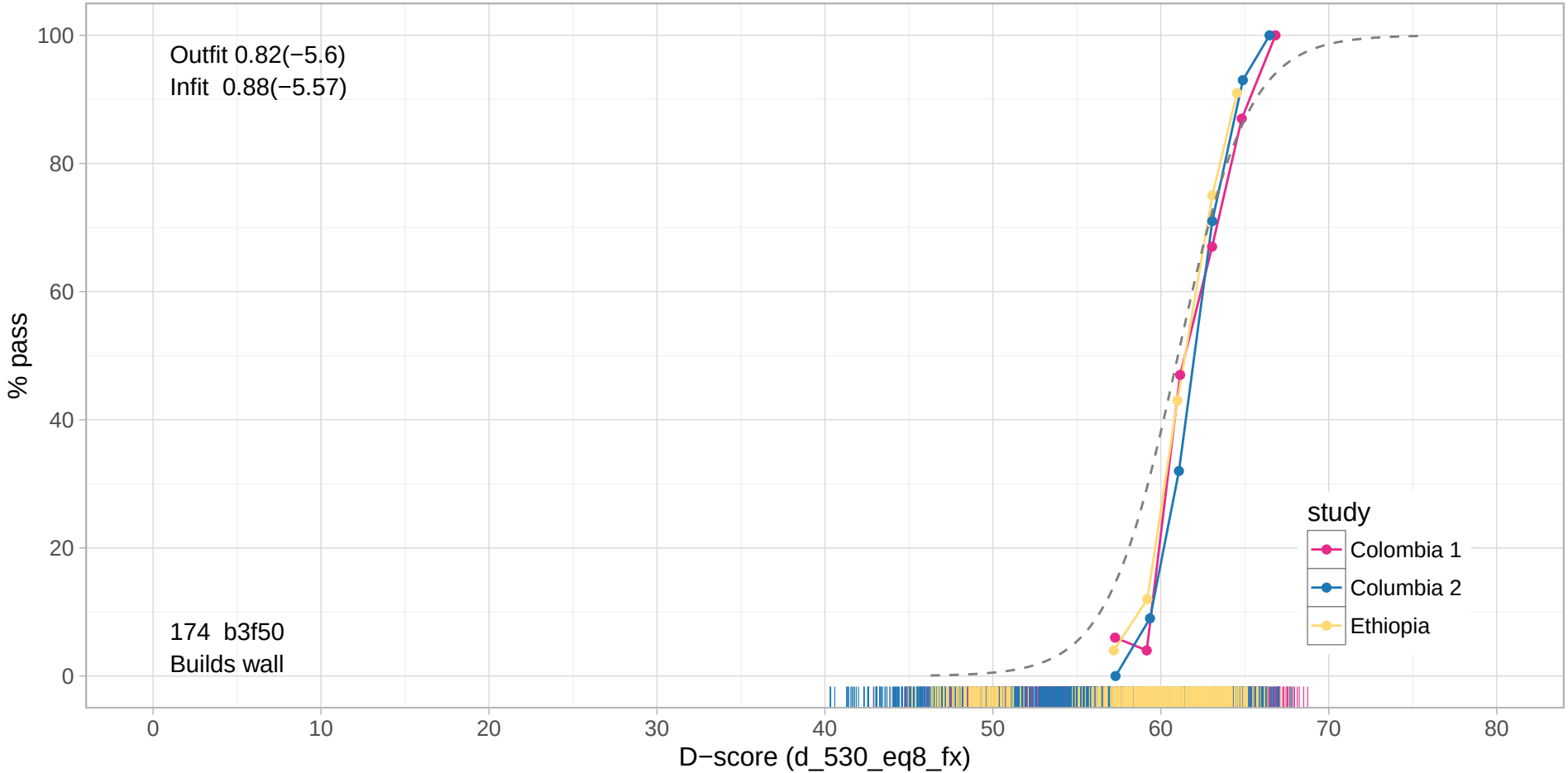

Outfit 1.07(1.37)
Infit 1.2(8.69)
169 b3f39
Uses hand to hold paper in place
% pass
D−score (d_530_eq8_fx)
study
China
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

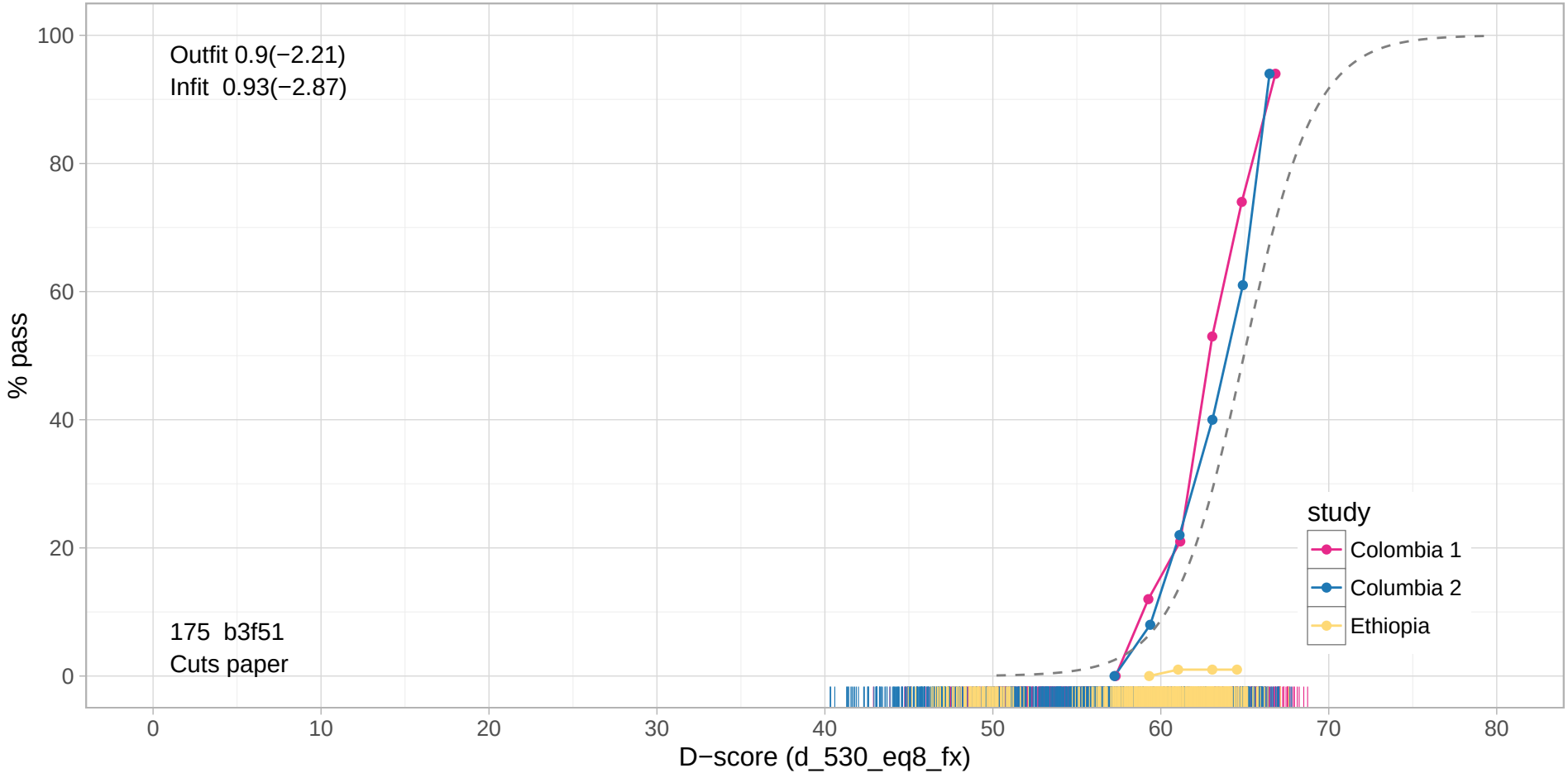

Outfit 0.95(−1.37)
Infit 0.95(−2.26)
170 b3f46
Imitates hand movements
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

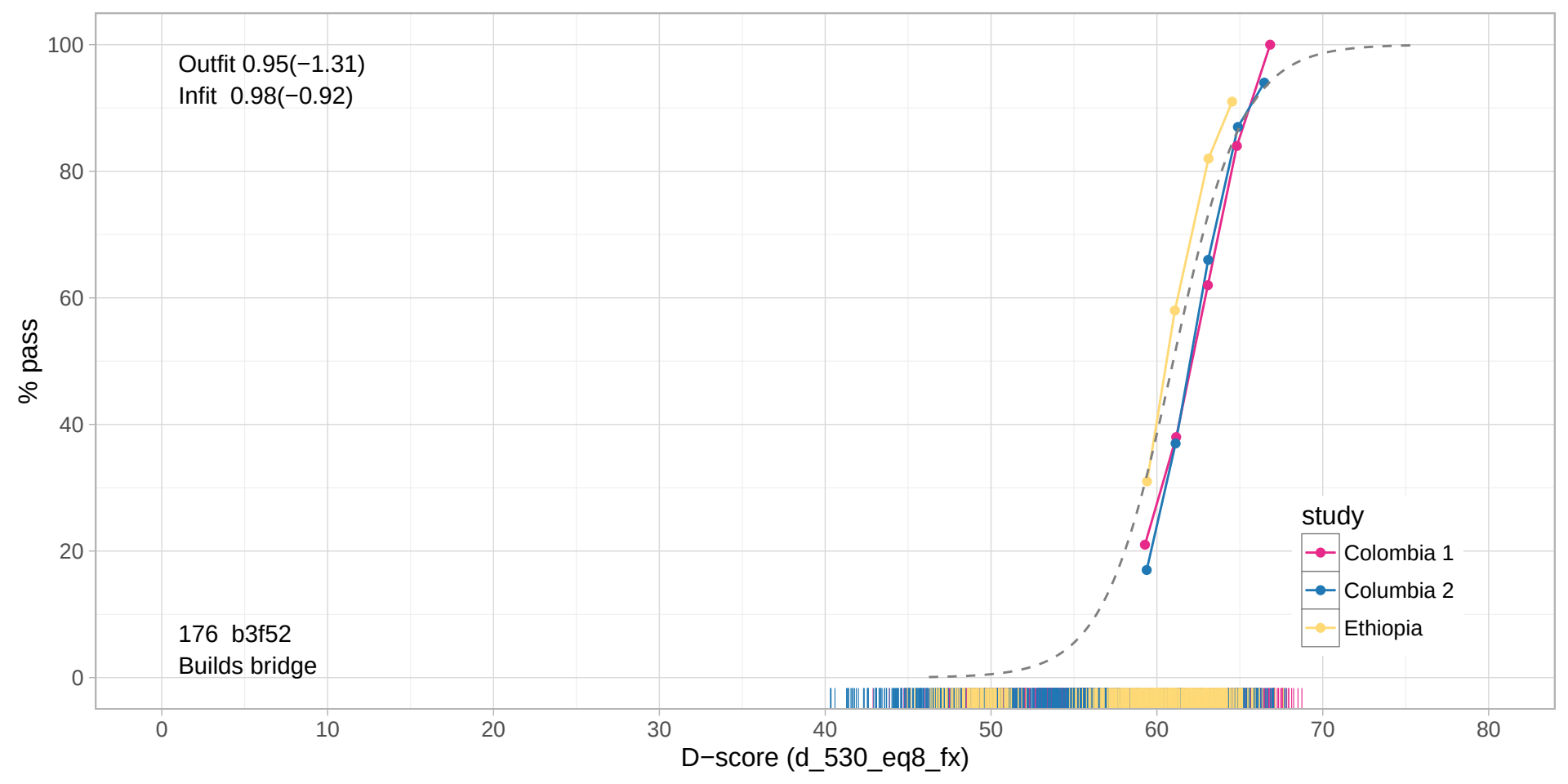

Outfit 1.04(1.08)
Infit 1.05(2.36)
171 b3f47
Snips paper
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

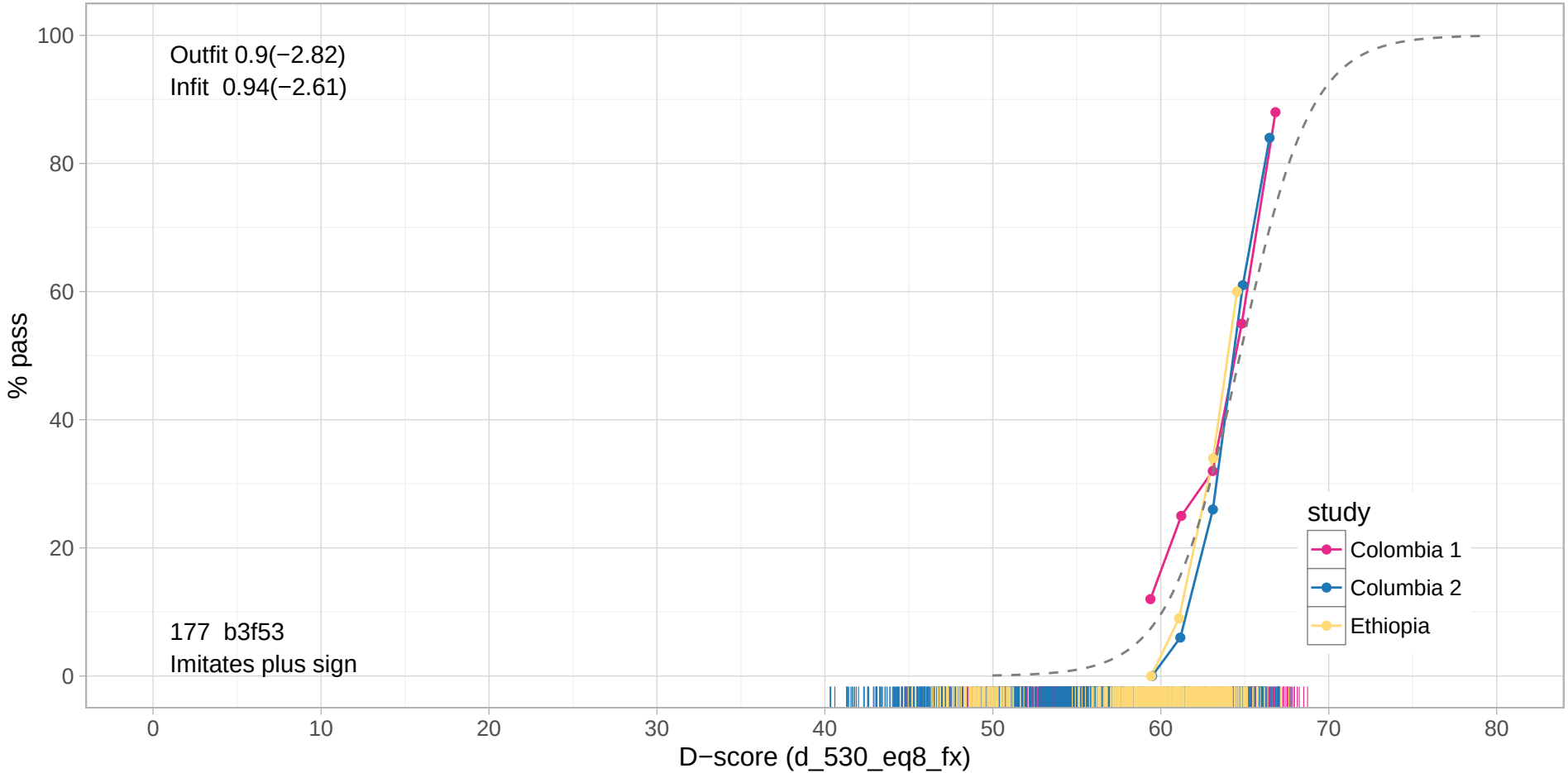

Outfit 1.01(0.14)
Infit 1.06(2.75)
172 b3f48
Grasp Series: Dynamic grasp
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

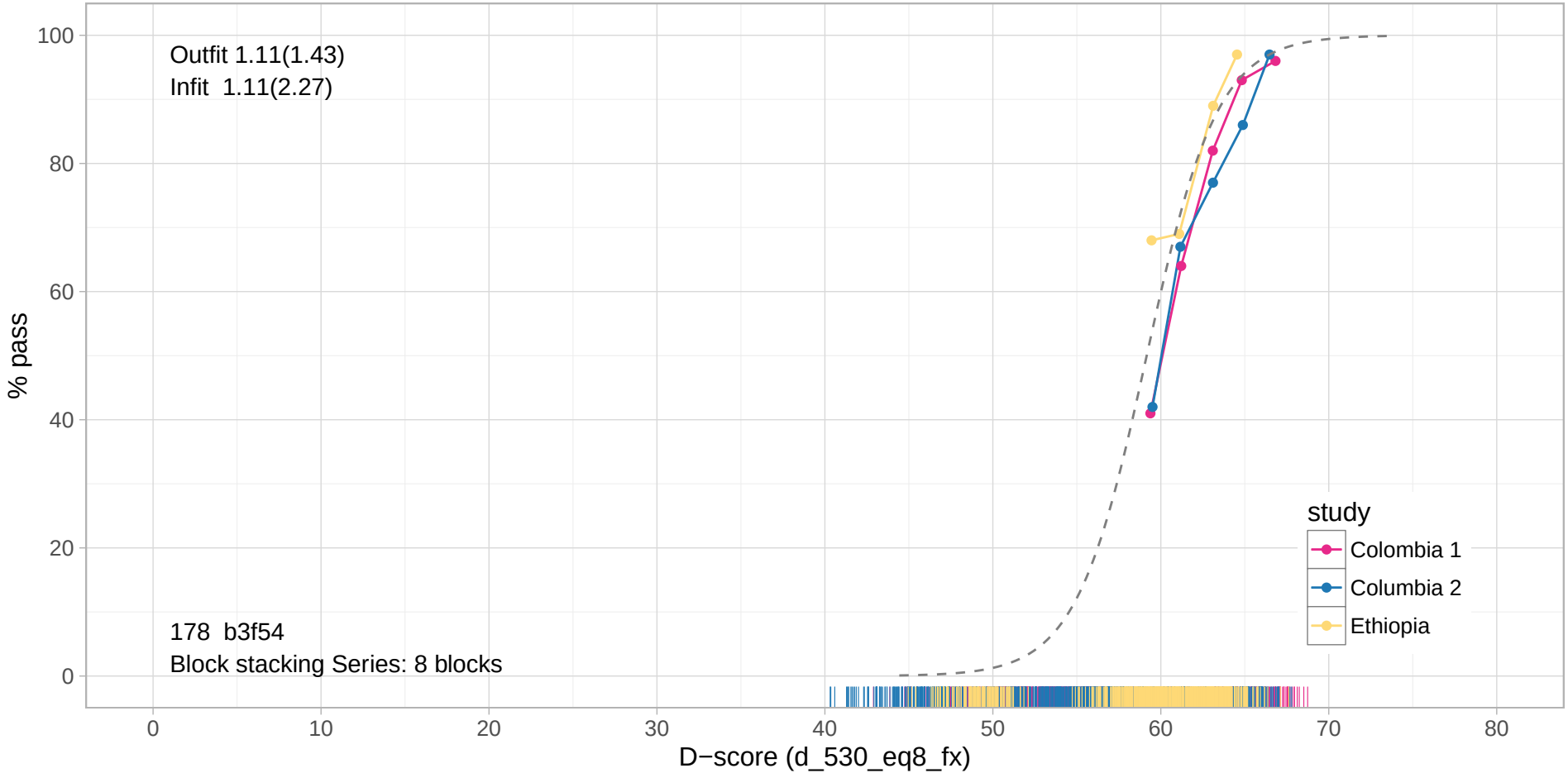

Outfit 0.85(−4.9)
Infit 0.9(−5.01)
173 b3f49
Tactilely discriminates shapes
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

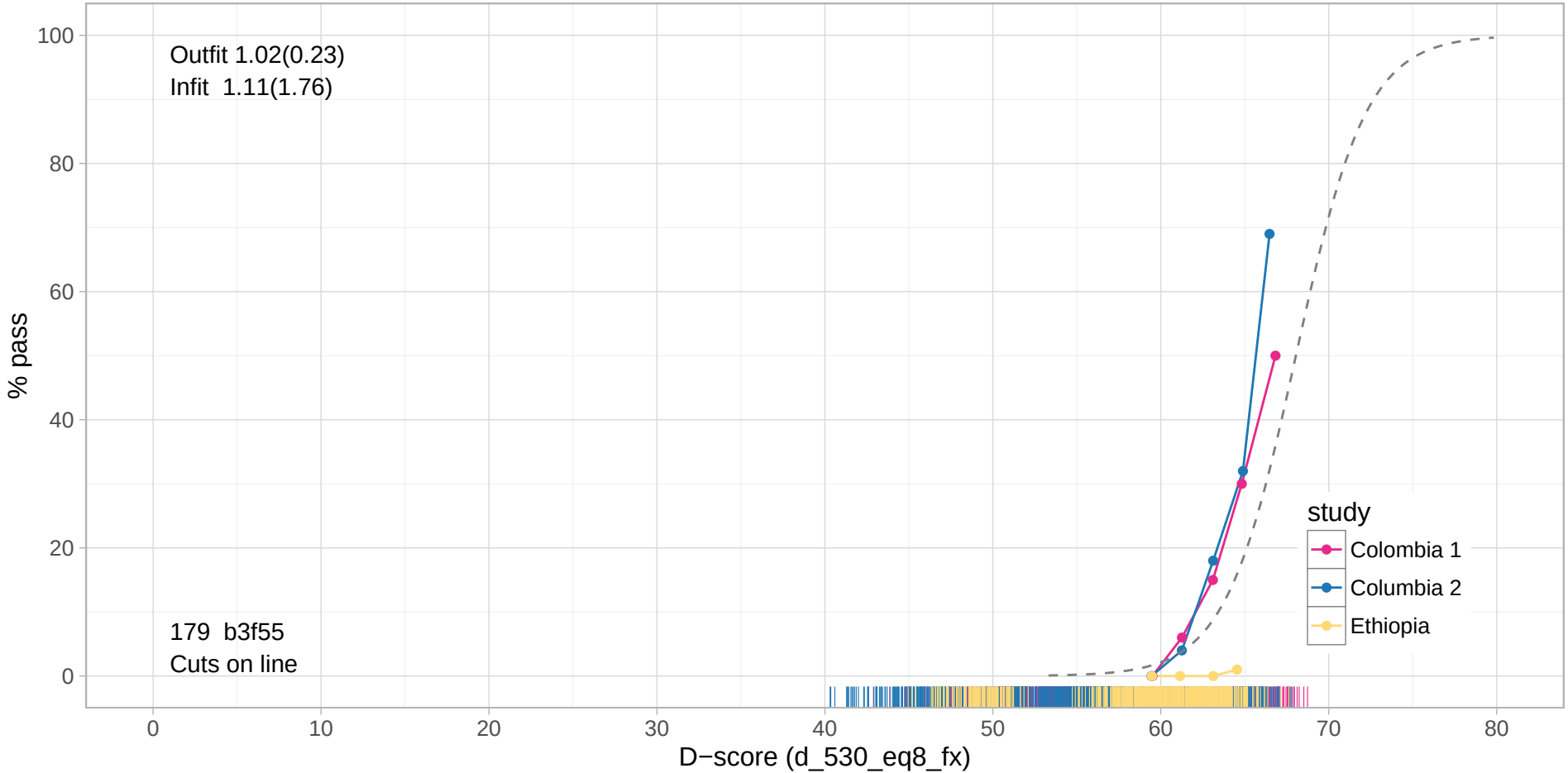

Outfit 0.82(−5.6)
Infit 0.88(−5.57)
174 b3f50
Builds wall
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

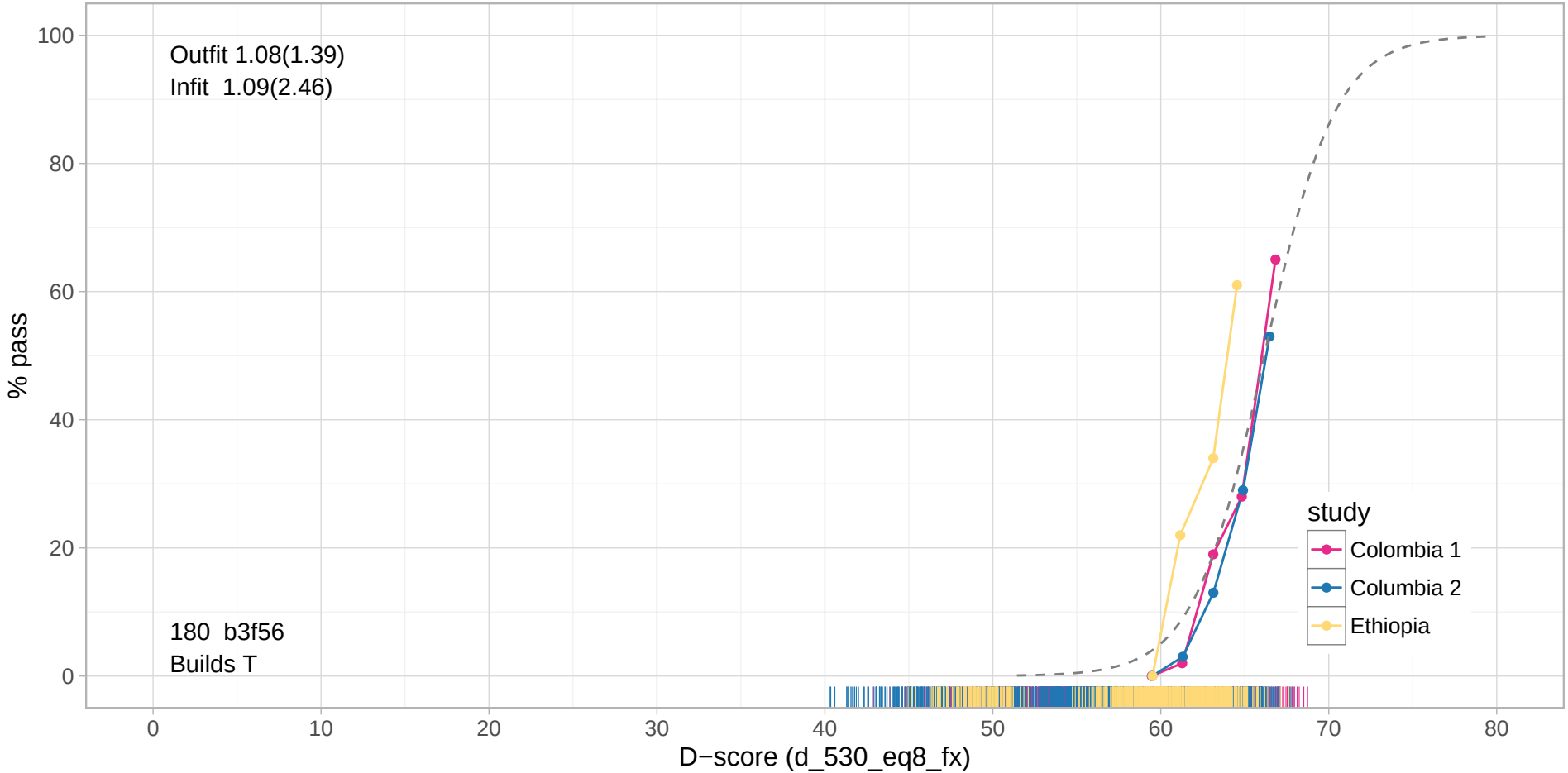

Outfit 0.9(−2.21)
Infit 0.93(−2.87)
175 b3f51
Cuts paper
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

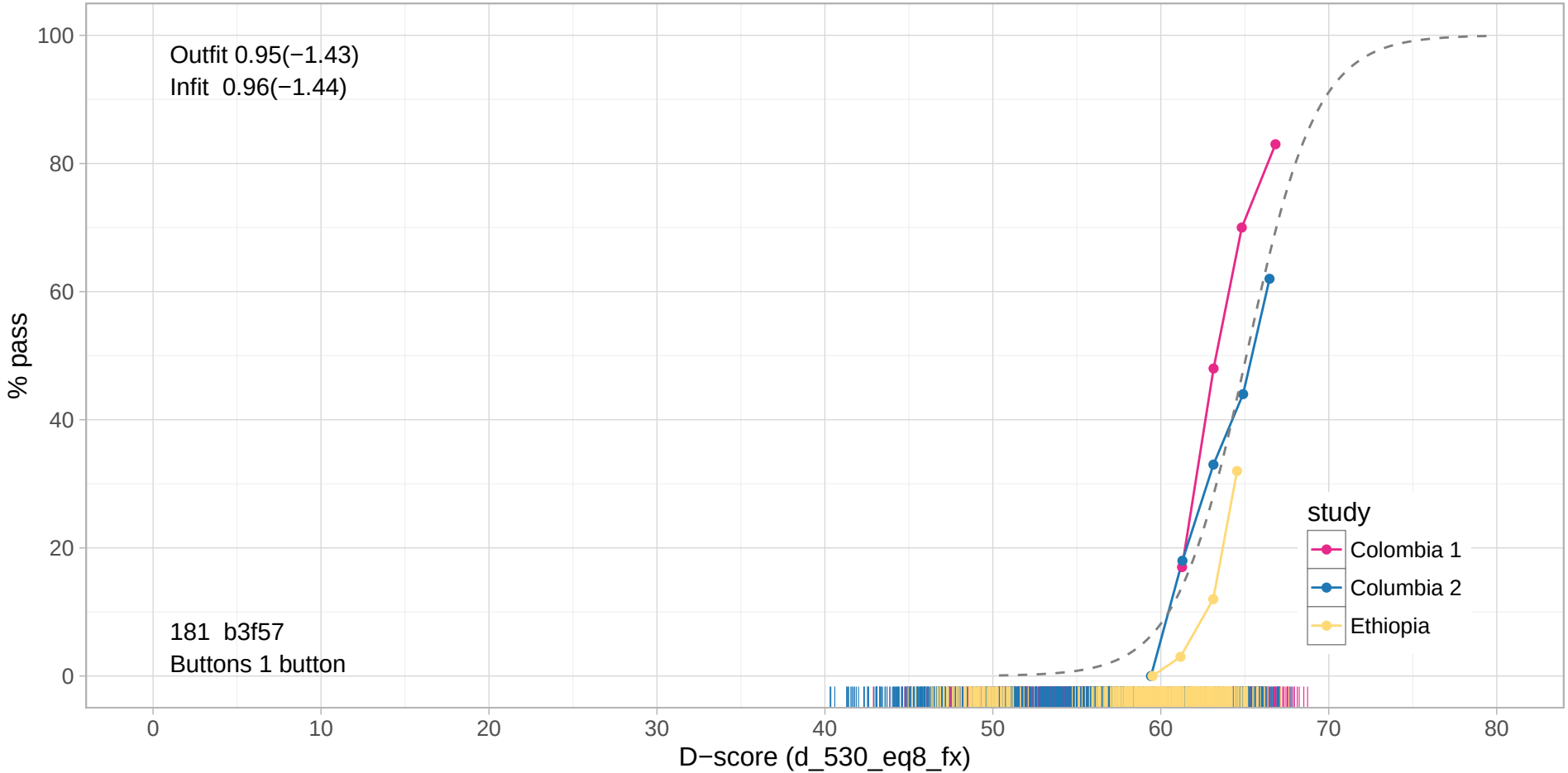

Outfit 0.95(−1.31)
Infit 0.98(−0.92)
176 b3f52
Builds bridge
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

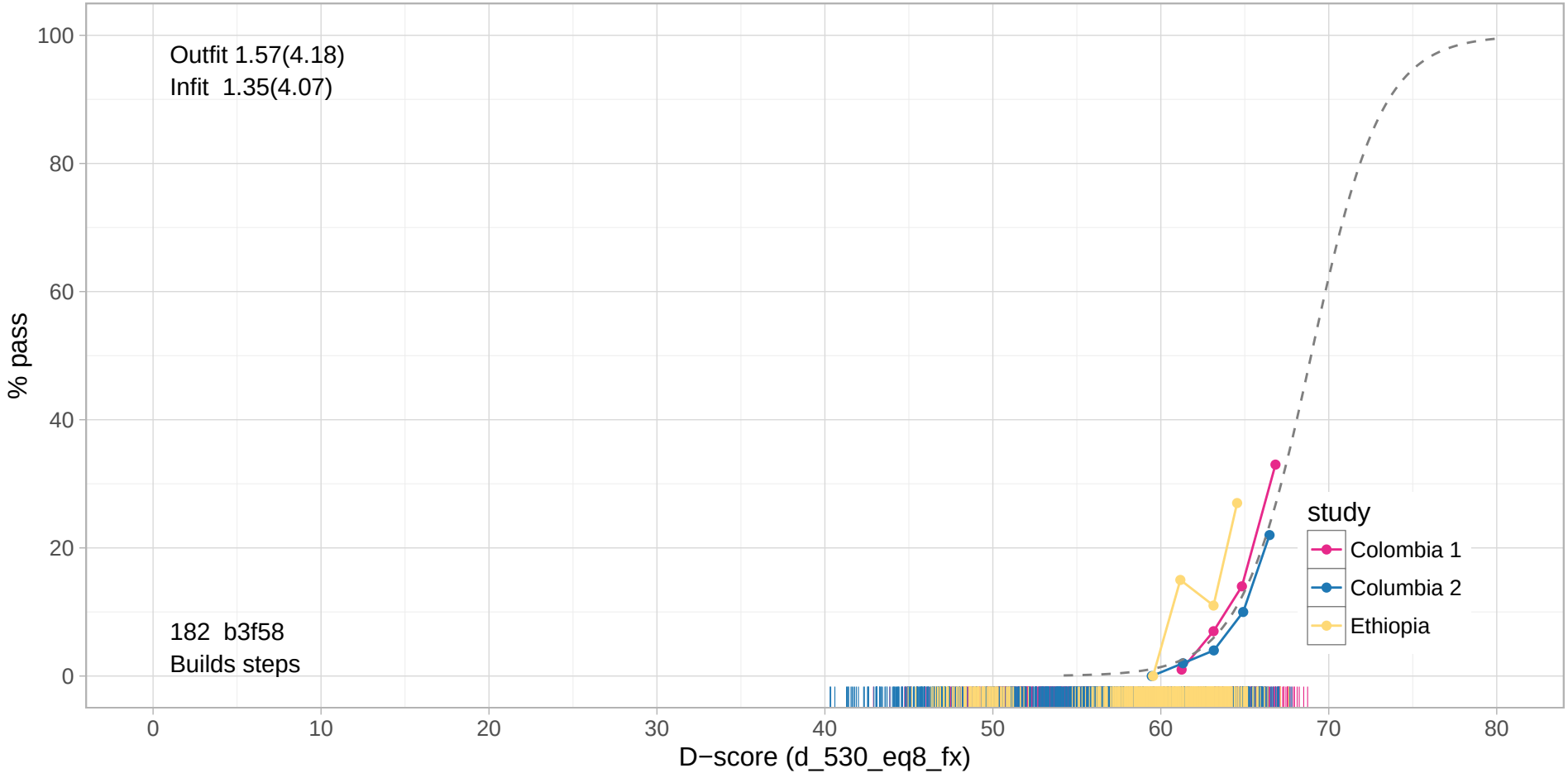

Outfit 0.9(−2.82)
Infit 0.94(−2.61)
177 b3f53
Imitates plus sign
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

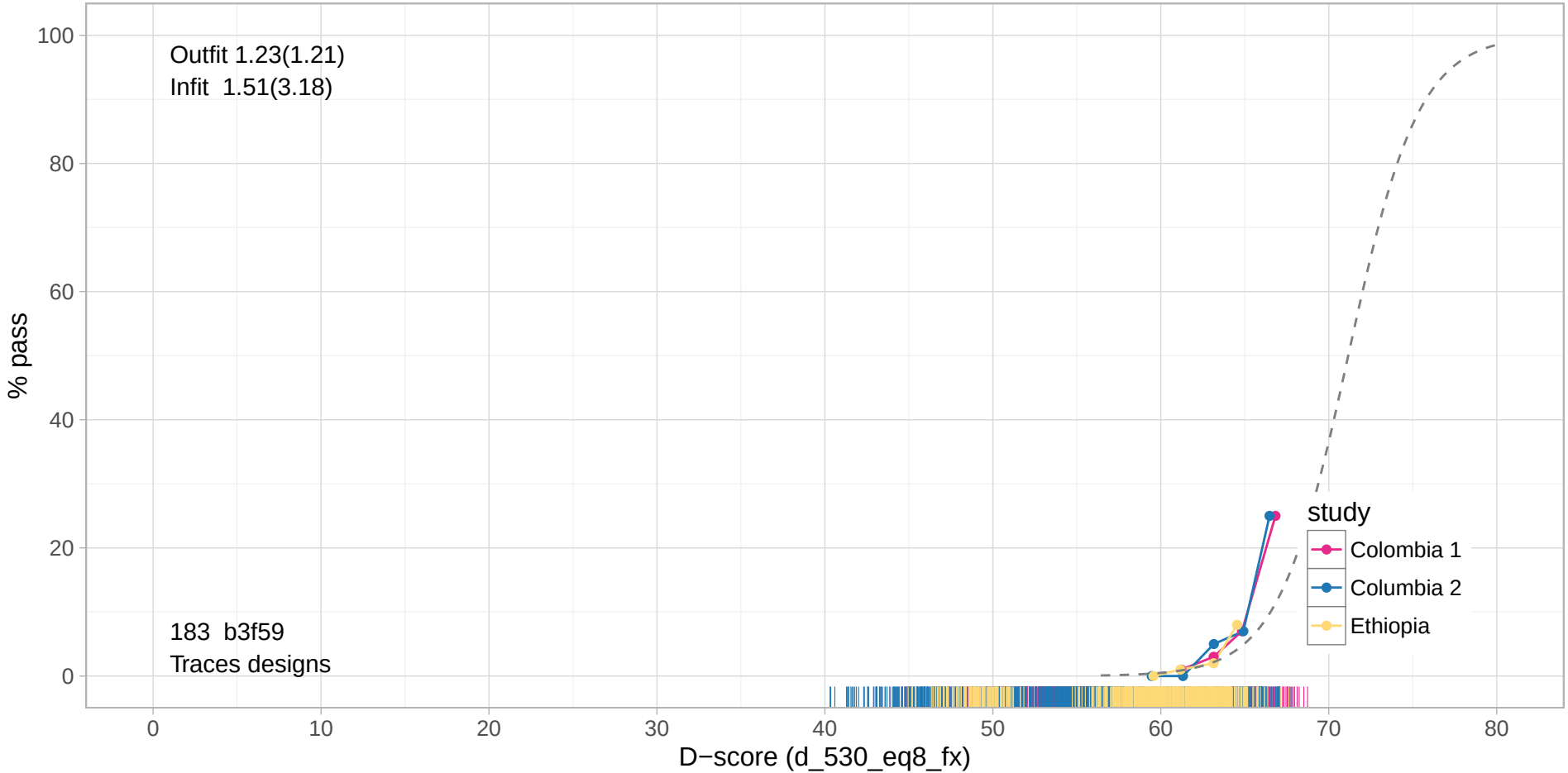

Outfit 1.11(1.43)
Infit 1.11(2.27)
178 b3f54
Block stacking Series: 8 blocks
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

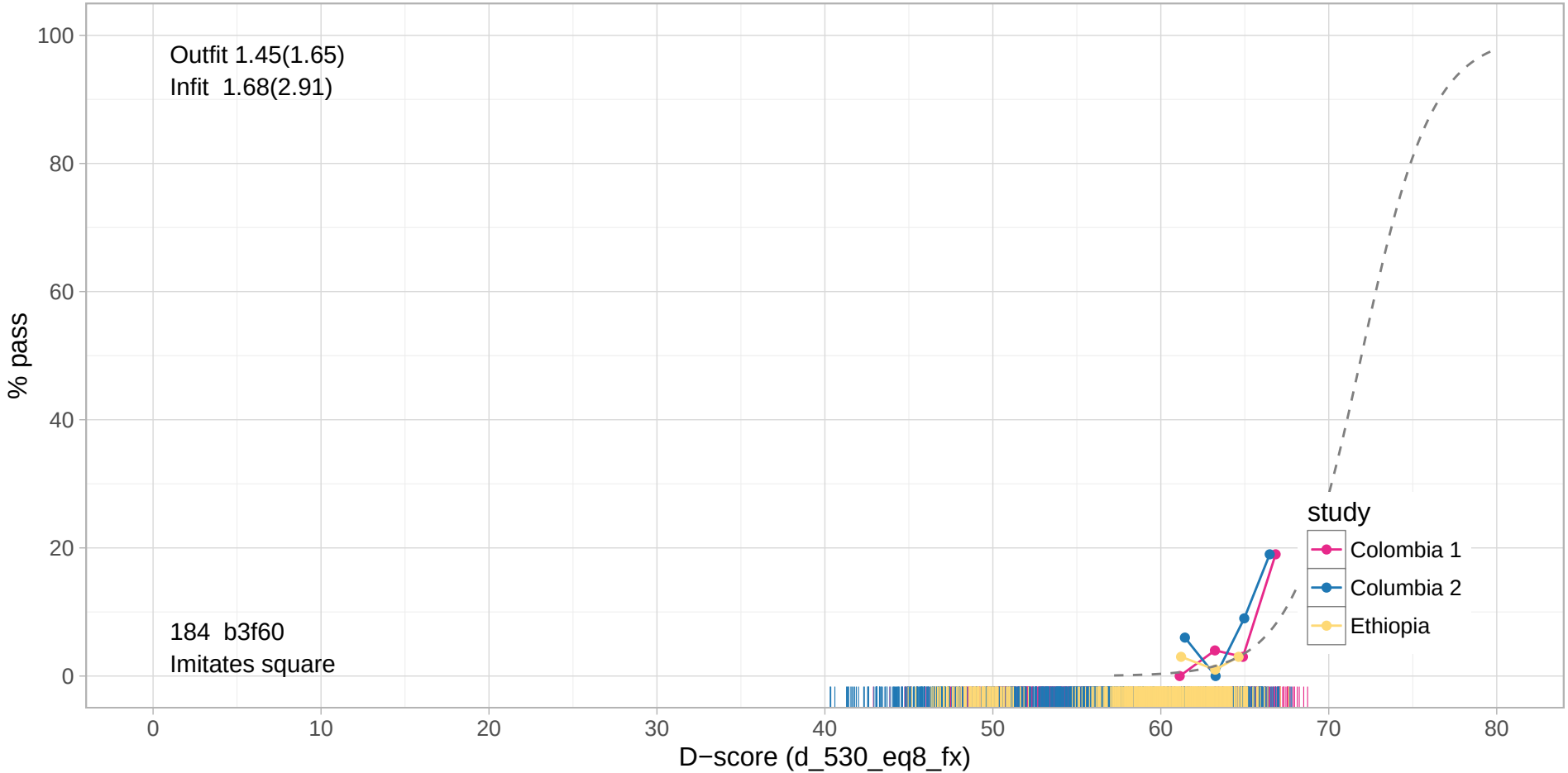

Outfit 1.02(0.23)
Infit 1.11(1.76)
179 b3f55
Cuts on line
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

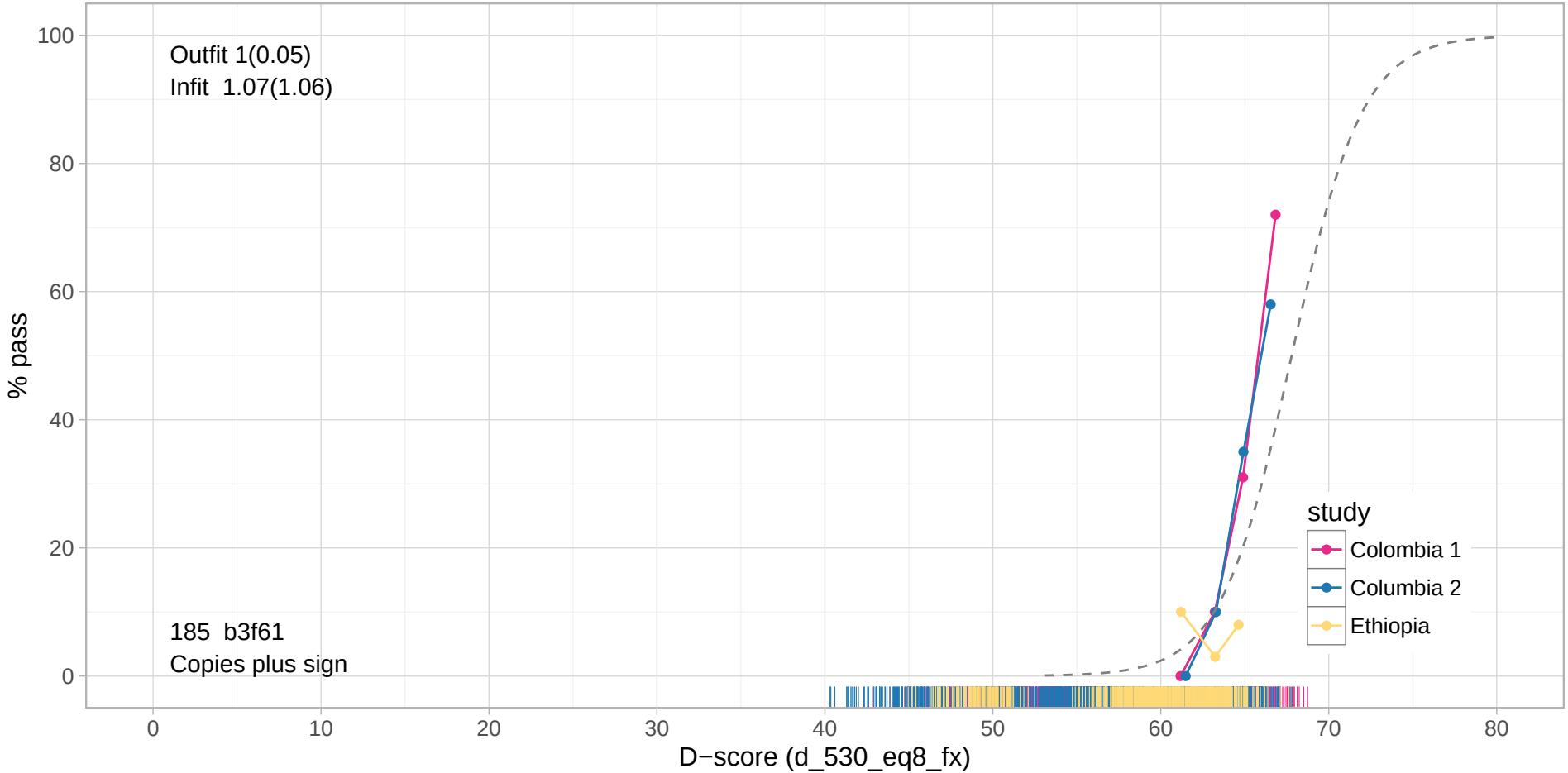

Outfit 1.08(1.39)
Infit 1.09(2.46)
180 b3f56
Builds T
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

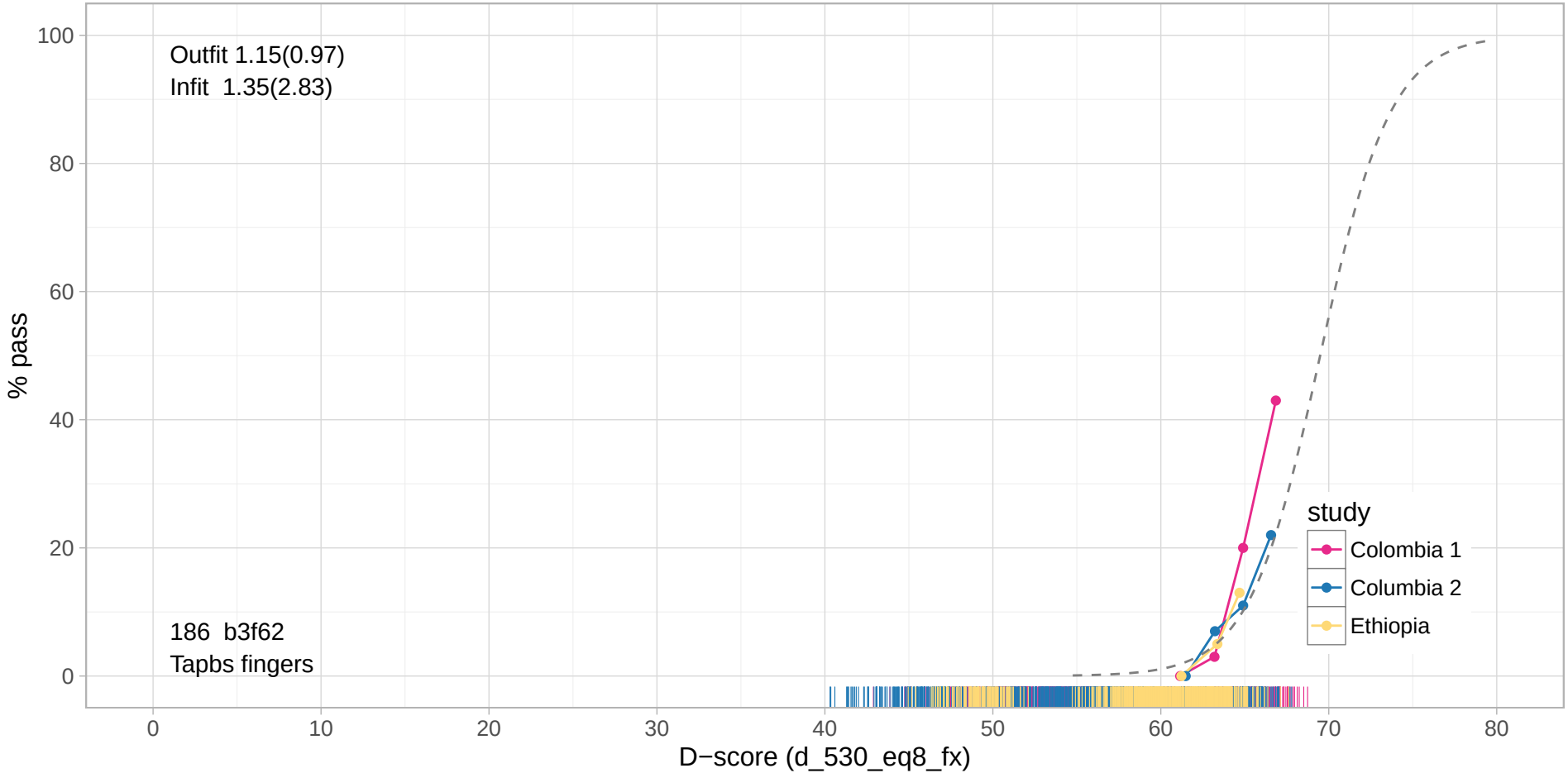

Outfit 0.95(−1.43)
Infit 0.96(−1.44)
181 b3f57
Buttons 1 button
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

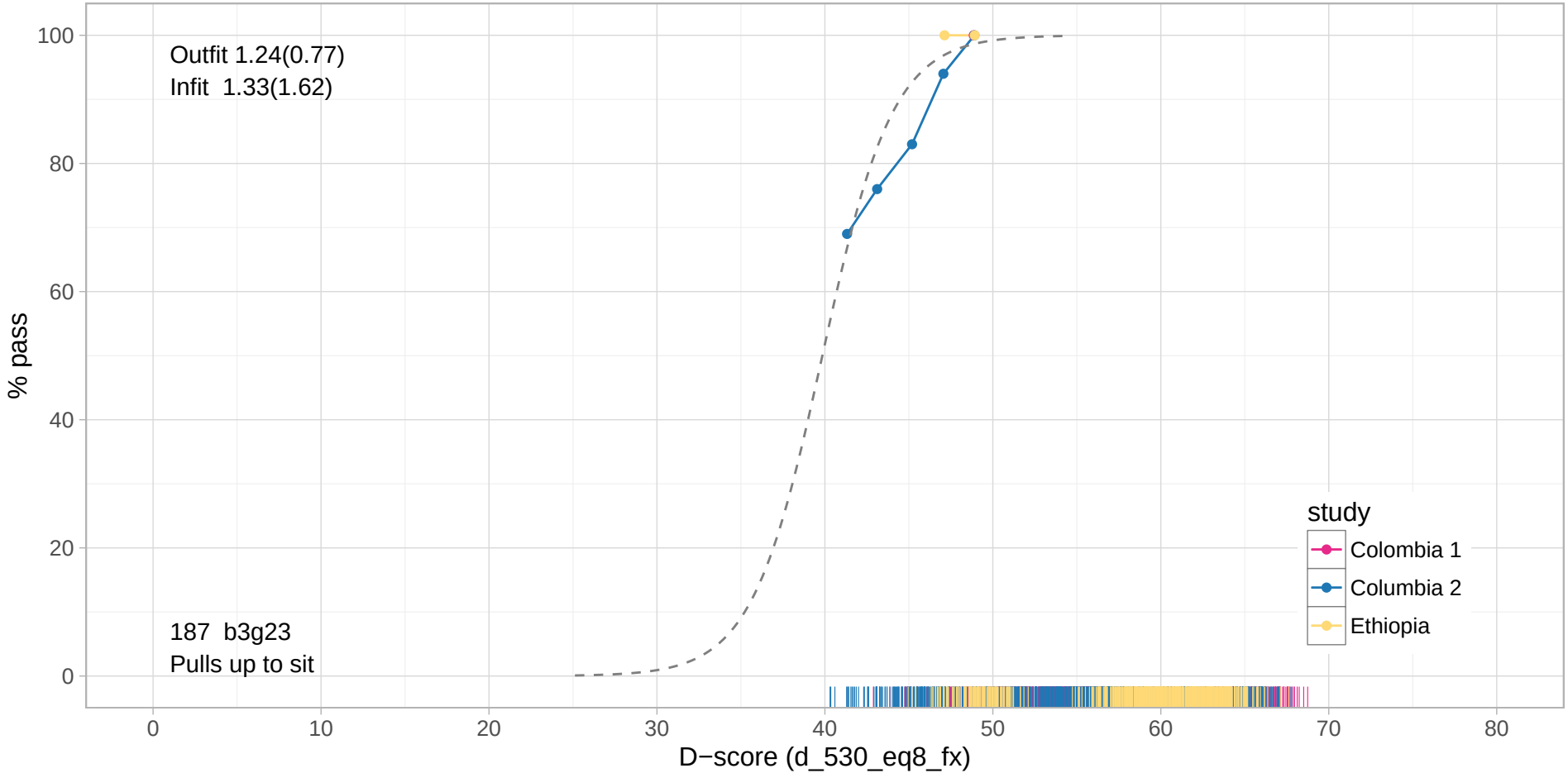

Outfit 1.57(4.18)
Infit 1.35(4.07)
182 b3f58
Builds steps
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

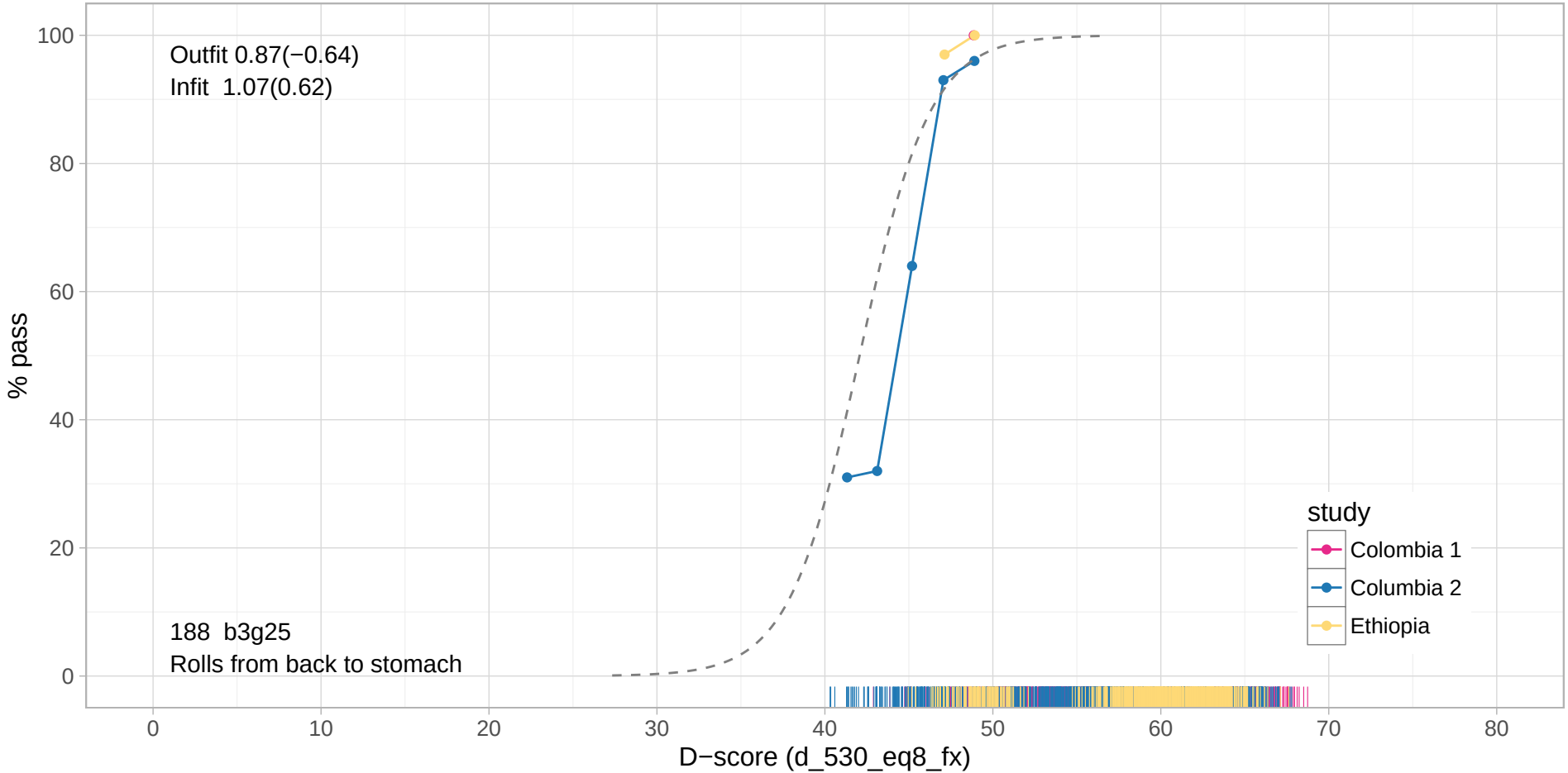

Outfit 1.23(1.21)
Infit 1.51(3.18)
183 b3f59
Traces designs
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

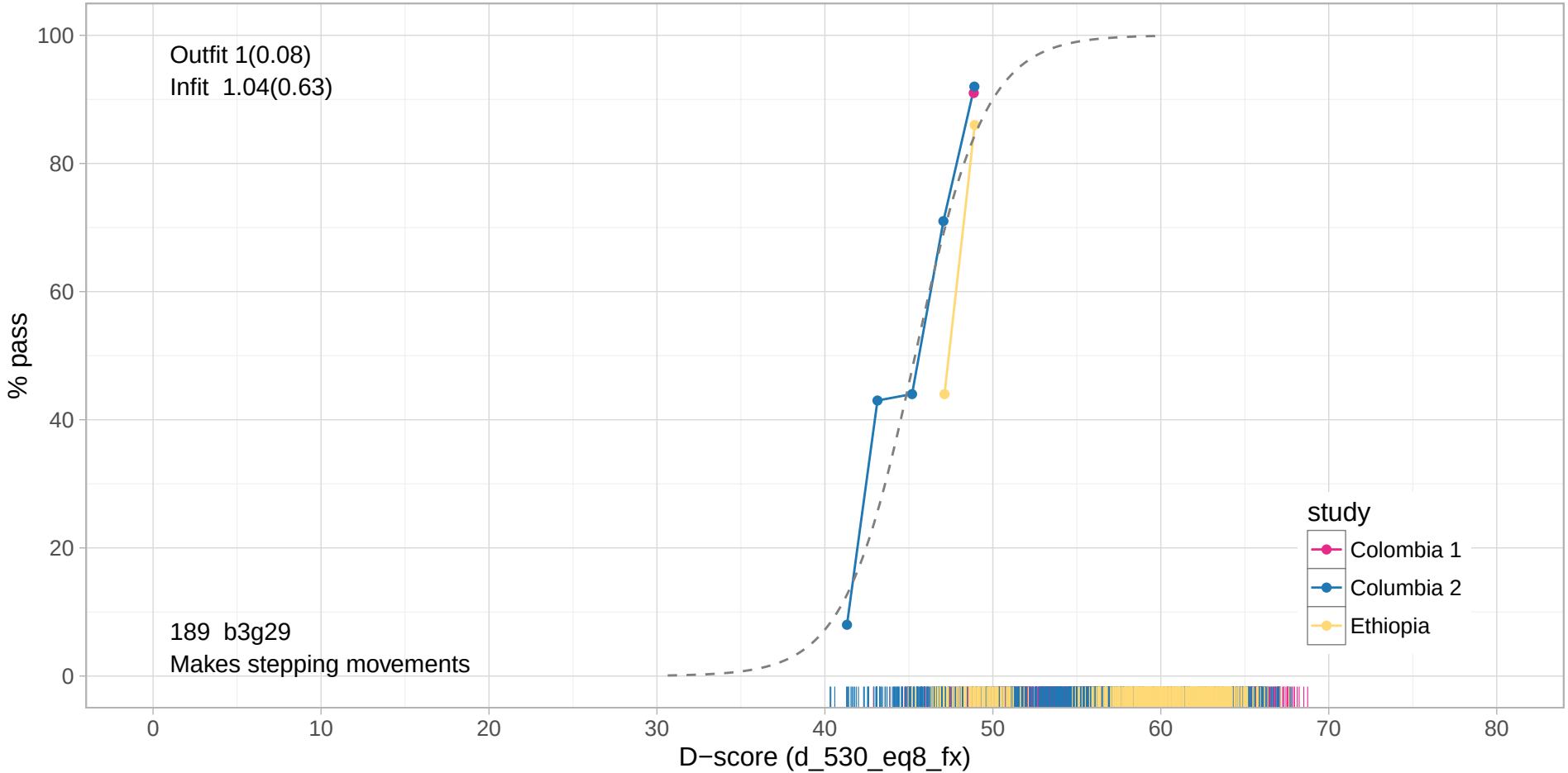

Outfit 1.45(1.65)
Infit 1.68(2.91)
184 b3f60
Imitates square
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

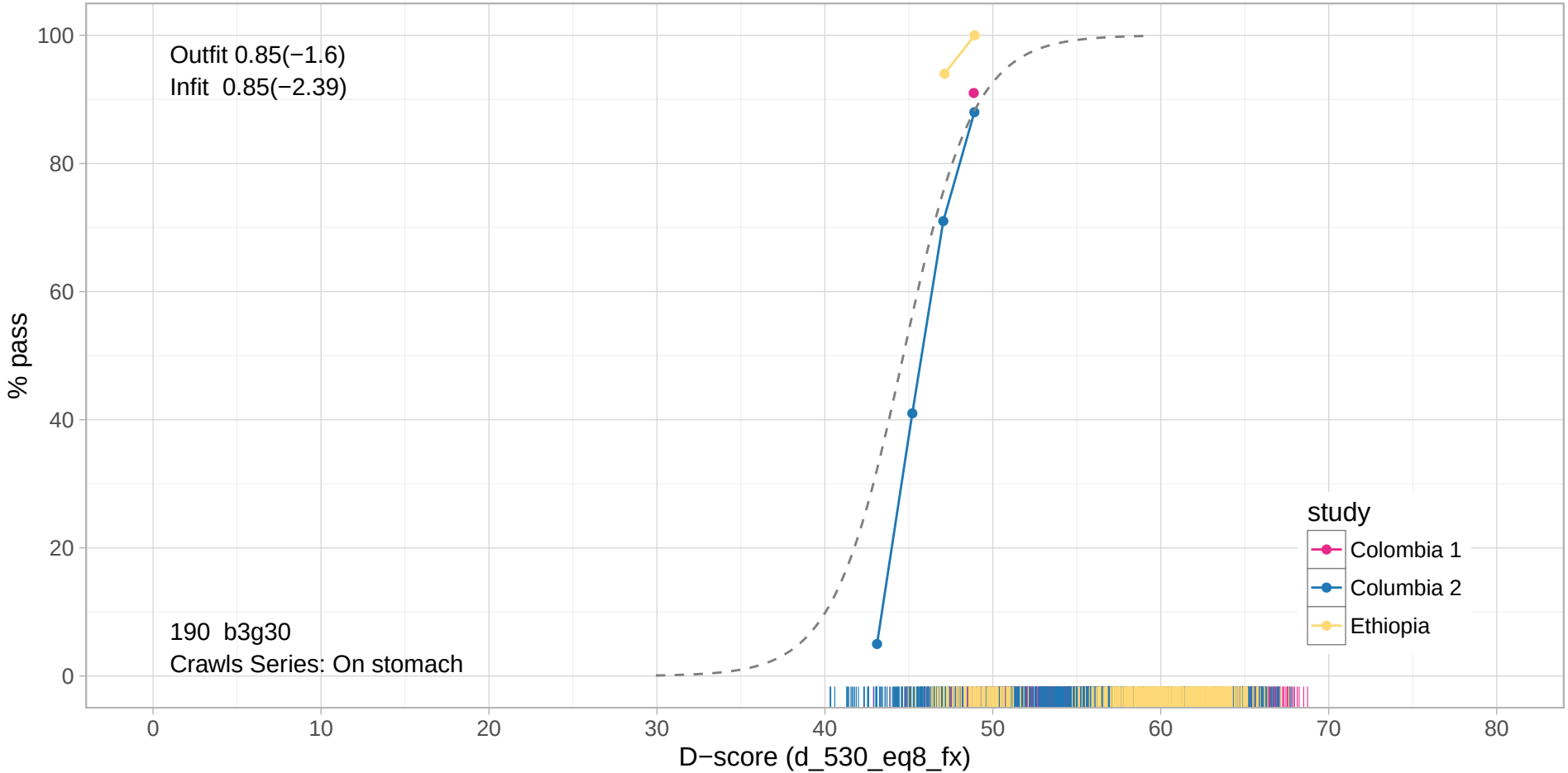

Outfit 1(0.05)
Infit 1.07(1.06)
185 b3f61
Copies plus sign
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

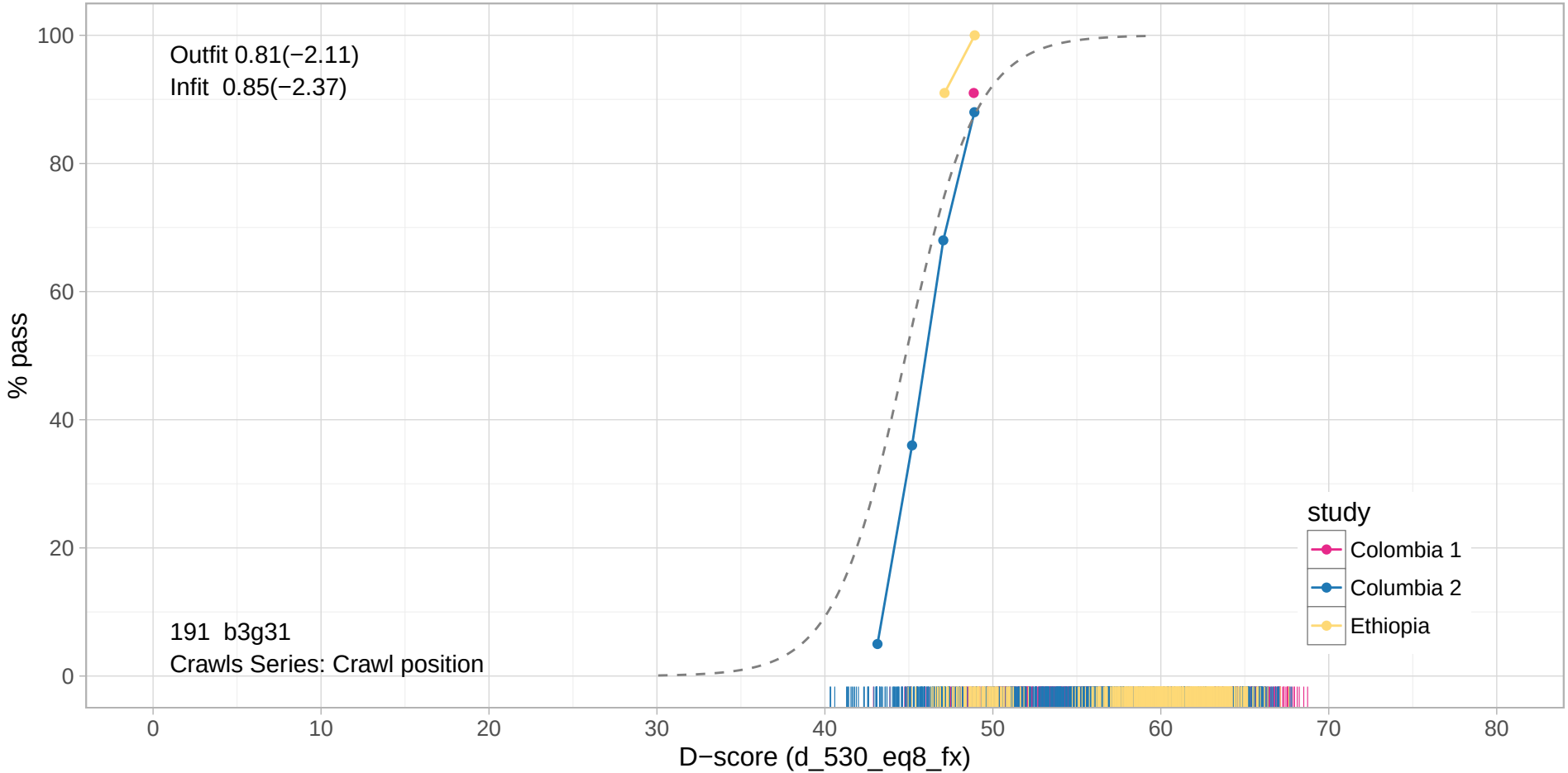

Outfit 1.15(0.97)
Infit 1.35(2.83)
186 b3f62
Tapbs fingers
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

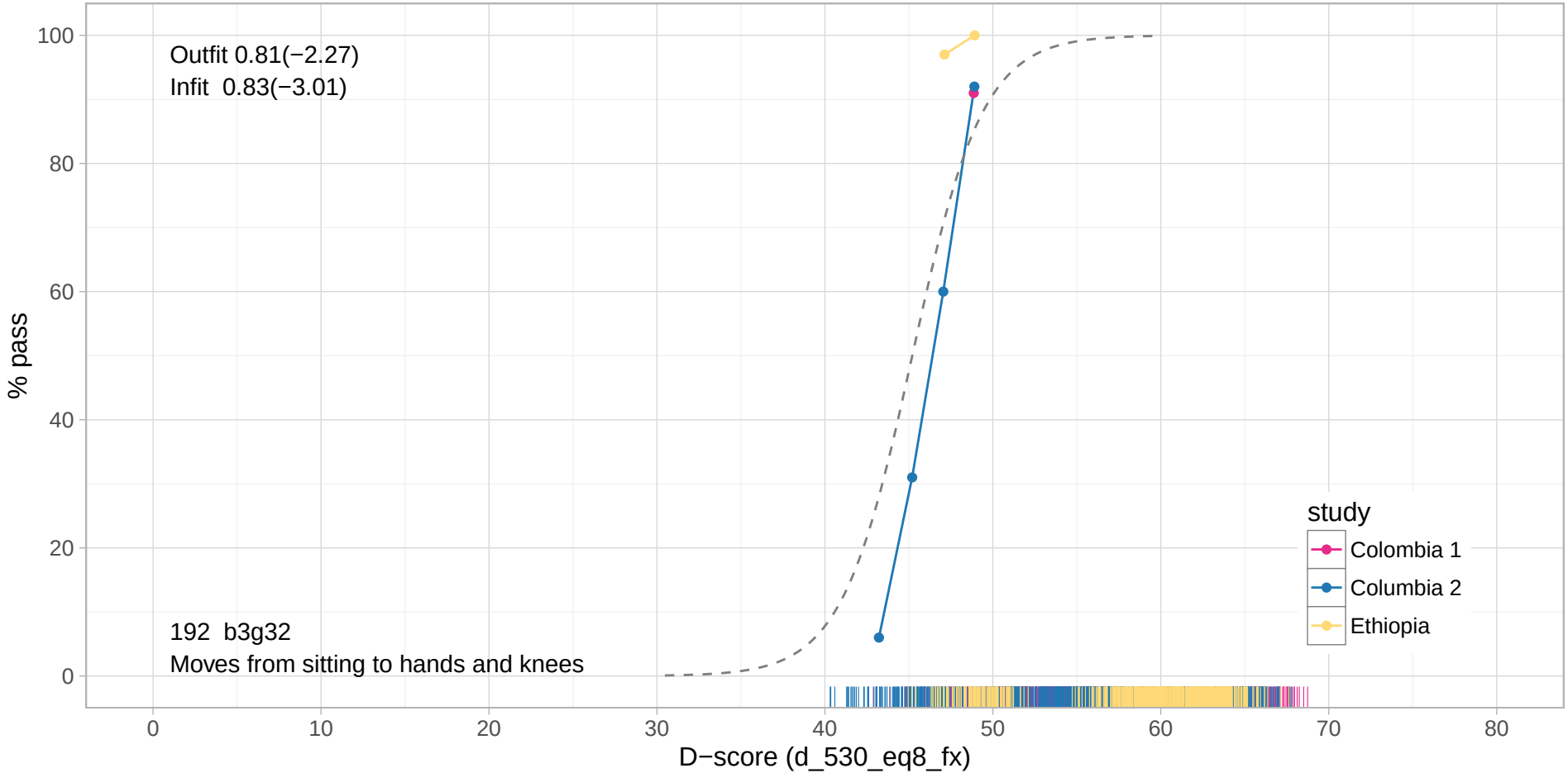

Outfit 1.24(0.77)
Infit 1.33(1.62)
187 b3g23
Pulls up to sit
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

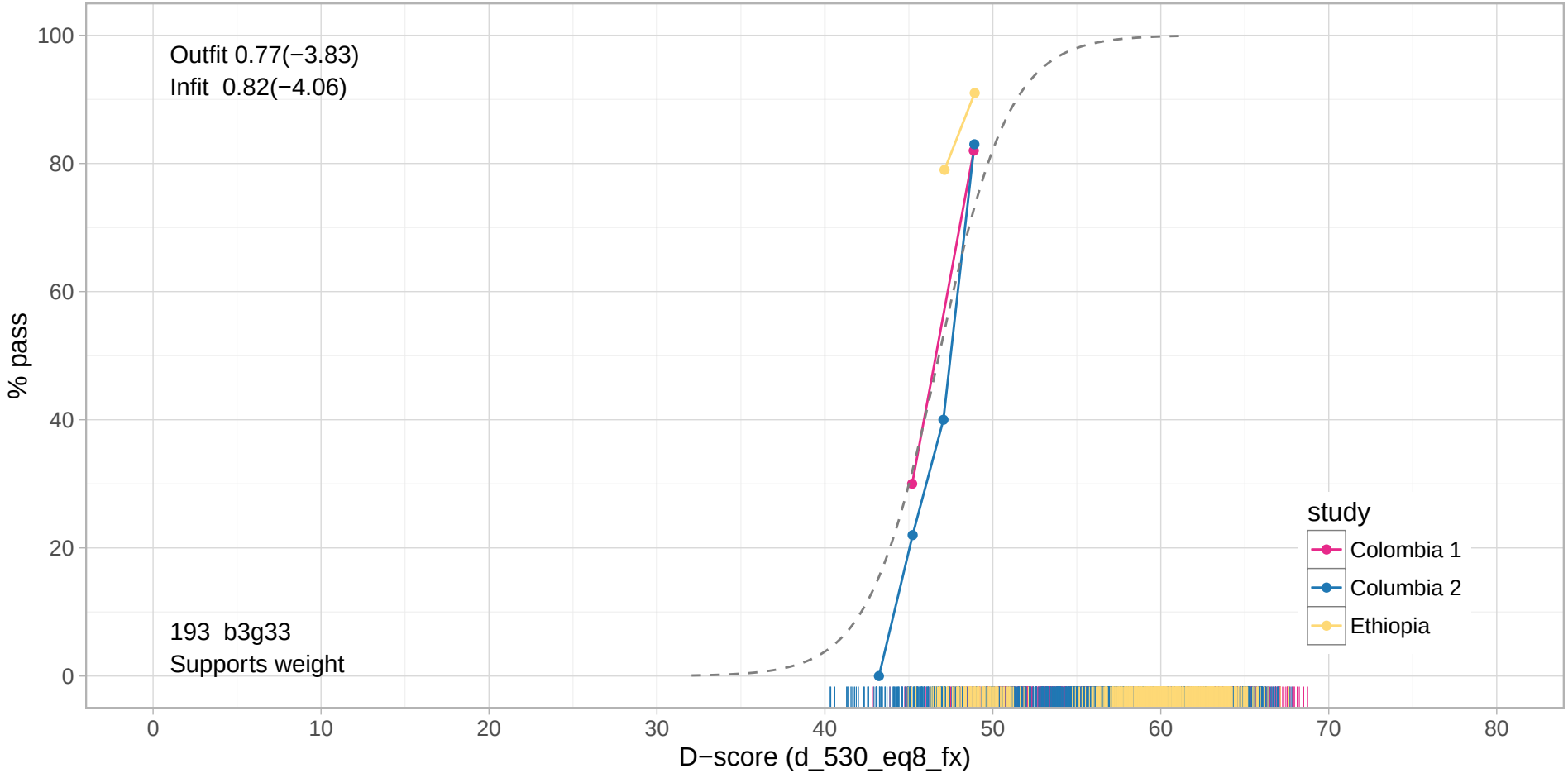

Outfit 0.87(−0.64)
Infit 1.07(0.62)
188 b3g25
Rolls from back to stomach
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

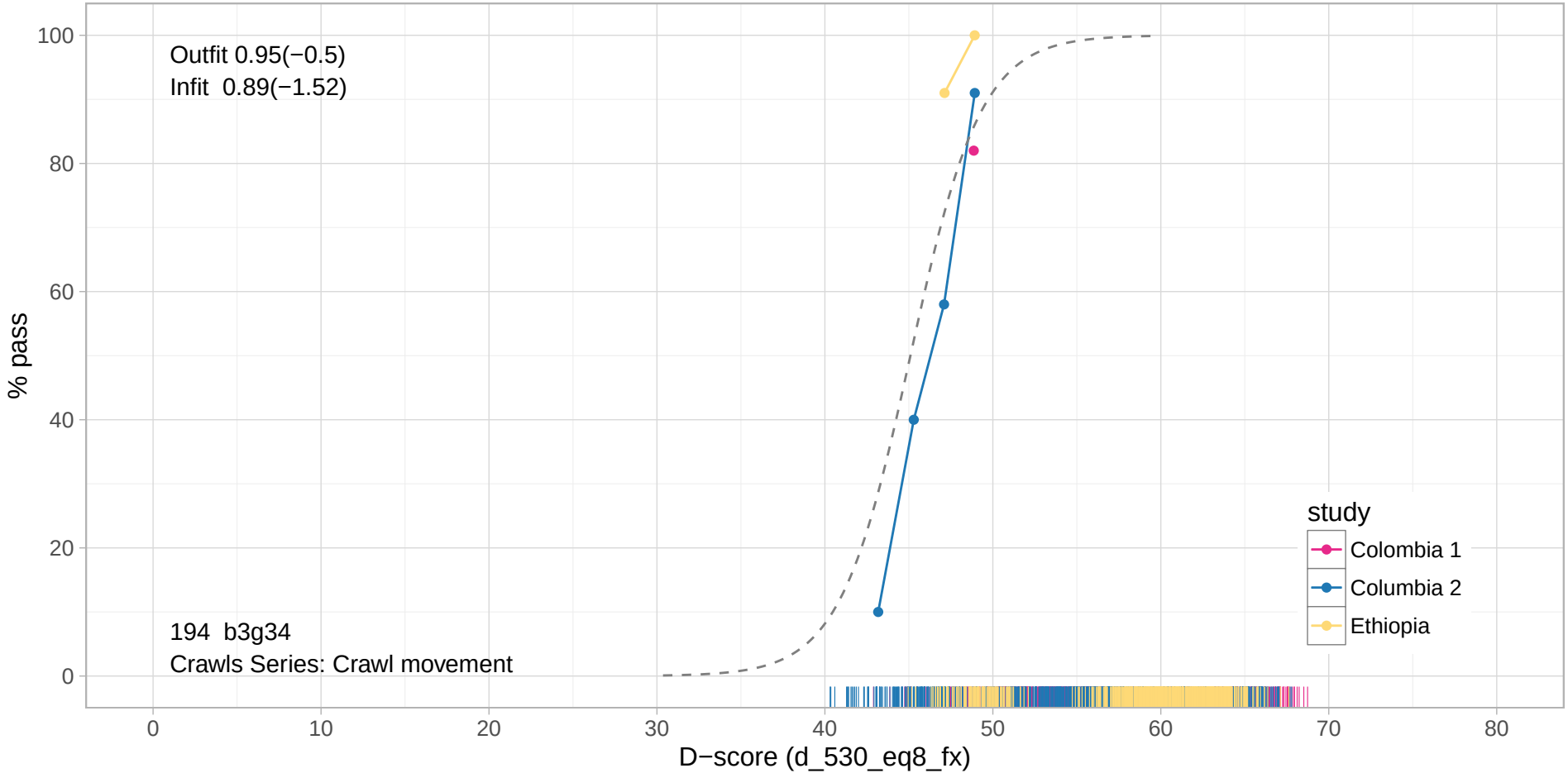

Outfit 1(0.08)
Infit 1.04(0.63)
189 b3g29
Makes stepping movements
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

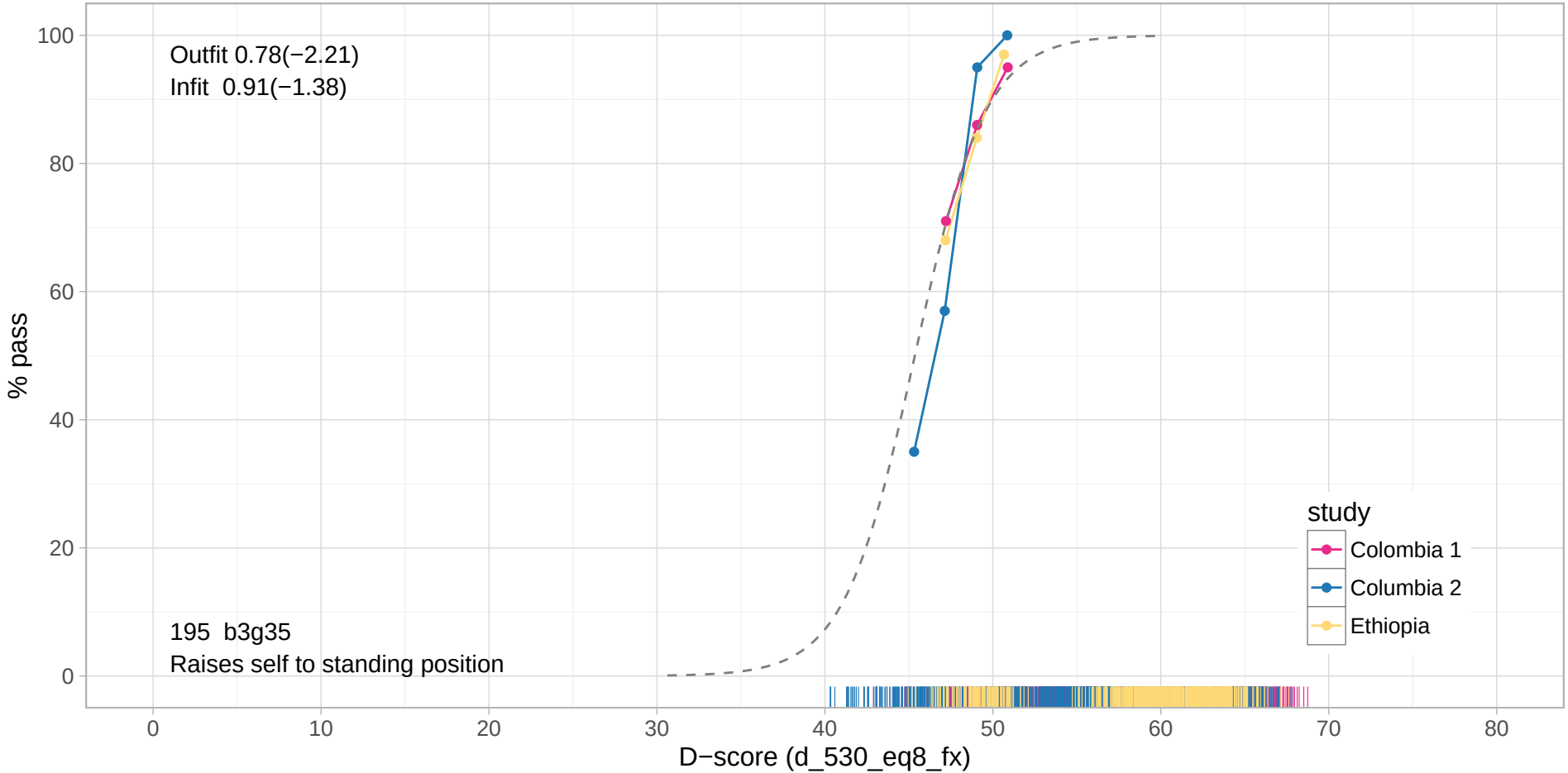

Outfit 0.85(−1.6)
Infit 0.85(−2.39)
190 b3g30
Crawls Series: On stomach
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

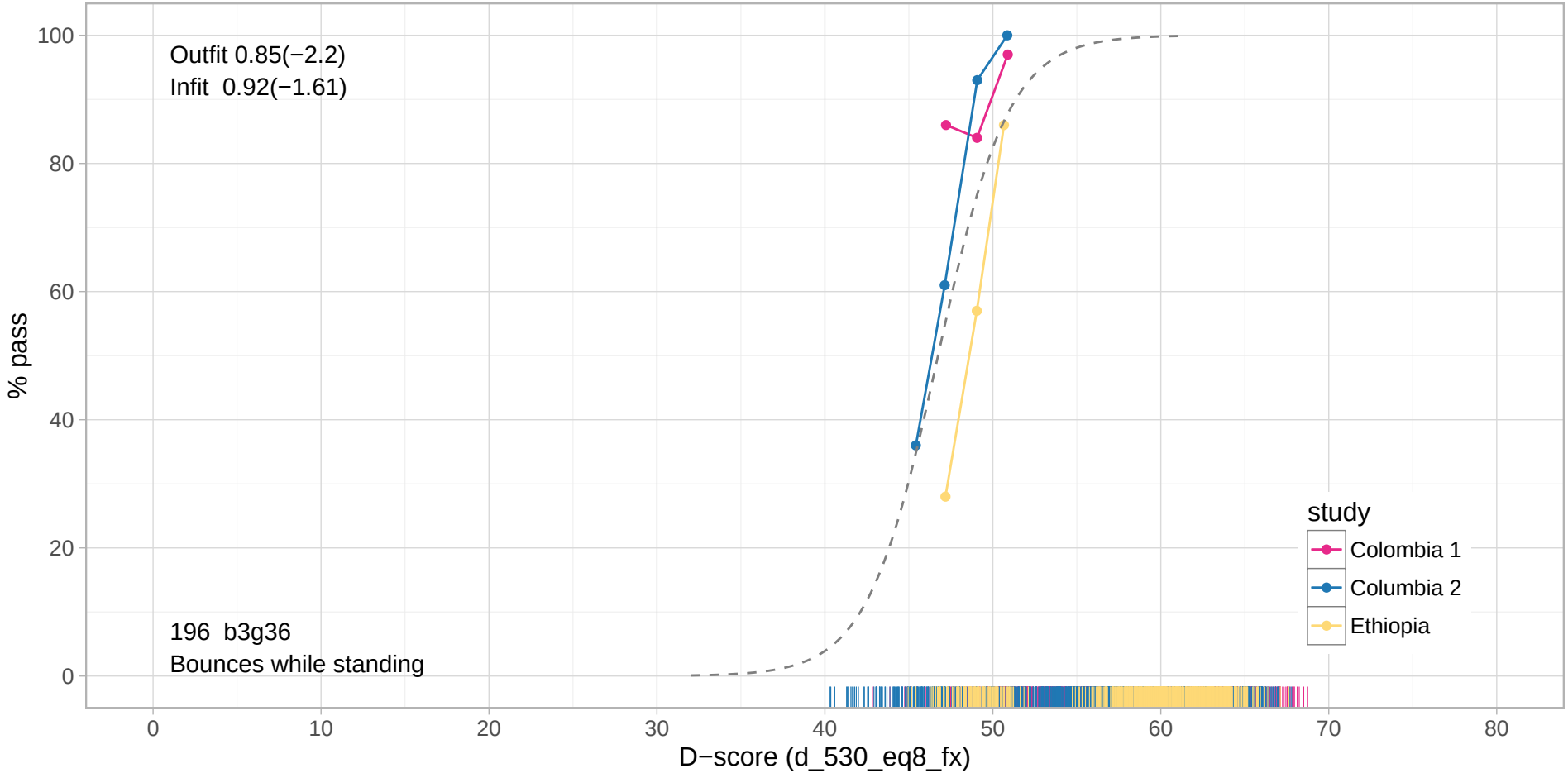

Outfit 0.81(−2.11)
Infit 0.85(−2.37)
191 b3g31
Crawls Series: Crawl position
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

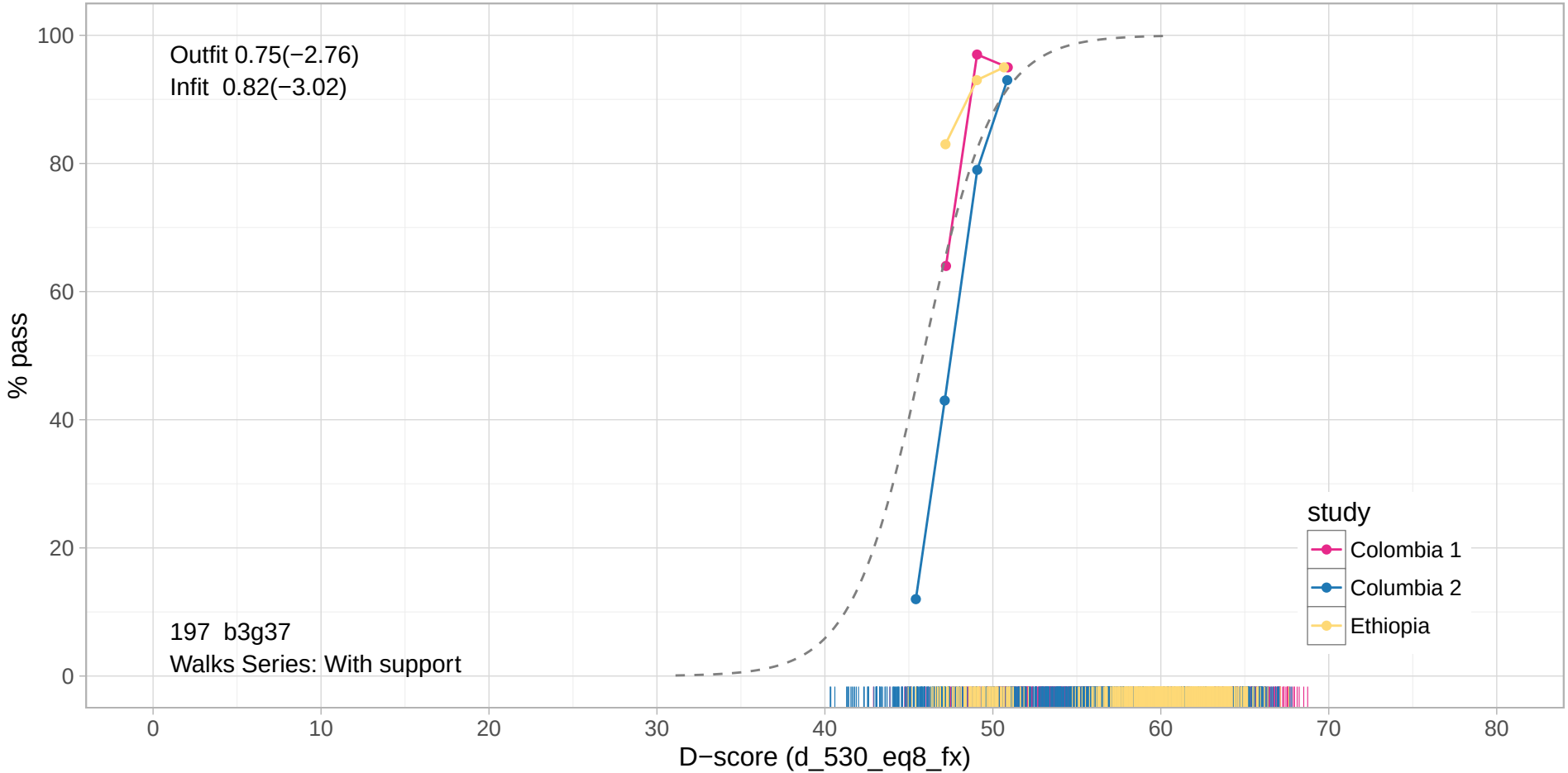

Outfit 0.81(−2.27)
Infit 0.83(−3.01)
192 b3g32
Moves from sitting to hands and knees
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

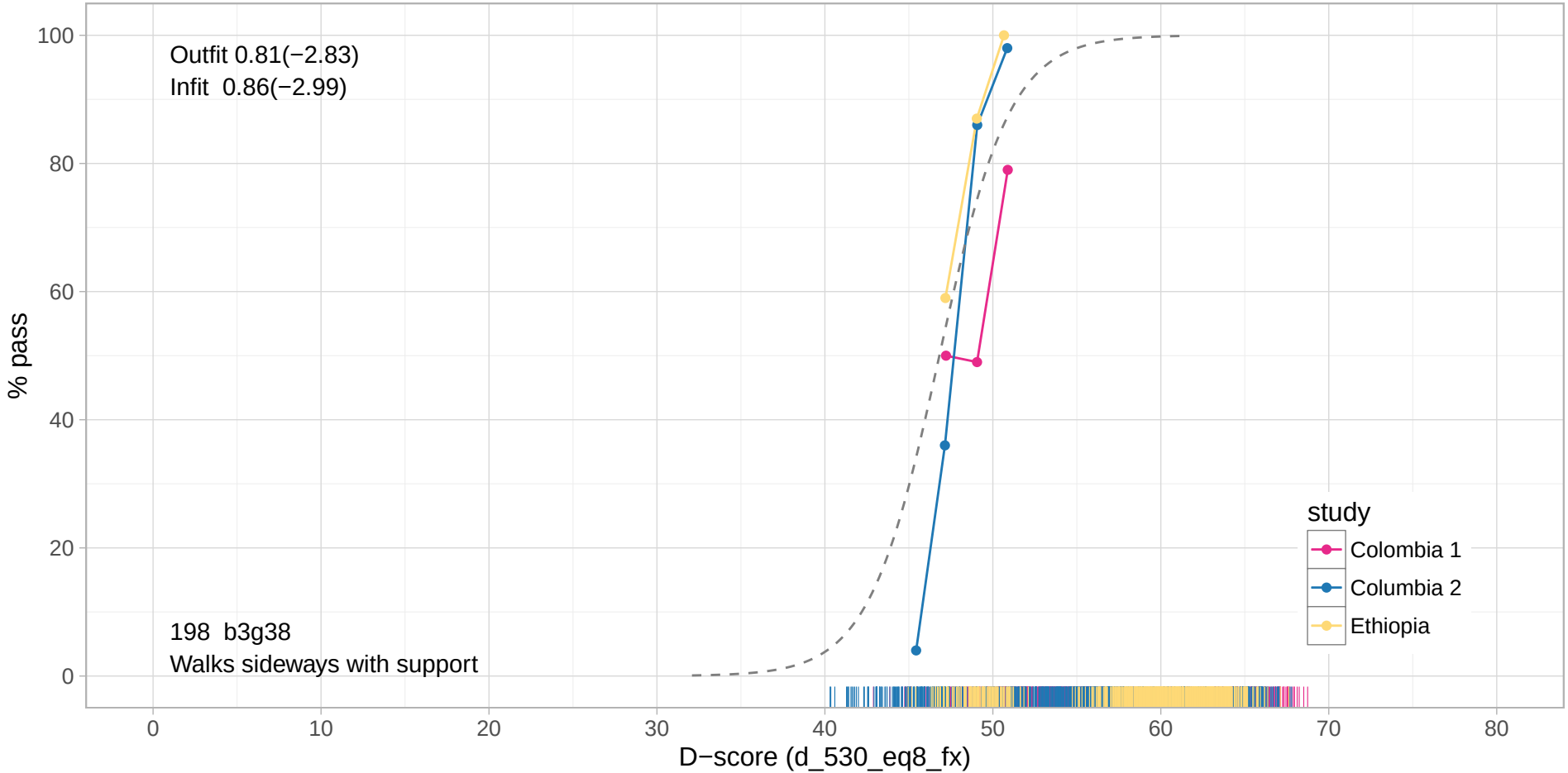

Outfit 0.77(−3.83)
Infit 0.82(−4.06)
193 b3g33
Supports weight
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

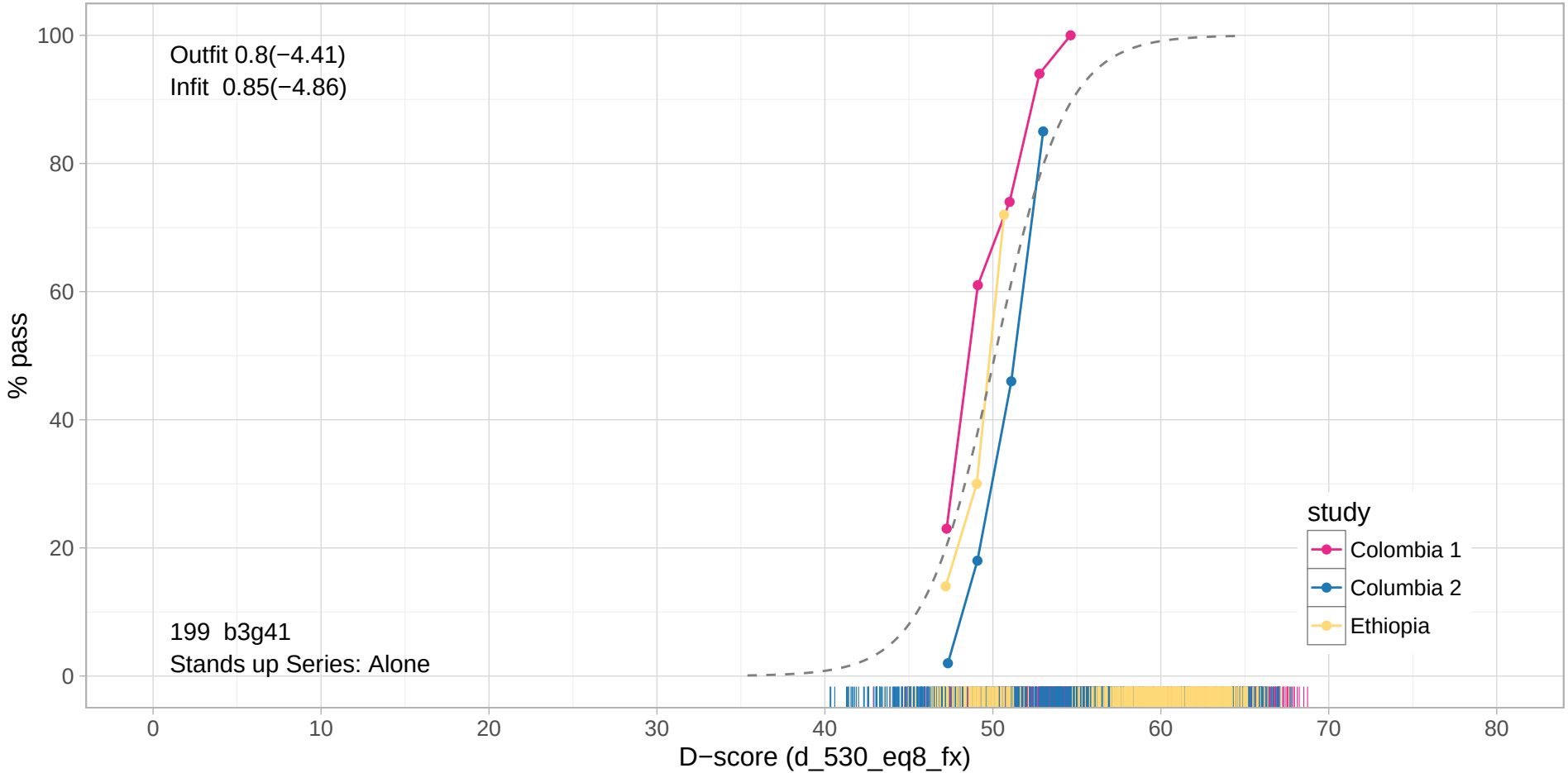

Outfit 0.95(−0.5)
Infit 0.89(−1.52)
194 b3g34
Crawls Series: Crawl movement
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

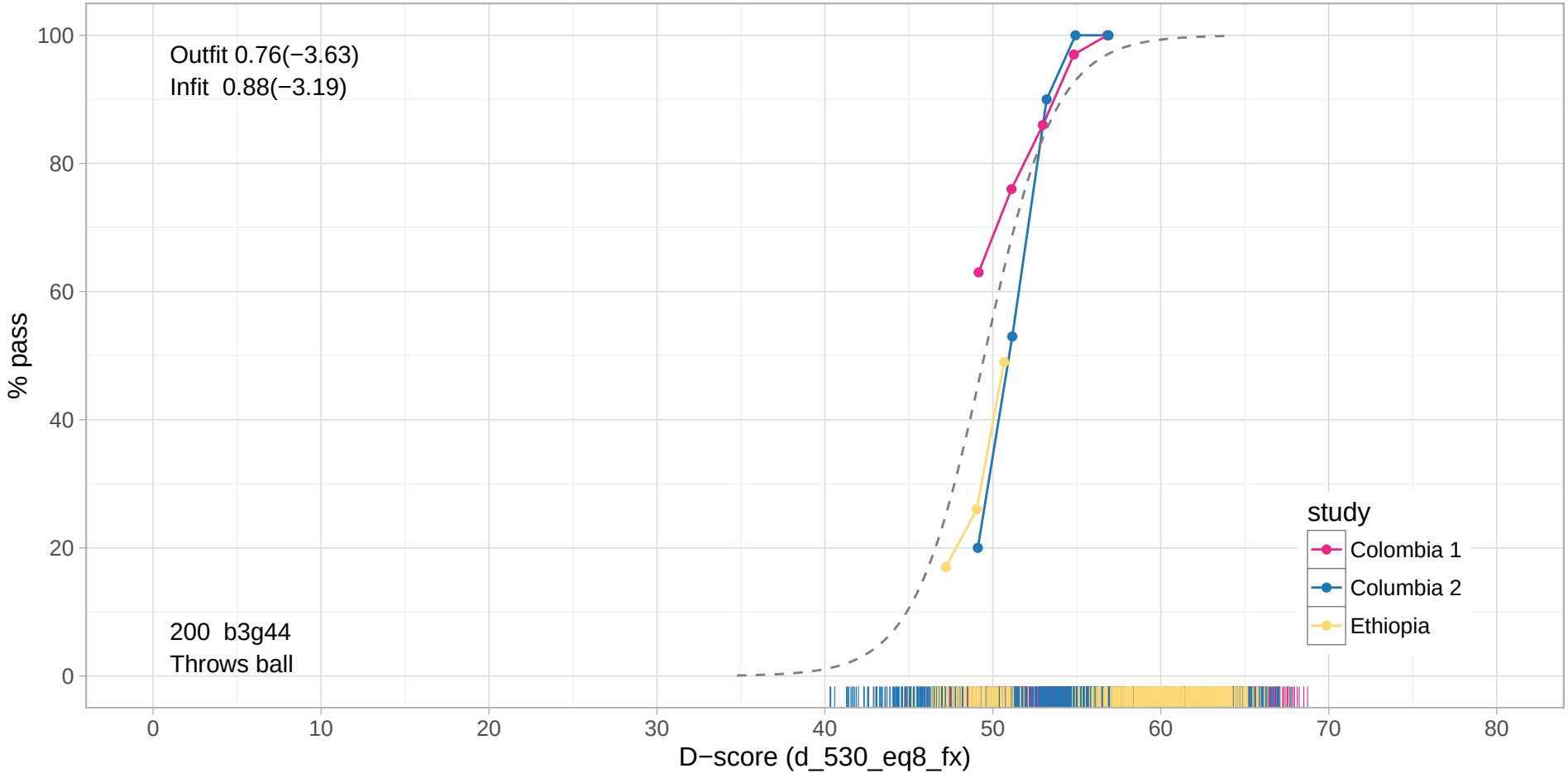

Outfit 0.78(−2.21)
Infit 0.91(−1.38)
195 b3g35
Raises self to standing position
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

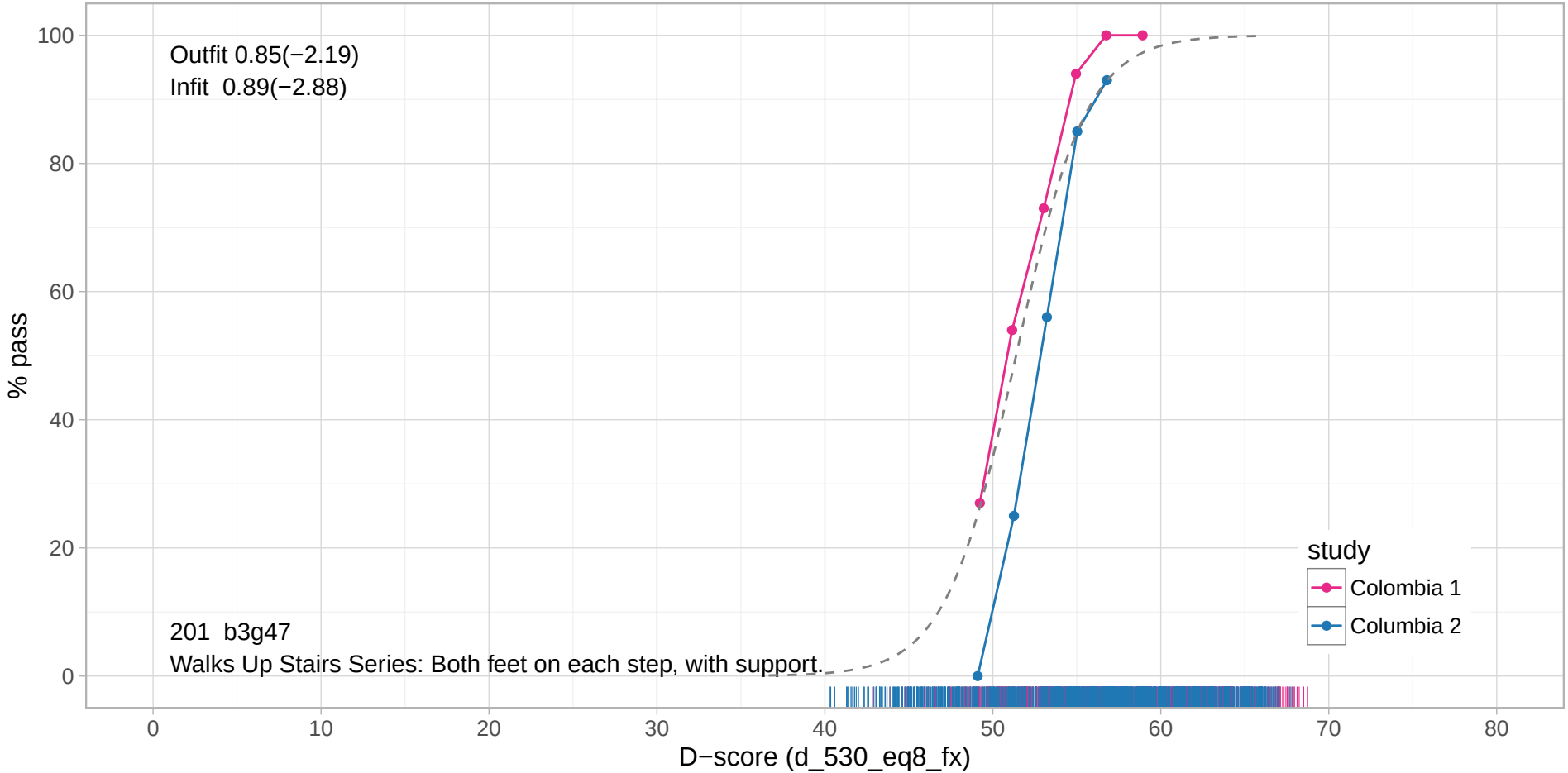

Outfit 0.85(−2.2)
Infit 0.92(−1.61)
196 b3g36
Bounces while standing
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

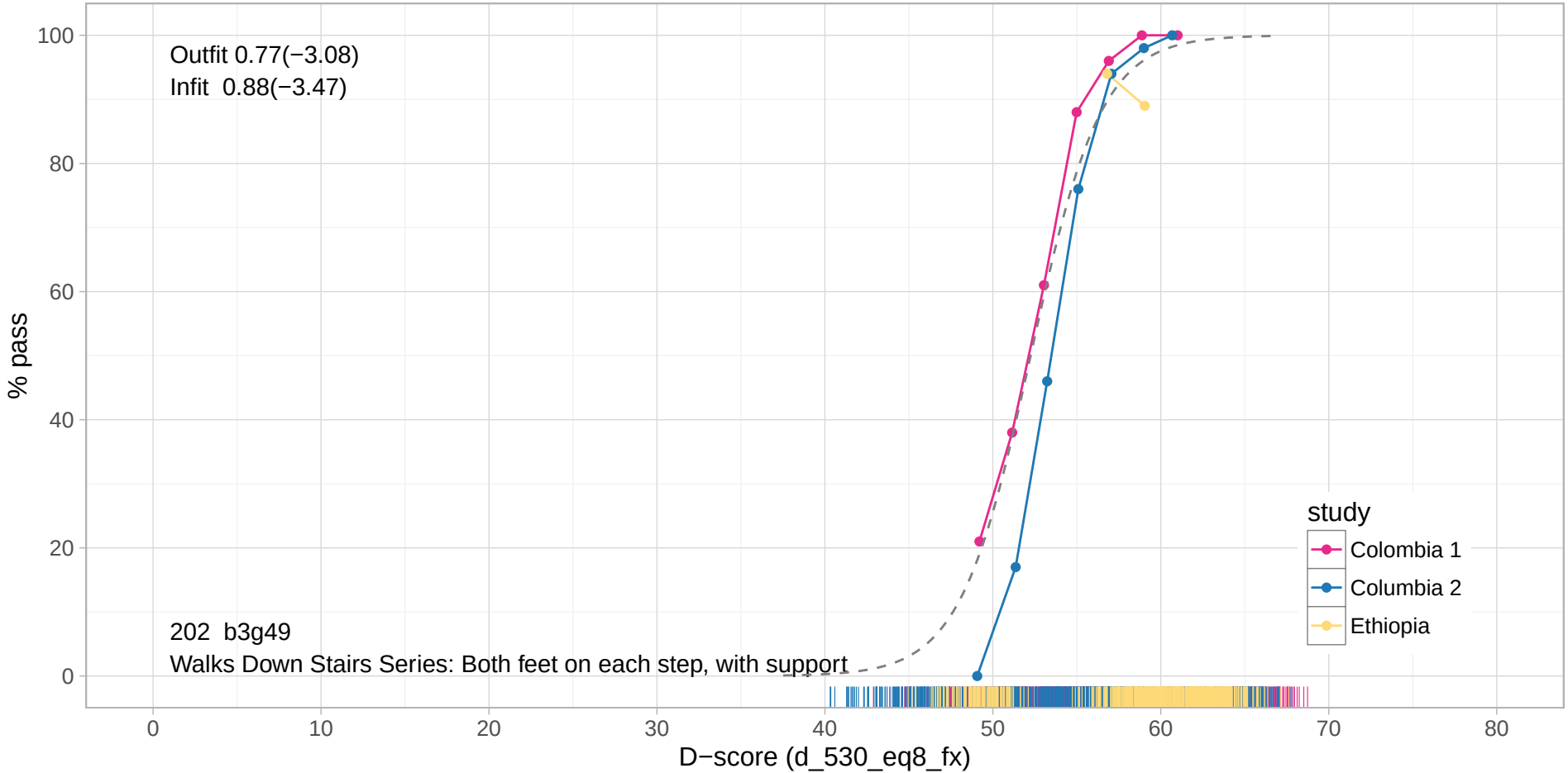

Outfit 0.75(−2.76)
Infit 0.82(−3.02)
197 b3g37
Walks Series: With support
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

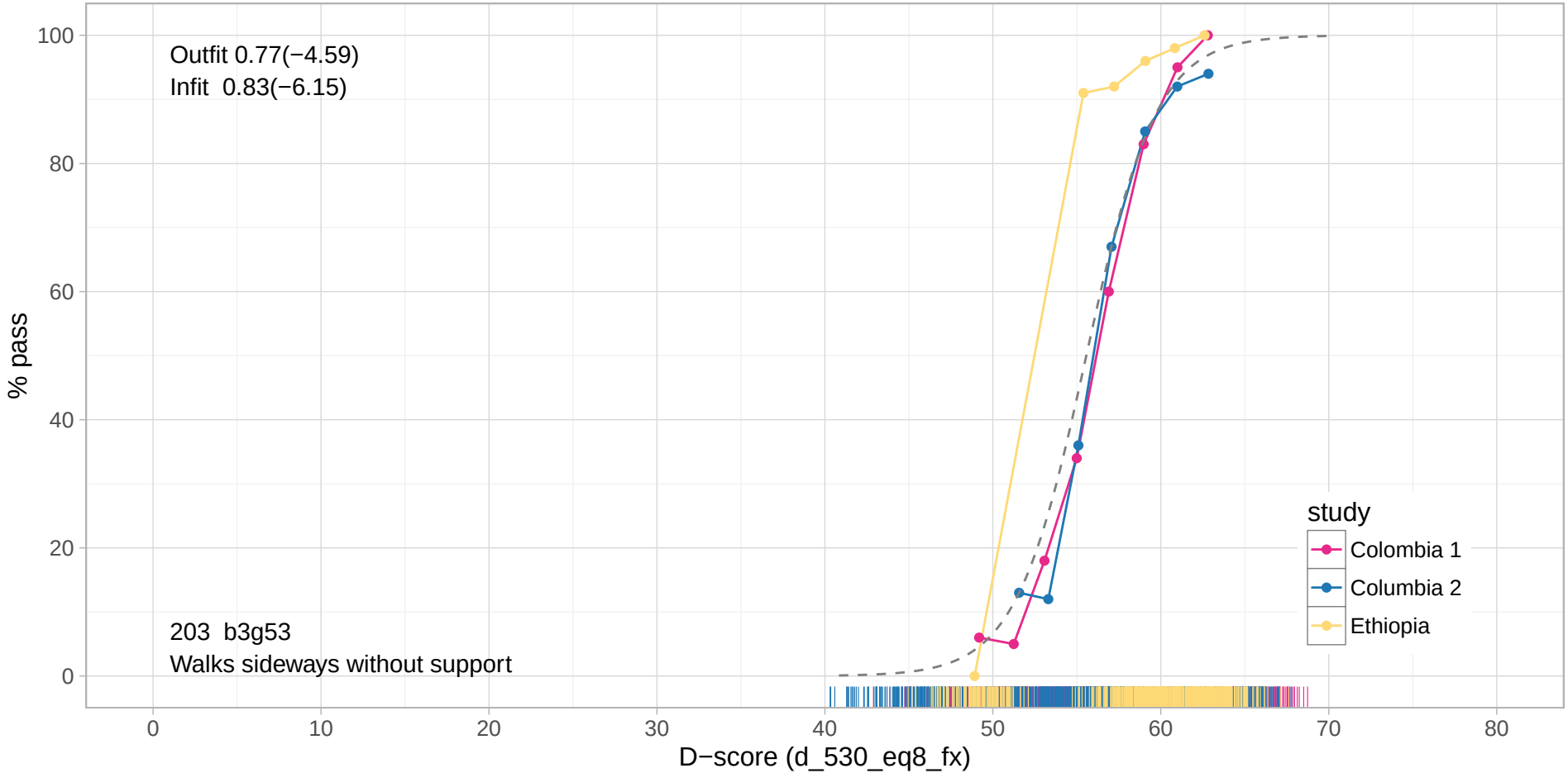

Outfit 0.81(−2.83)
Infit 0.86(−2.99)
198 b3g38
Walks sideways with support
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

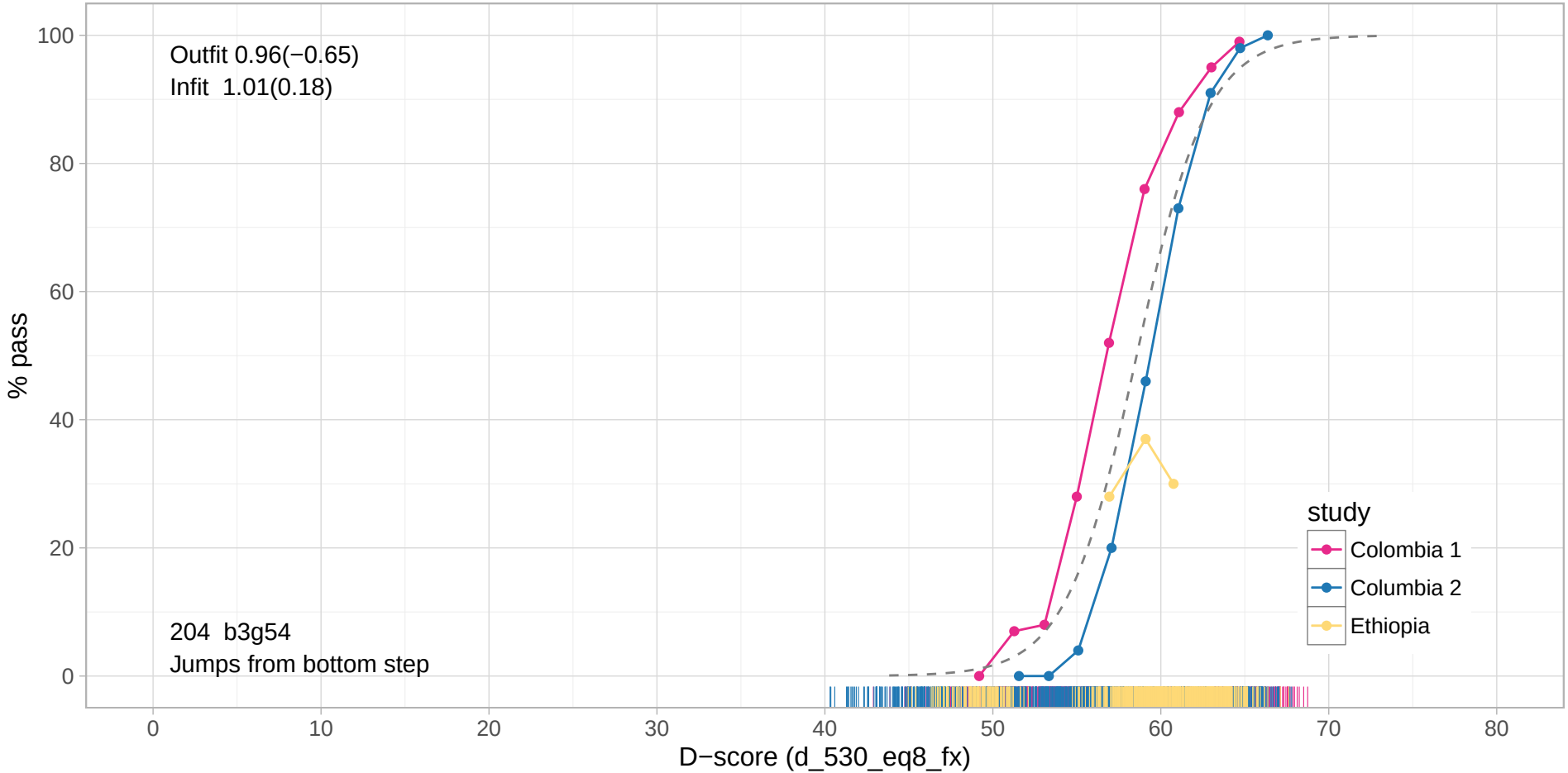

Outfit 0.8(−4.41)
Infit 0.85(−4.86)
199 b3g41
Stands up Series: Alone
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

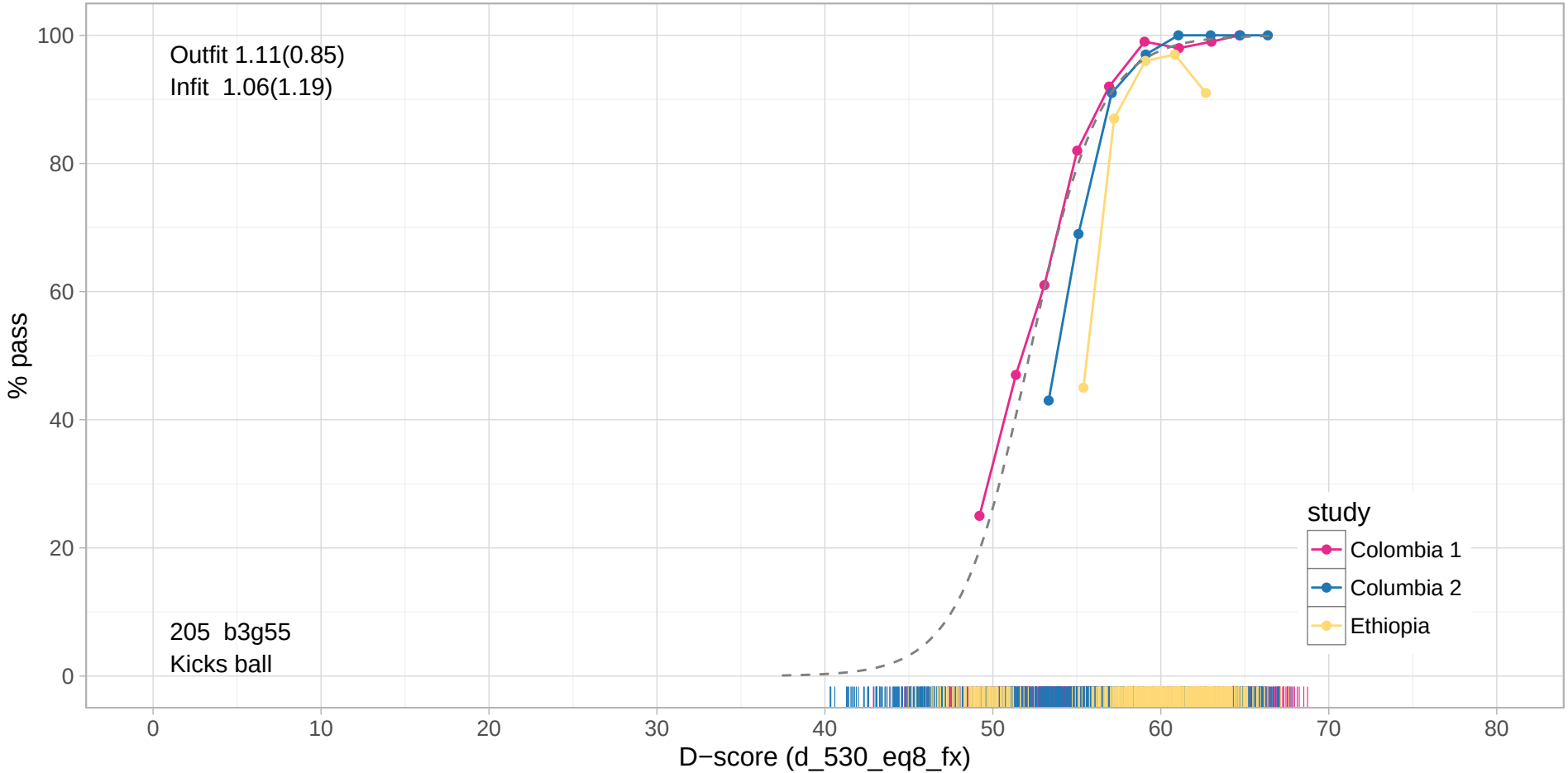

Outfit 0.76(−3.63)
Infit 0.88(−3.19)
200 b3g44
Throws ball
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

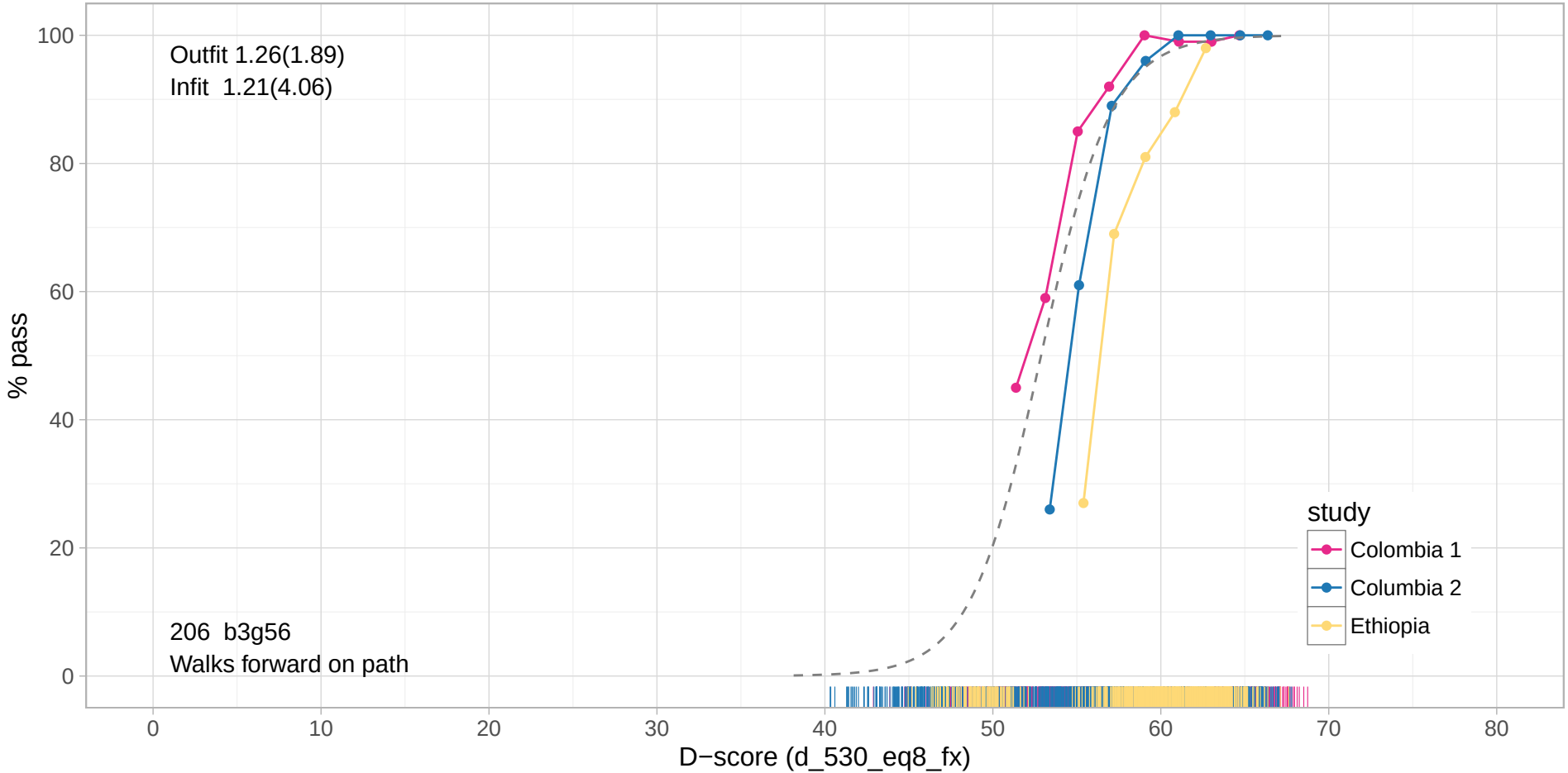

Outfit 0.85(−2.19)
Infit 0.89(−2.88)
201 b3g47
Walks Up Stairs Series: Both feet on each step, with support.
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

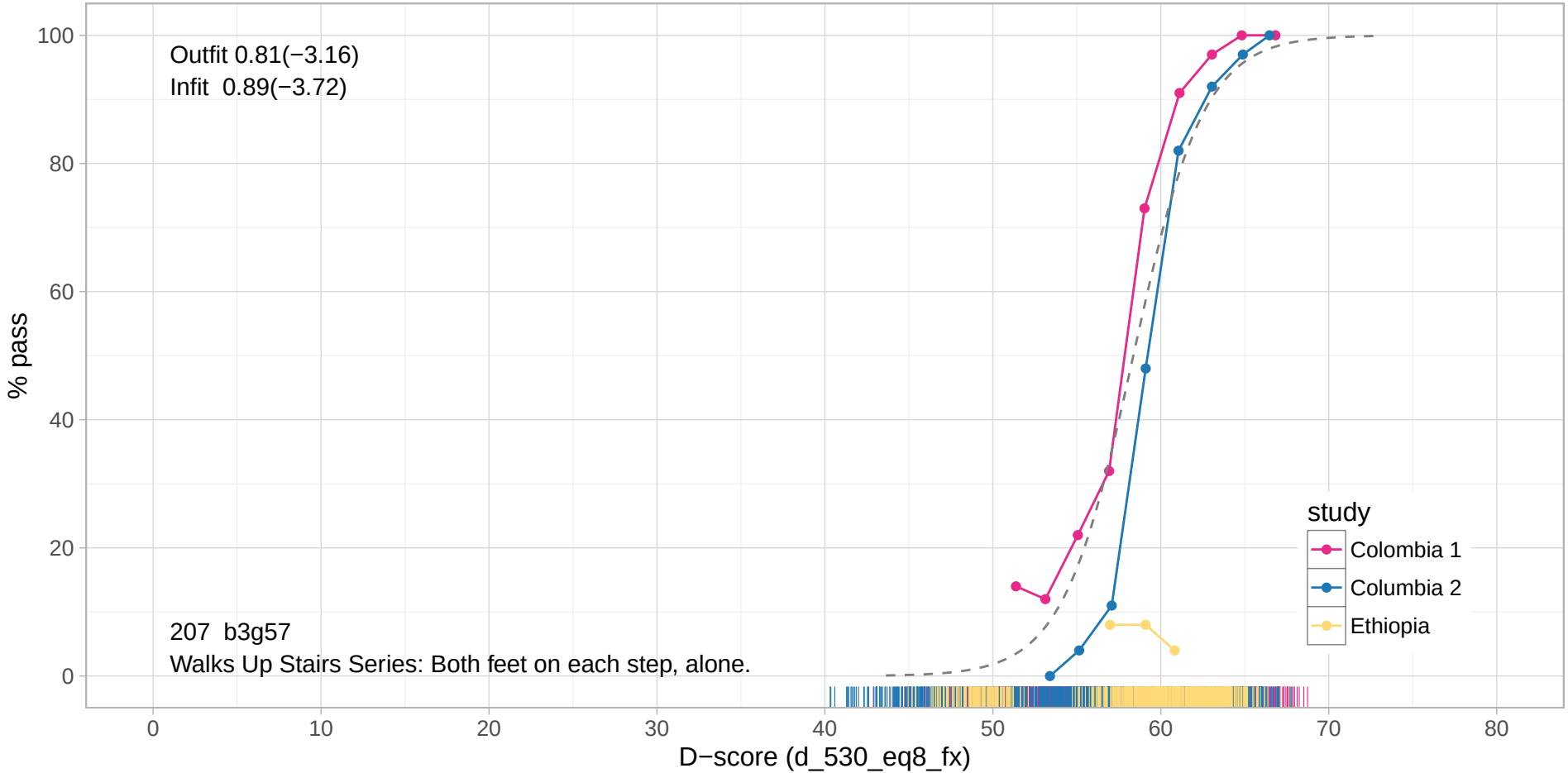

Outfit 0.77(−3.08)
Infit 0.88(−3.47)
202 b3g49
Walks Down Stairs Series: Both feet on each step, with support
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

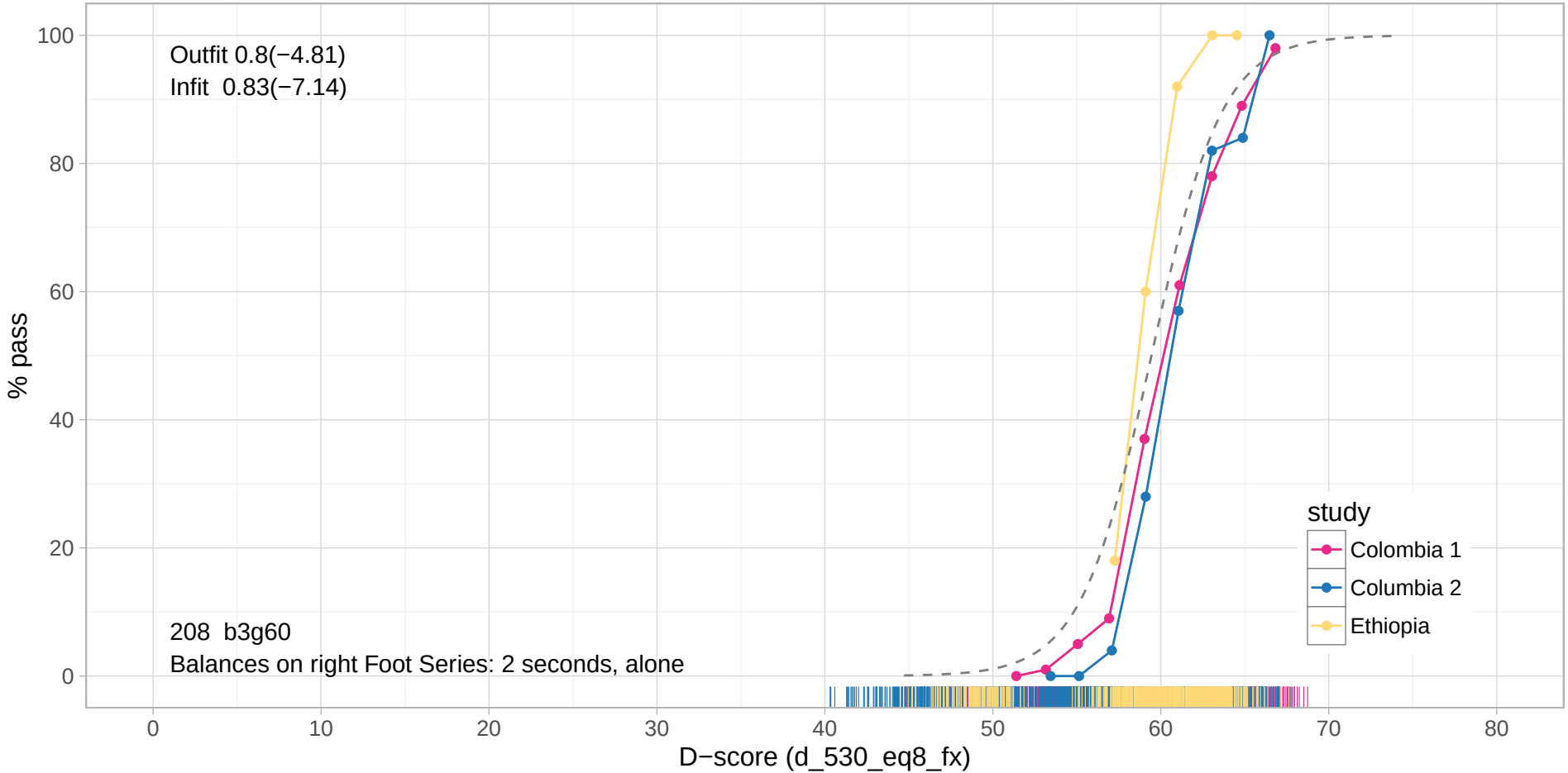

Outfit 0.77(−4.59)
Infit 0.83(−6.15)
203 b3g53
Walks sideways without support
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

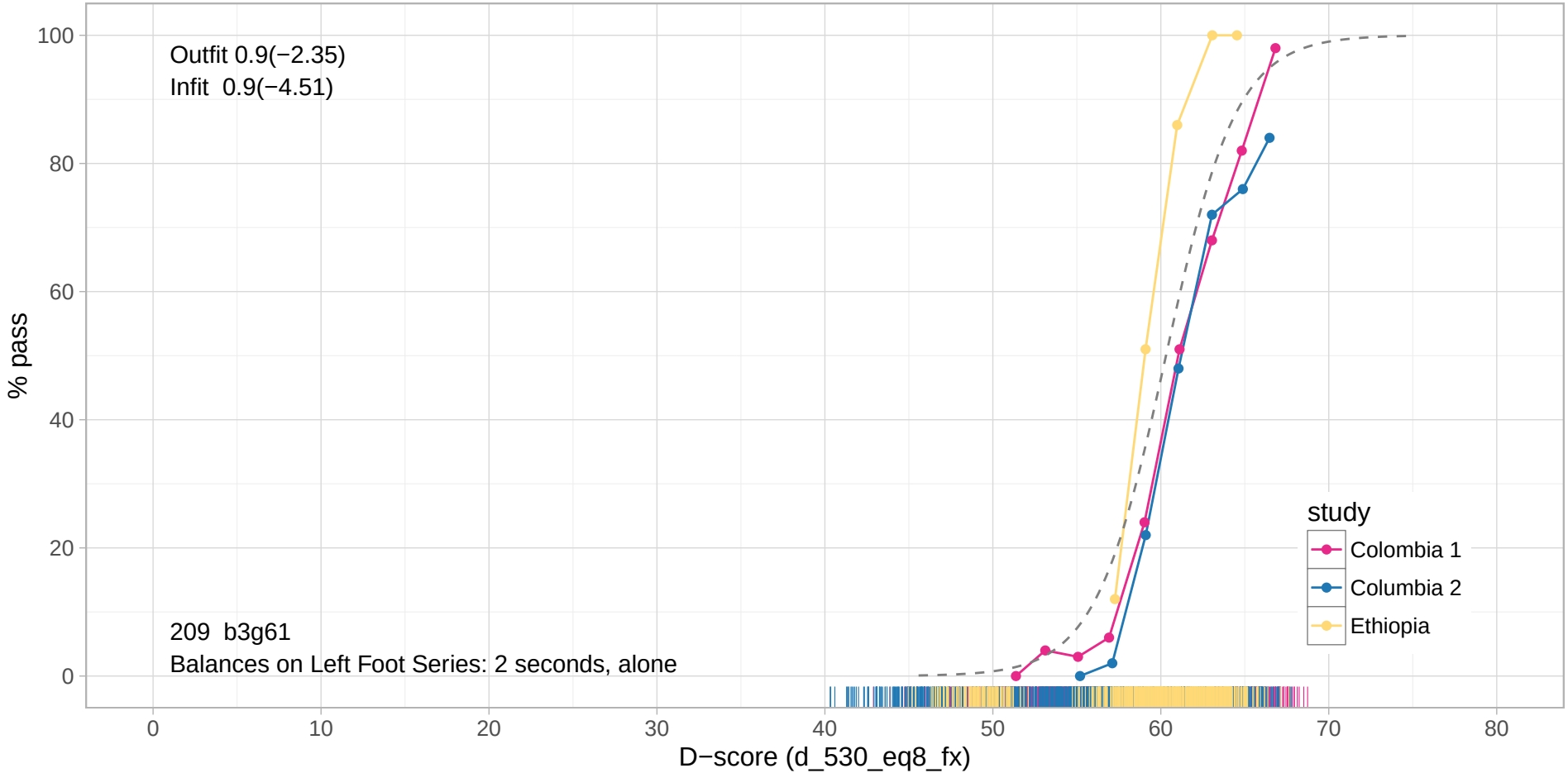

Outfit 0.96(−0.65)
Infit 1.01(0.18)
204 b3g54
Jumps from bottom step
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

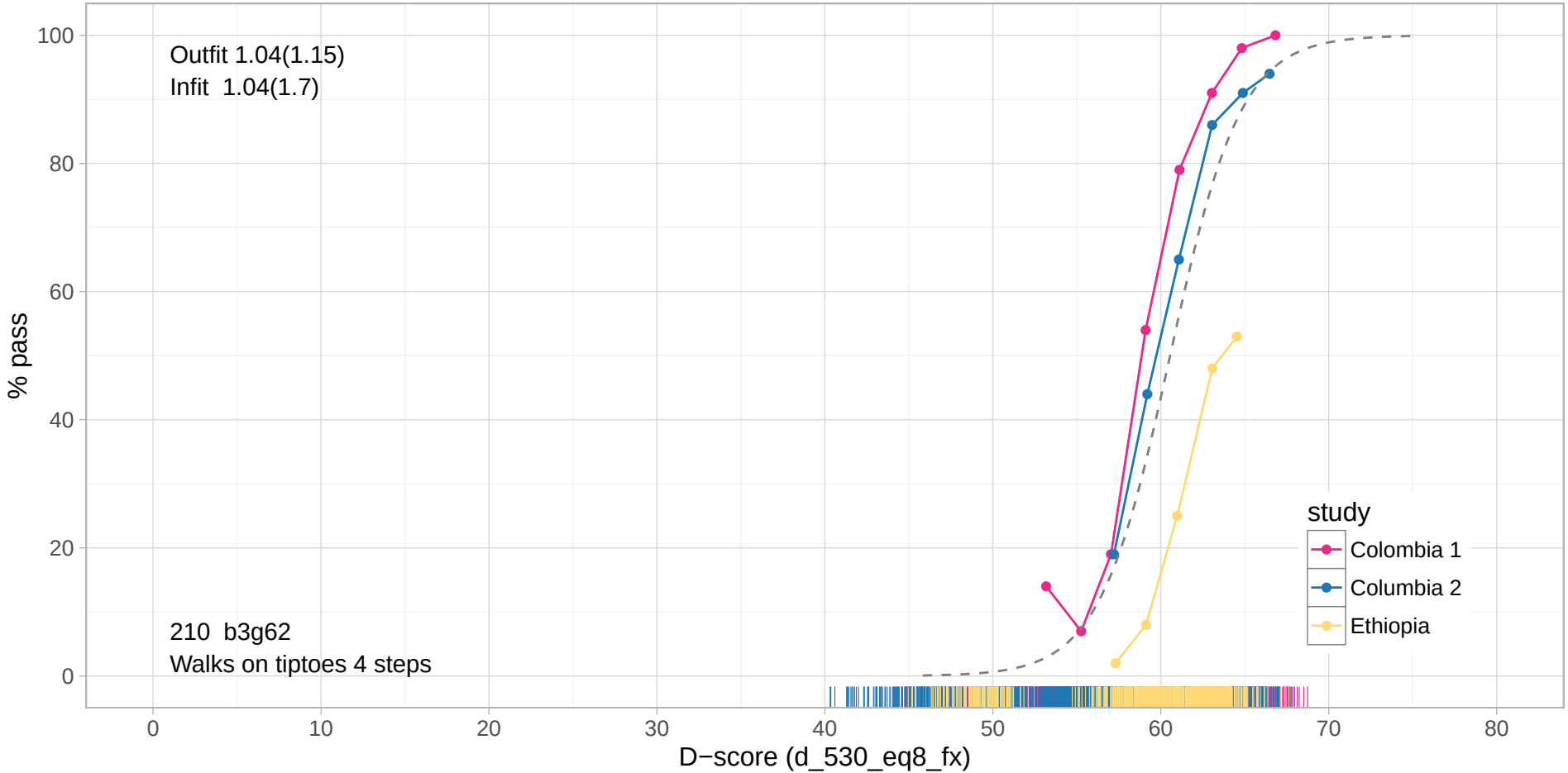

Outfit 1.11(0.85)
Infit 1.06(1.19)
205 b3g55
Kicks ball
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

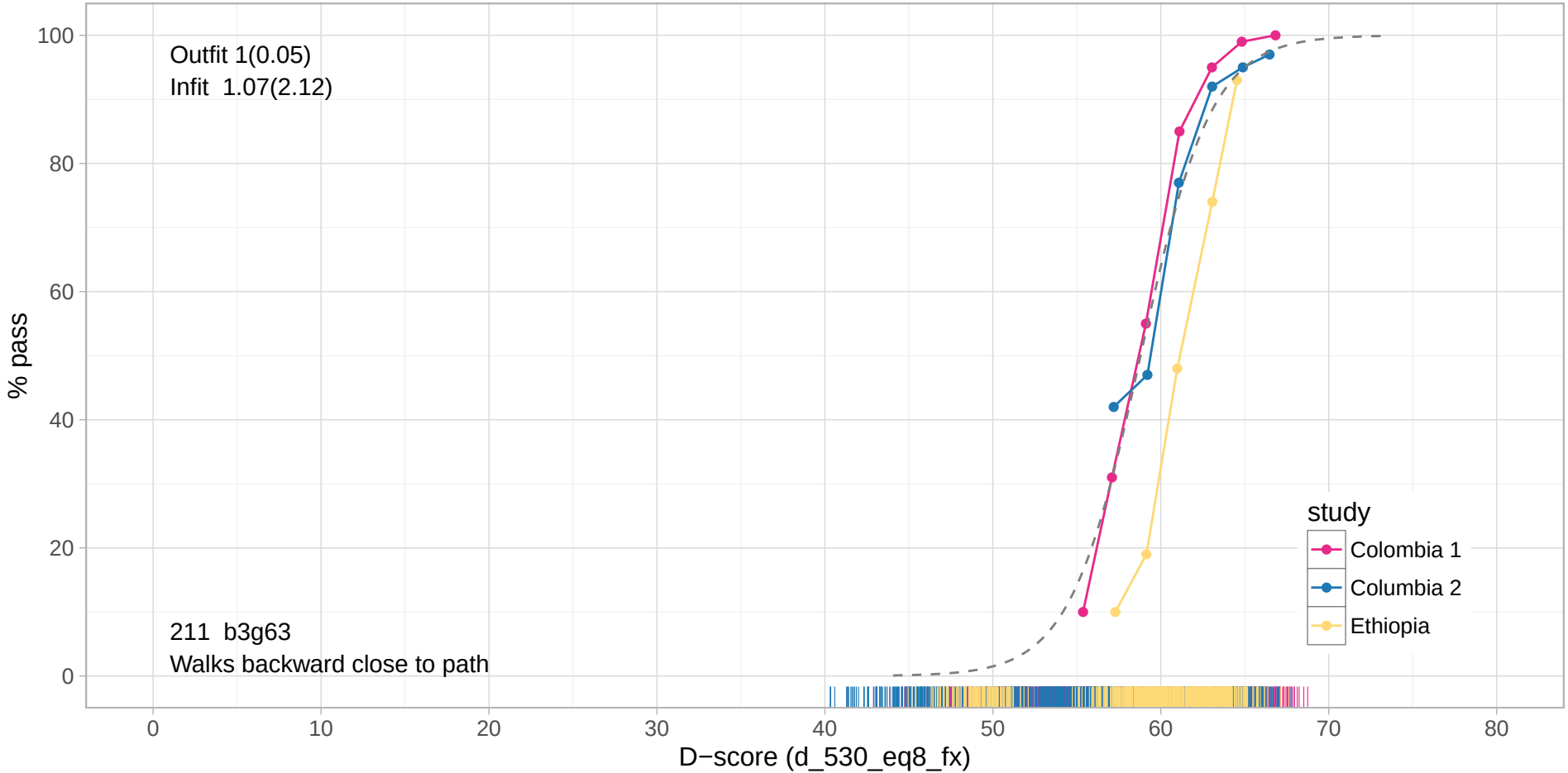

Outfit 1.26(1.89)
Infit 1.21(4.06)
206 b3g56
Walks forward on path
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

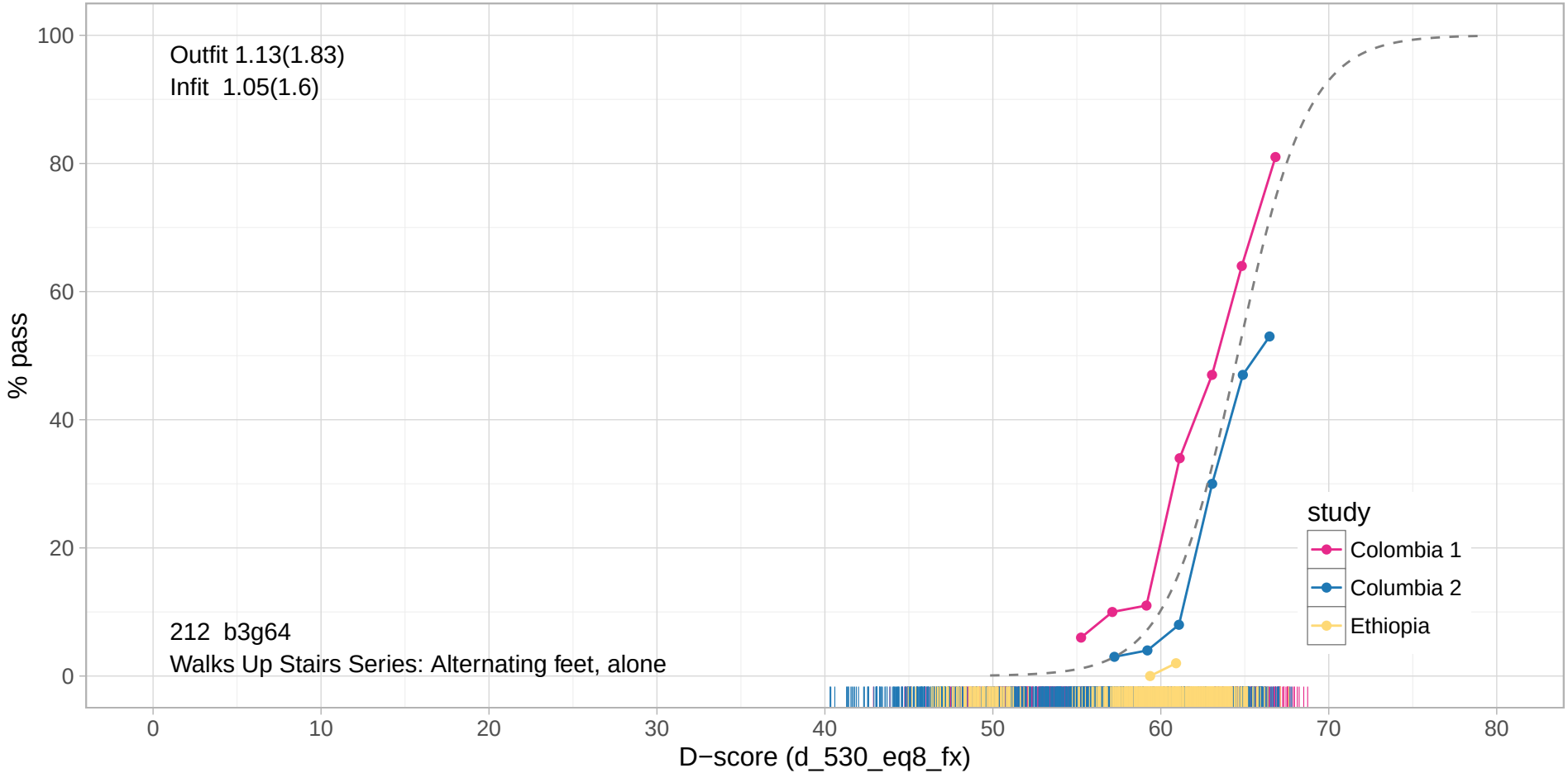

Outfit 0.81(−3.16)
Infit 0.89(−3.72)
207 b3g57
Walks Up Stairs Series: Both feet on each step, alone.
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

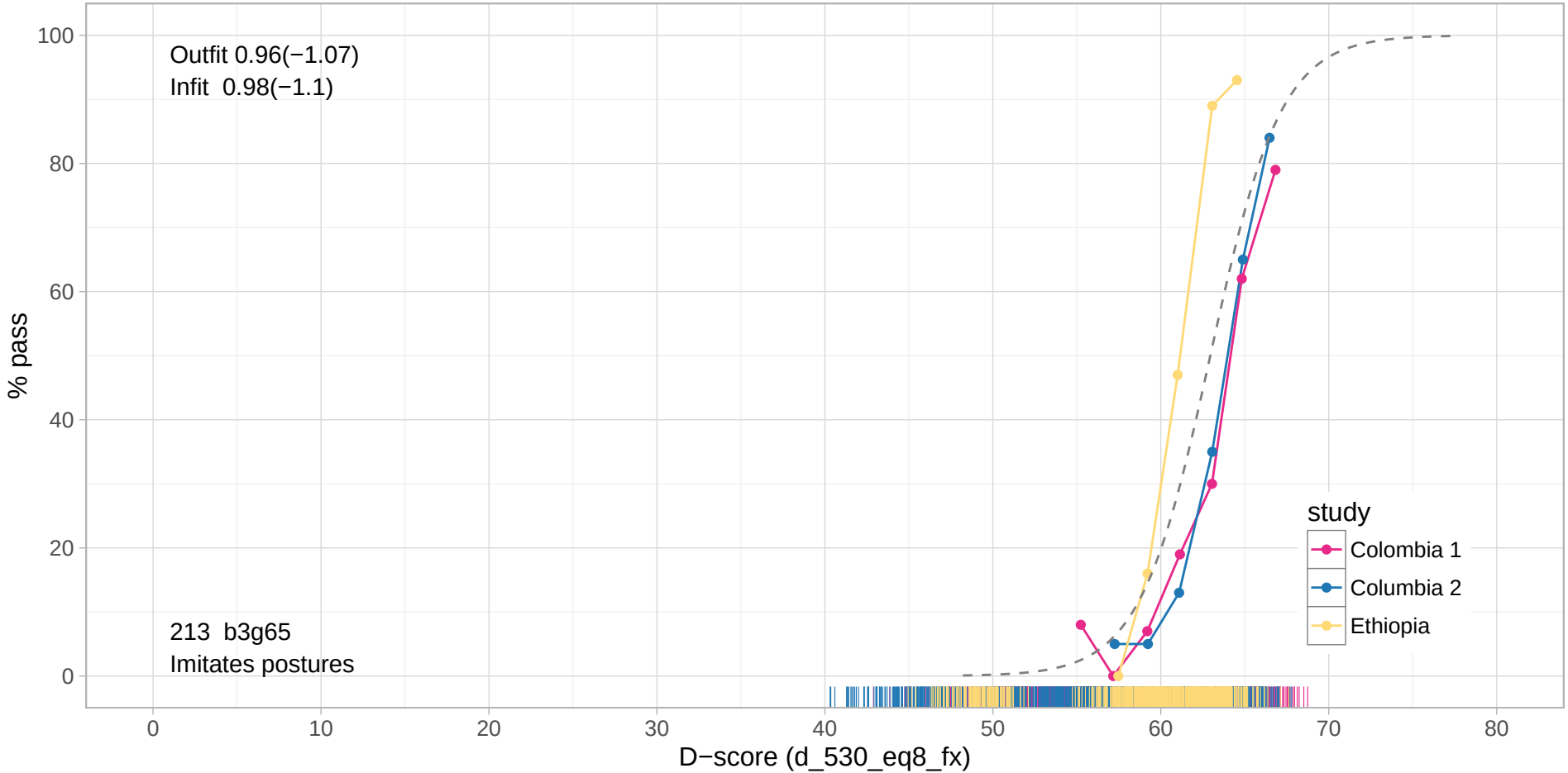

Outfit 0.8(−4.81)
Infit 0.83(−7.14)
208 b3g60
Balances on right Foot Series: 2 seconds, alone
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

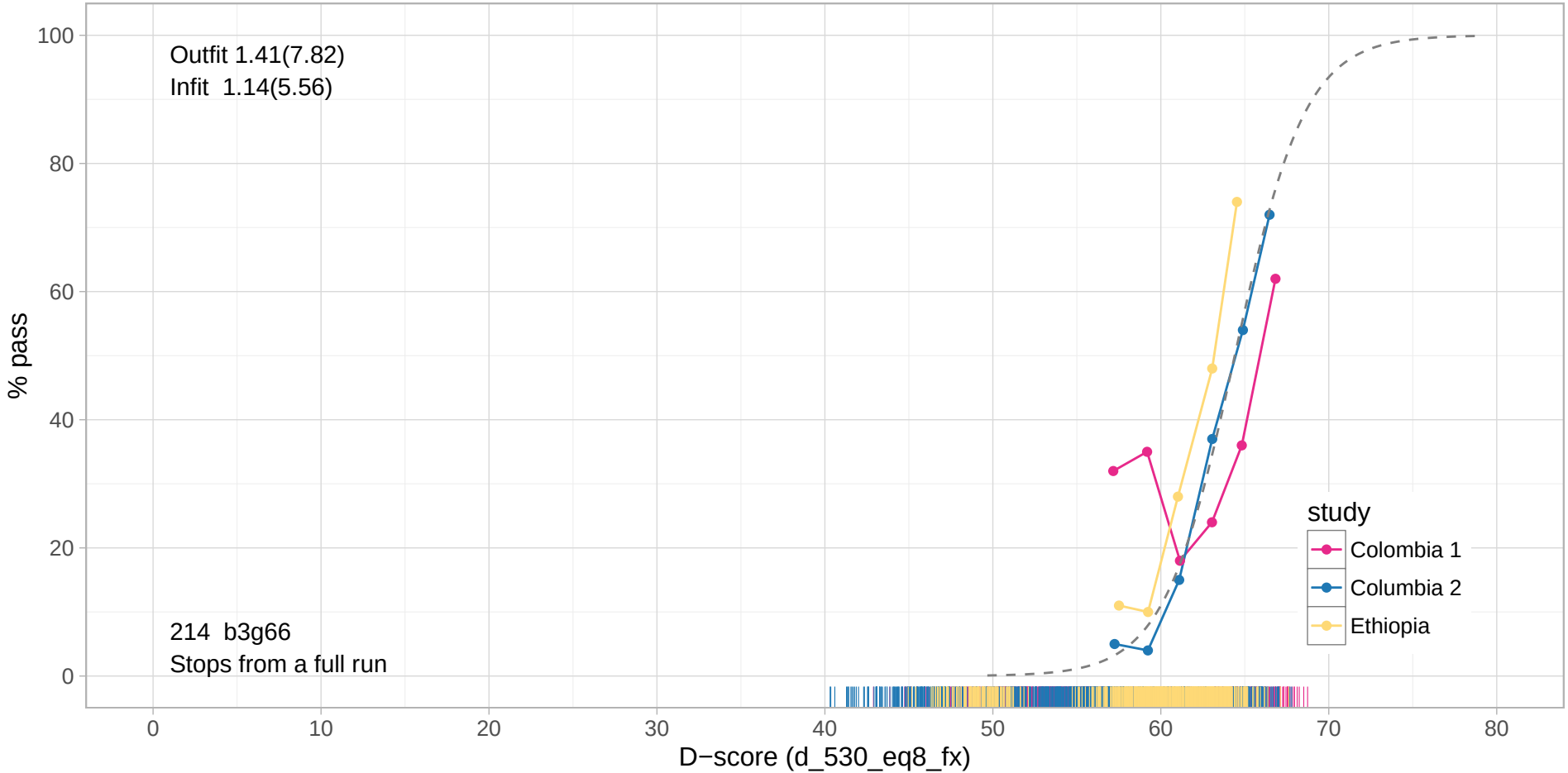

Outfit 0.9(−2.35)
Infit 0.9(−4.51)
209 b3g61
Balances on Left Foot Series: 2 seconds, alone
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

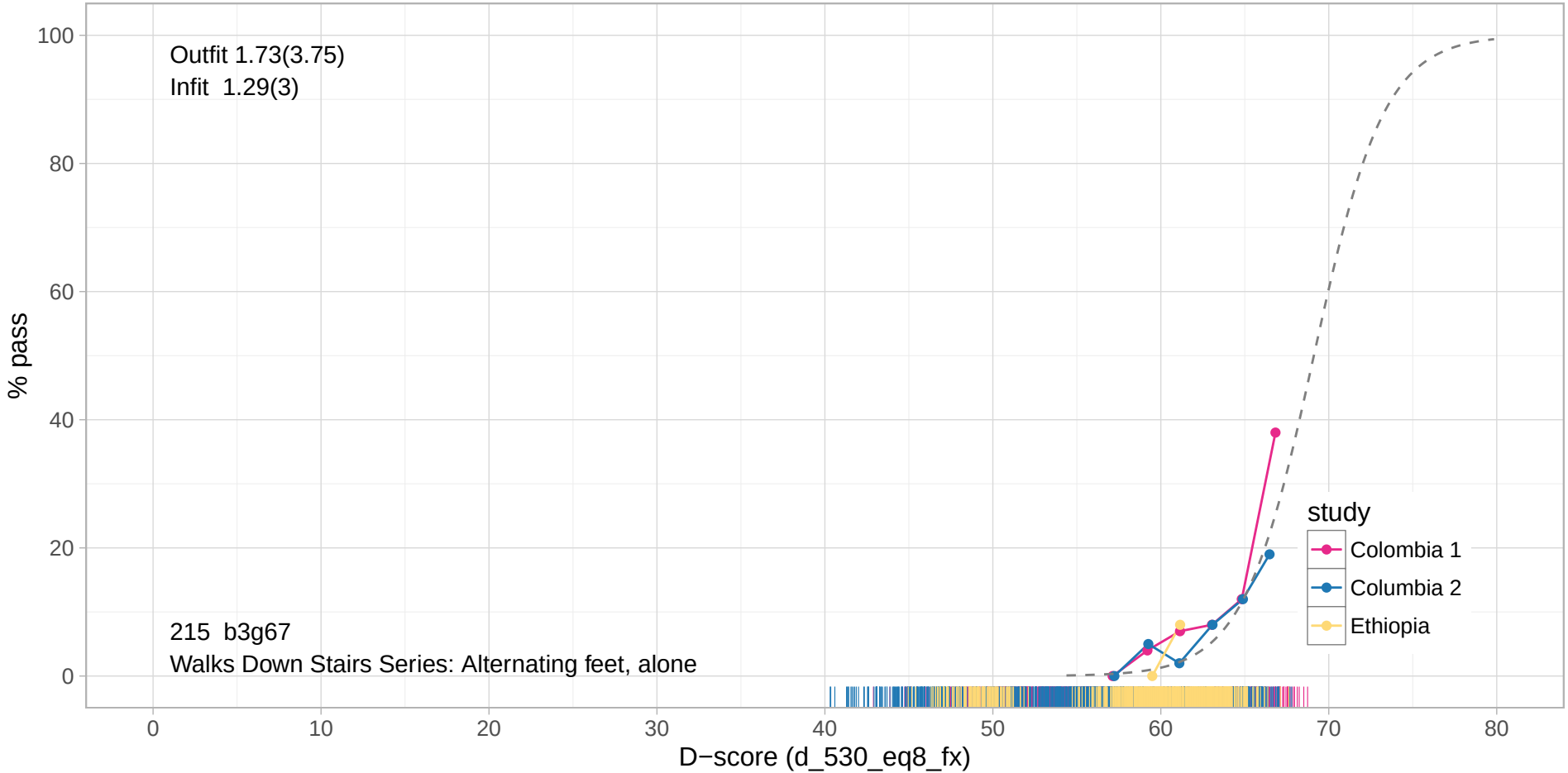

Outfit 1.04(1.15)
Infit 1.04(1.7)
210 b3g62
Walks on tiptoes 4 steps
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

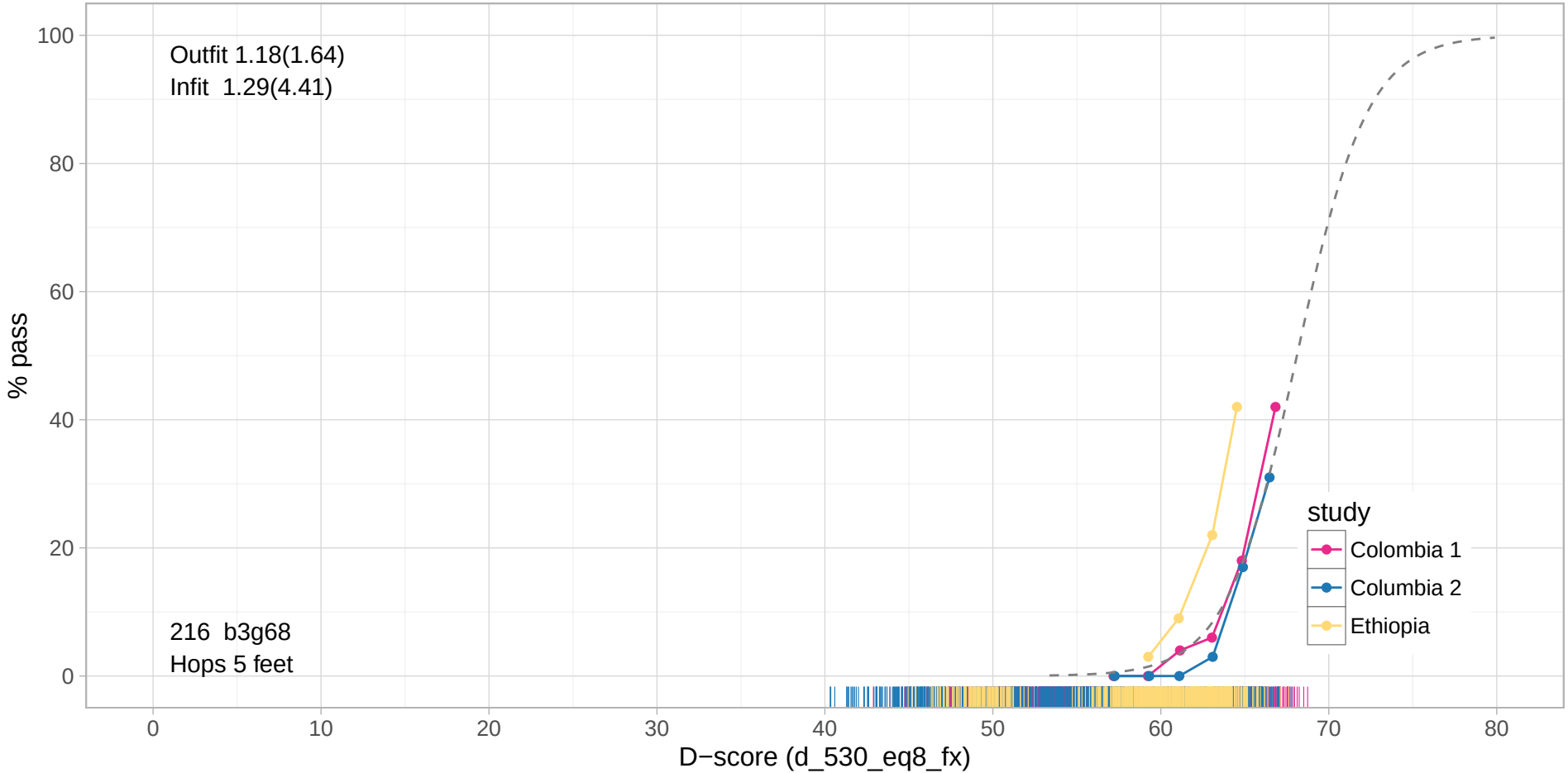

Outfit 1(0.05)
Infit 1.07(2.12)
211 b3g63
Walks backward close to path
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

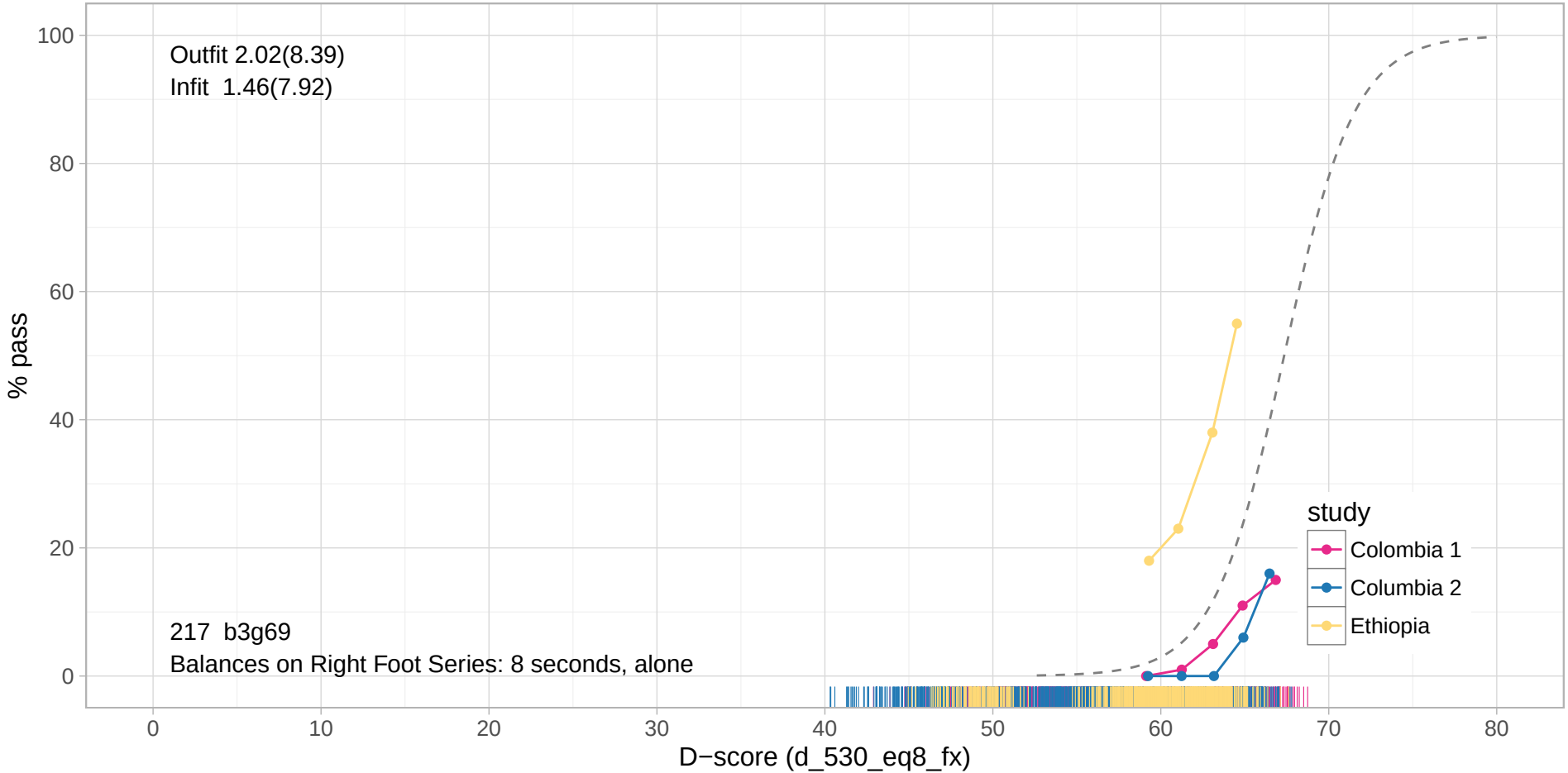

Outfit 1.13(1.83)
Infit 1.05(1.6)
212 b3g64
Walks Up Stairs Series: Alternating feet, alone
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

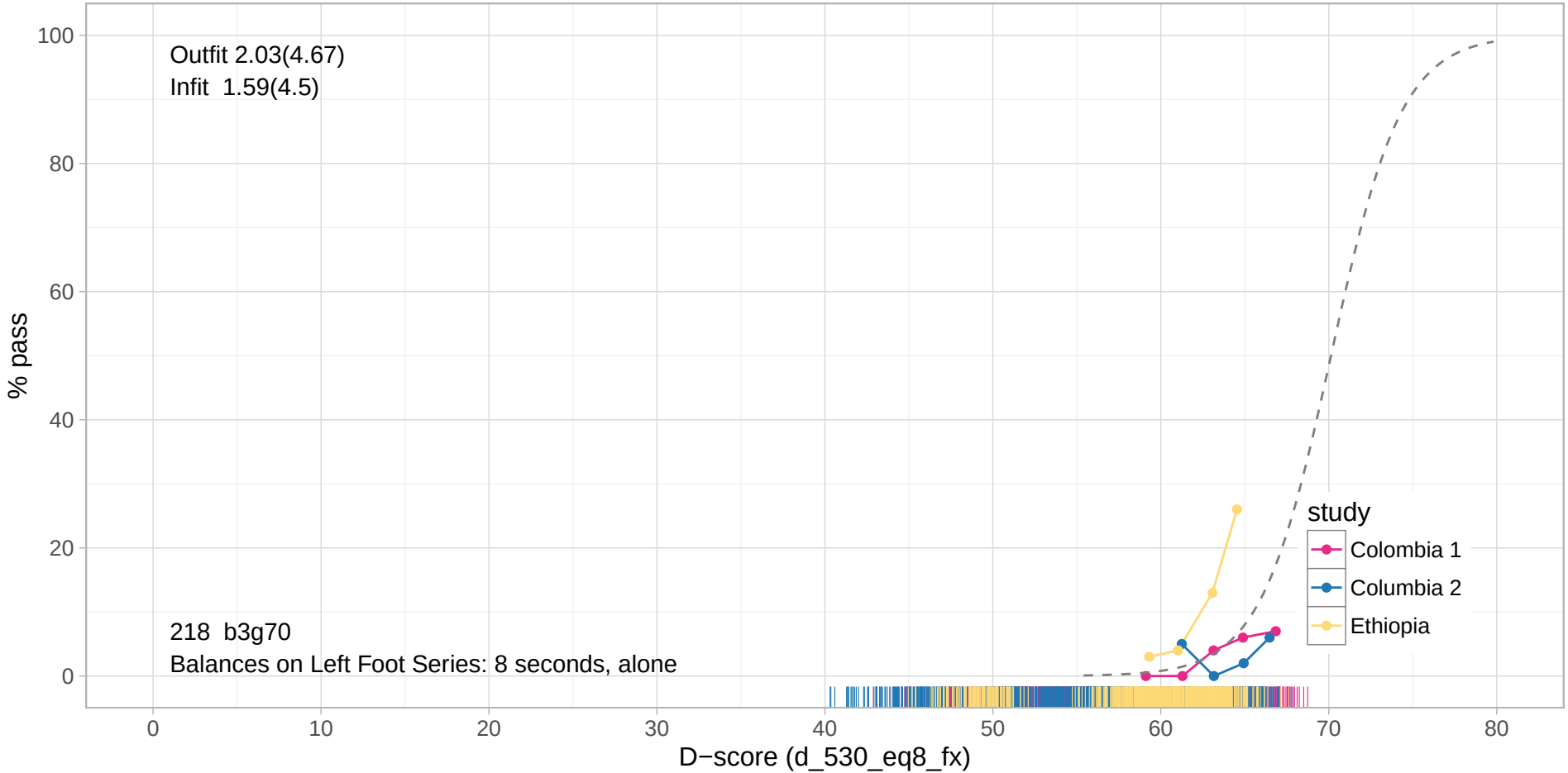

Outfit 0.96(−1.07)
Infit 0.98(−1.1)
213 b3g65
Imitates postures
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

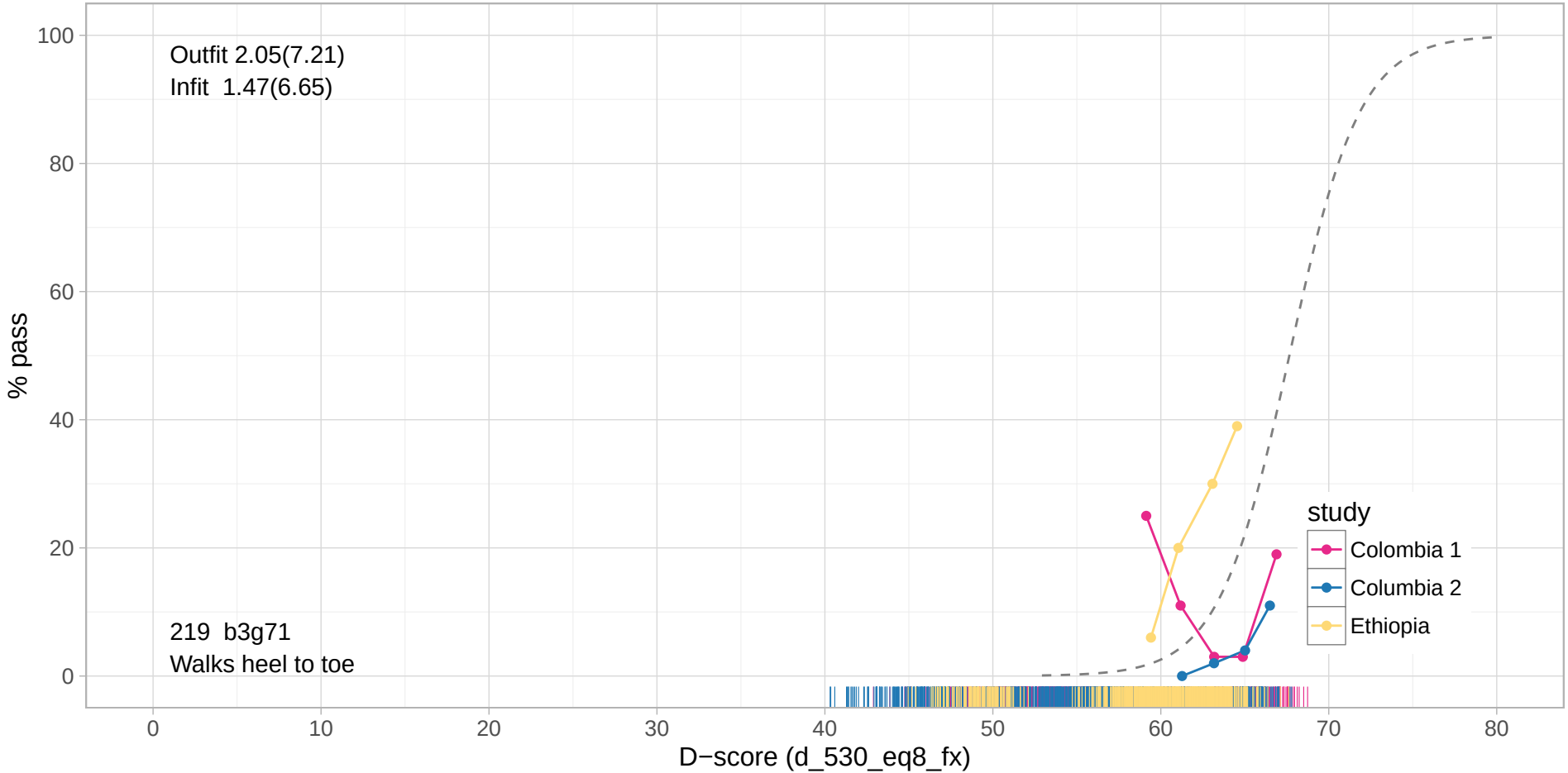

Outfit 1.41(7.82)
Infit 1.14(5.56)
214 b3g66
Stops from a full run
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

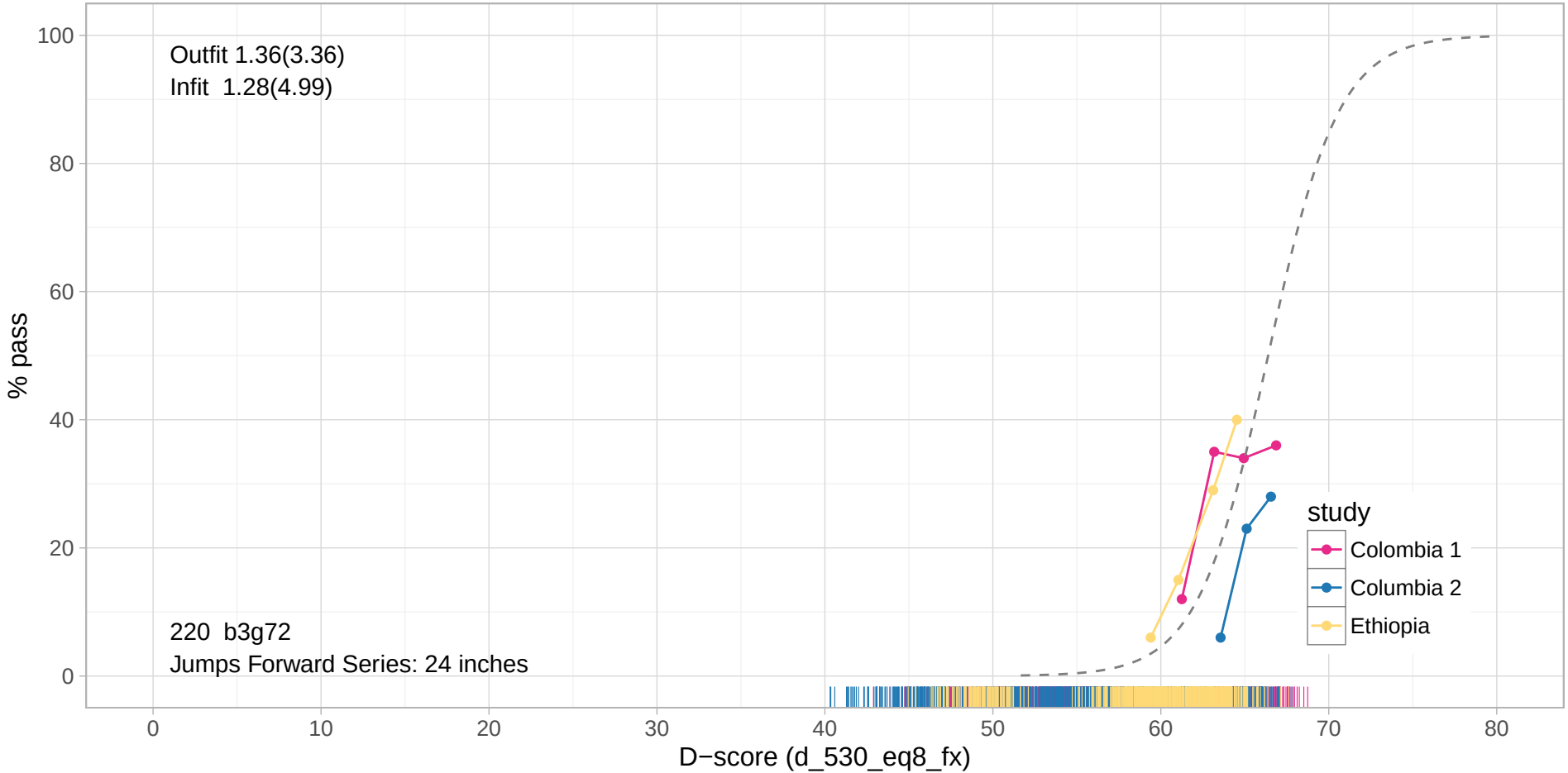

Outfit 1.73(3.75)
Infit 1.29(3)
215 b3g67
Walks Down Stairs Series: Alternating feet, alone
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

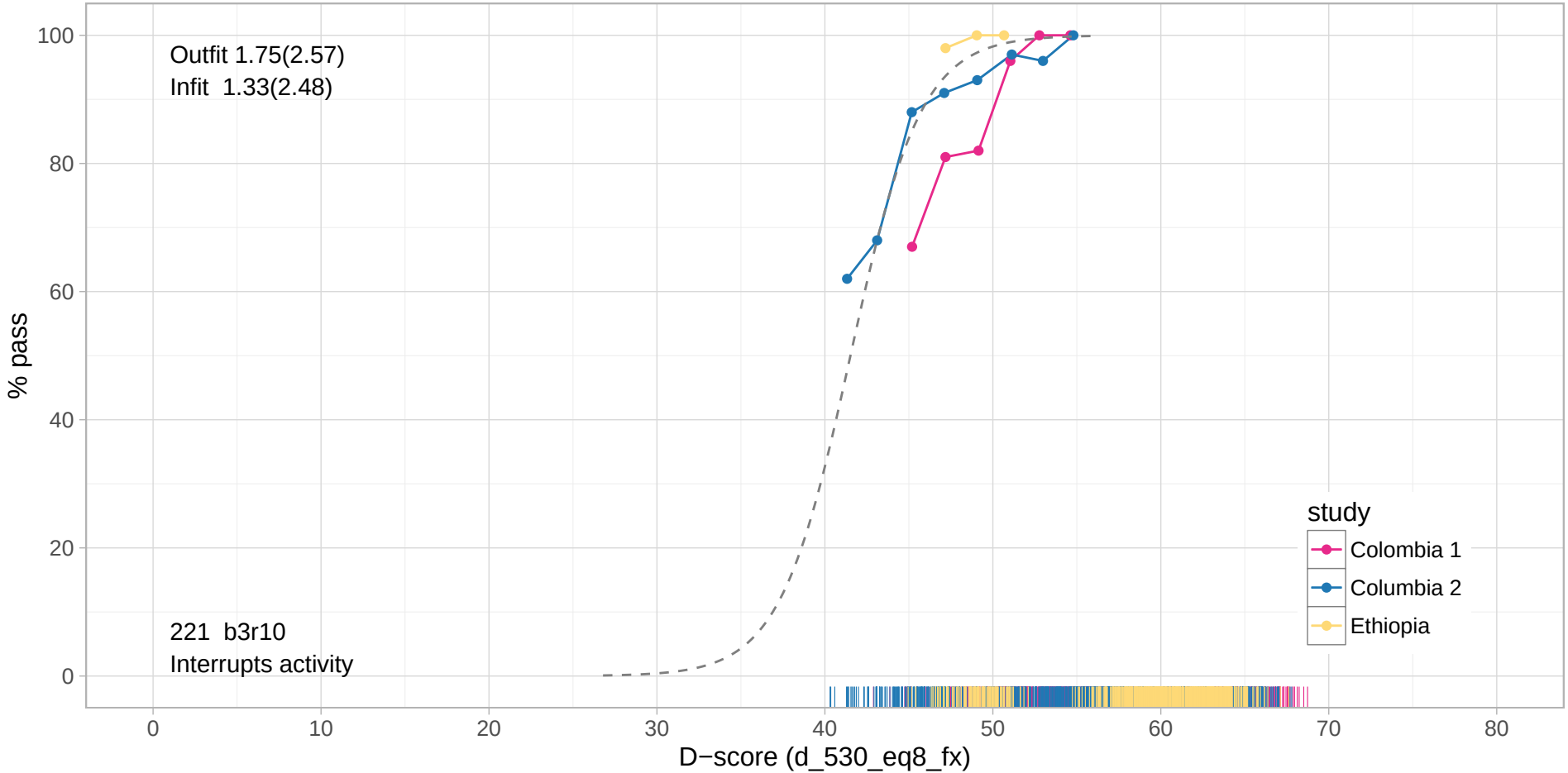

Outfit 1.18(1.64)
Infit 1.29(4.41)
216 b3g68
Hops 5 feet
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

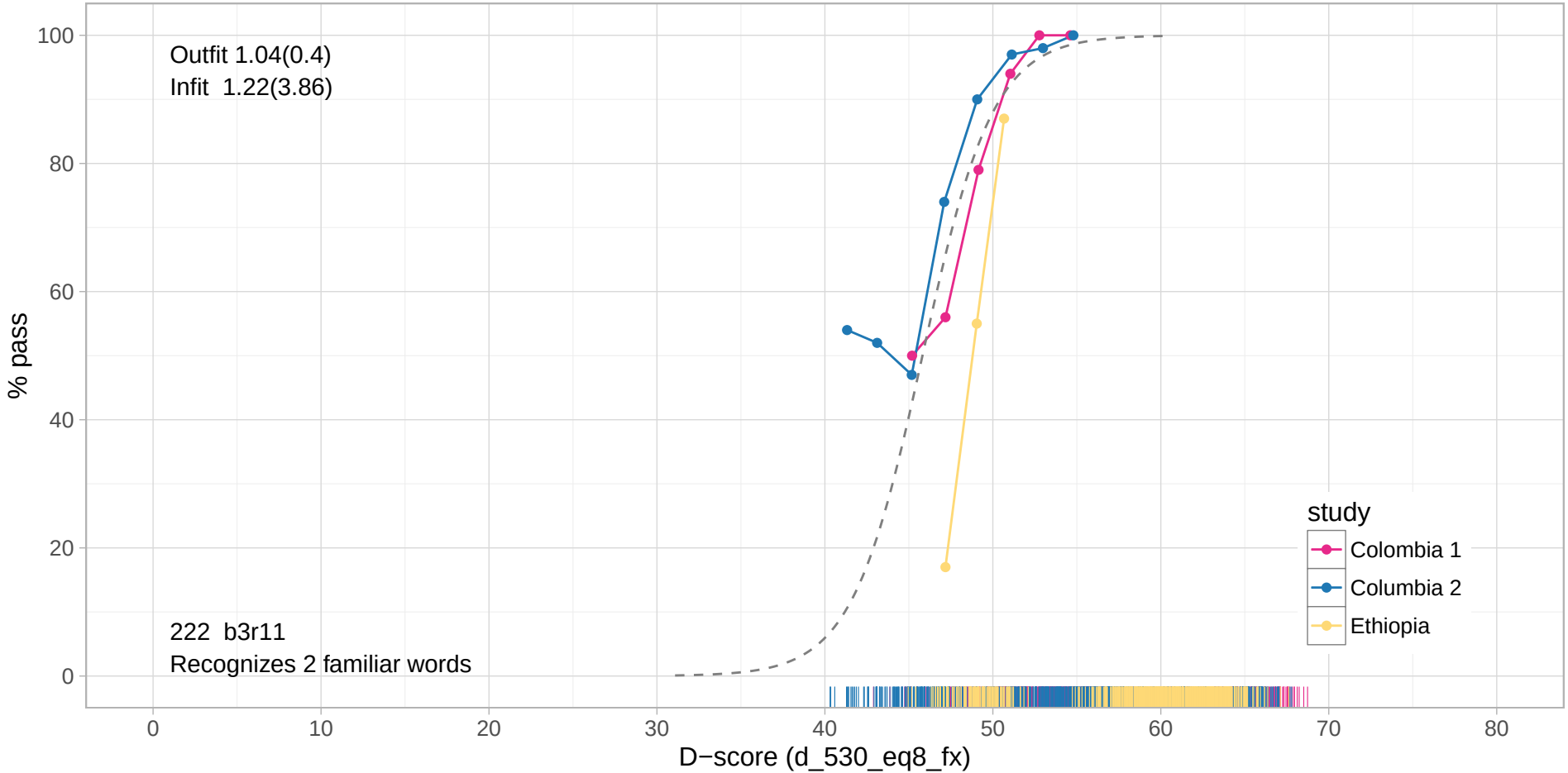

Outfit 2.02(8.39)
Infit 1.46(7.92)
217 b3g69
Balances on Right Foot Series: 8 seconds, alone
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

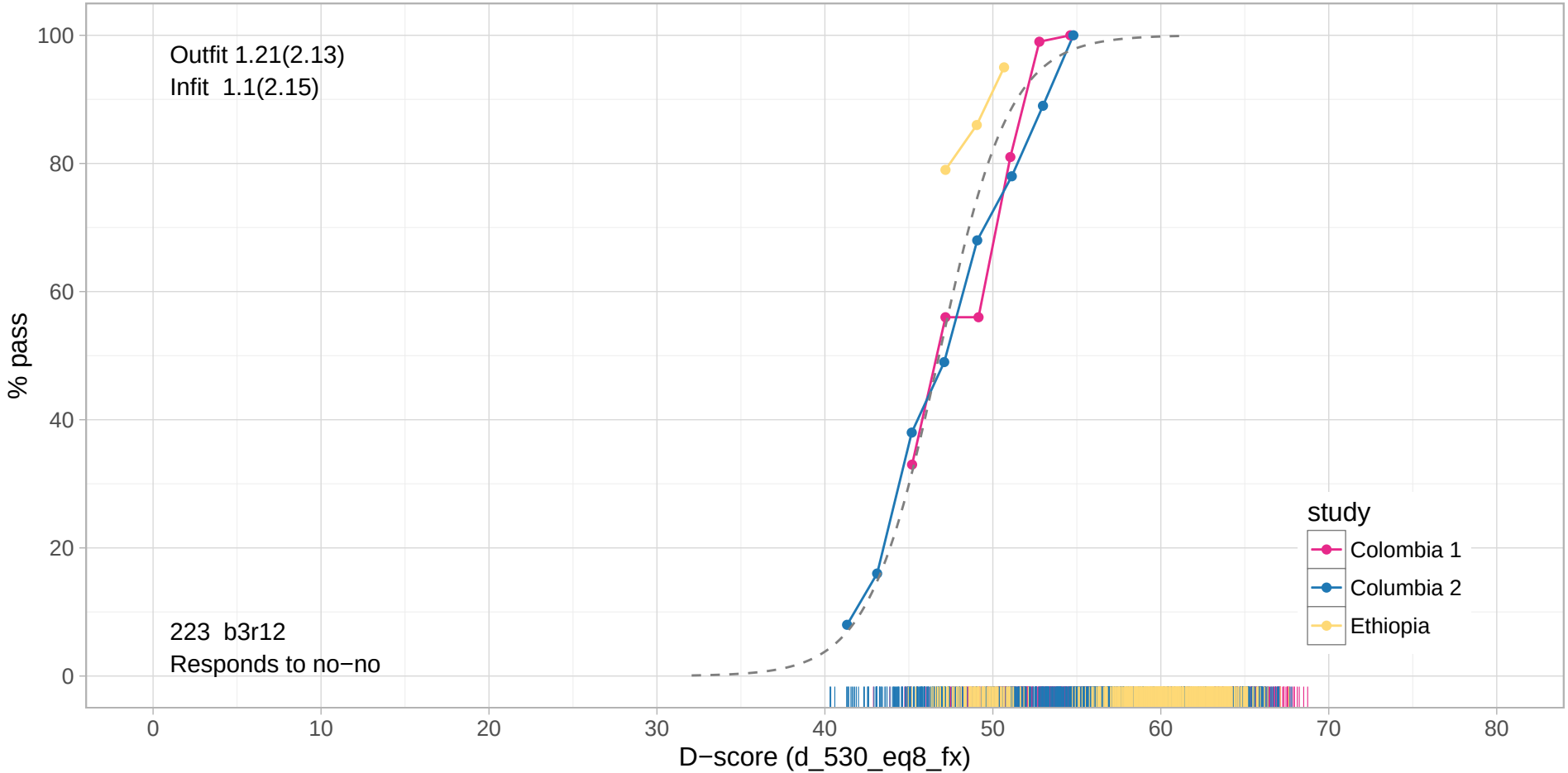

Outfit 2.03(4.67)
Infit 1.59(4.5)
218 b3g70
Balances on Left Foot Series: 8 seconds, alone
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

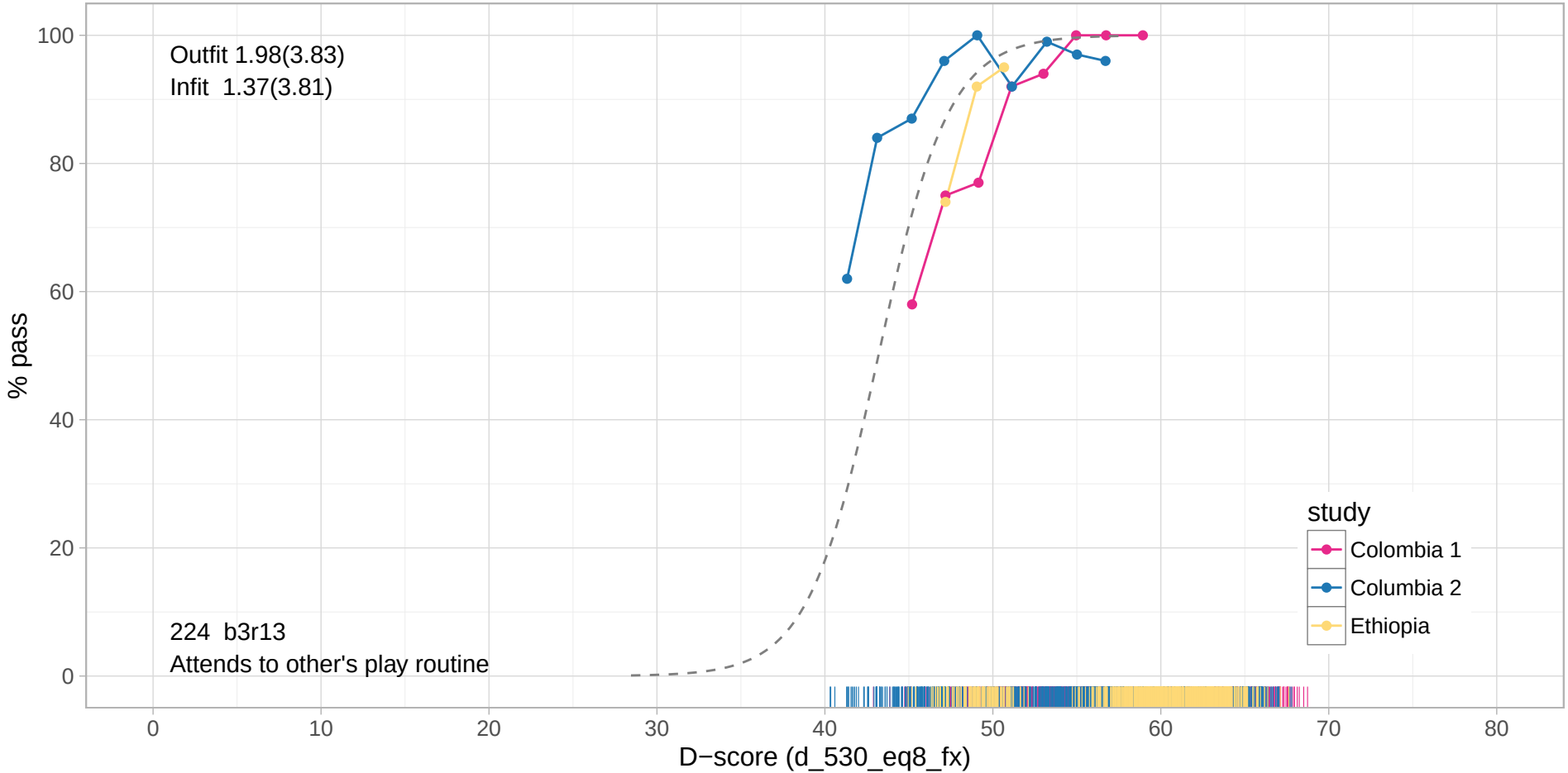

Outfit 2.05(7.21)
Infit 1.47(6.65)
219 b3g71
Walks heel to toe
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

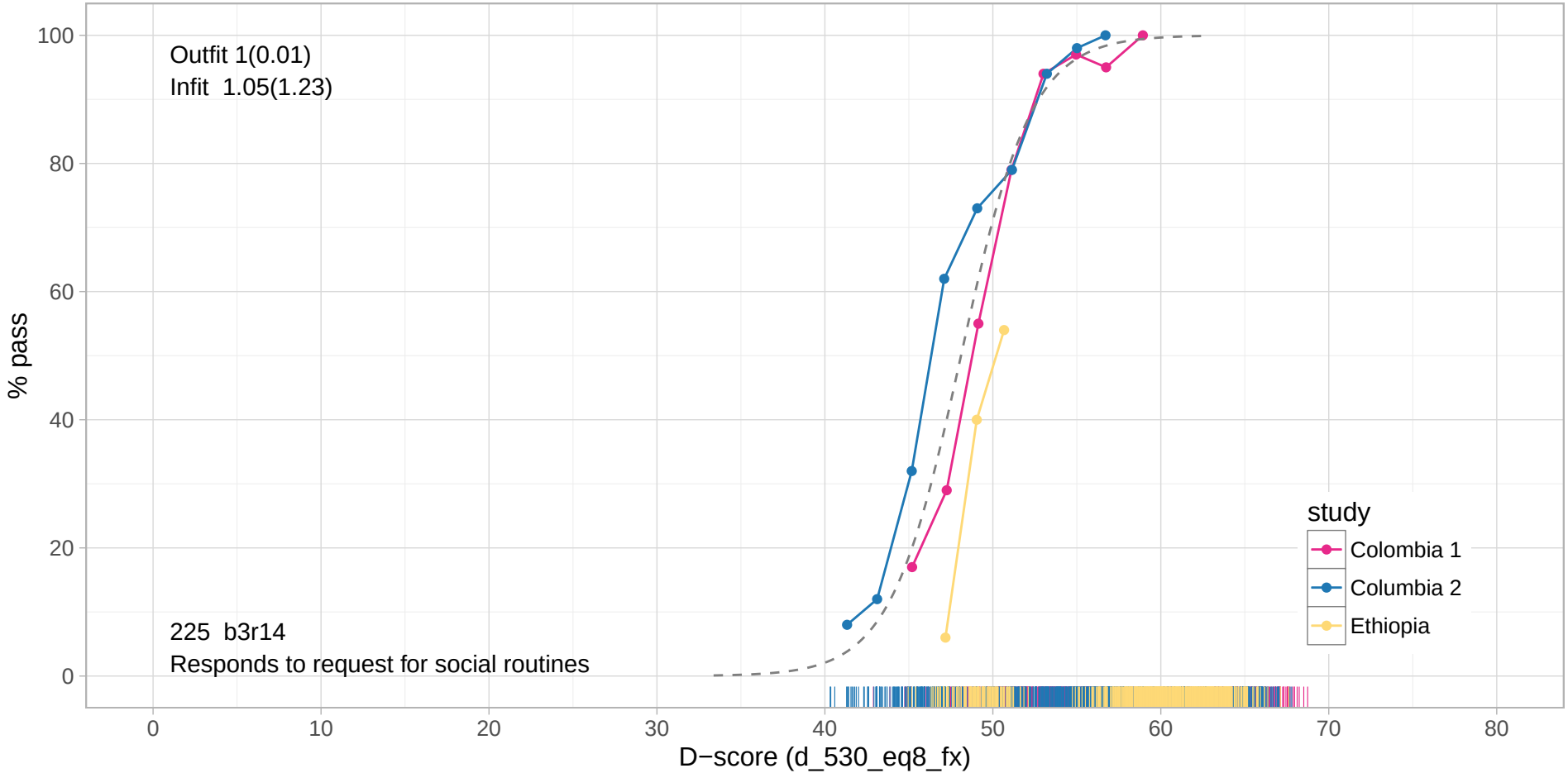

Outfit 1.36(3.36)
Infit 1.28(4.99)
220 b3g72
Jumps Forward Series: 24 inches
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

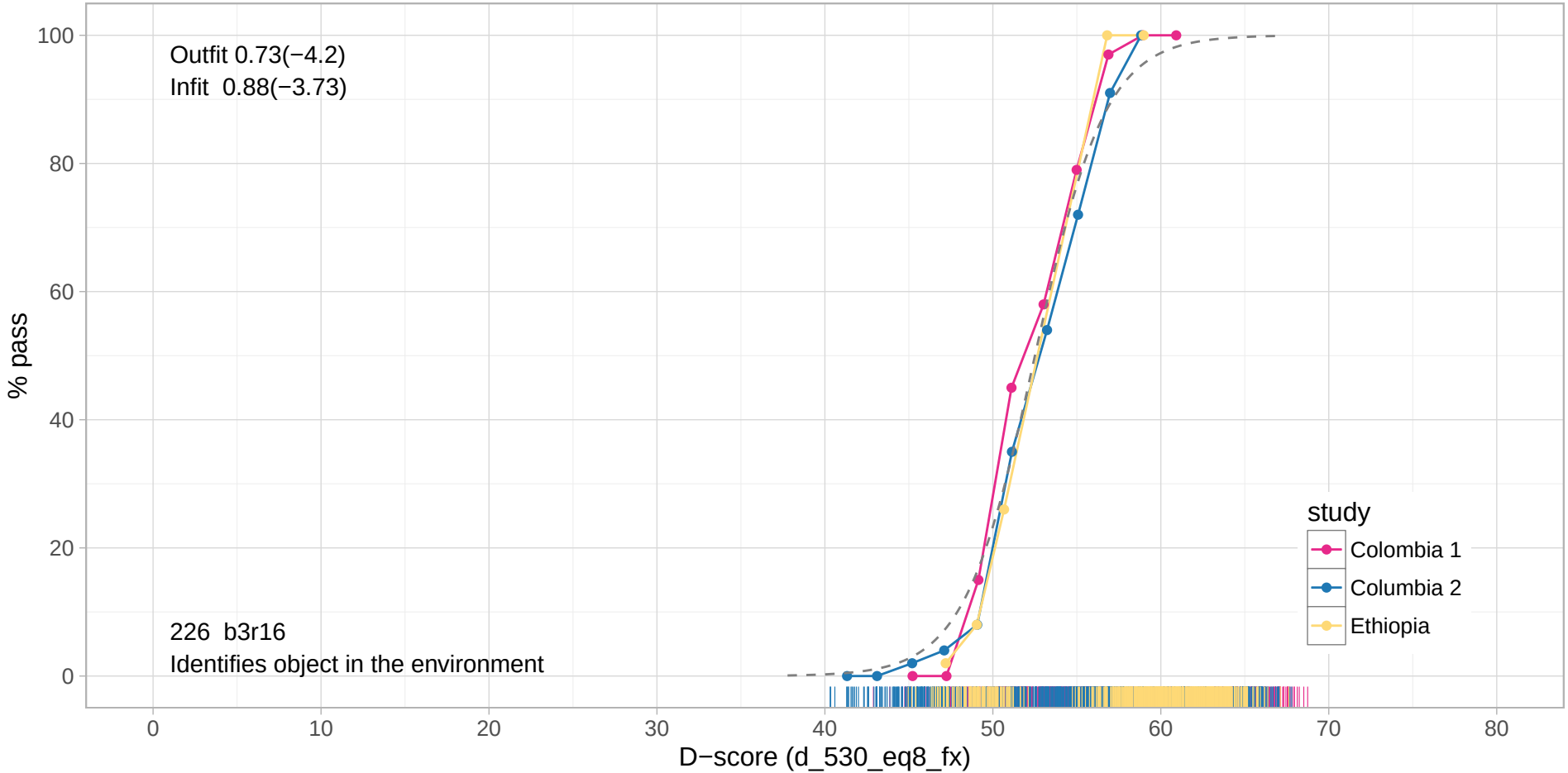

Outfit 1.75(2.57)
Infit 1.33(2.48)
221 b3r10
Interrupts activity
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

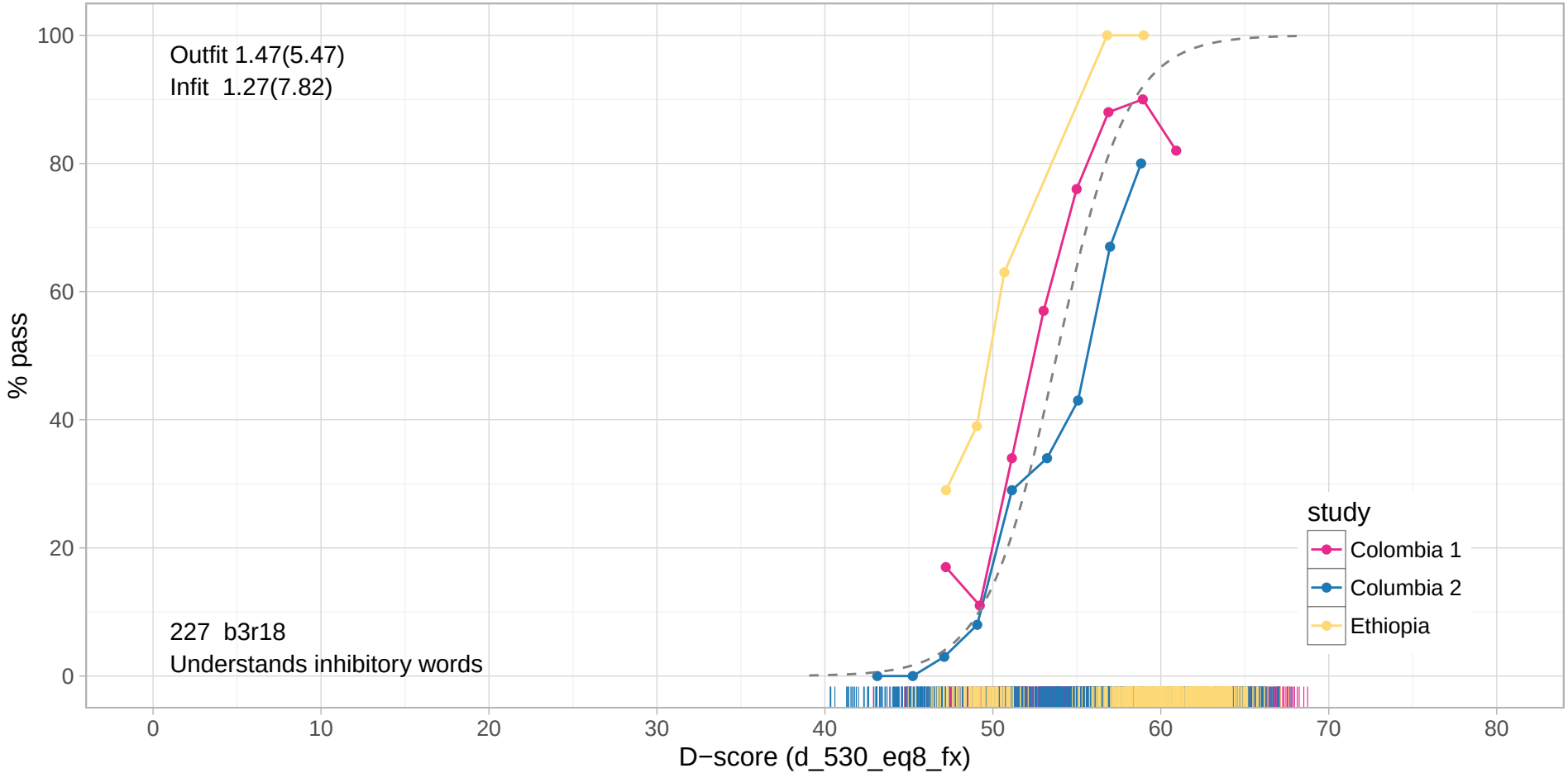

Outfit 1.04(0.4)
Infit 1.22(3.86)
222 b3r11
Recognizes 2 familiar words
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

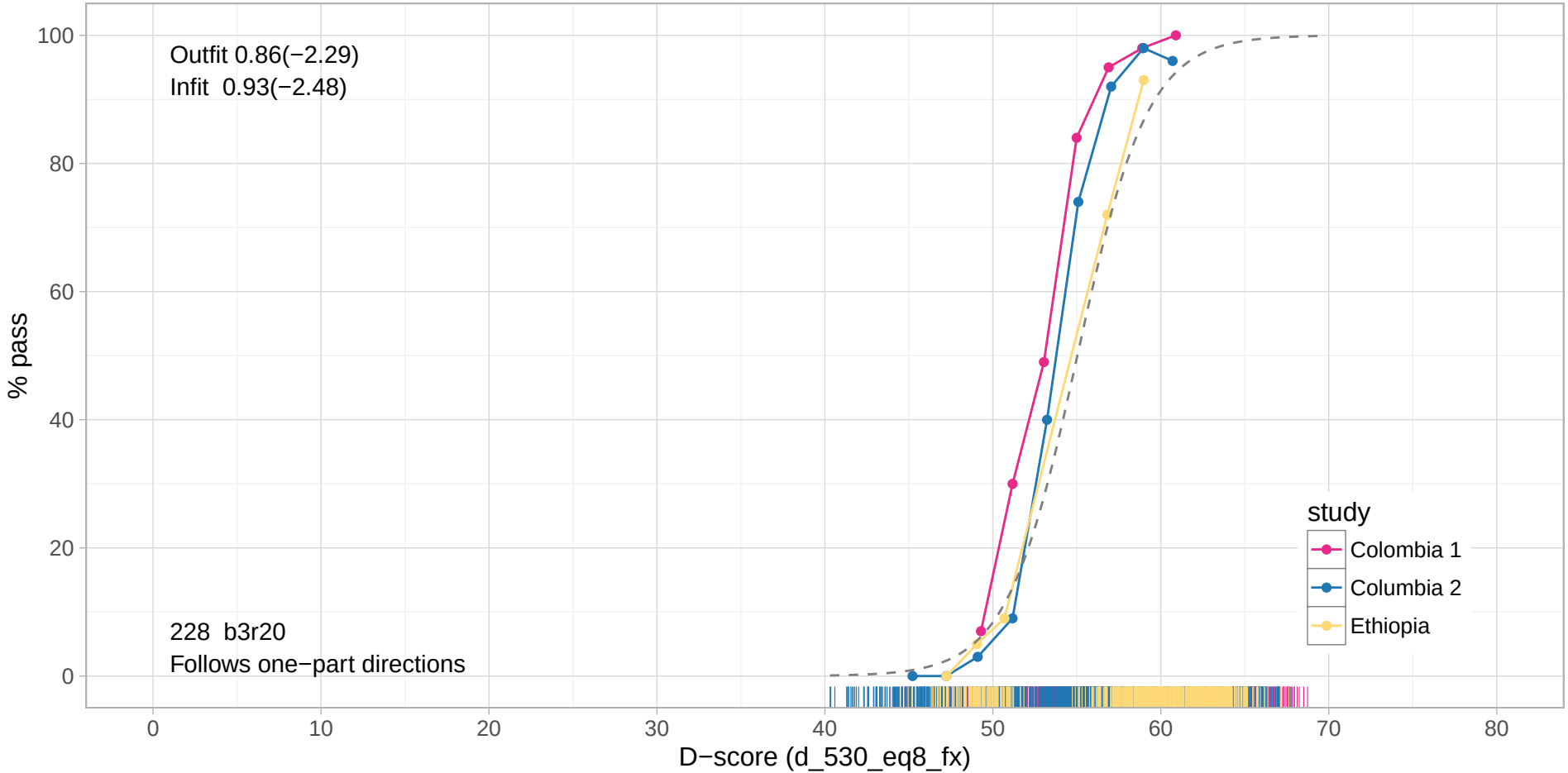

Outfit 1.21(2.13)
Infit 1.1(2.15)
223 b3r12
Responds to no−no
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

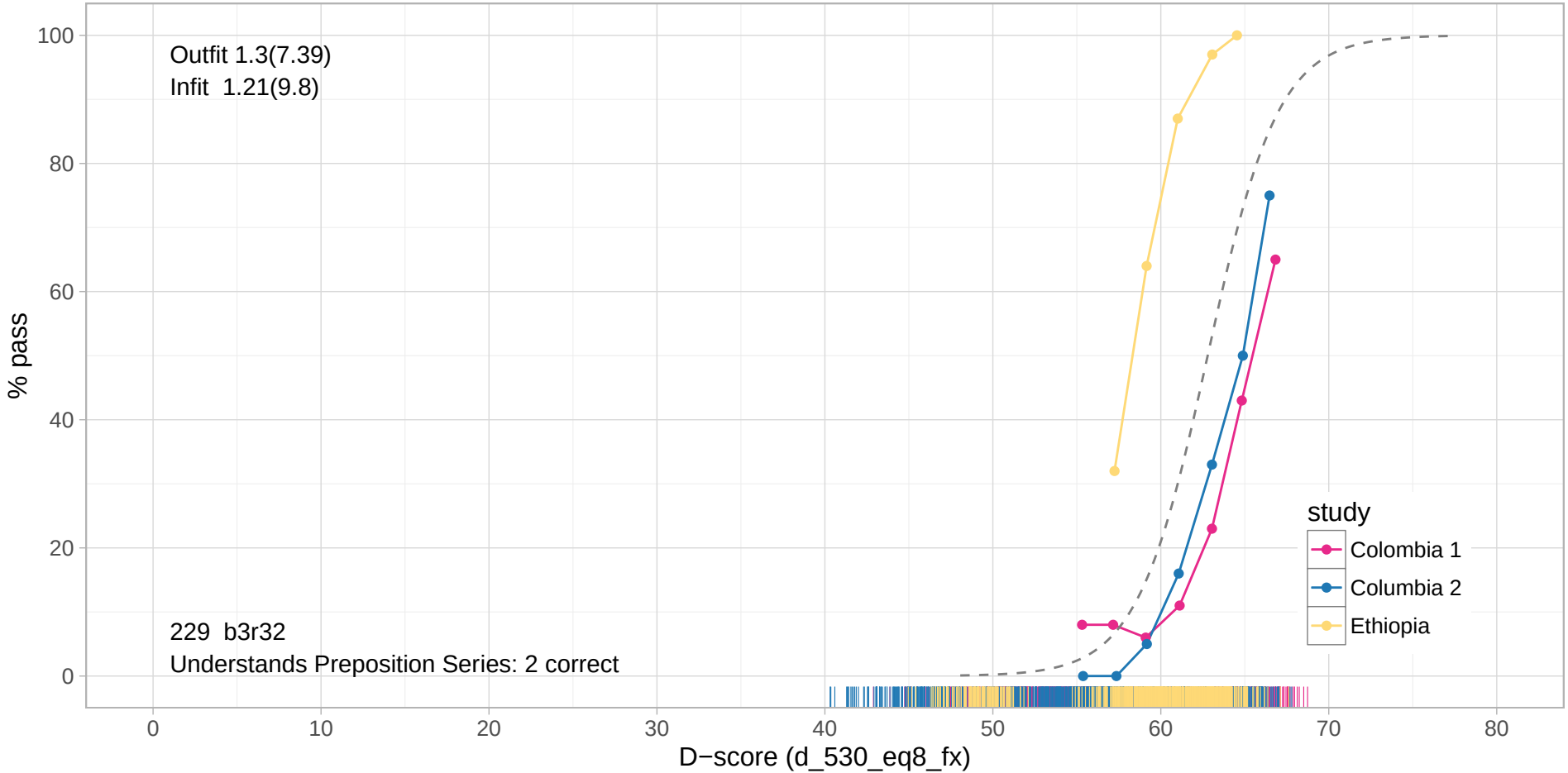

Outfit 1.98(3.83)
Infit 1.37(3.81)
224 b3r13
Attends to other's play routine
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

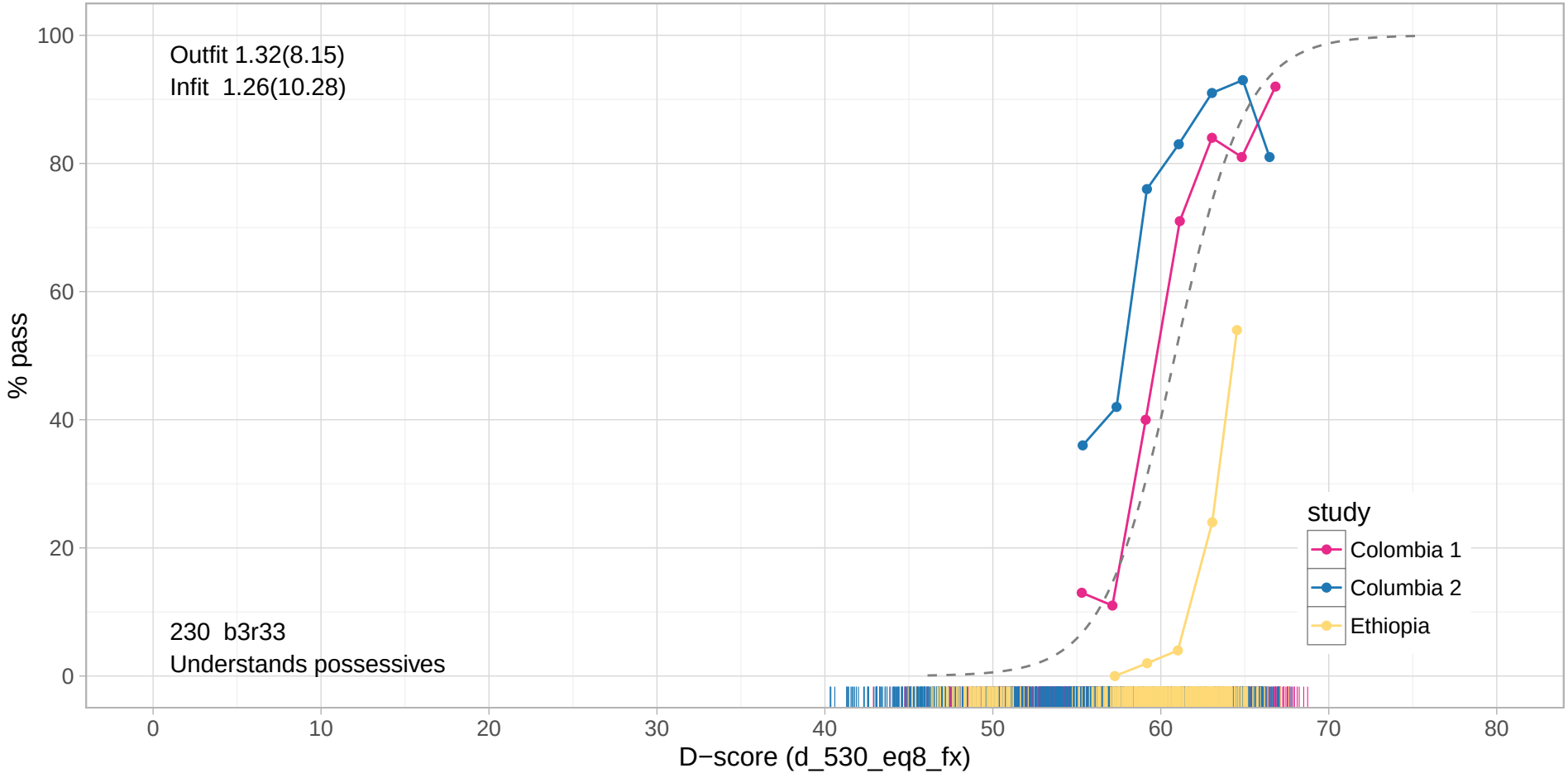

Outfit 1(0.01)
Infit 1.05(1.23)
225 b3r14
Responds to request for social routines
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

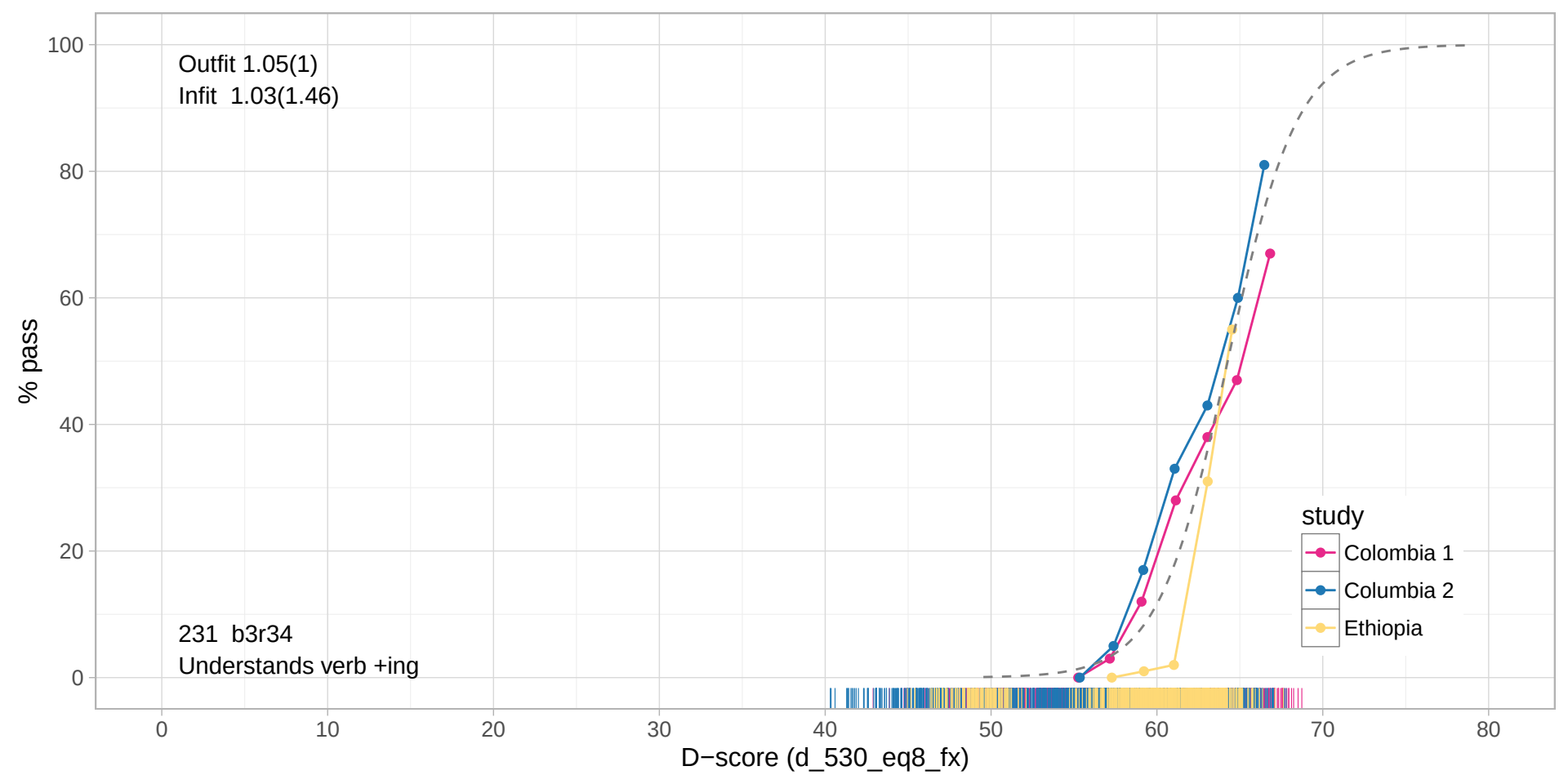

Outfit 0.73(−4.2)
Infit 0.88(−3.73)
226 b3r16
Identifies object in the environment
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

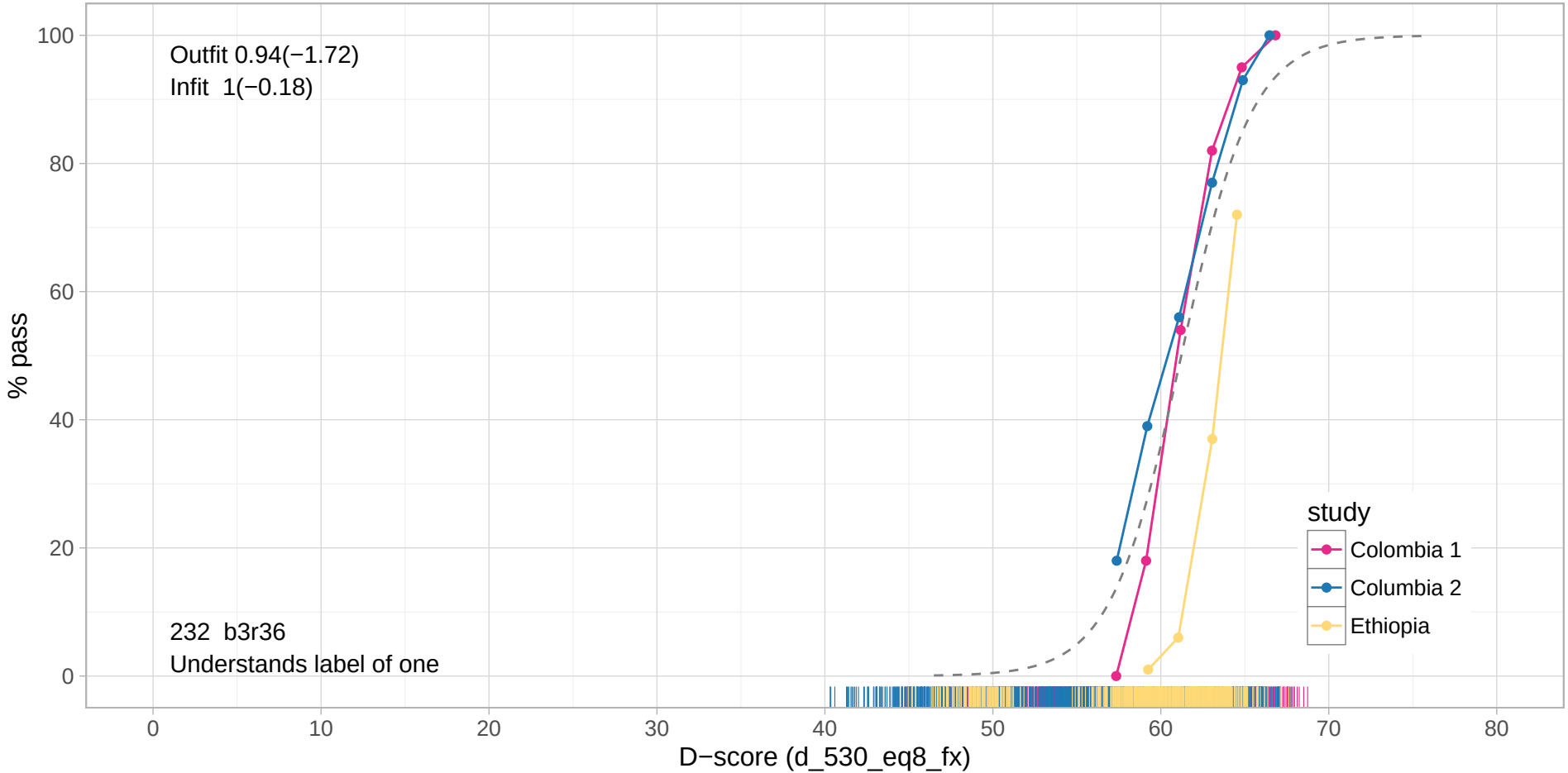

Outfit 1.47(5.47)
Infit 1.27(7.82)
227 b3r18
Understands inhibitory words
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

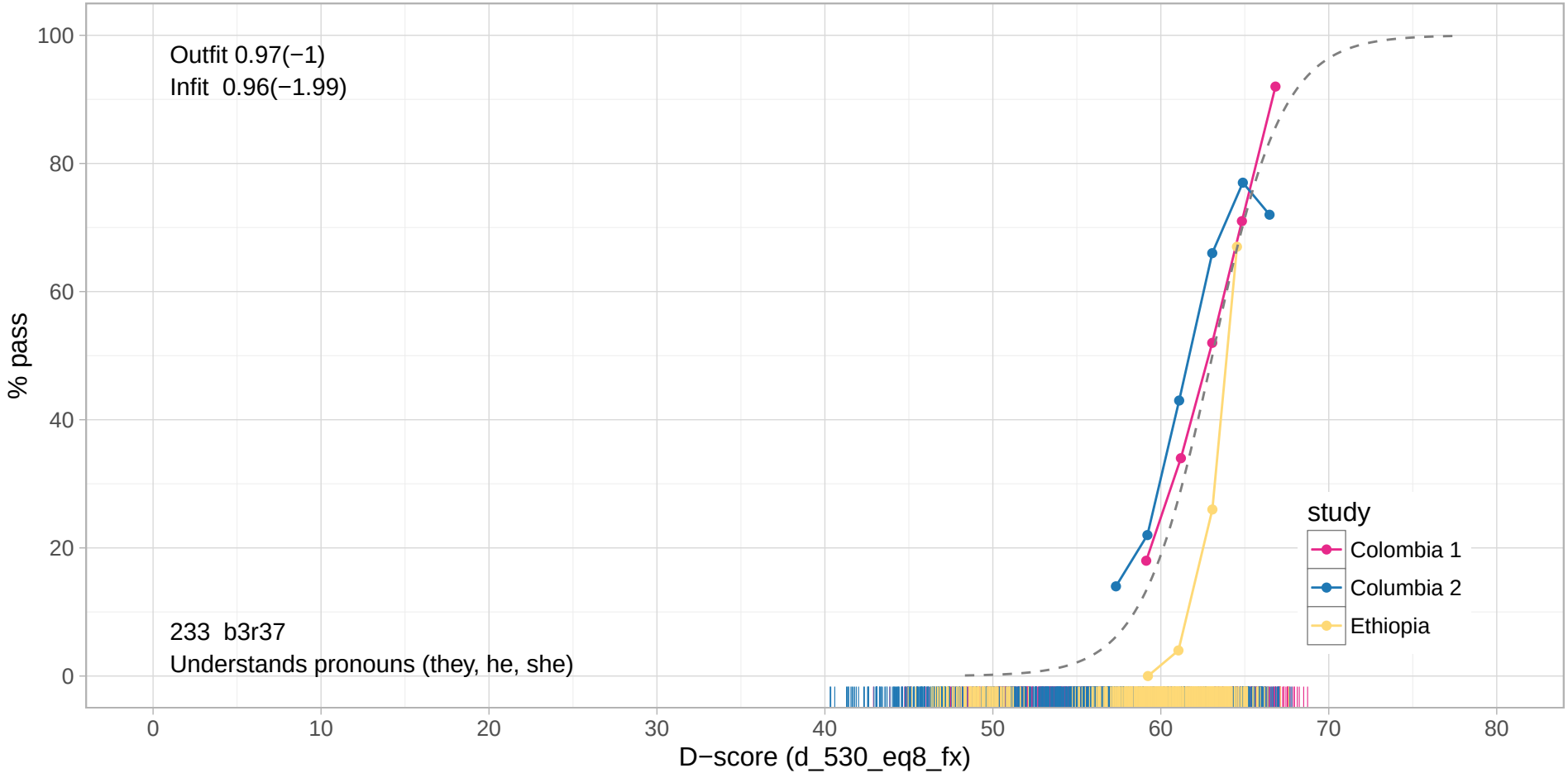

Outfit 0.86(−2.29)
Infit 0.93(−2.48)
228 b3r20
Follows one−part directions
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

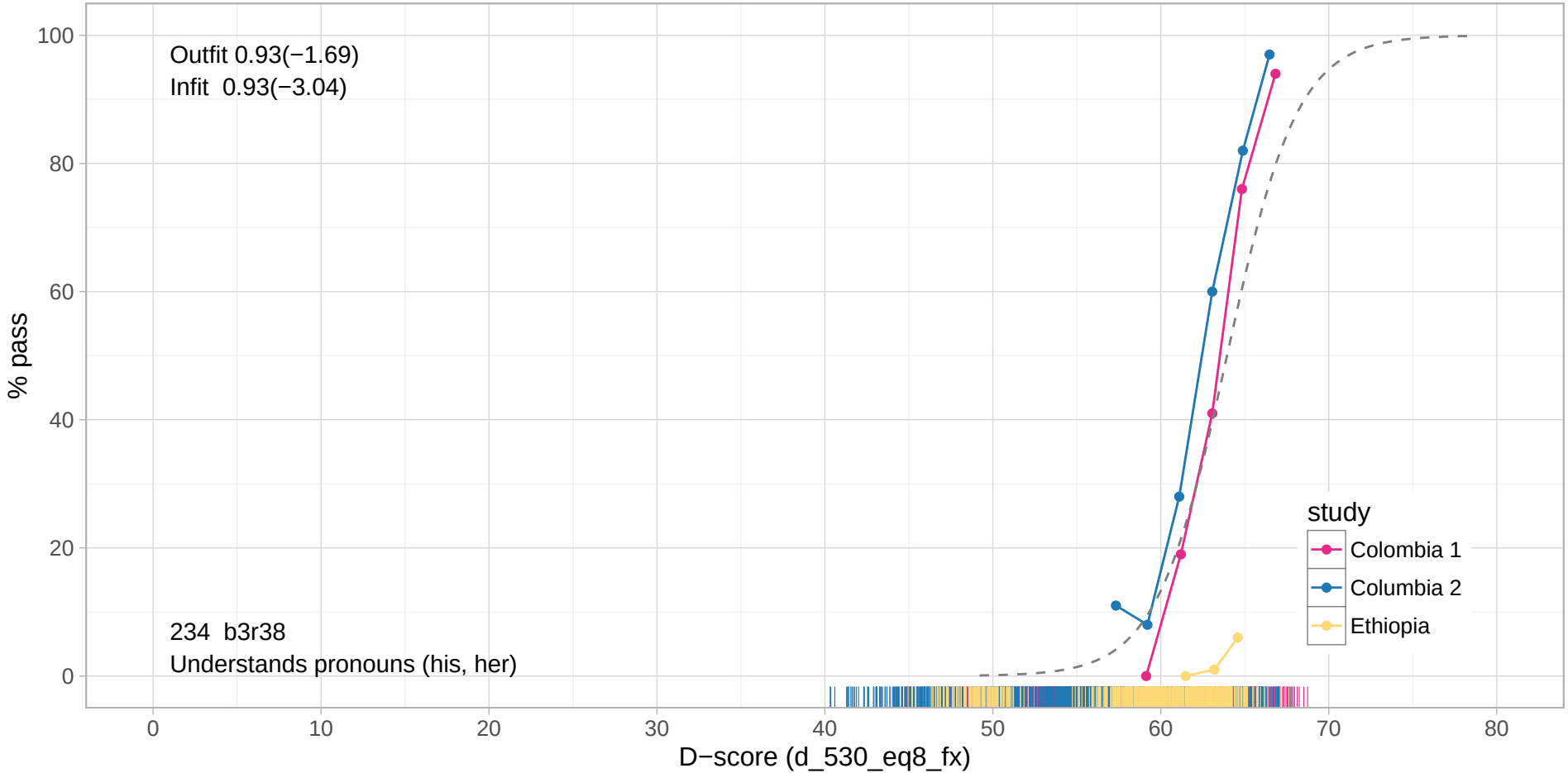

Outfit 1.3(7.39)
Infit 1.21(9.8)
229 b3r32
Understands Preposition Series: 2 correct
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

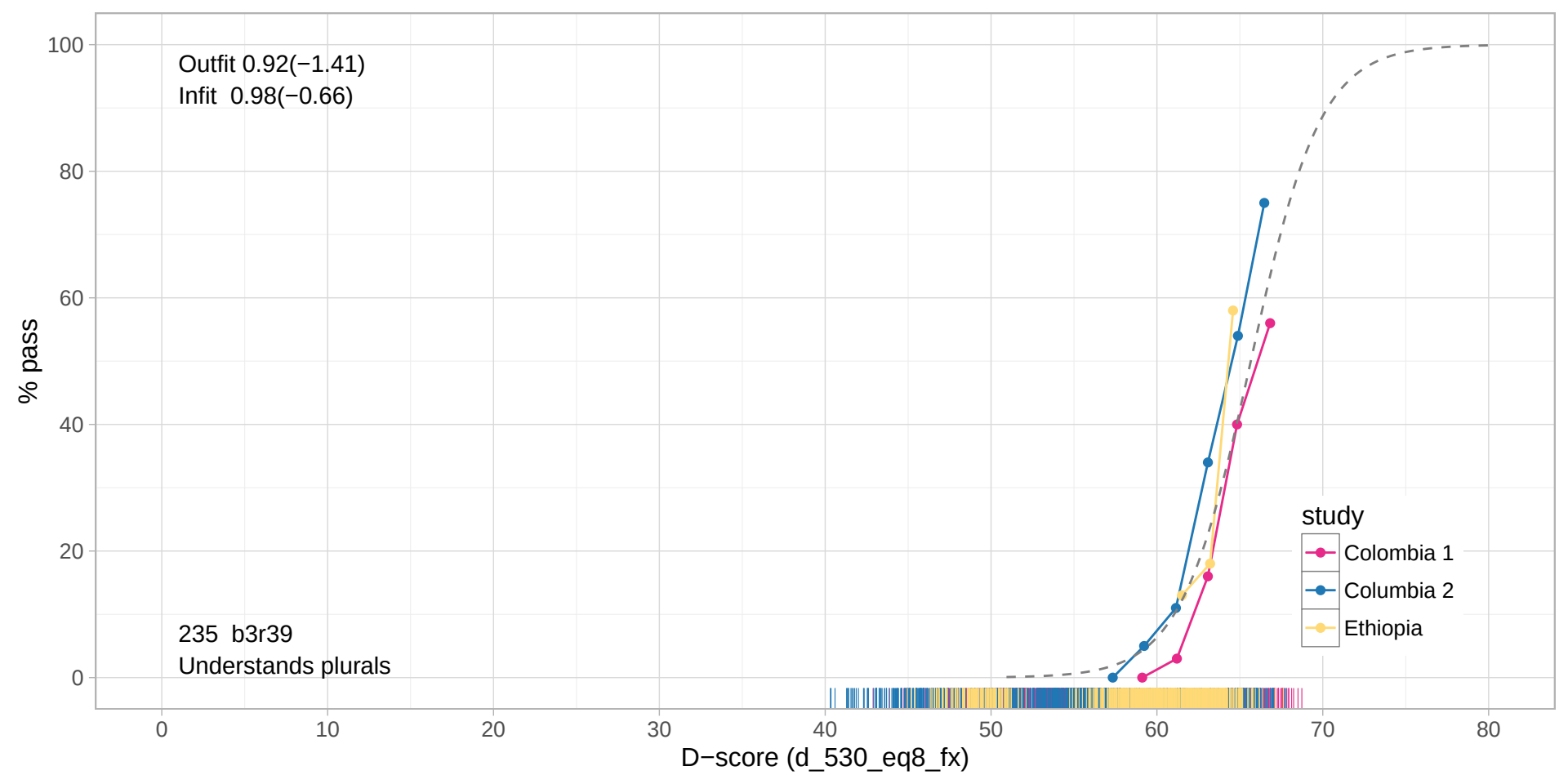

Outfit 1.32(8.15)
Infit 1.26(10.28)
230 b3r33
Understands possessives
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

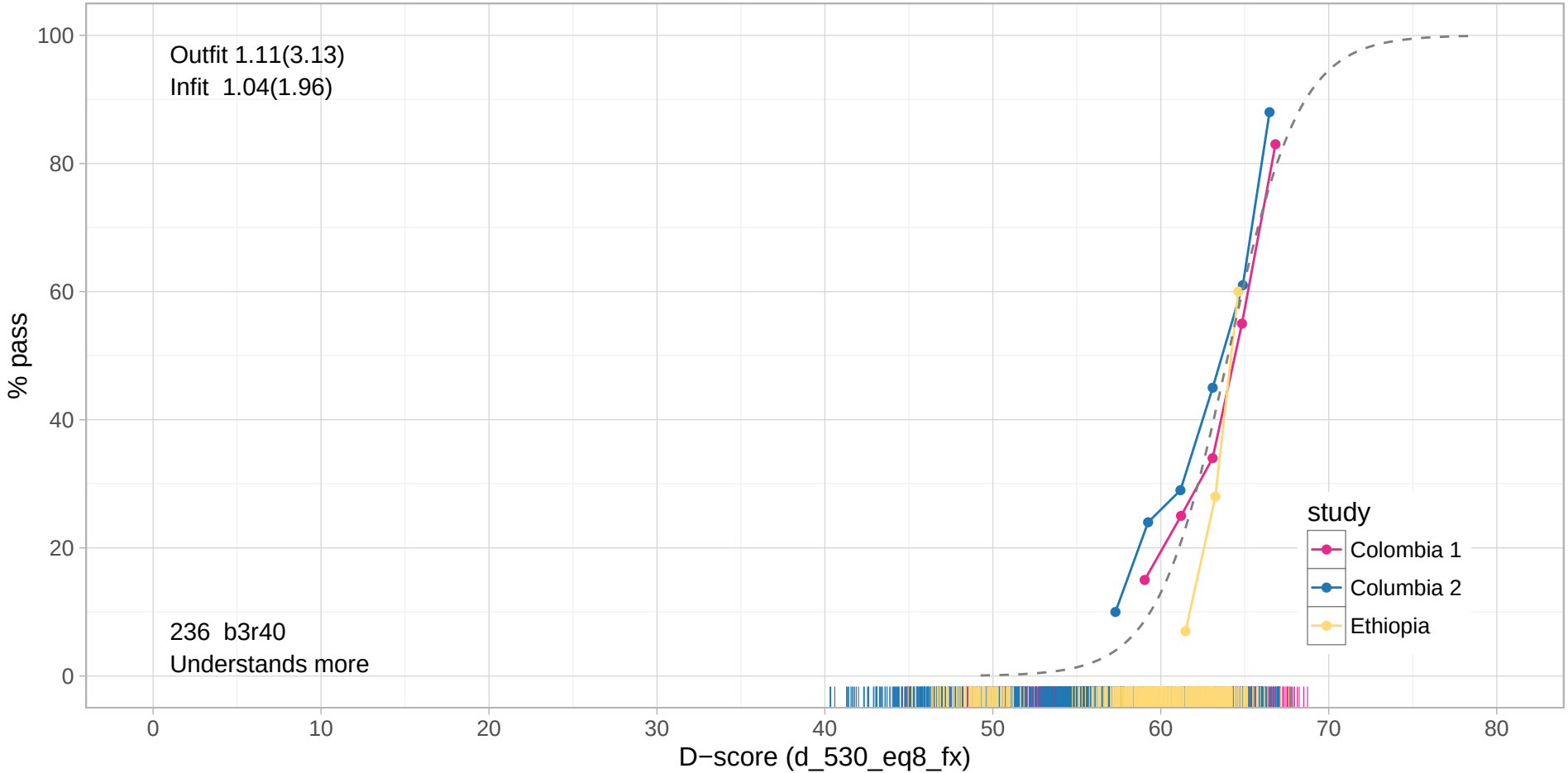

Outfit 1.05(1)
Infit 1.03(1.46)
231 b3r34
Understands verb +ing
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

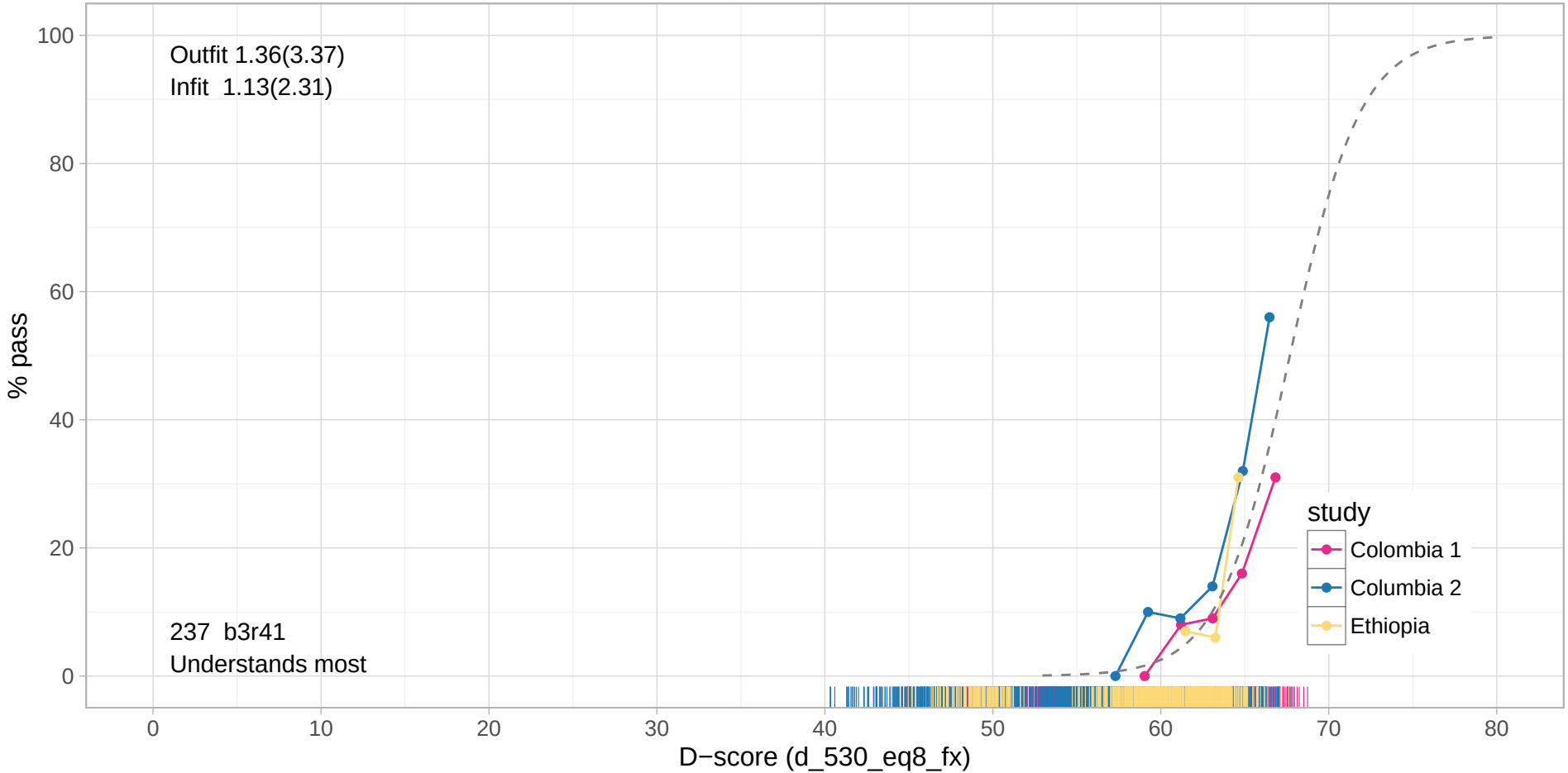

Outfit 0.94(−1.72)
Infit 1(−0.18)
232 b3r36
Understands label of one
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

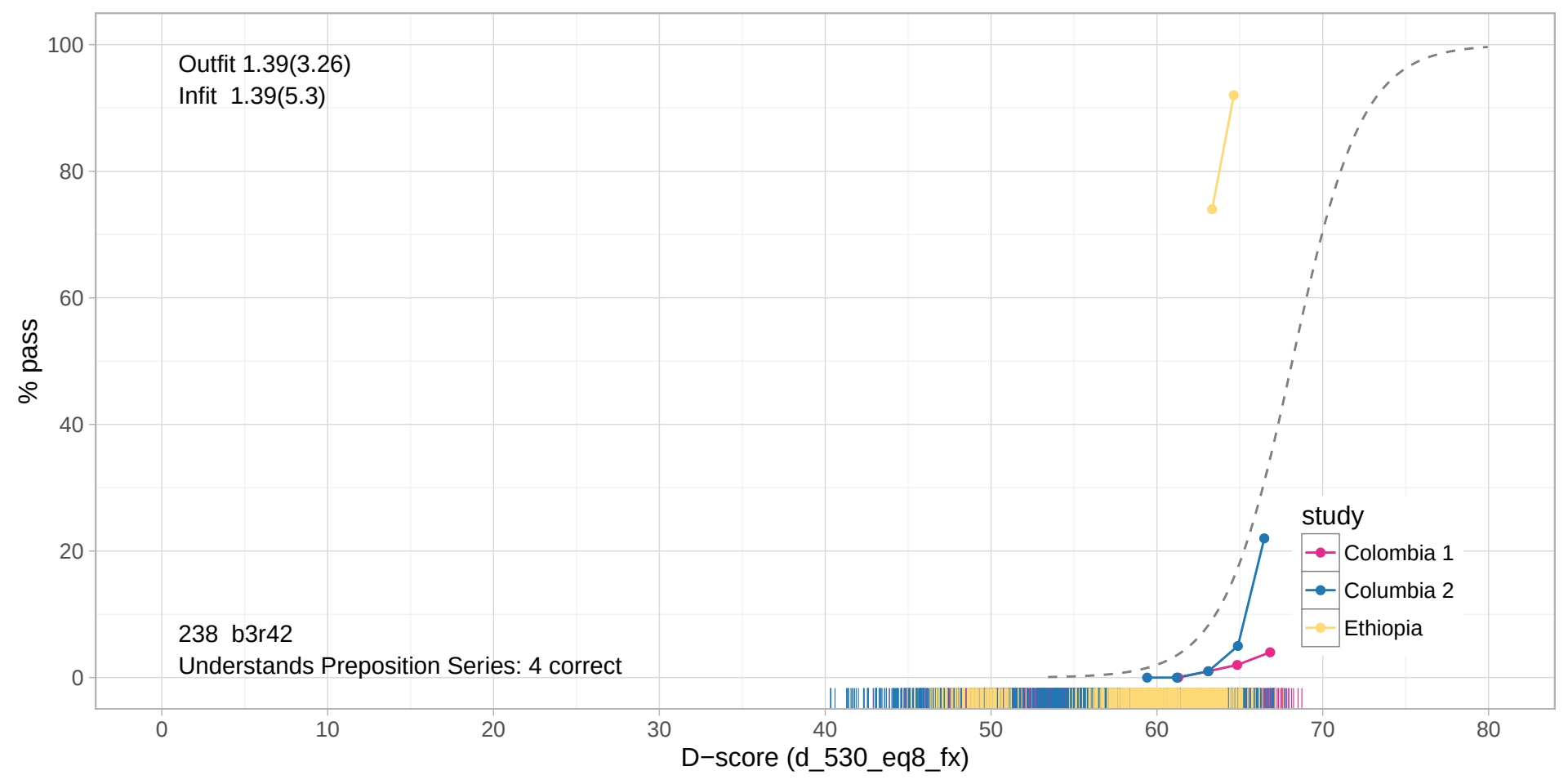

Outfit 0.97(−1)
Infit 0.96(−1.99)
233 b3r37
Understands pronouns (they, he, she)
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

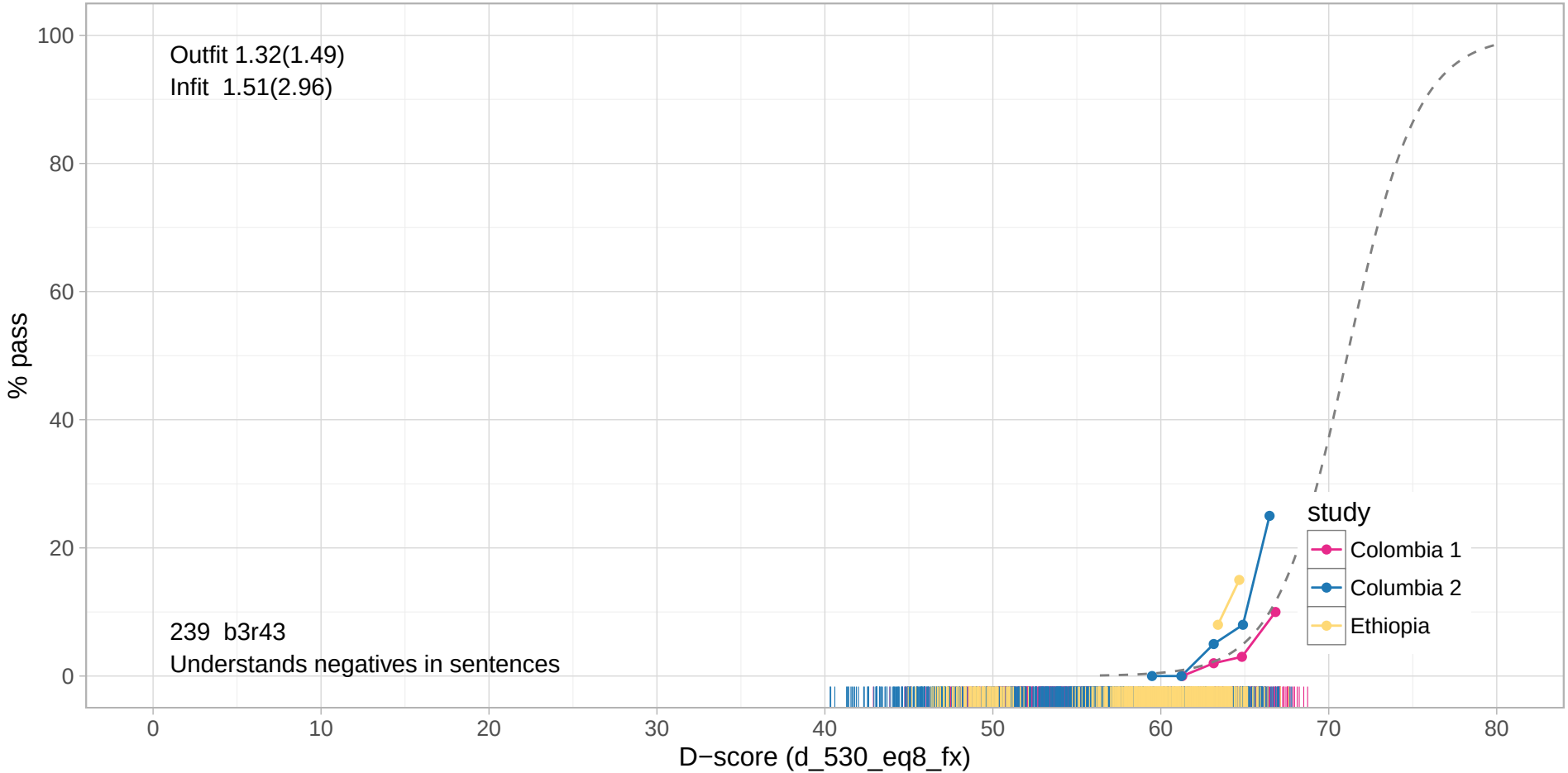

Outfit 0.93(−1.69)
Infit 0.93(−3.04)
234 b3r38
Understands pronouns (his, her)
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

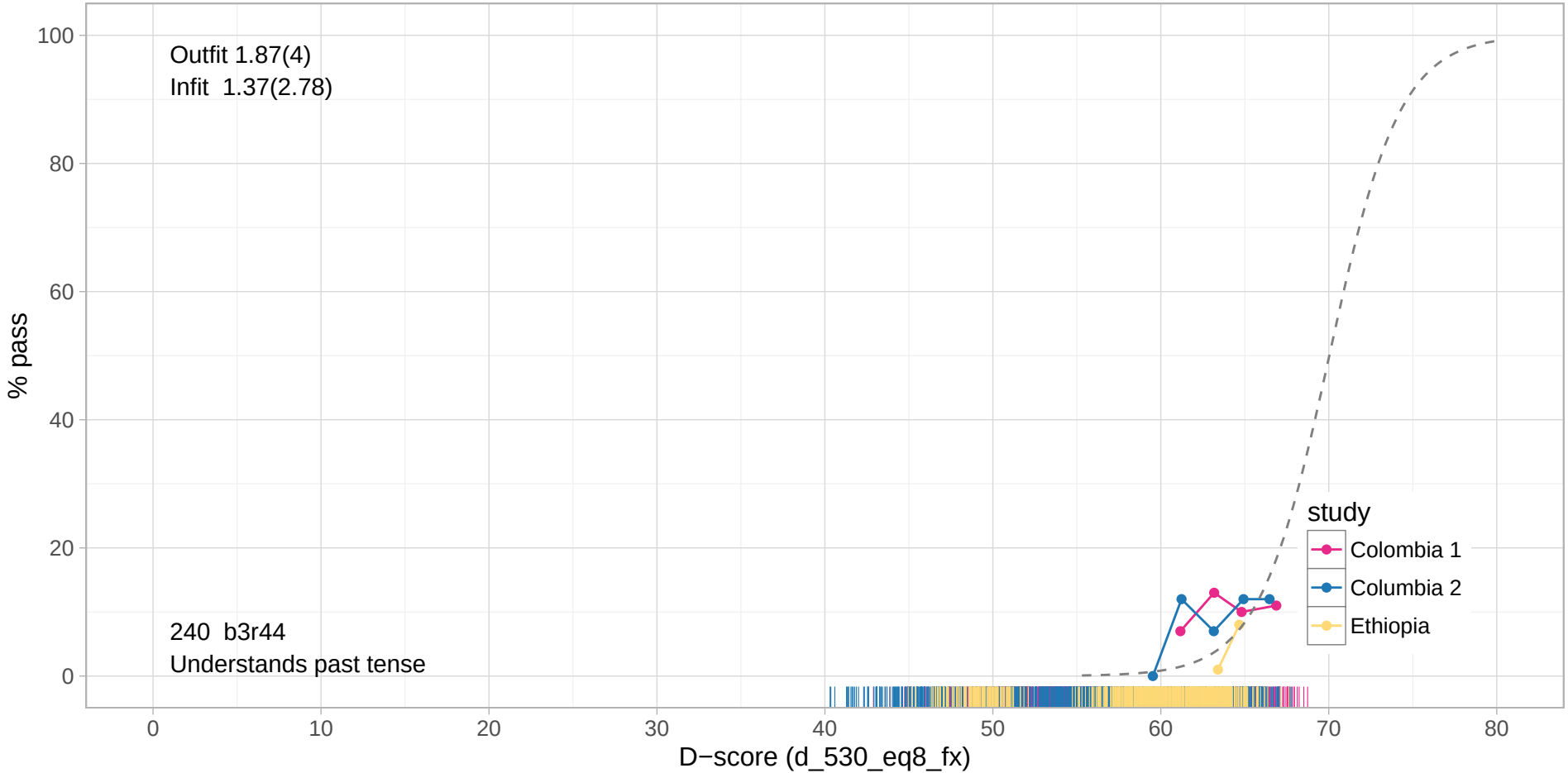

Outfit 0.92(−1.41)
Infit 0.98(−0.66)
235 b3r39
Understands plurals
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

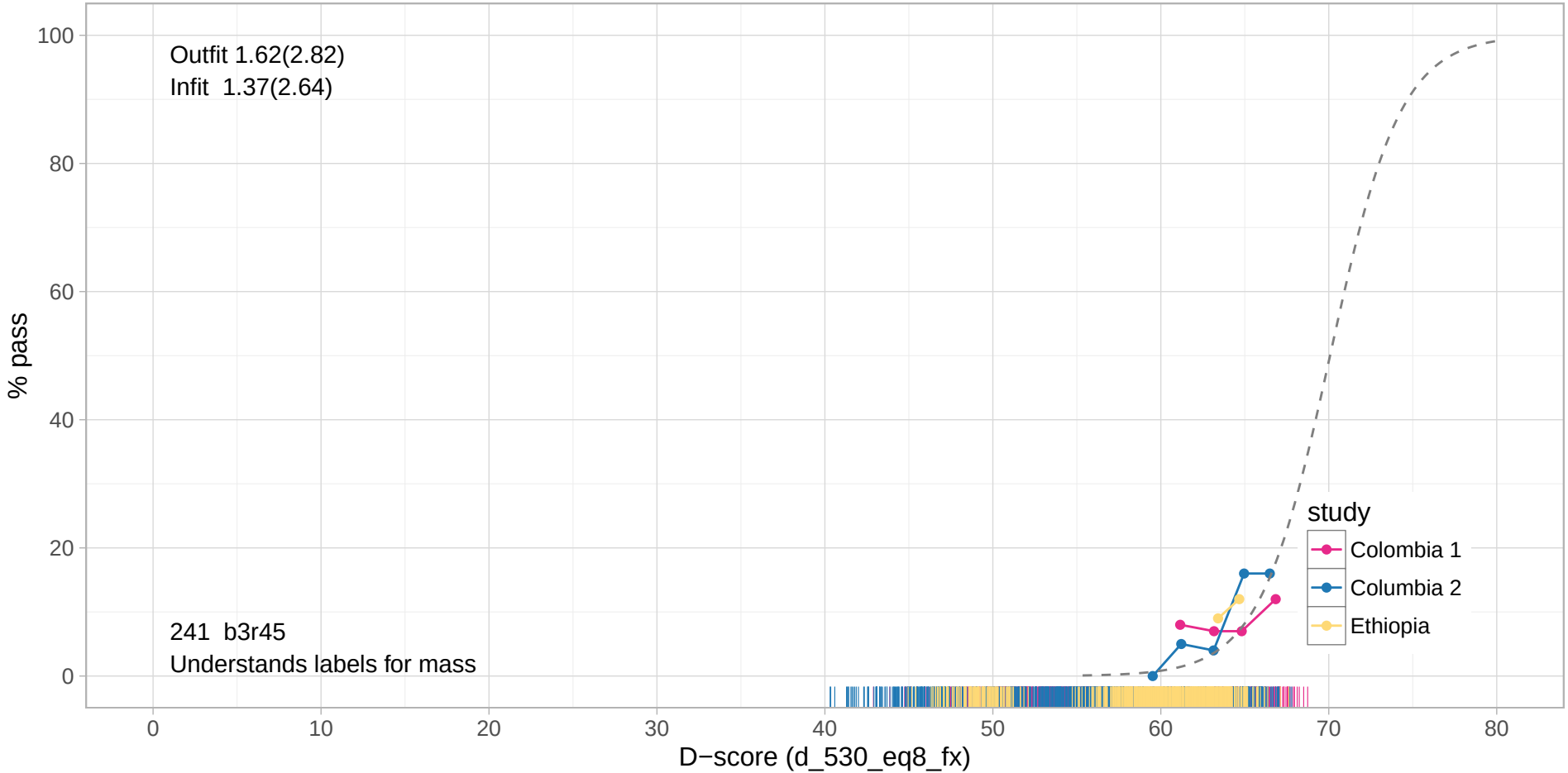

Outfit 1.11(3.13)
Infit 1.04(1.96)
236 b3r40
Understands more
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

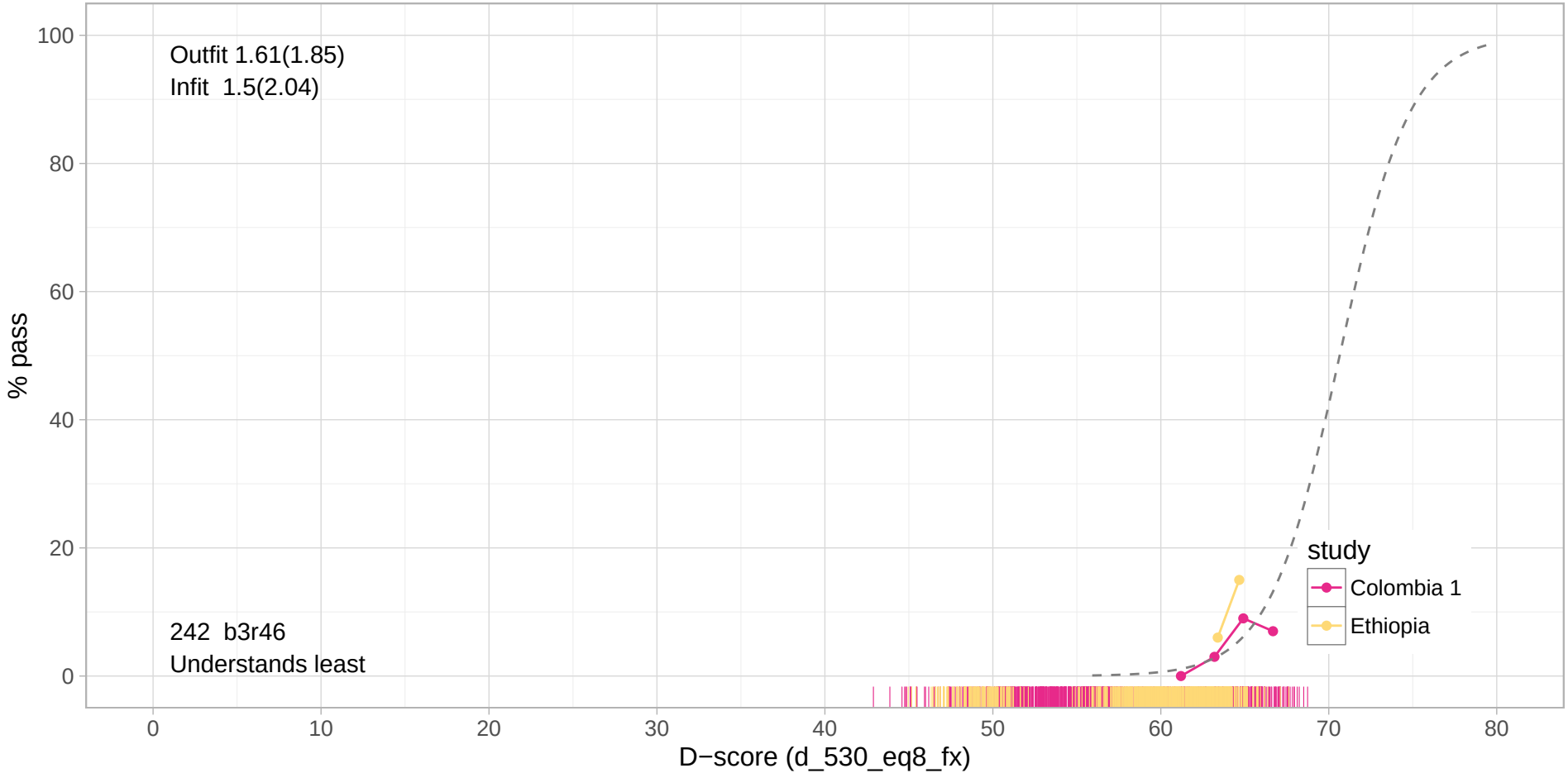

Outfit 1.36(3.37)
Infit 1.13(2.31)
237 b3r41
Understands most
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

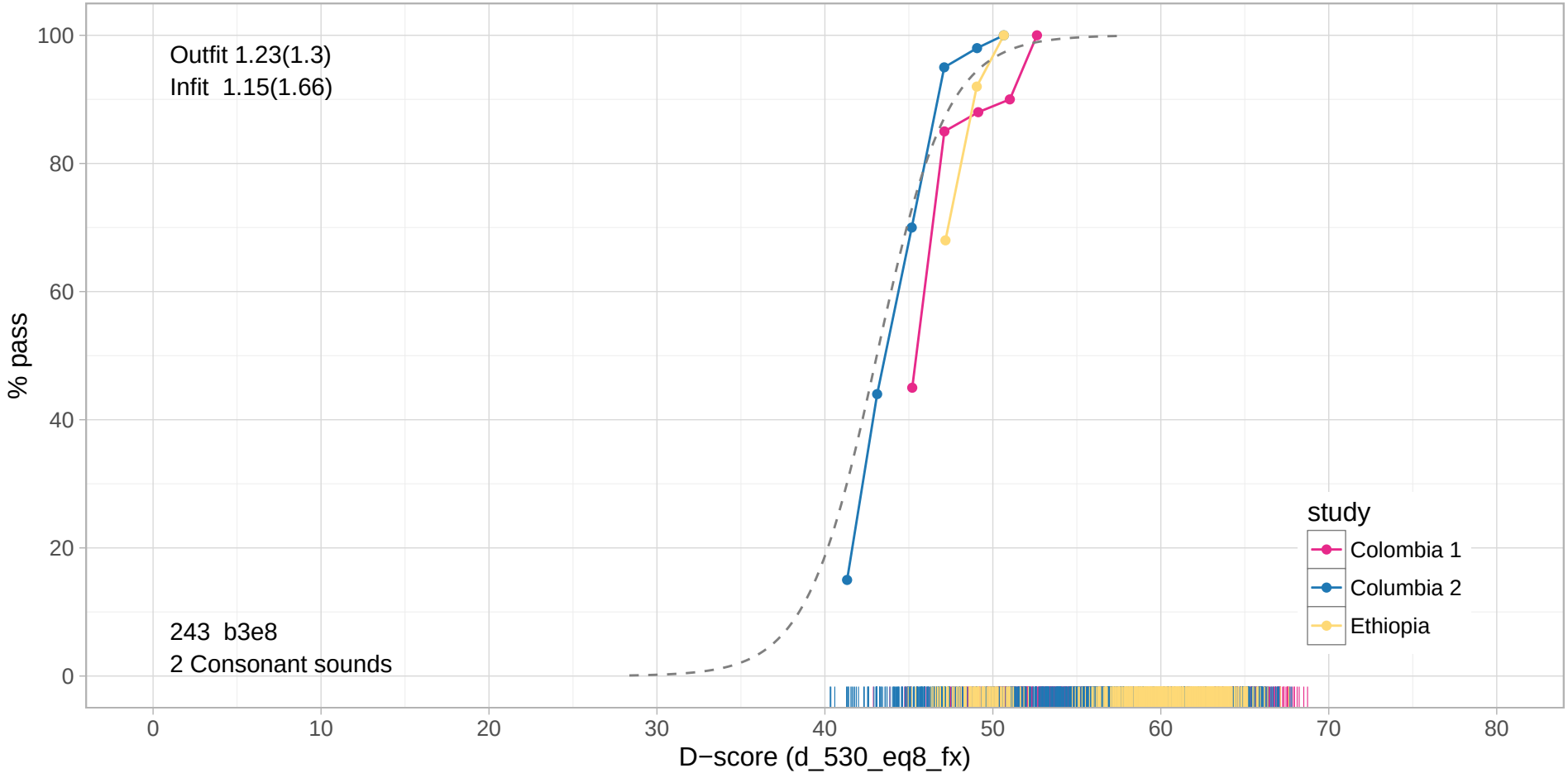

Outfit 1.39(3.26)
Infit 1.39(5.3)
238 b3r42
Understands Preposition Series: 4 correct
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

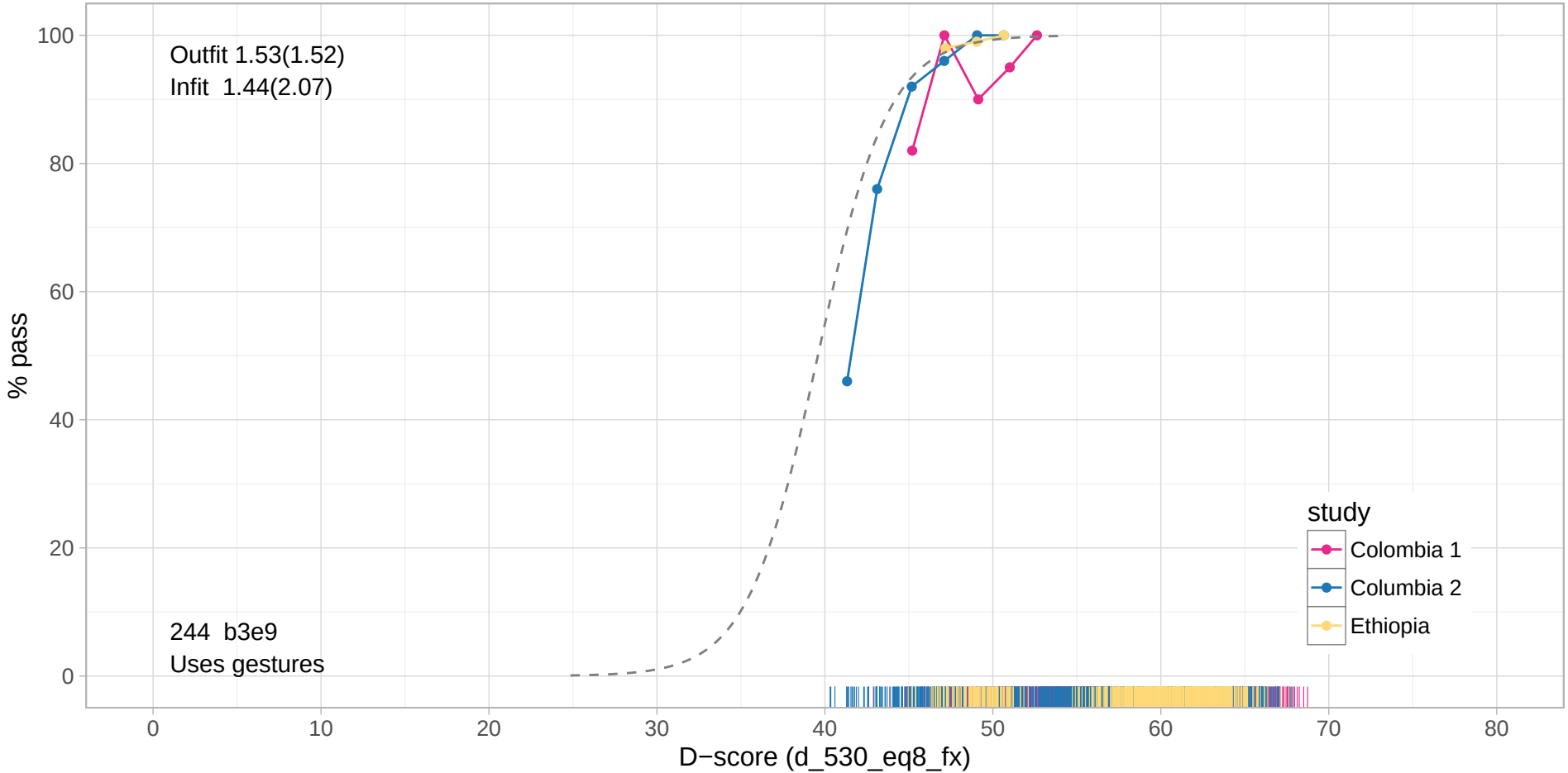

Outfit 1.32(1.49)
Infit 1.51(2.96)
239 b3r43
Understands negatives in sentences
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

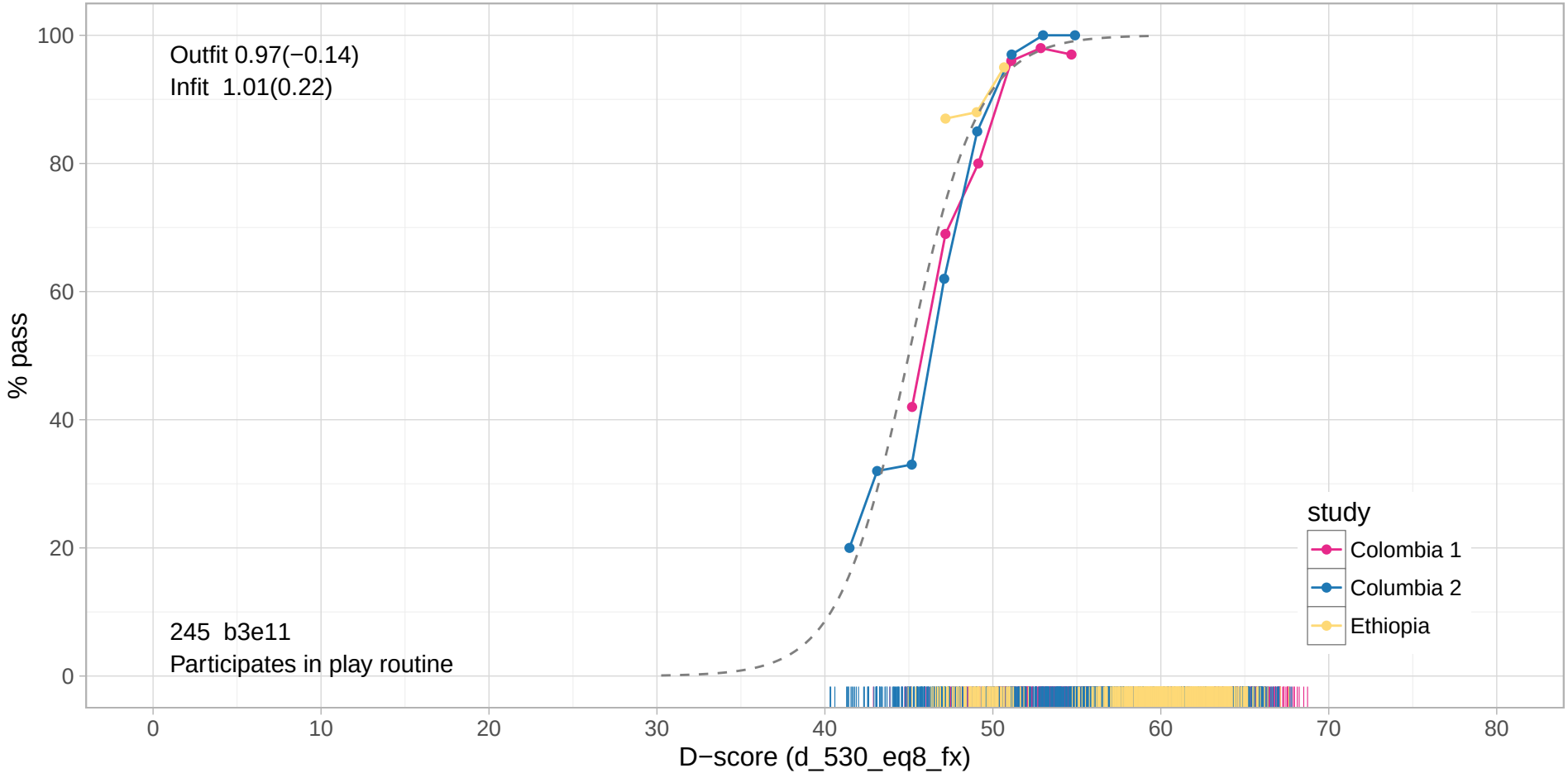

Outfit 1.87(4)
Infit 1.37(2.78)
240 b3r44
Understands past tense
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

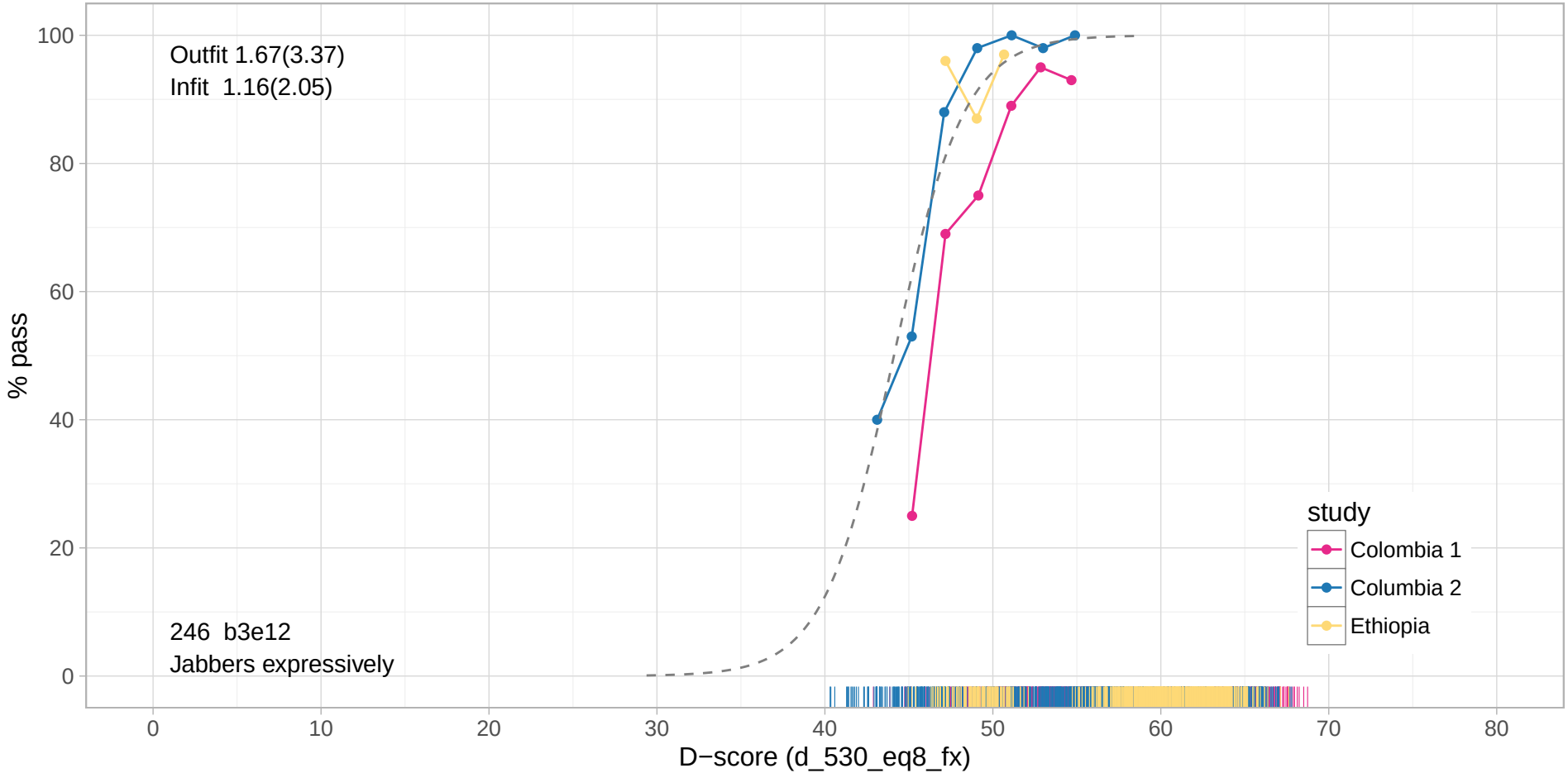

Outfit 1.62(2.82)
Infit 1.37(2.64)
241 b3r45
Understands labels for mass
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

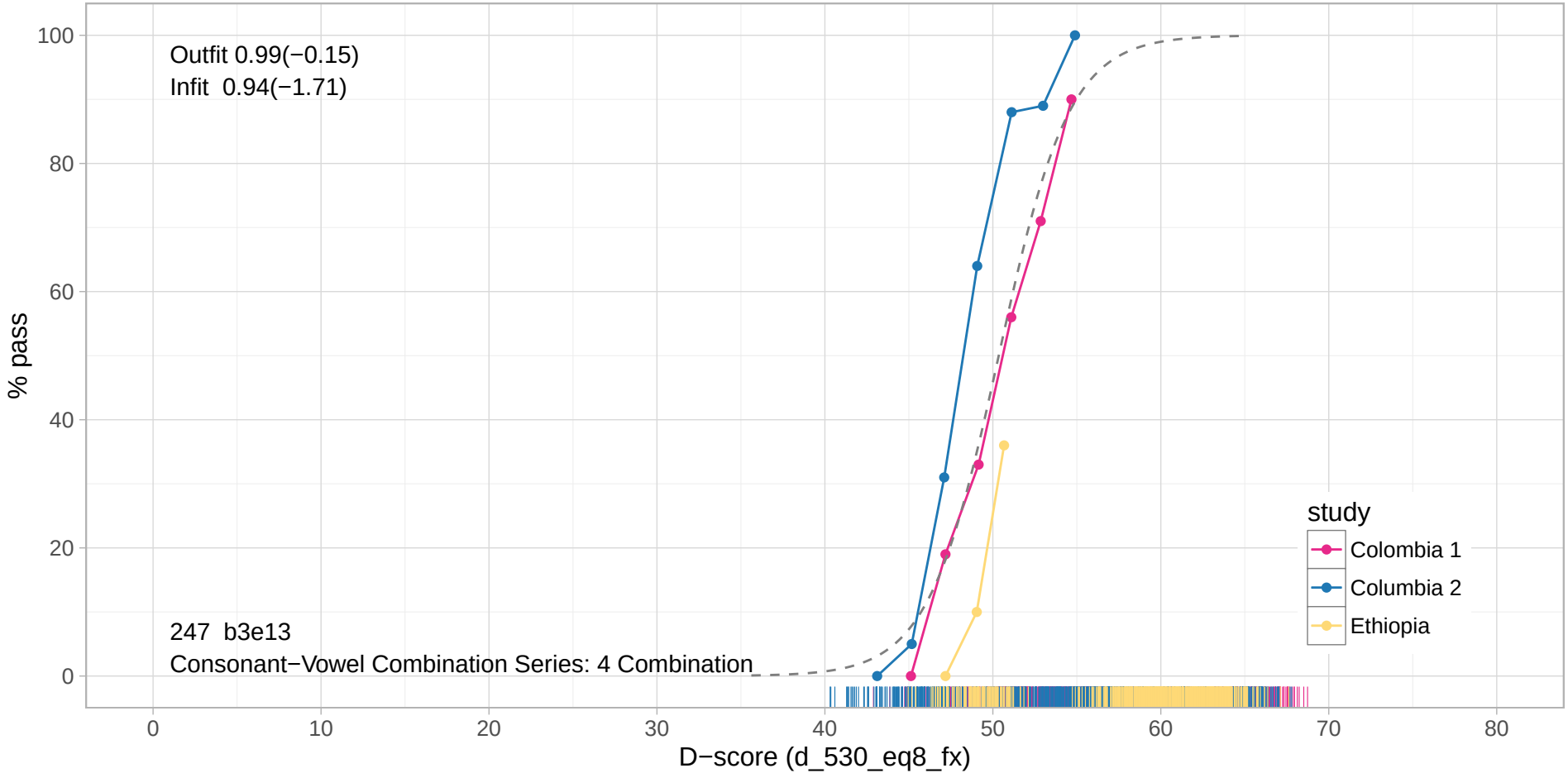

Outfit 1.61(1.85)
Infit 1.5(2.04)
242 b3r46
Understands least
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Ethiopia

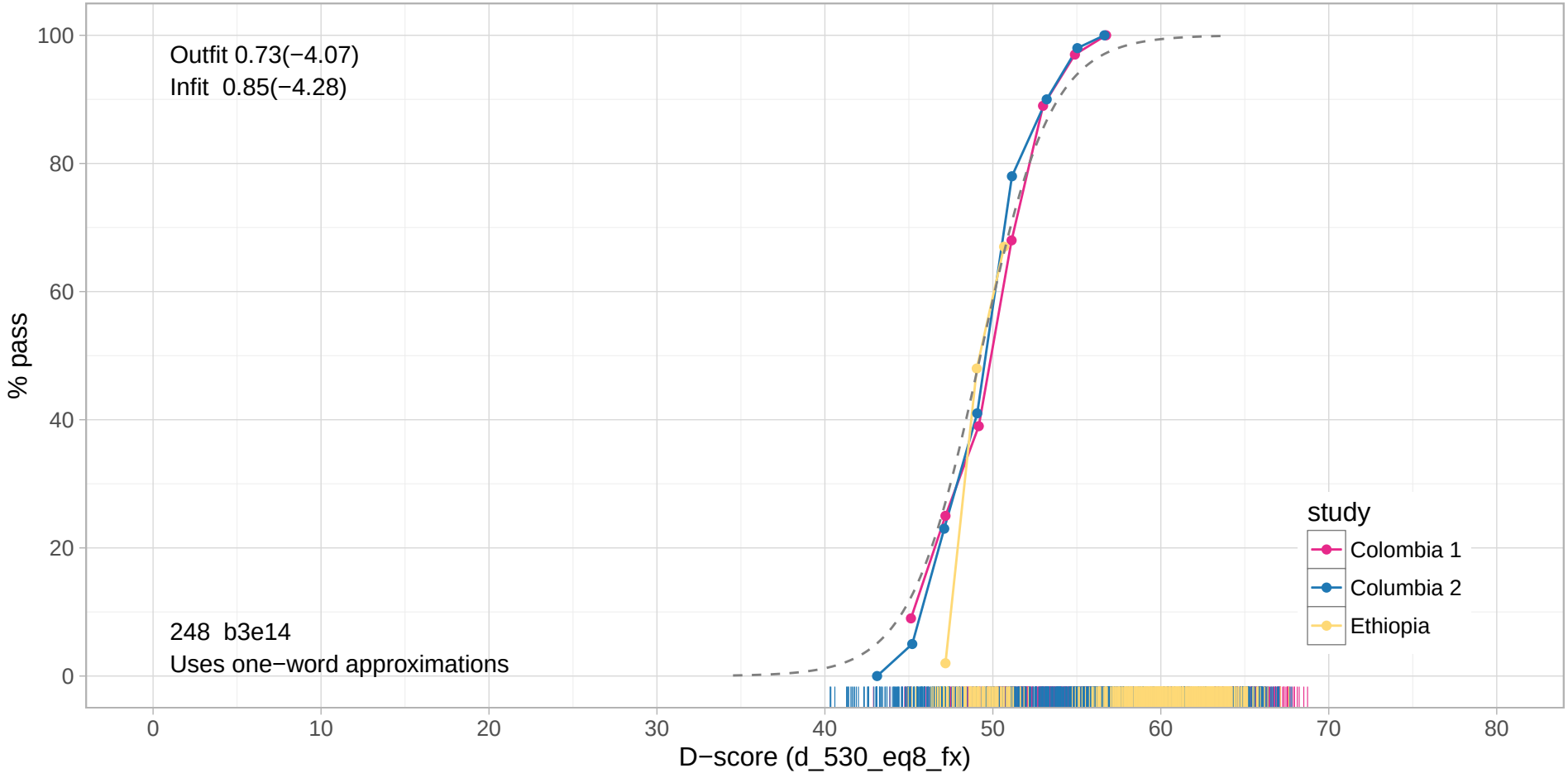

Outfit 1.23(1.3)
Infit 1.15(1.66)
243 b3e8
2 Consonant sounds
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

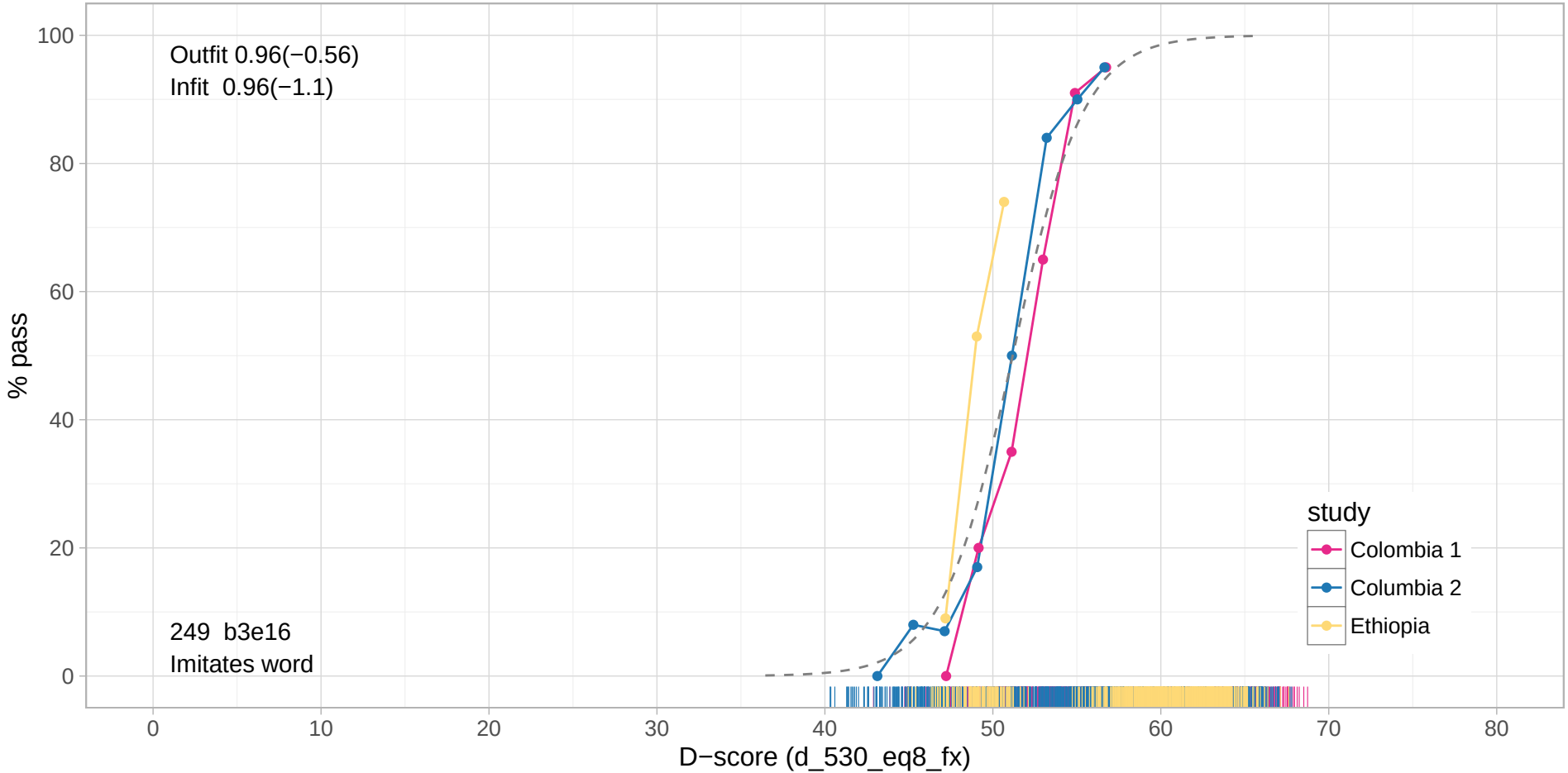

Outfit 1.53(1.52)
Infit 1.44(2.07)
244 b3e9
Uses gestures
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

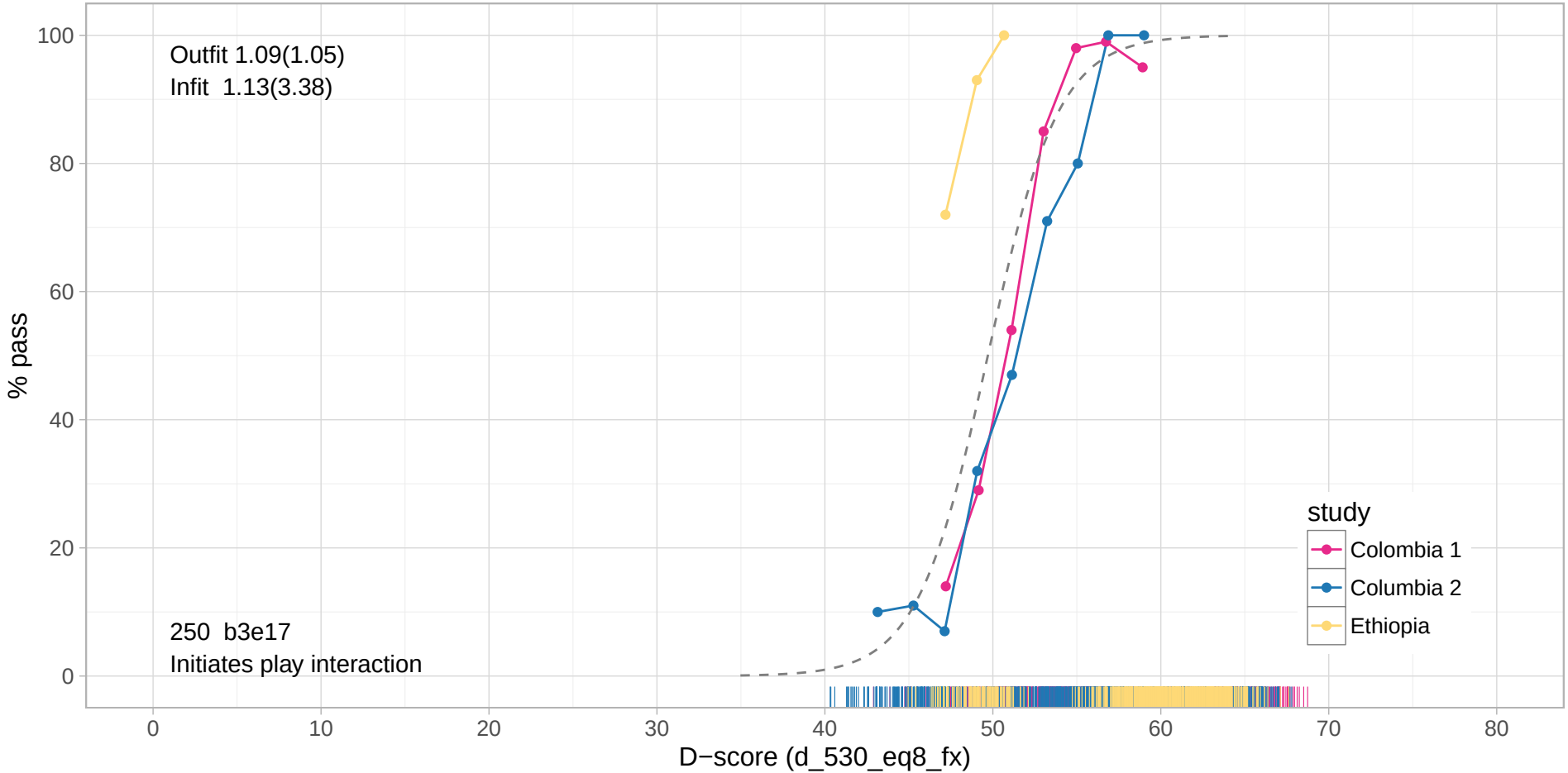

Outfit 0.97(−0.14)
Infit 1.01(0.22)
245 b3e11
Participates in play routine
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

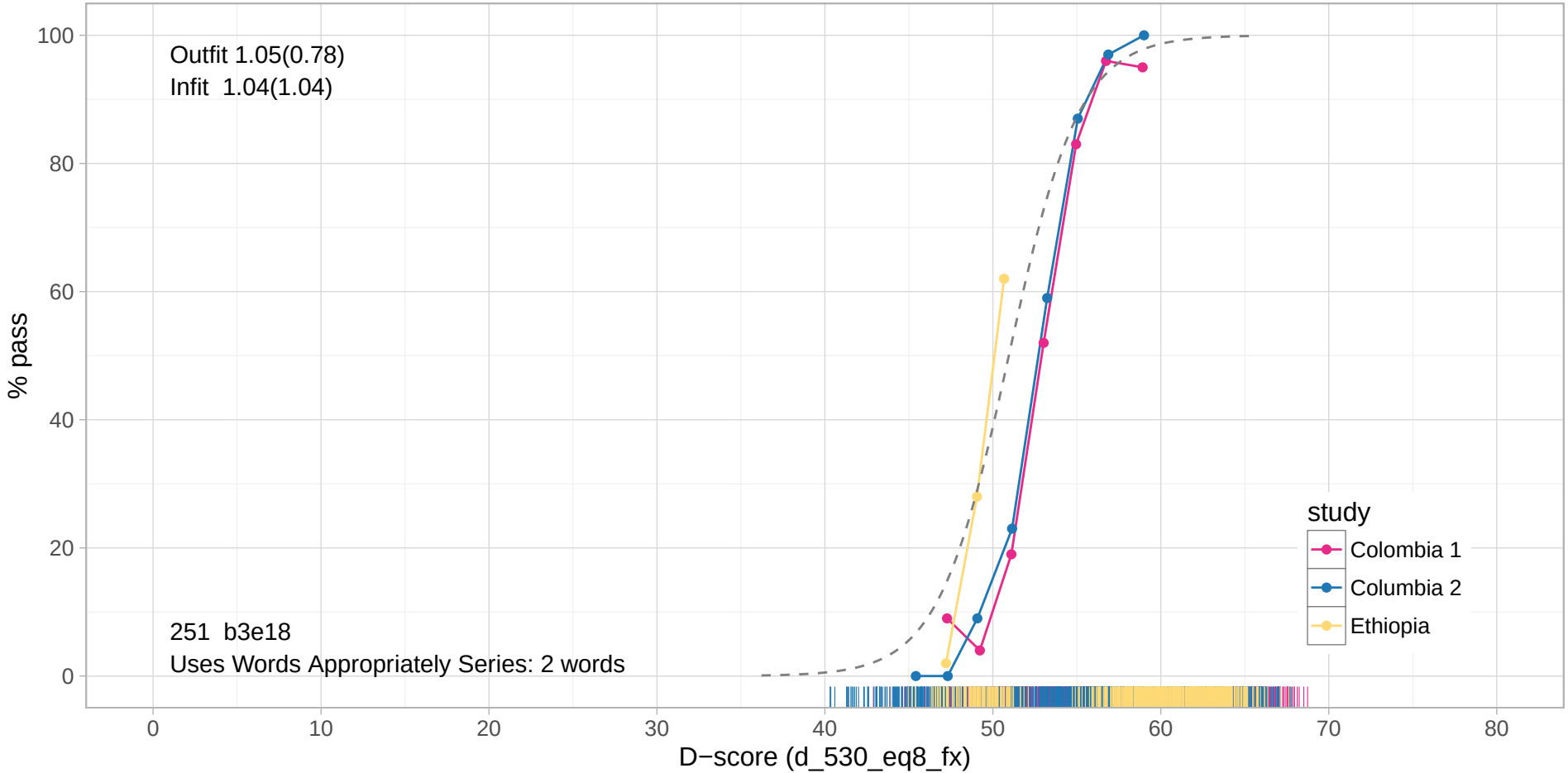

Outfit 1.67(3.37)
Infit 1.16(2.05)
246 b3e12
Jabbers expressively
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

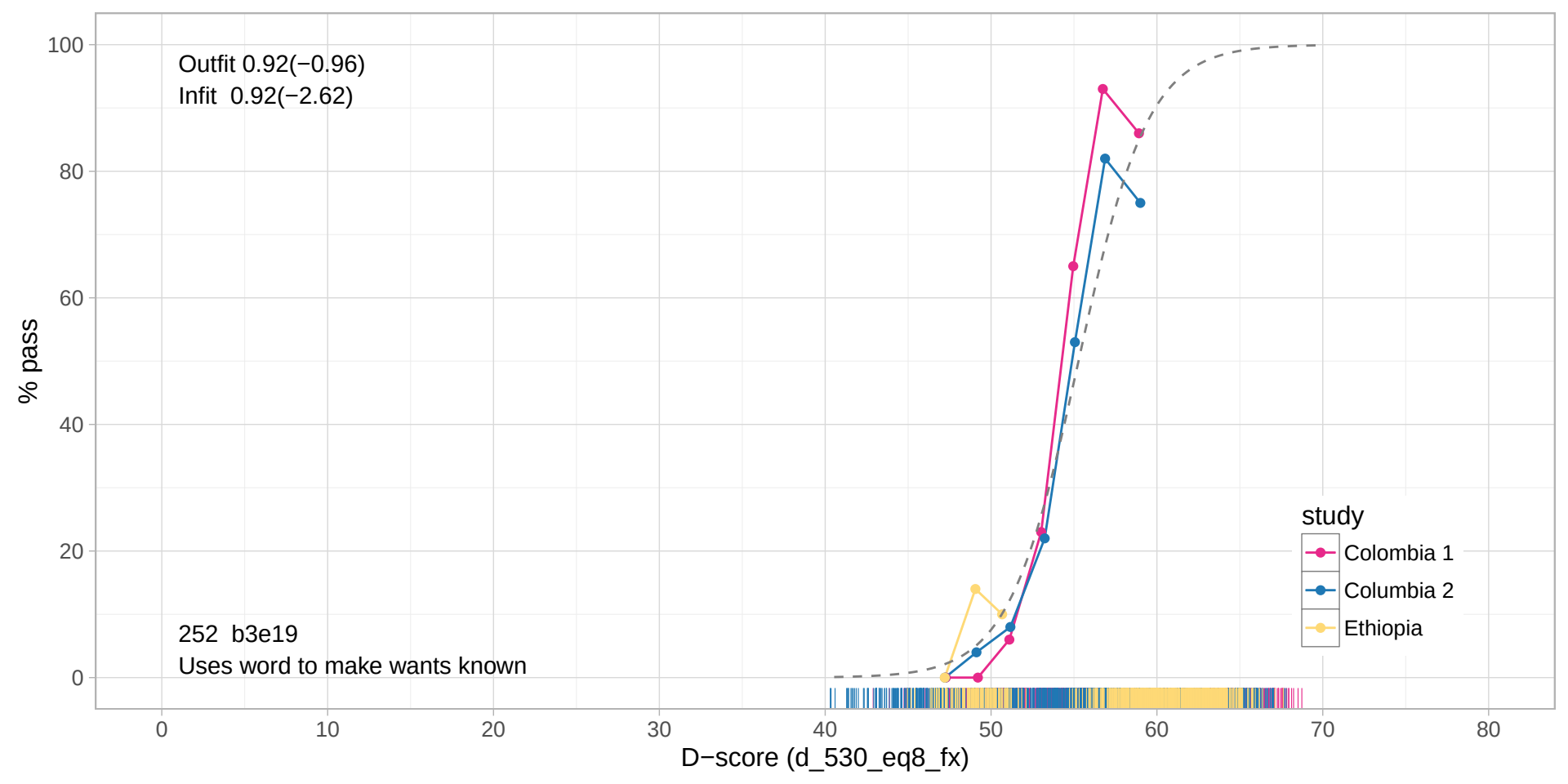

Outfit 0.99(−0.15)
Infit 0.94(−1.71)
247 b3e13
Consonant−Vowel Combination Series: 4 Combination
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

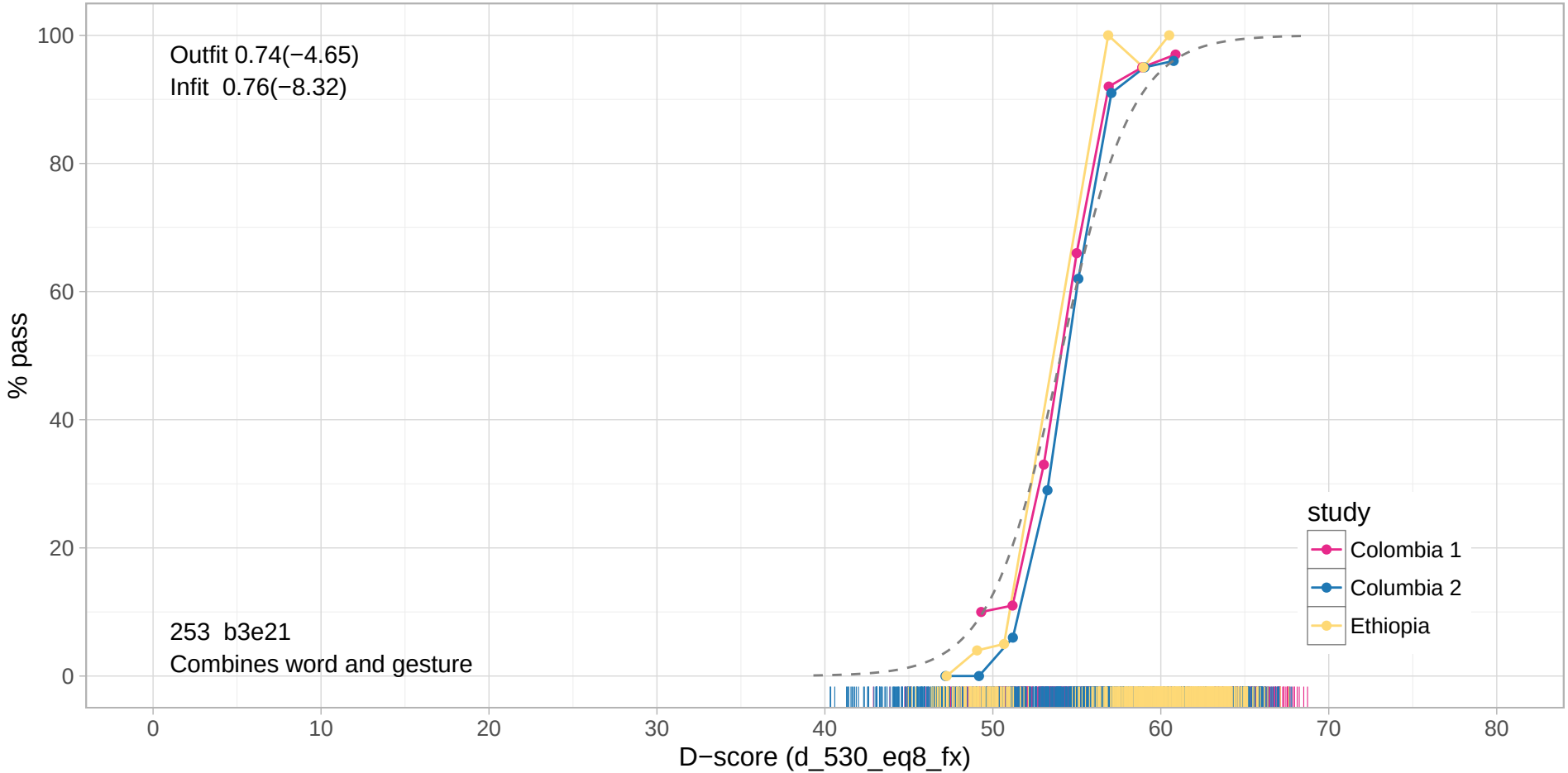

Outfit 0.73(−4.07)
Infit 0.85(−4.28)
248 b3e14
Uses one−word approximations
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

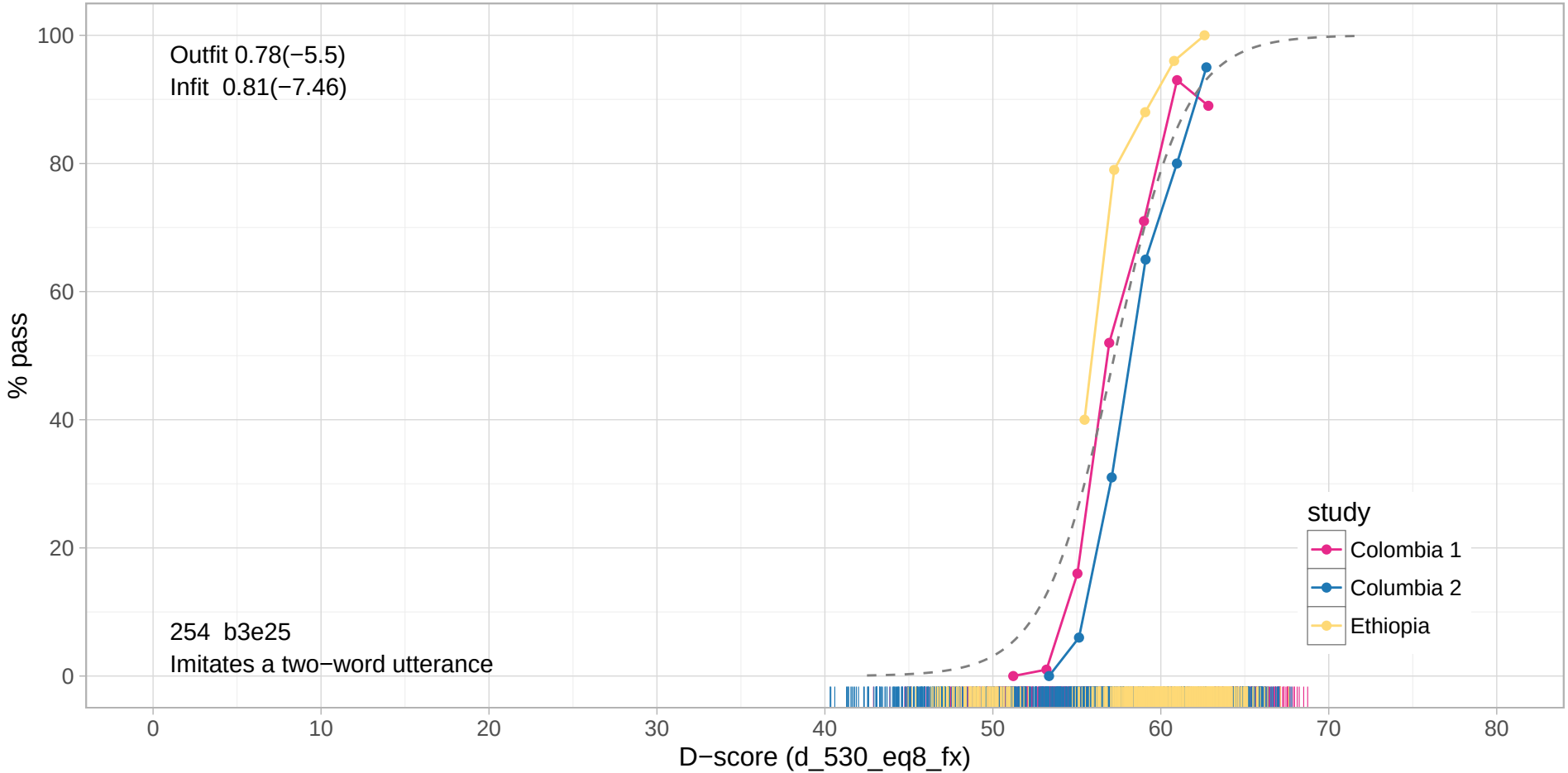

Outfit 0.96(−0.56)
Infit 0.96(−1.1)
249 b3e16
Imitates word
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

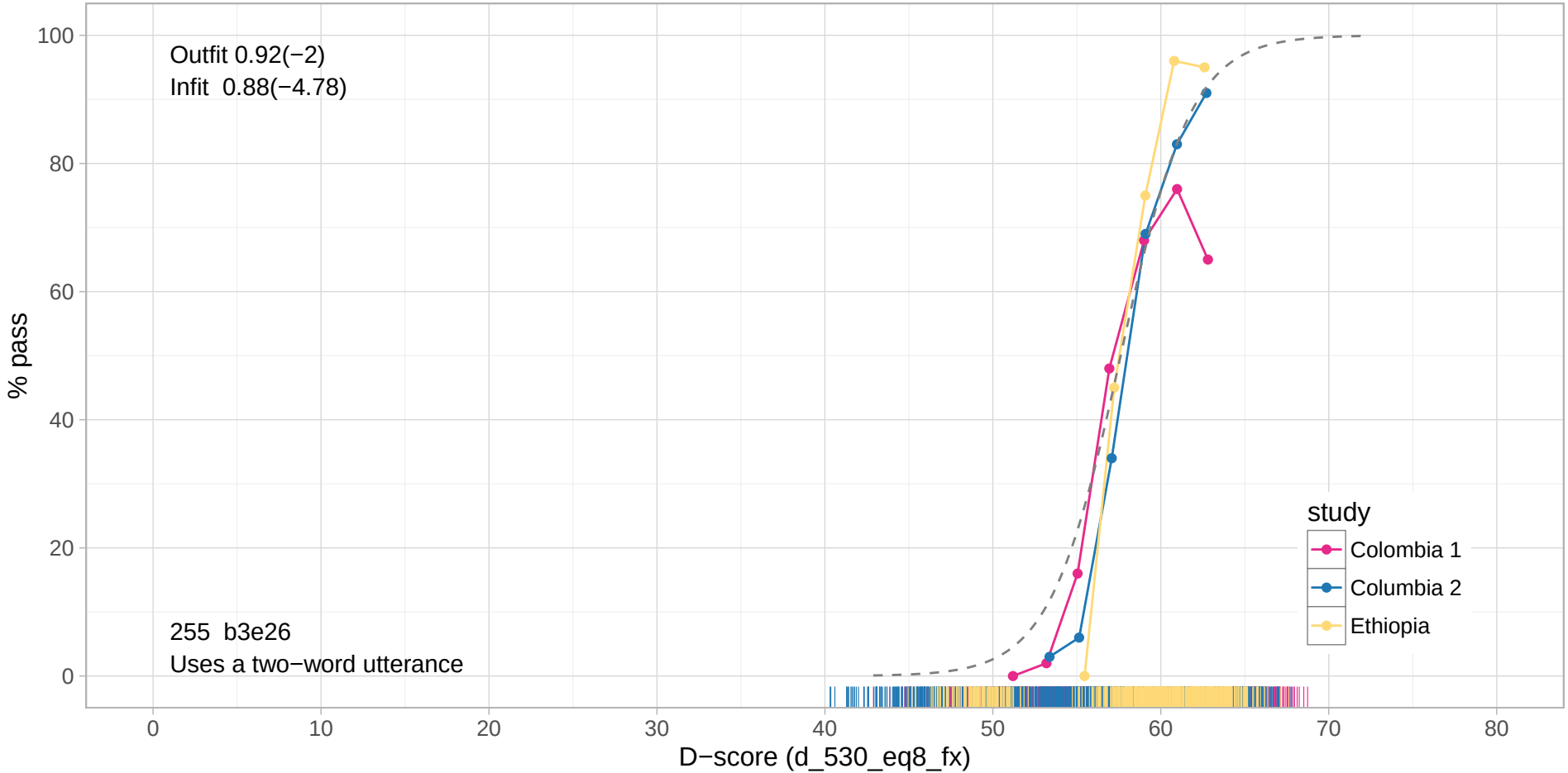

Outfit 1.09(1.05)
Infit 1.13(3.38)
250 b3e17
Initiates play interaction
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

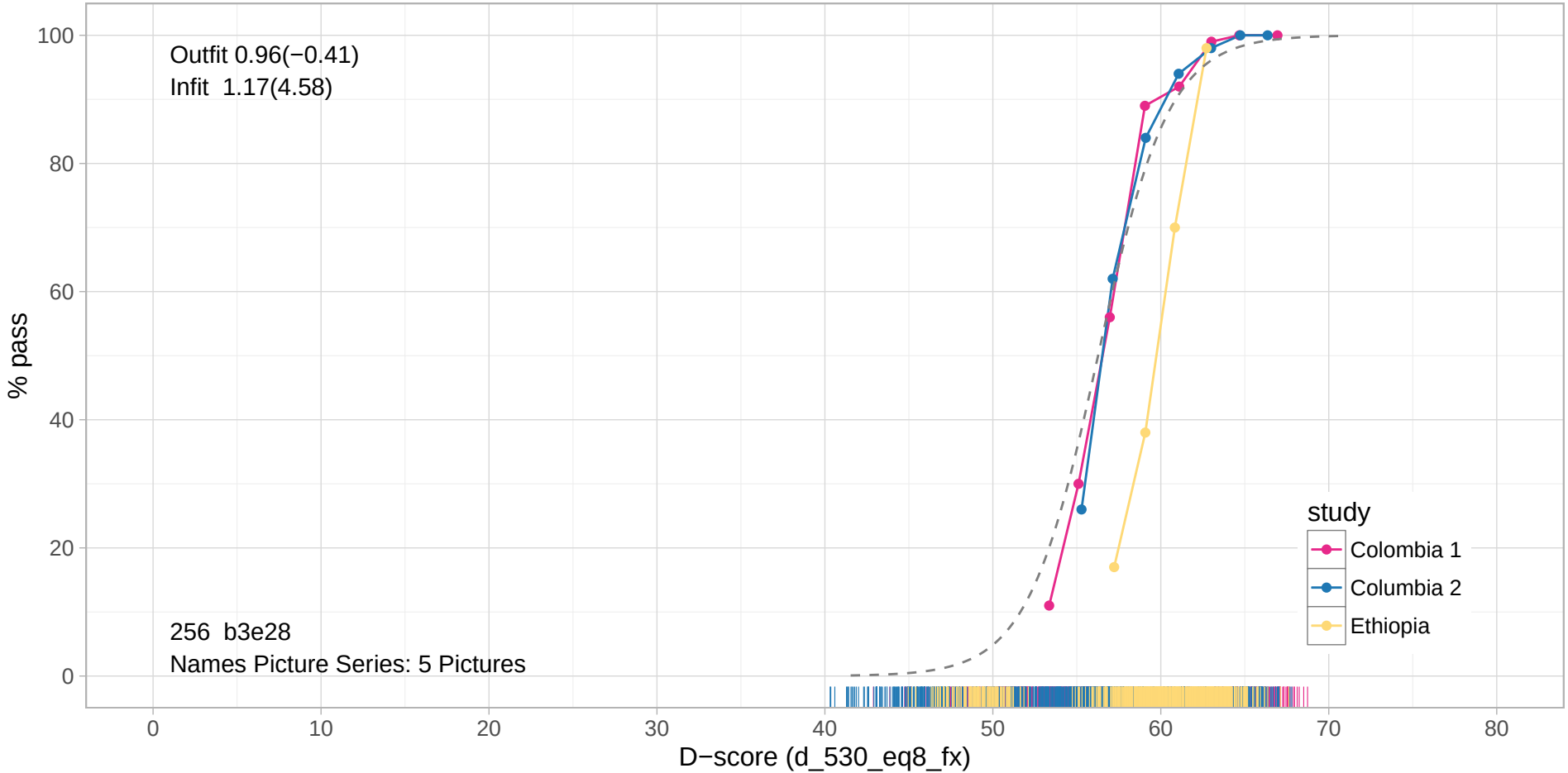

Outfit 1.05(0.78)
Infit 1.04(1.04)
251 b3e18
Uses Words Appropriately Series: 2 words
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

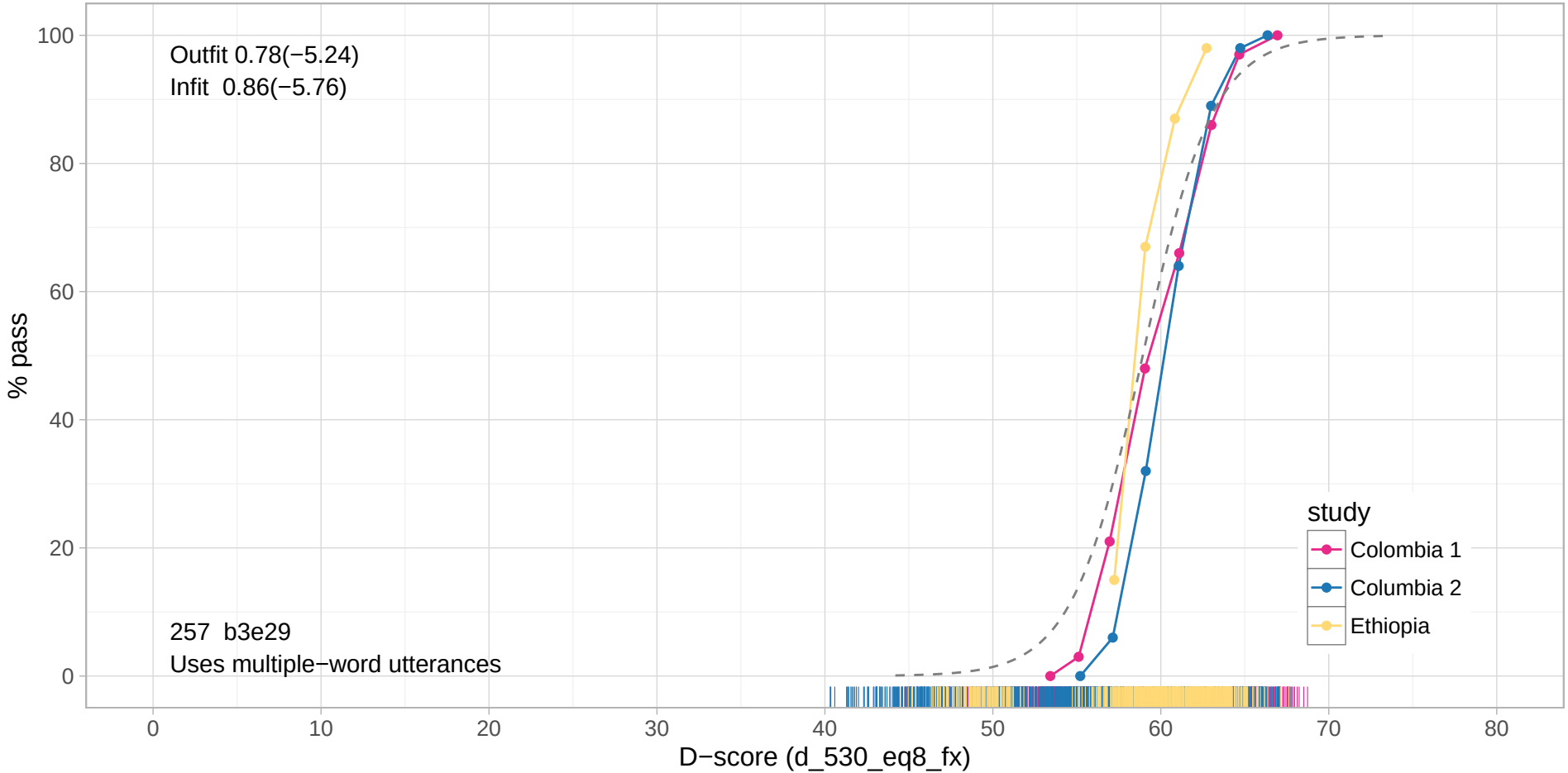

Outfit 0.92(−0.96)
Infit 0.92(−2.62)
252 b3e19
Uses word to make wants known
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

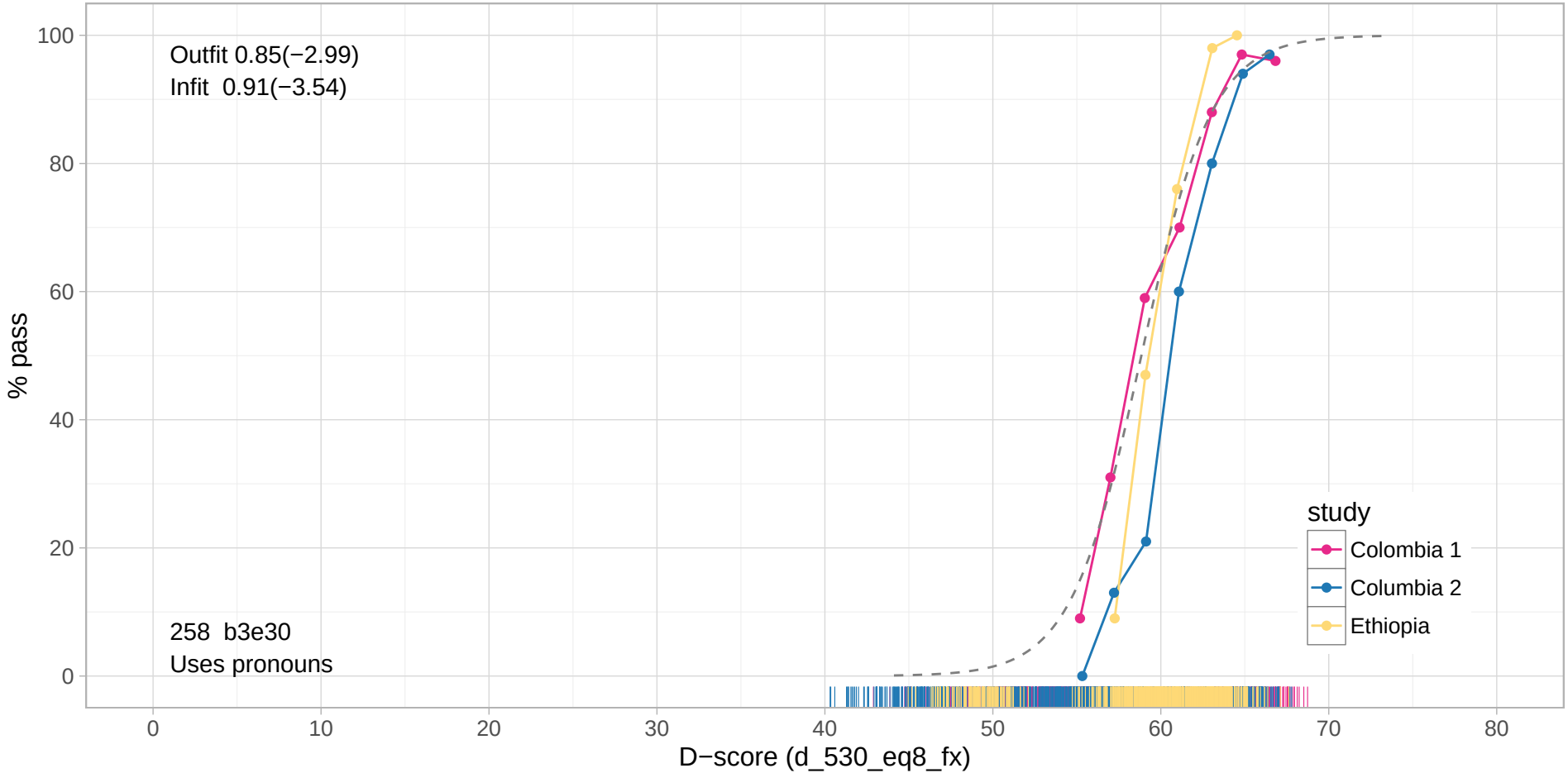

Outfit 0.74(−4.65)
Infit 0.76(−8.32)
253 b3e21
Combines word and gesture
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

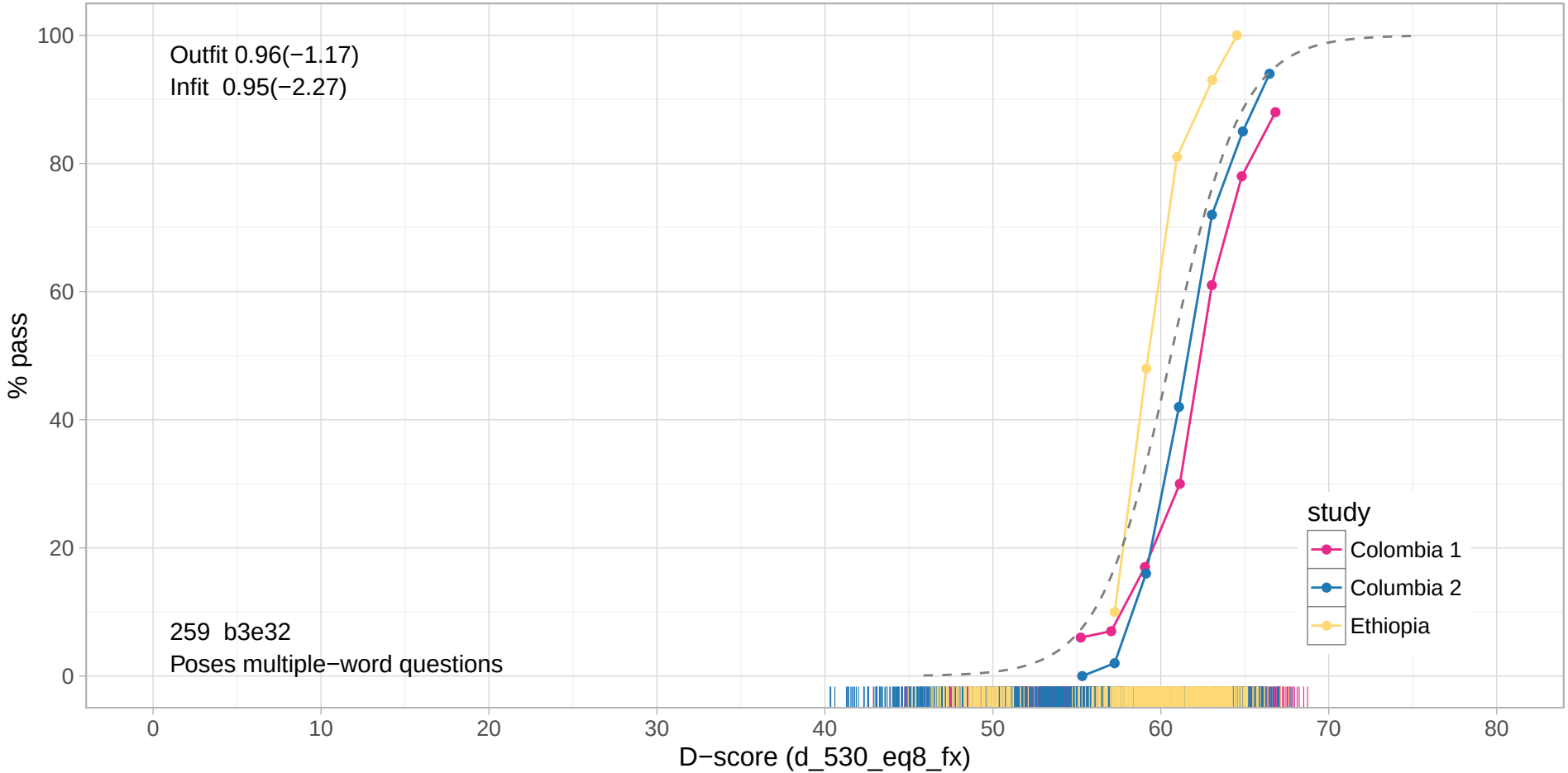

Outfit 0.78(−5.5)
Infit 0.81(−7.46)
254 b3e25
Imitates a two−word utterance
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

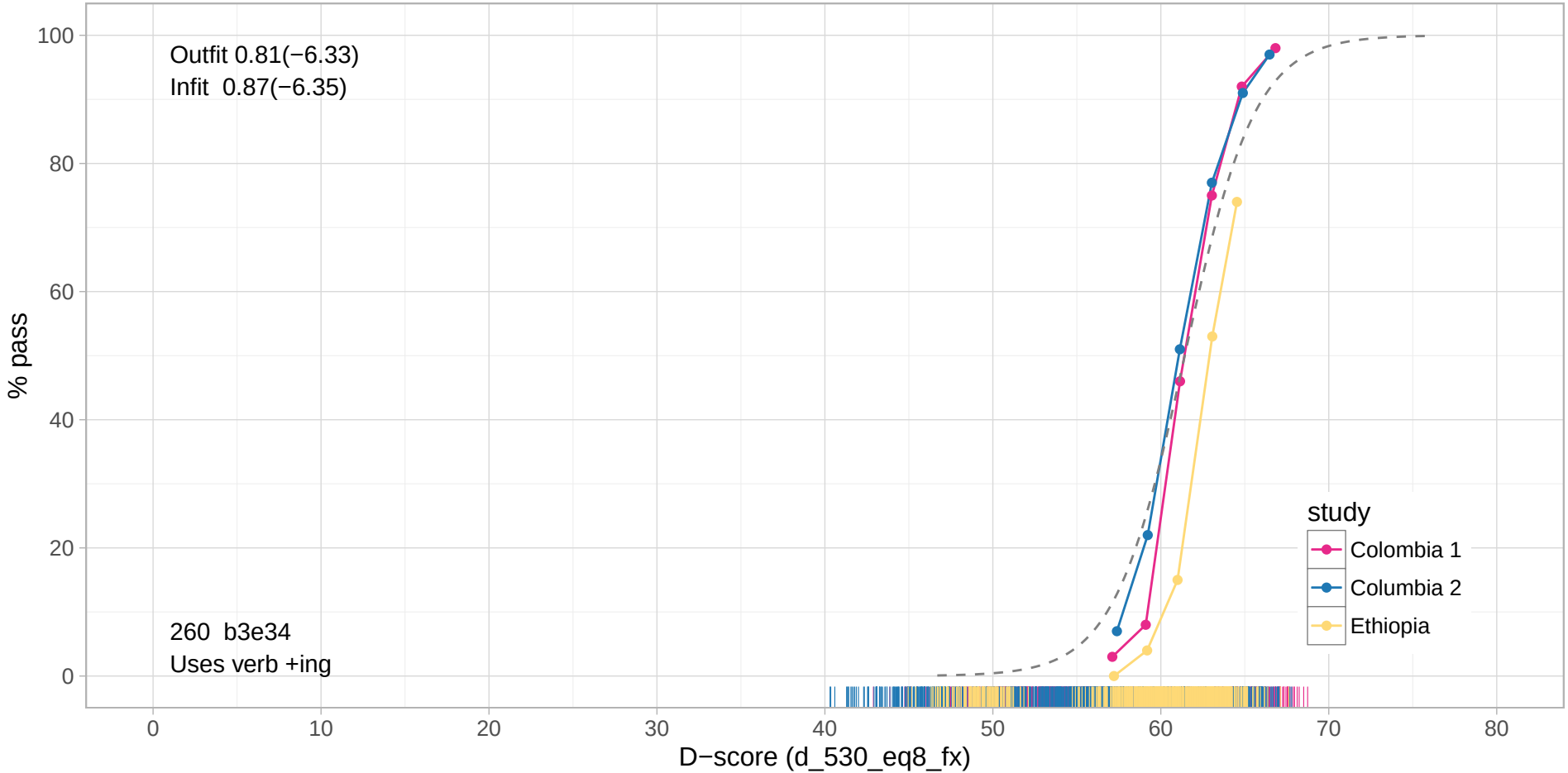

Outfit 0.92(−2)
Infit 0.88(−4.78)
255 b3e26
Uses a two−word utterance
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

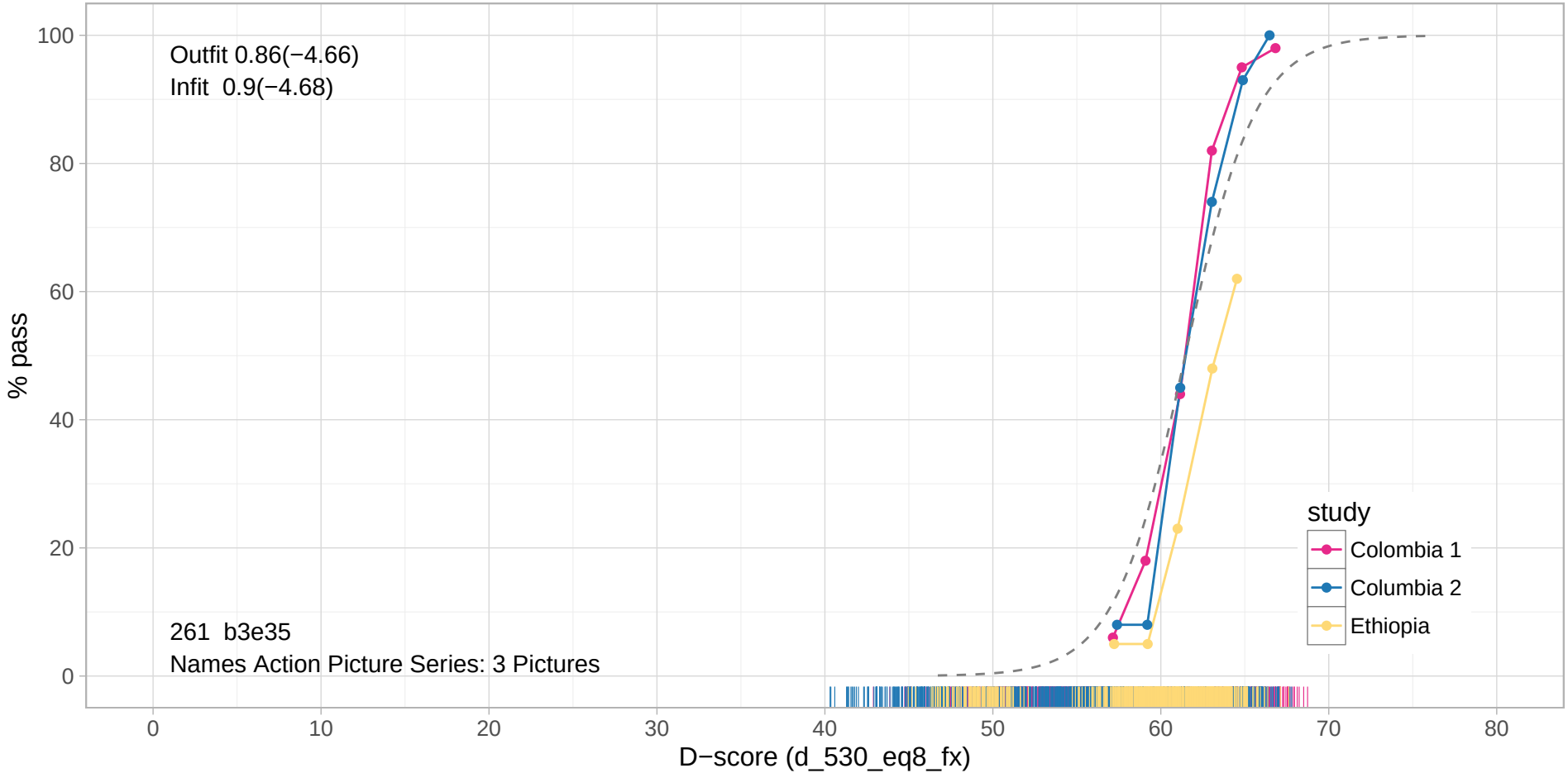

Outfit 0.96(−0.41)
Infit 1.17(4.58)
256 b3e28
Names Picture Series: 5 Pictures
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

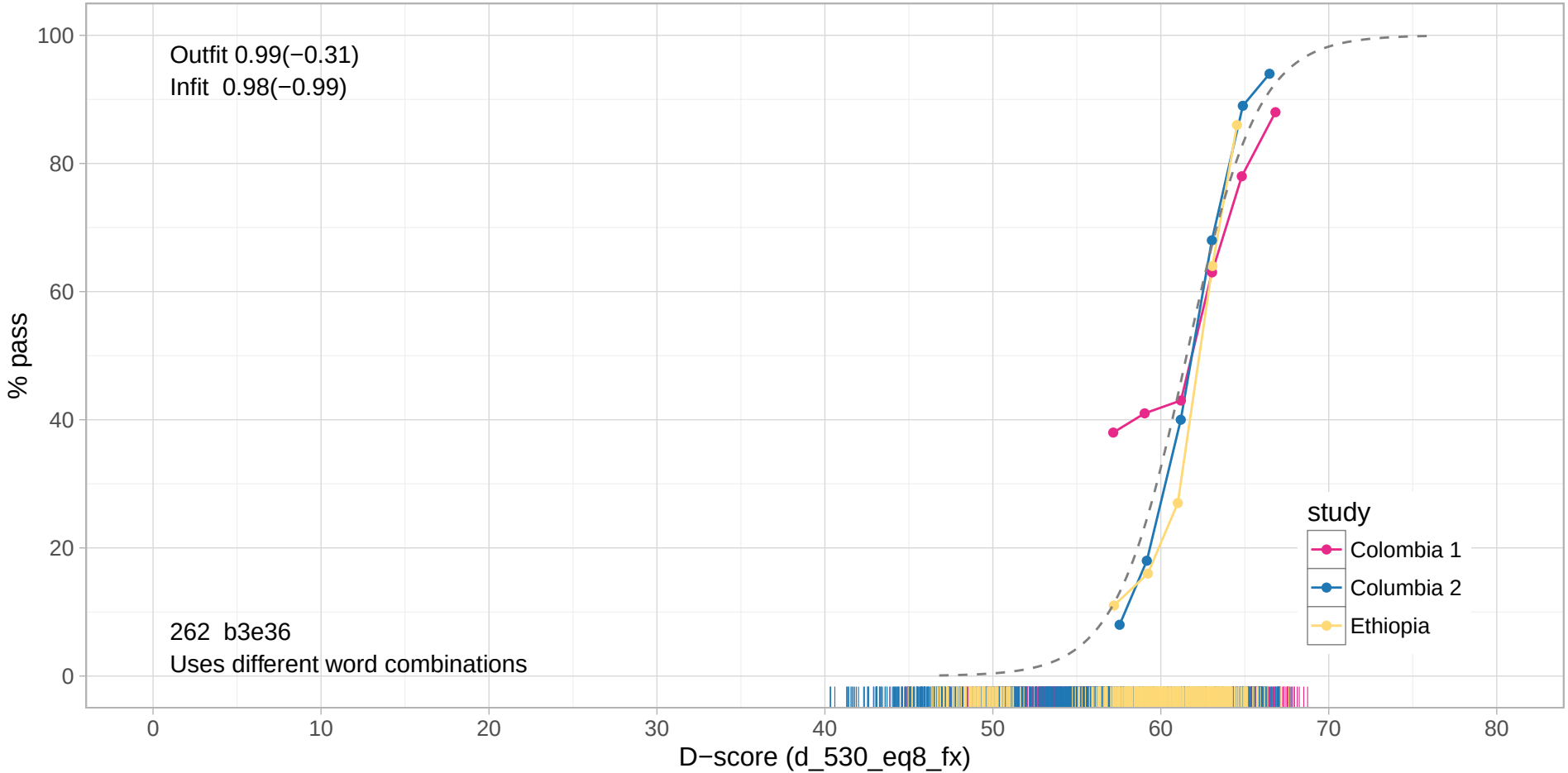

Outfit 0.78(−5.24)
Infit 0.86(−5.76)
257 b3e29
Uses multiple−word utterances
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

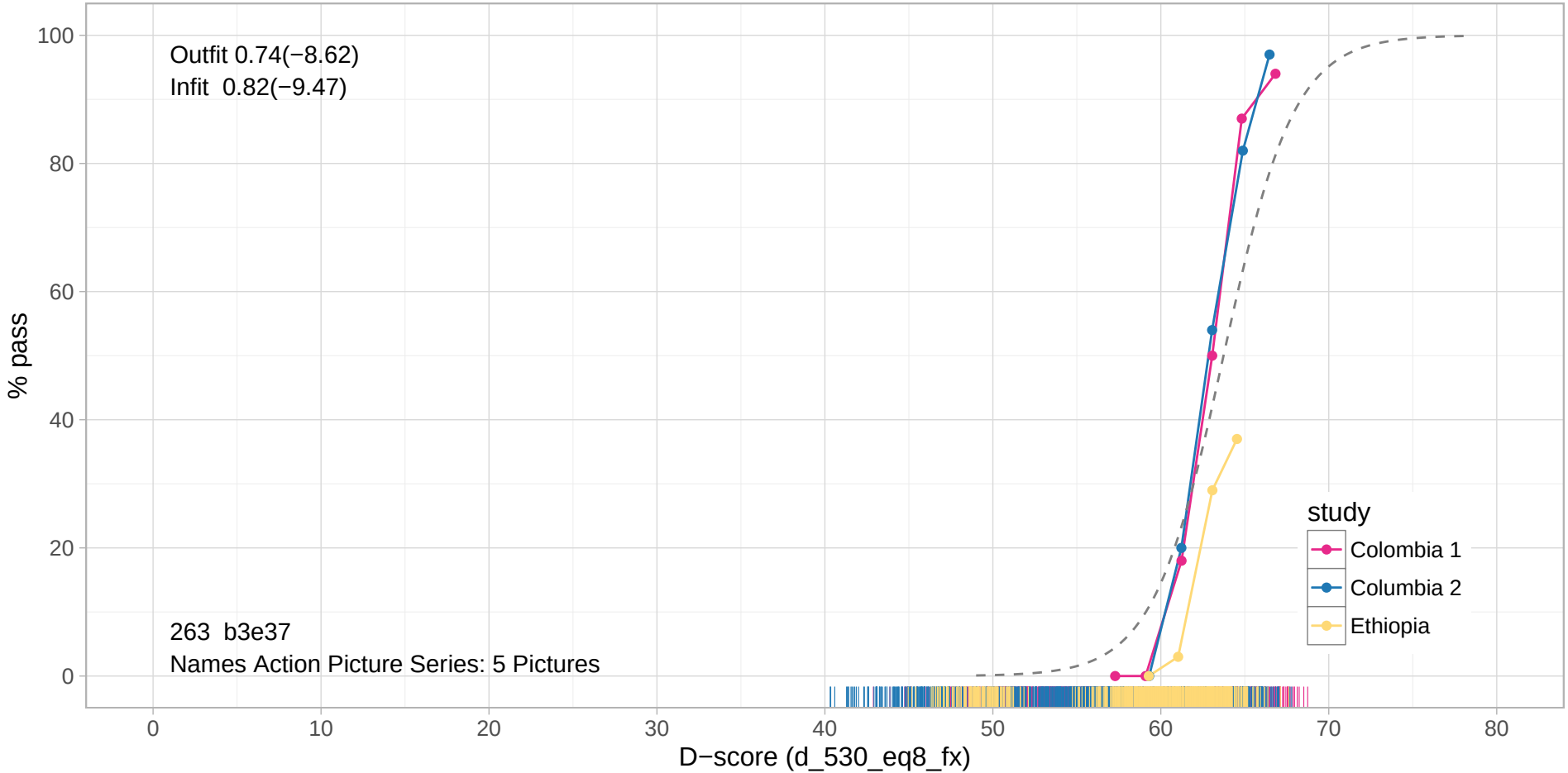

Outfit 0.85(−2.99)
Infit 0.91(−3.54)
258 b3e30
Uses pronouns
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

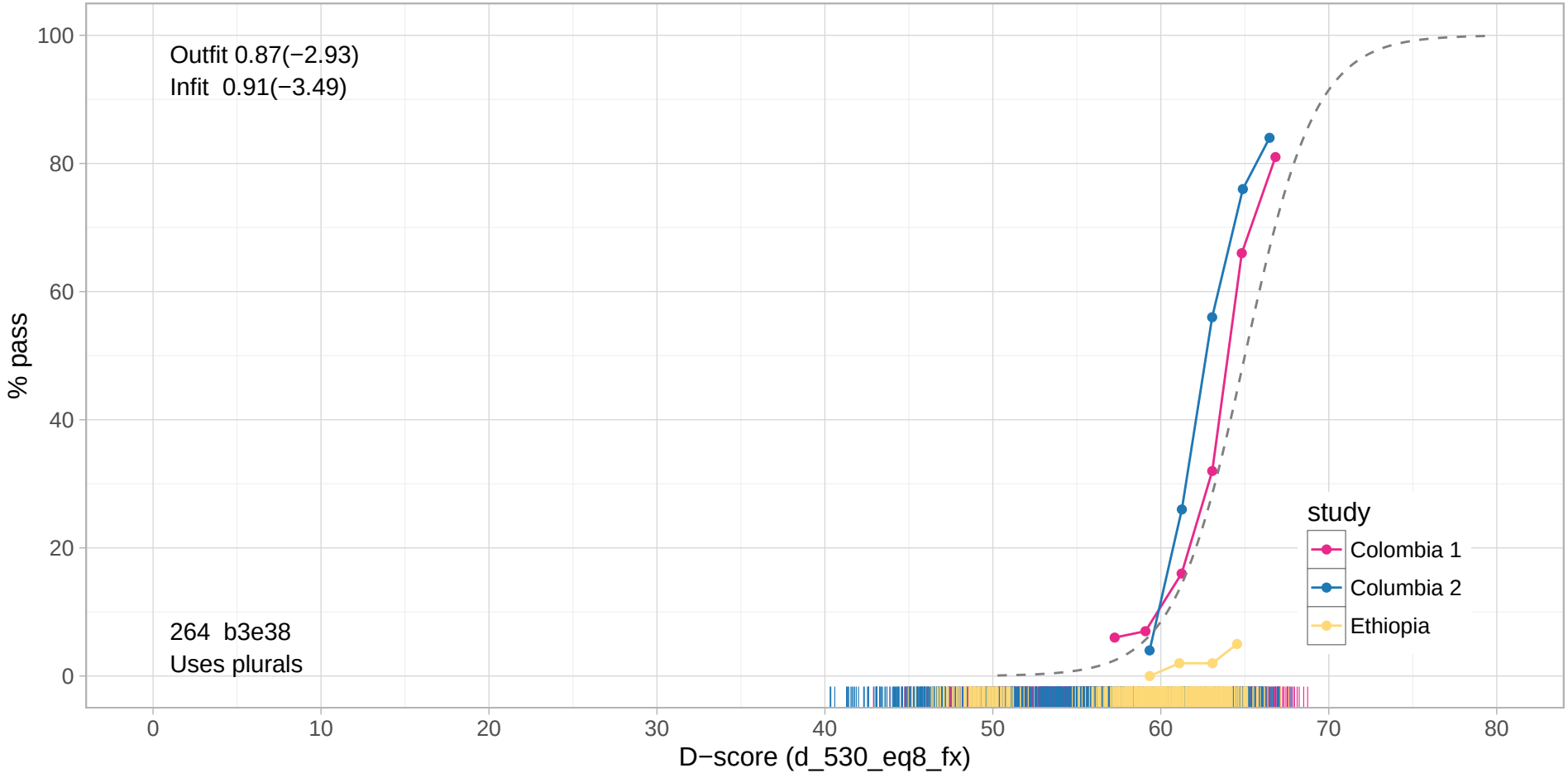

Outfit 0.96(−1.17)
Infit 0.95(−2.27)
259 b3e32
Poses multiple−word questions
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

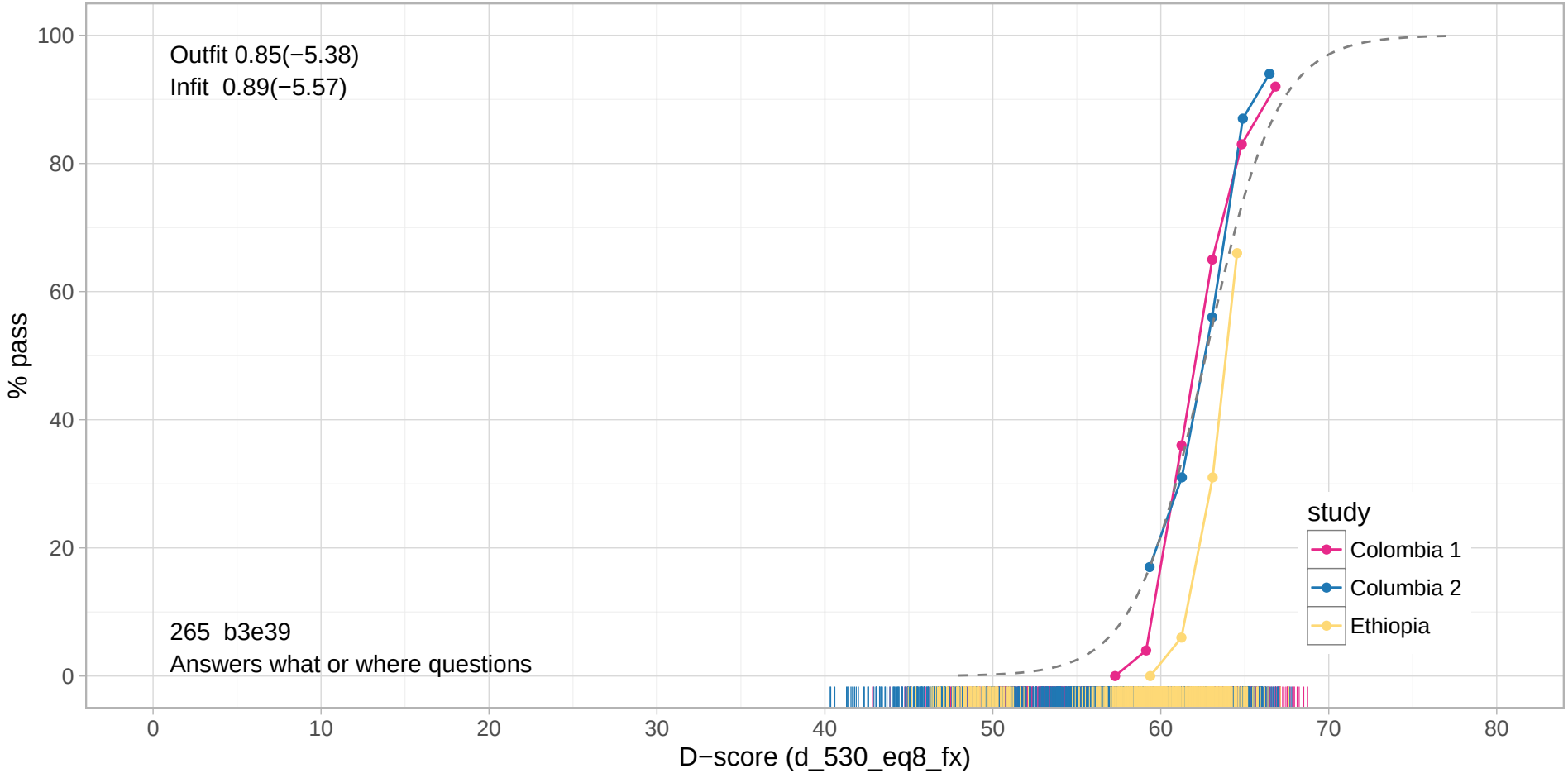

Outfit 0.81(−6.33)
Infit 0.87(−6.35)
260 b3e34
Uses verb +ing
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

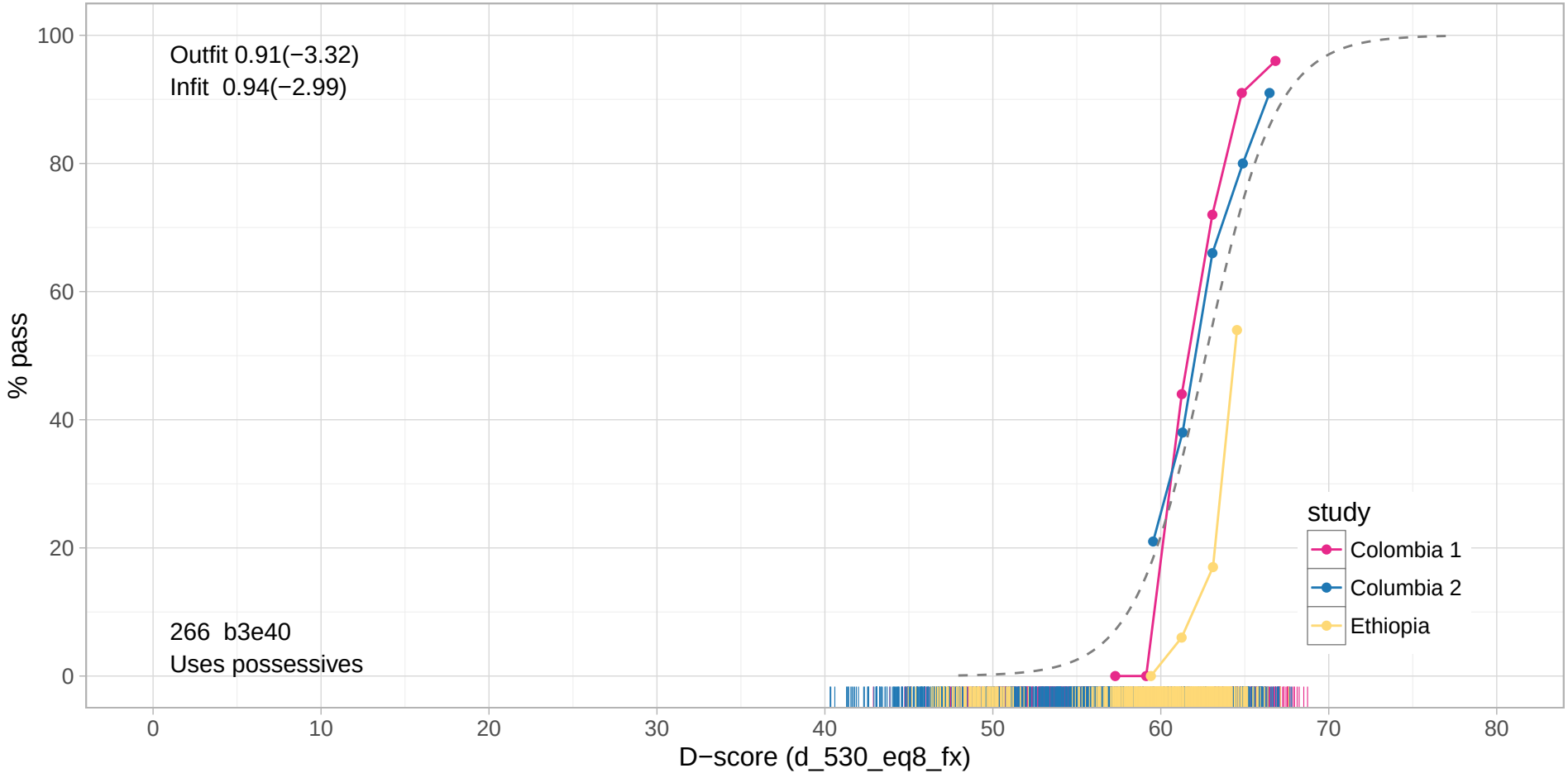

Outfit 0.86(−4.66)
Infit 0.9(−4.68)
261 b3e35
Names Action Picture Series: 3 Pictures
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

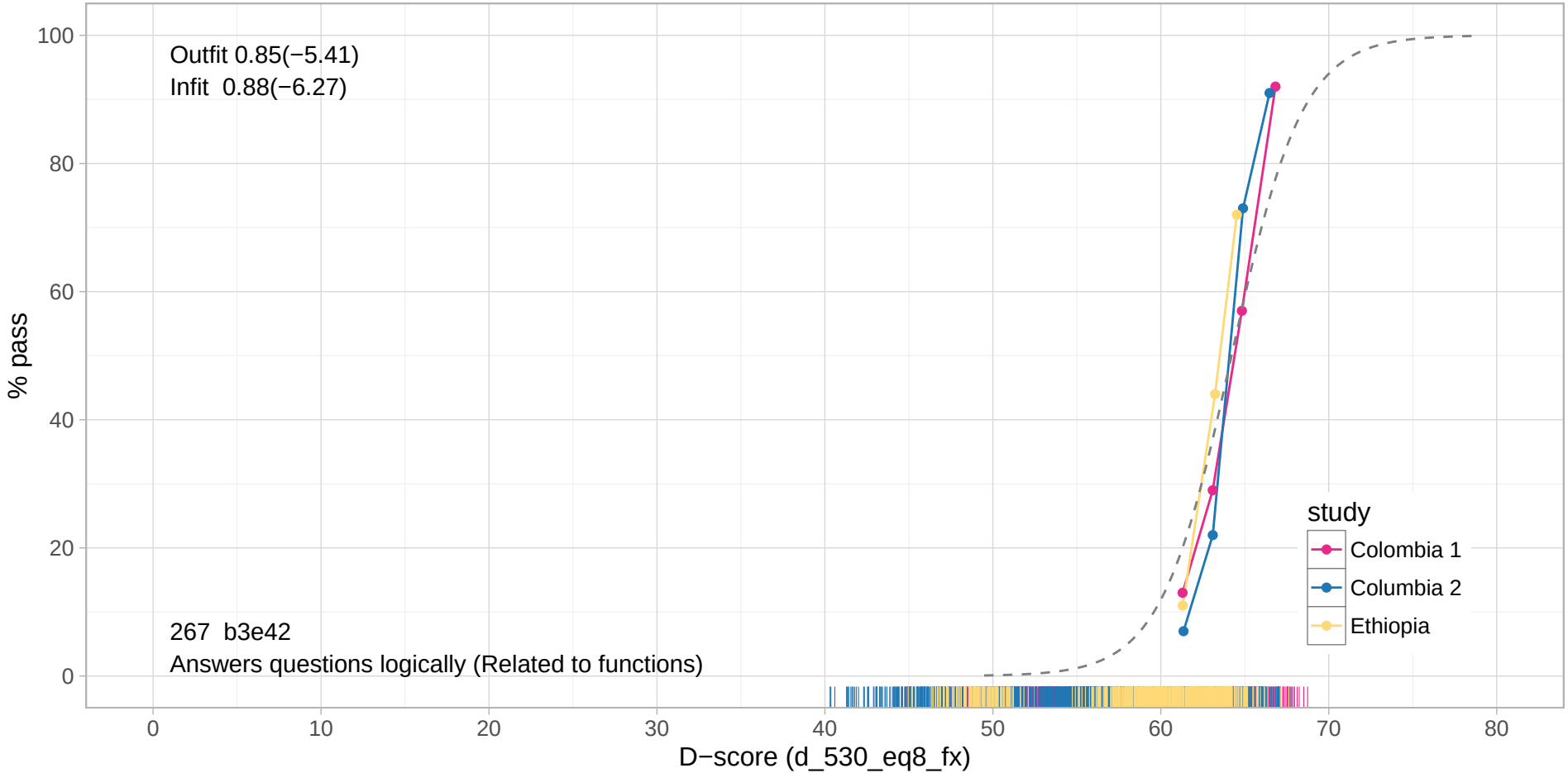

Outfit 0.99(−0.31)
Infit 0.98(−0.99)
262 b3e36
Uses different word combinations
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

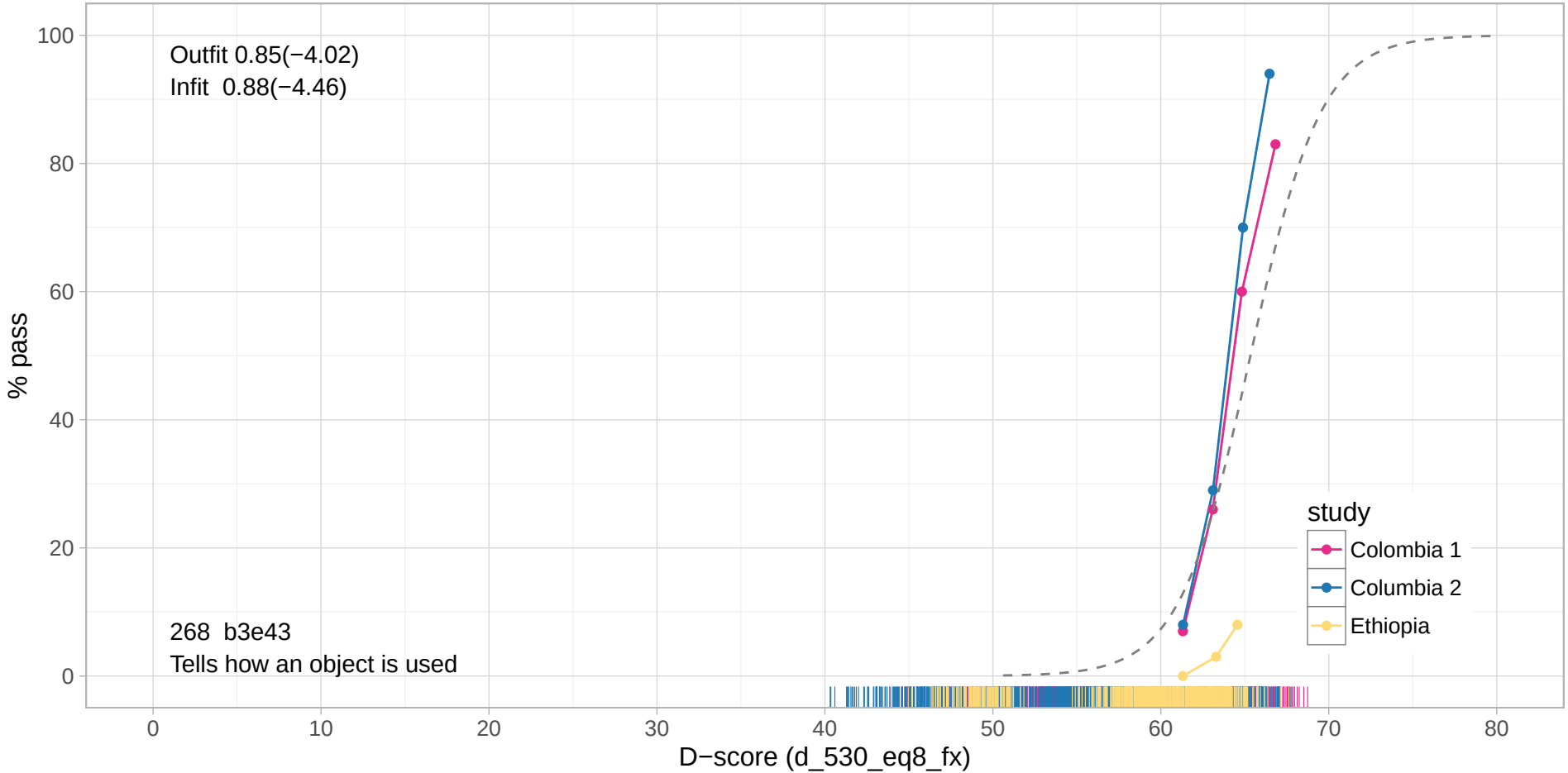

Outfit 0.74(−8.62)
Infit 0.82(−9.47)
263 b3e37
Names Action Picture Series: 5 Pictures
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

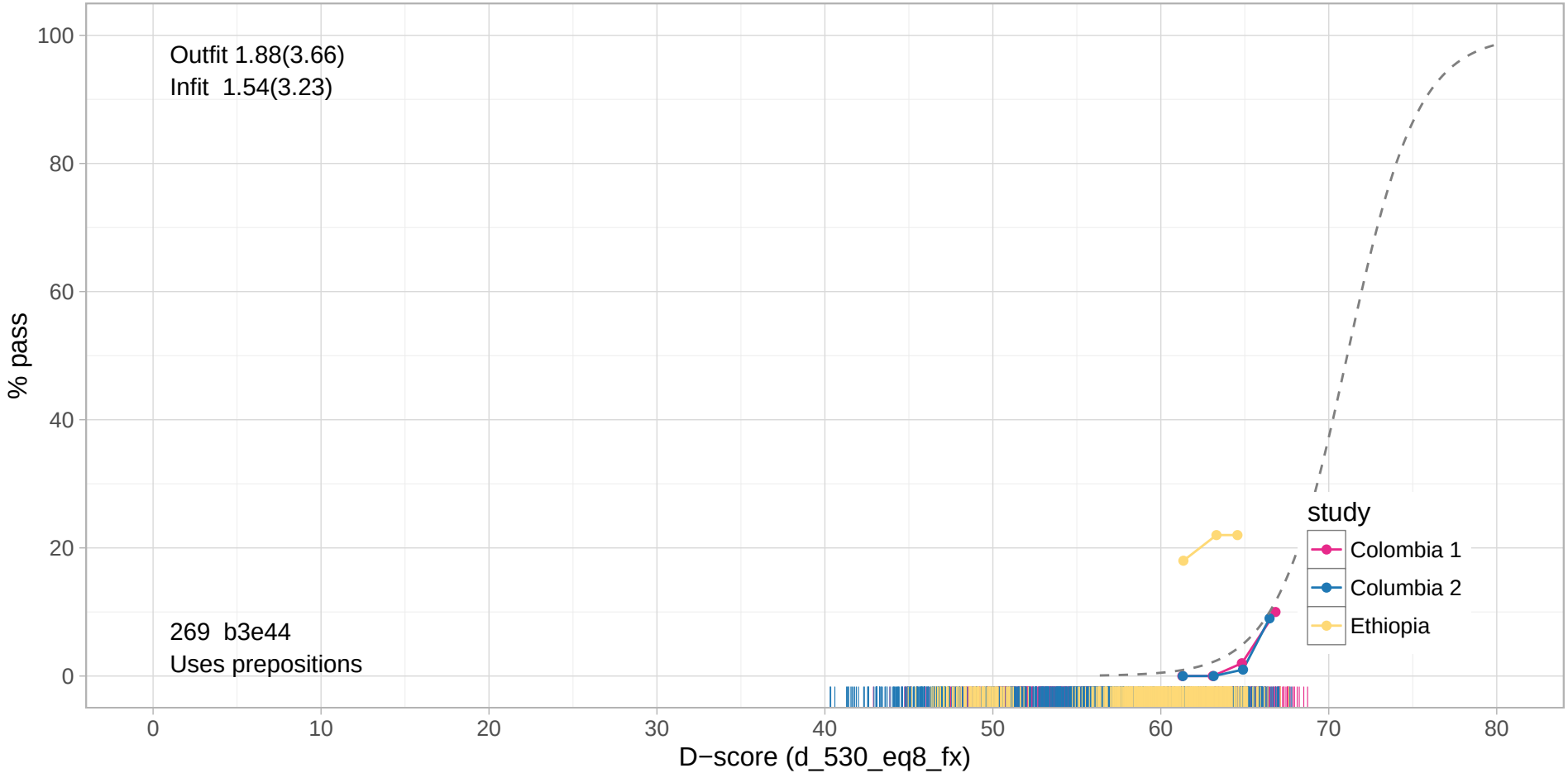

Outfit 0.87(−2.93)
Infit 0.91(−3.49)
264 b3e38
Uses plurals
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

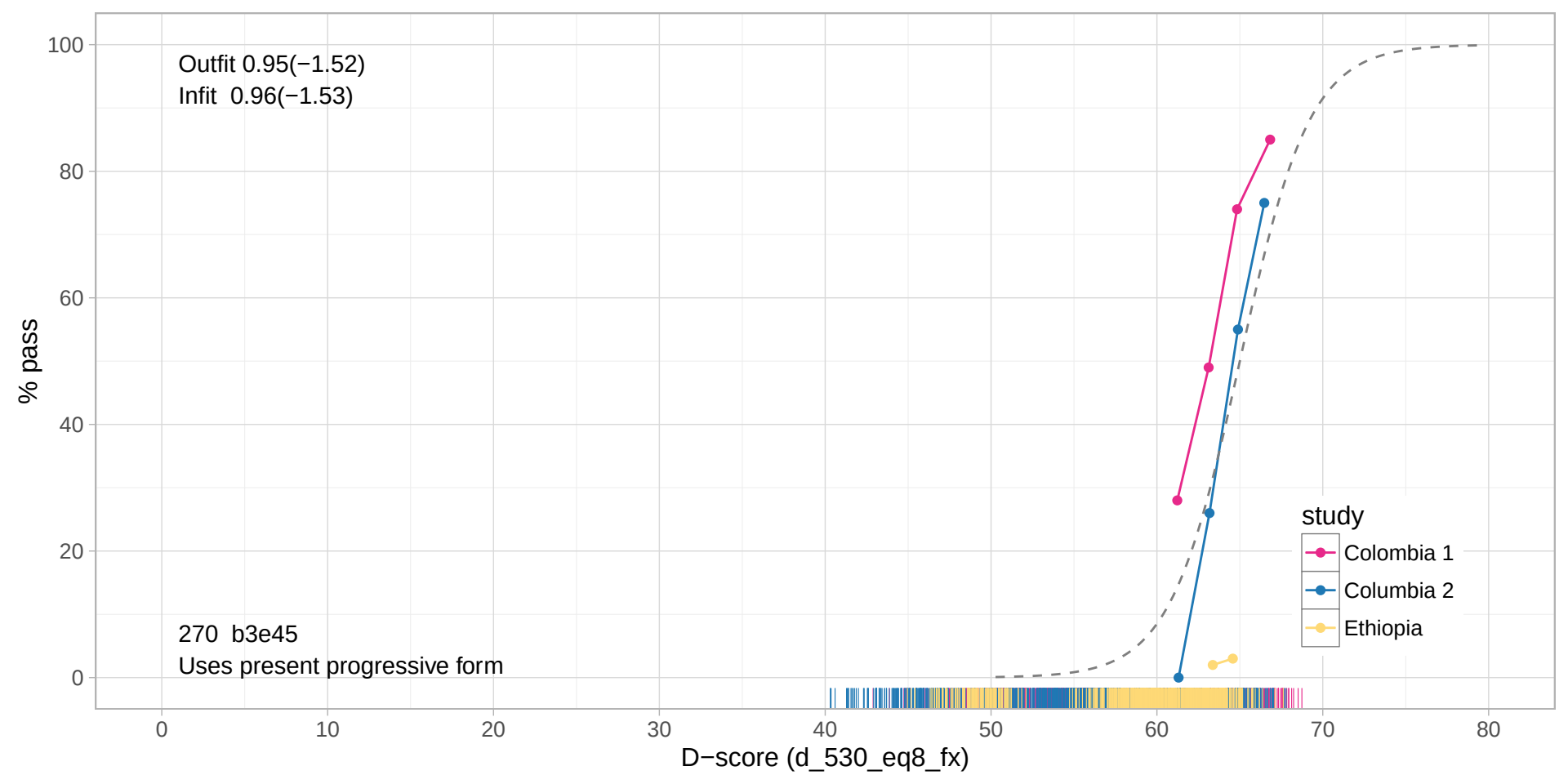

Outfit 0.85(−5.38)
Infit 0.89(−5.57)
265 b3e39
Answers what or where questions
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

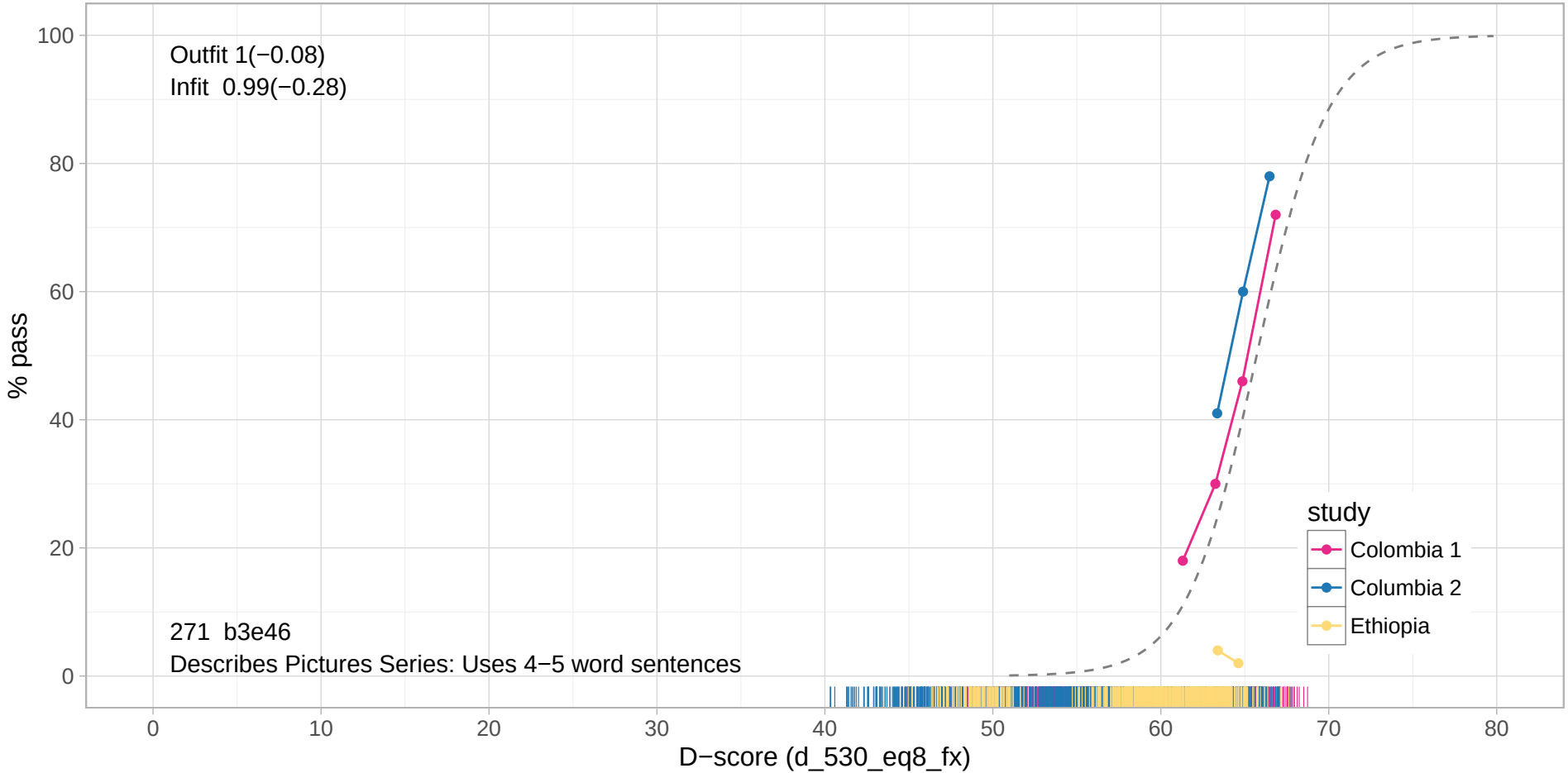

Outfit 0.91(−3.32)
Infit 0.94(−2.99)
266 b3e40
Uses possessives
% pass
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

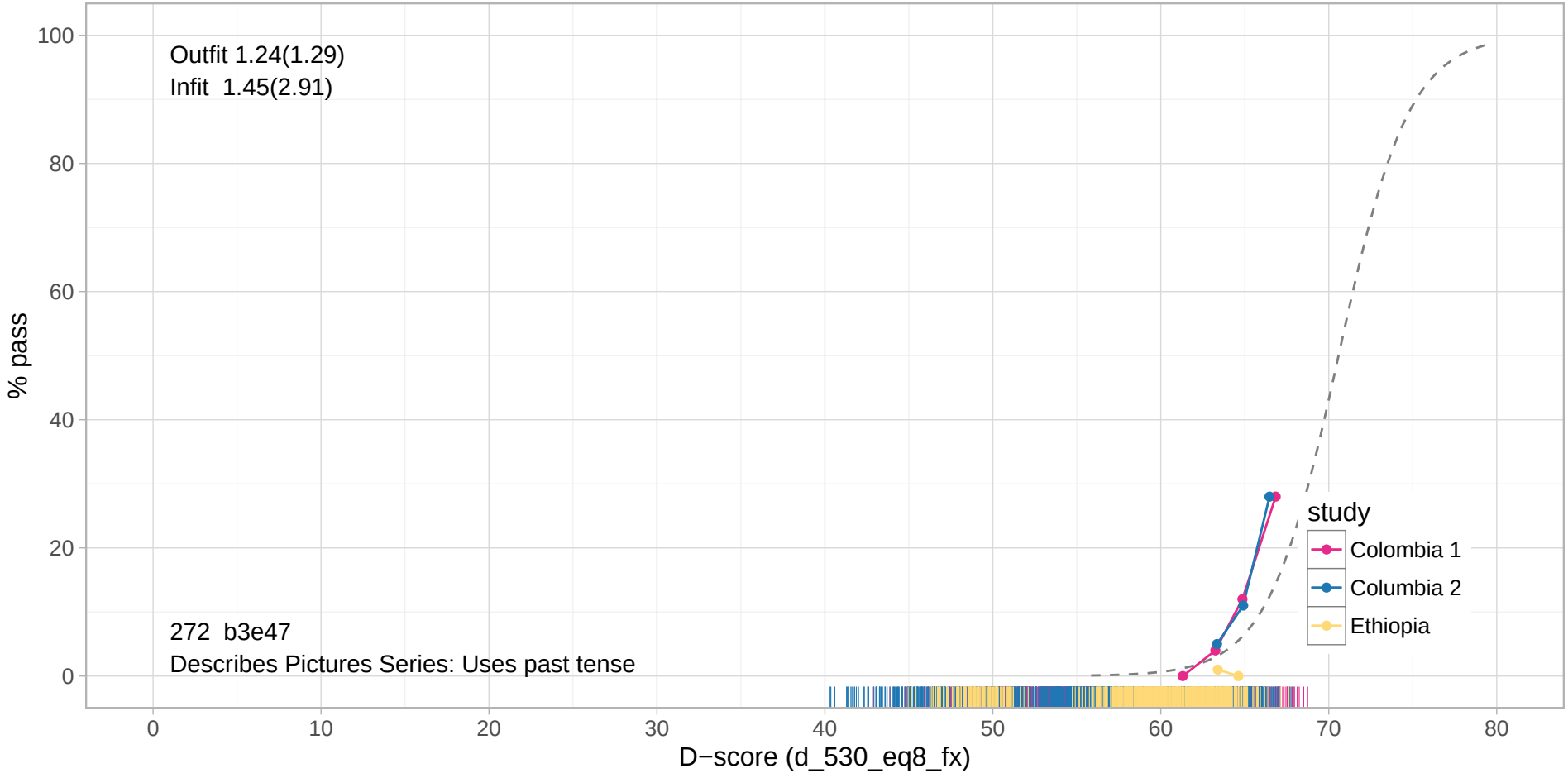

Outfit 0.85(−5.41)
Infit 0.88(−6.27)
267 b3e42
Answers questions logically (Related to functions)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

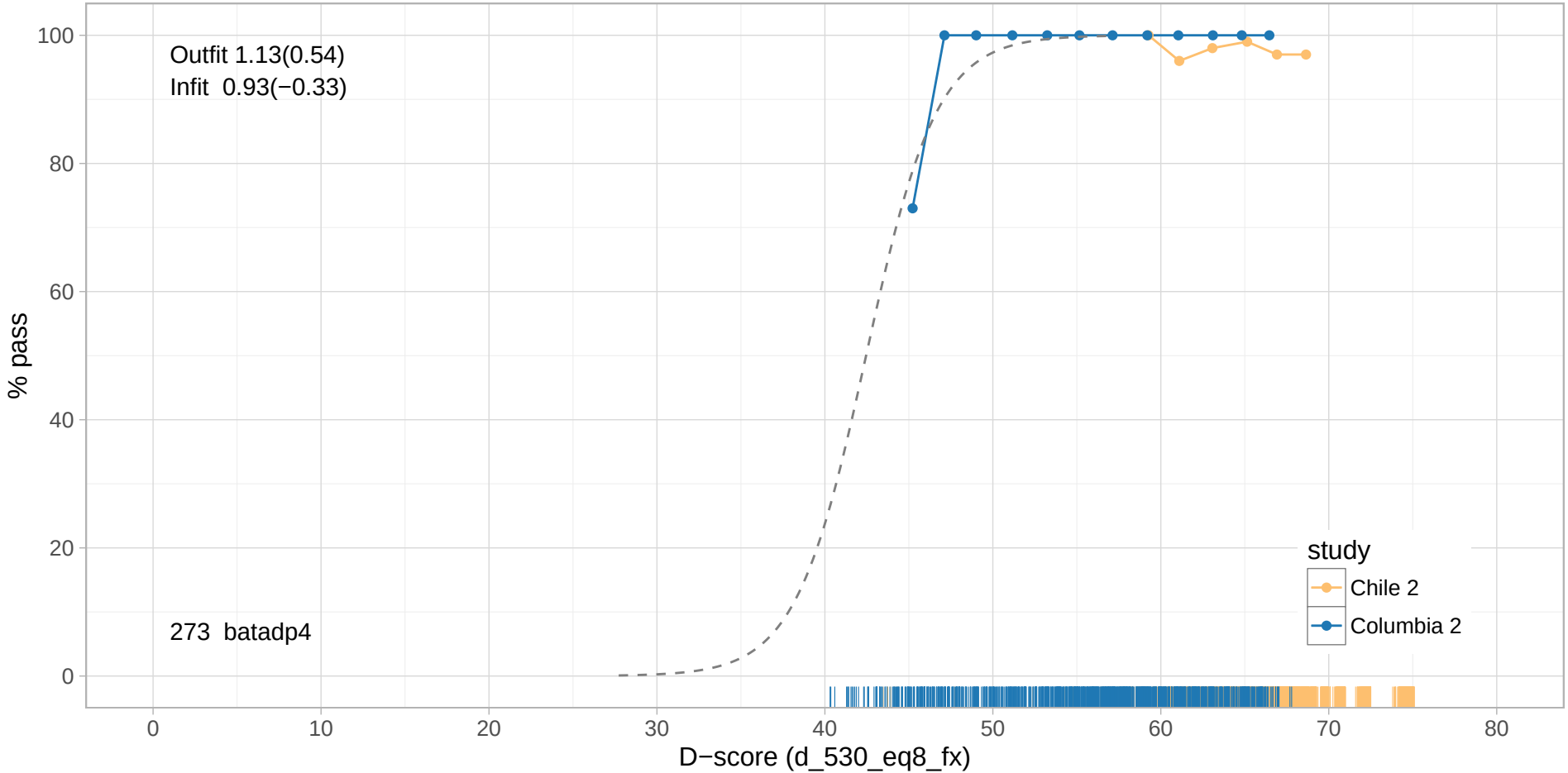

Outfit 0.85(−4.02)
Infit 0.88(−4.46)
268 b3e43
Tells how an object is used
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

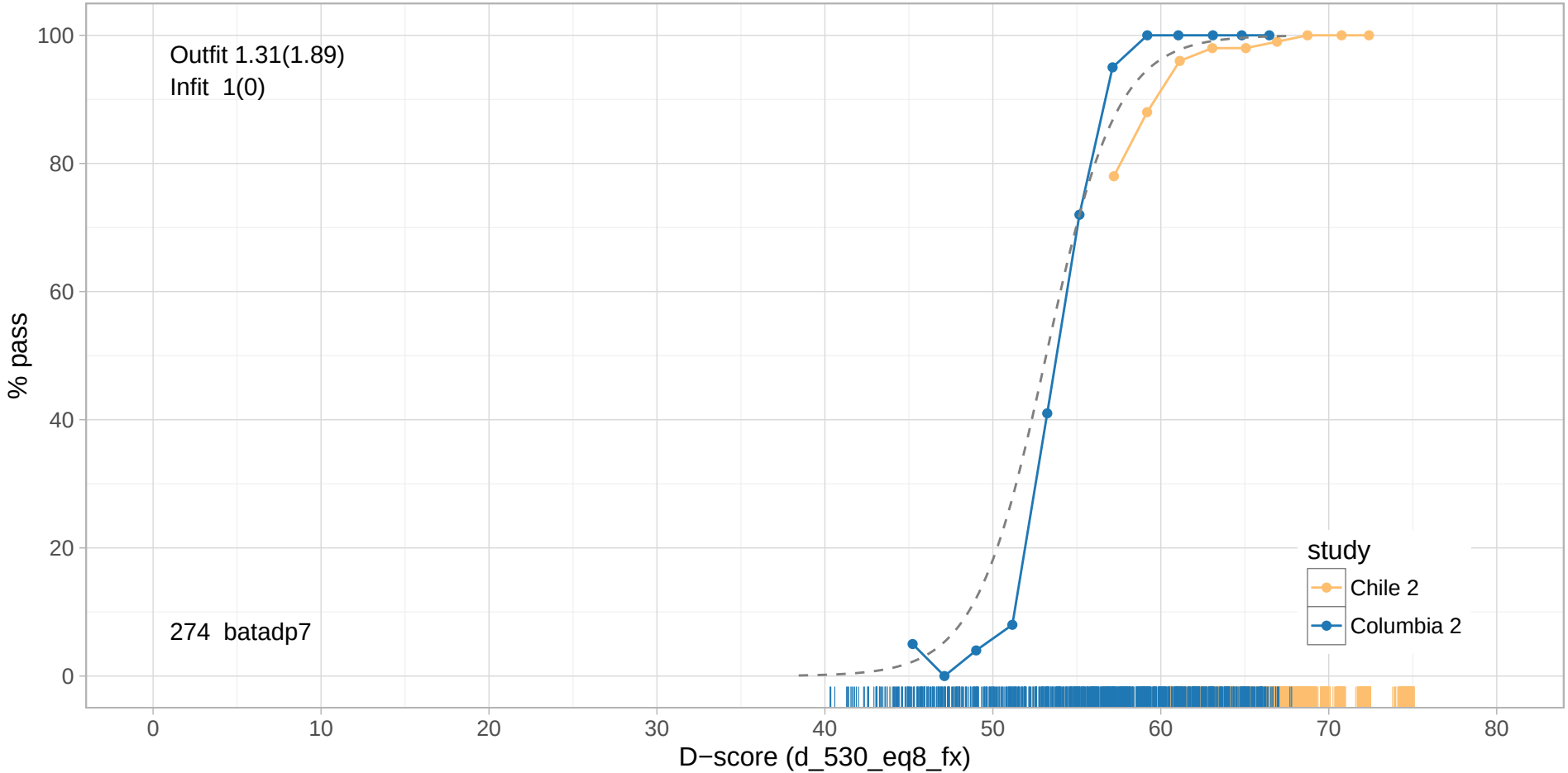

Outfit 1.88(3.66)
Infit 1.54(3.23)
269 b3e44
Uses prepositions
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

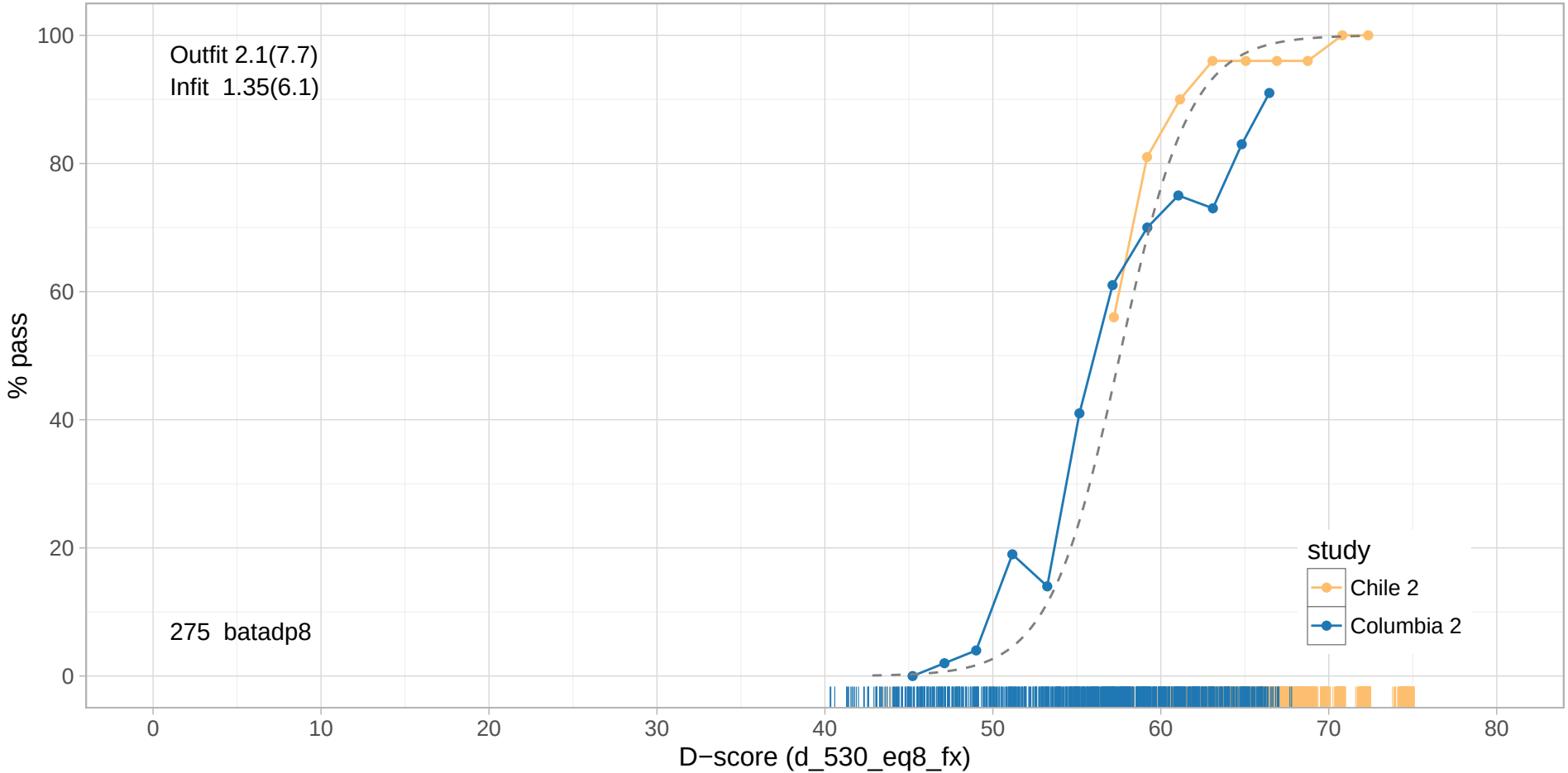

Outfit 0.95(−1.52)
Infit 0.96(−1.53)
270 b3e45
Uses present progressive form
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

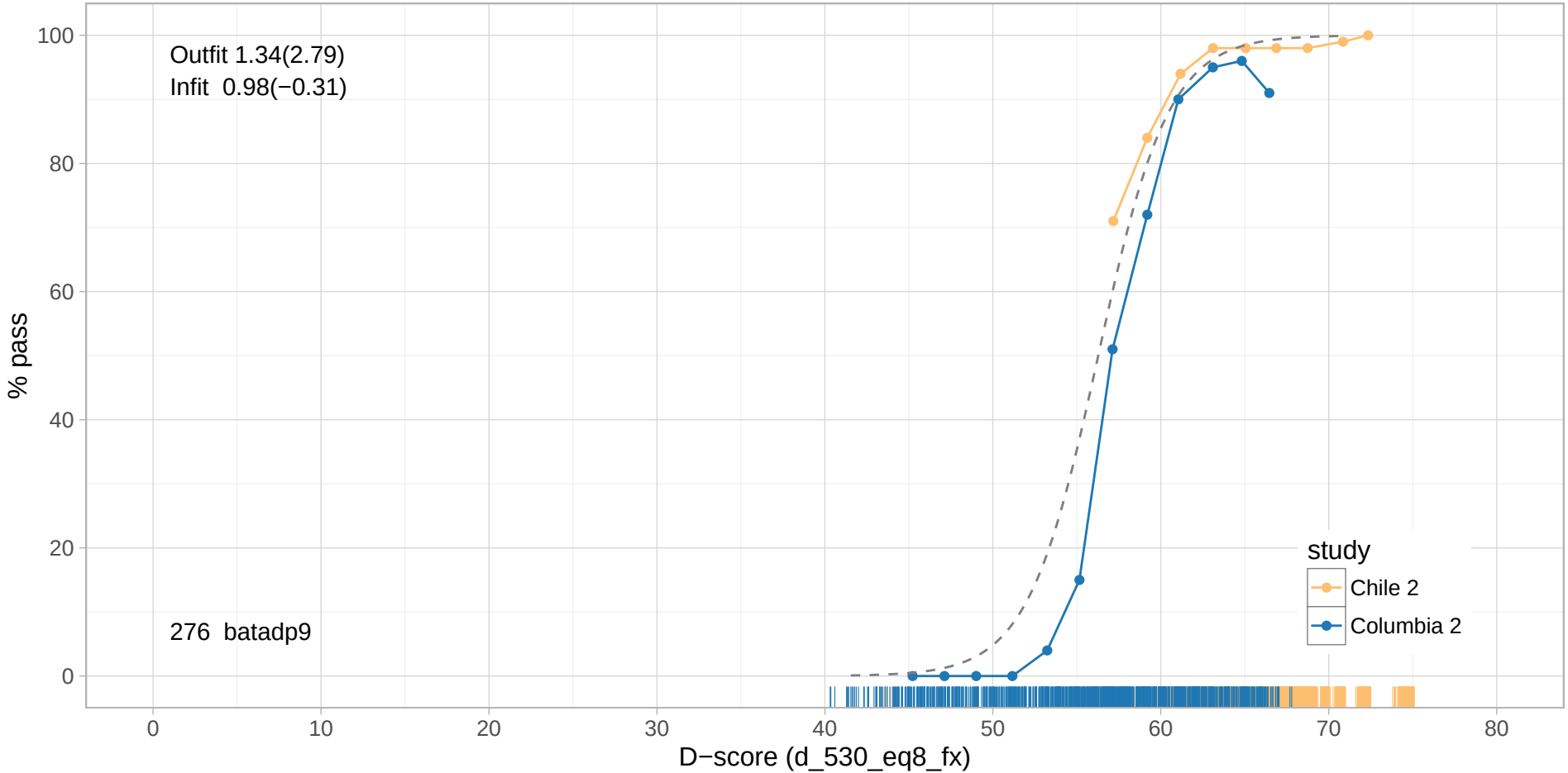

Outfit 1(−0.08)
Infit 0.99(−0.28)
271 b3e46
Describes Pictures Series: Uses 4−5 word sentences
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

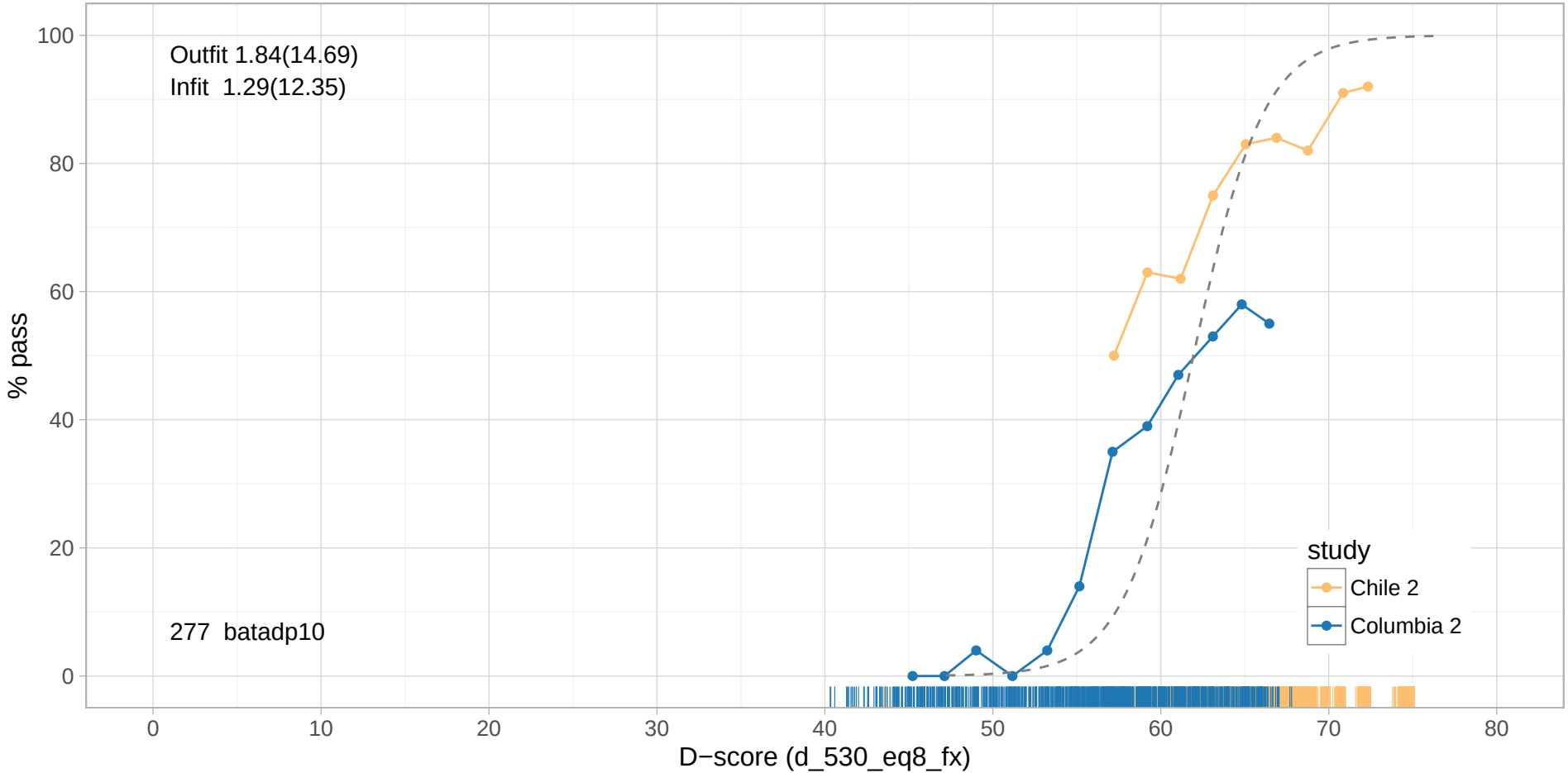

Outfit 1.24(1.29)
Infit 1.45(2.91)
272 b3e47
Describes Pictures Series: Uses past tense
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Colombia 1
Columbia 2
Ethiopia

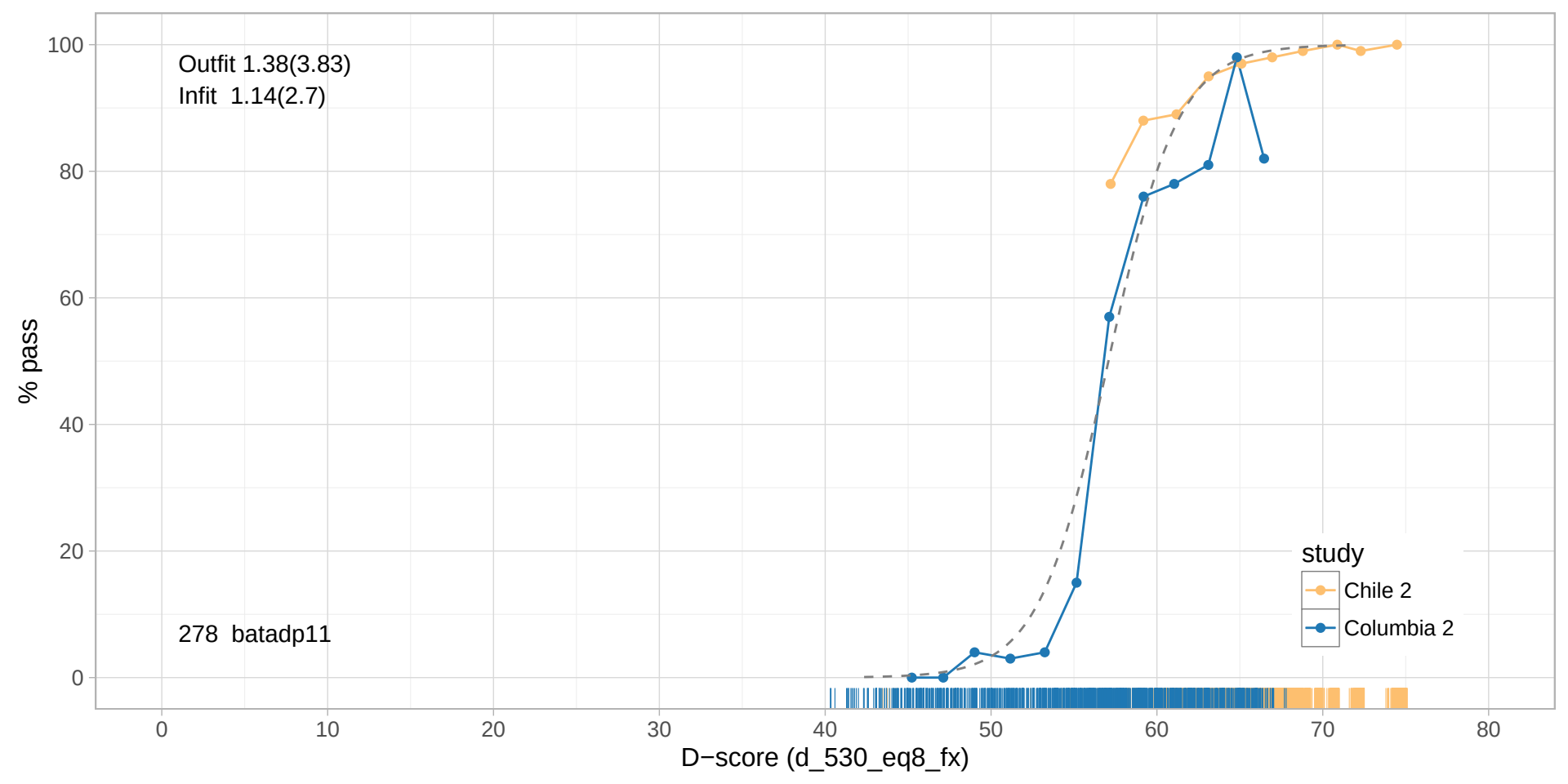

Outfit 1.13(0.54)
Infit 0.93(−0.33)
273 batadp4
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2

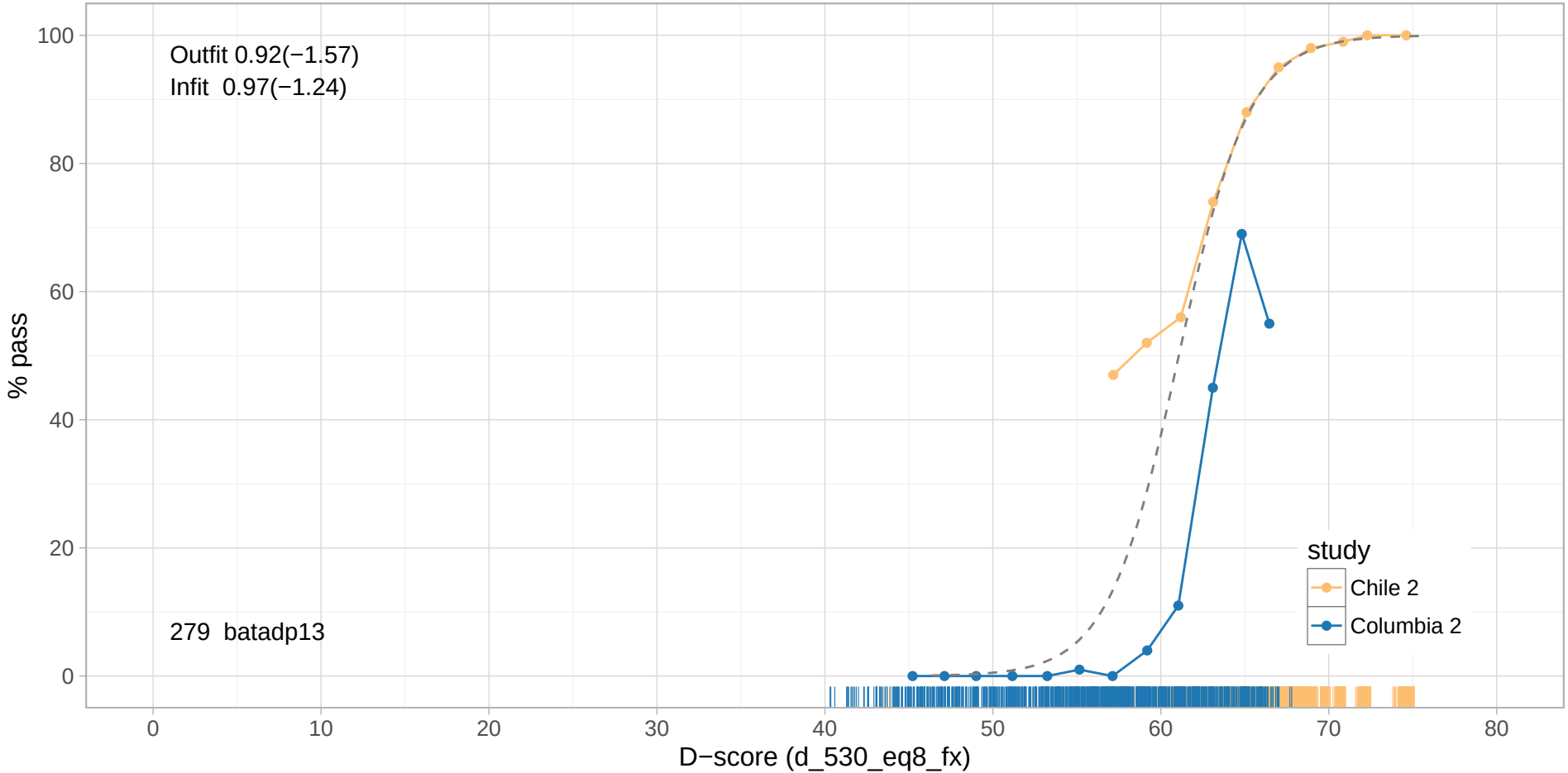

Outfit 1.31(1.89)
Infit 1(0)
274 batadp7
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2

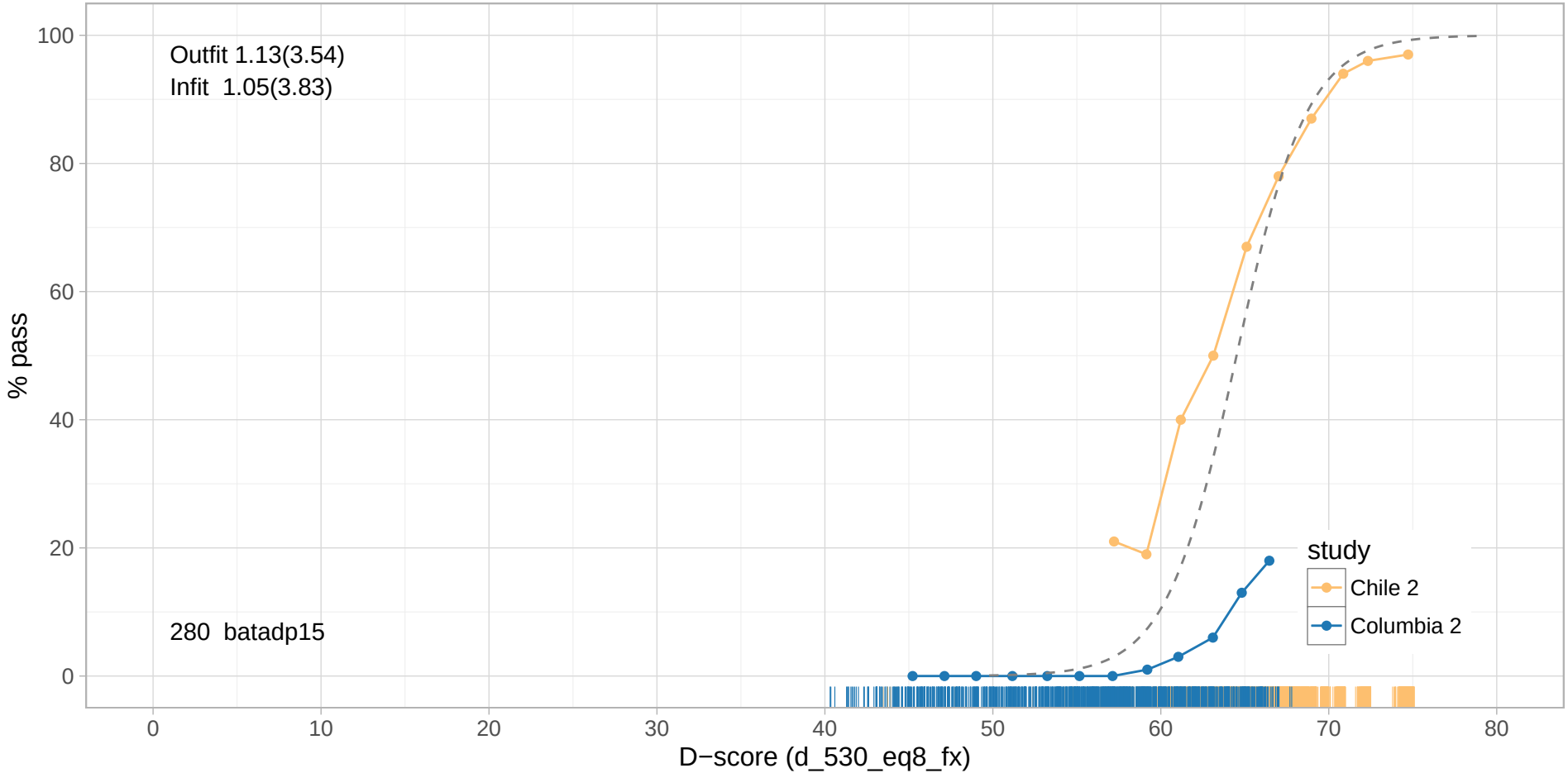

Outfit 2.1(7.7)
Infit 1.35(6.1)
275 batadp8
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2

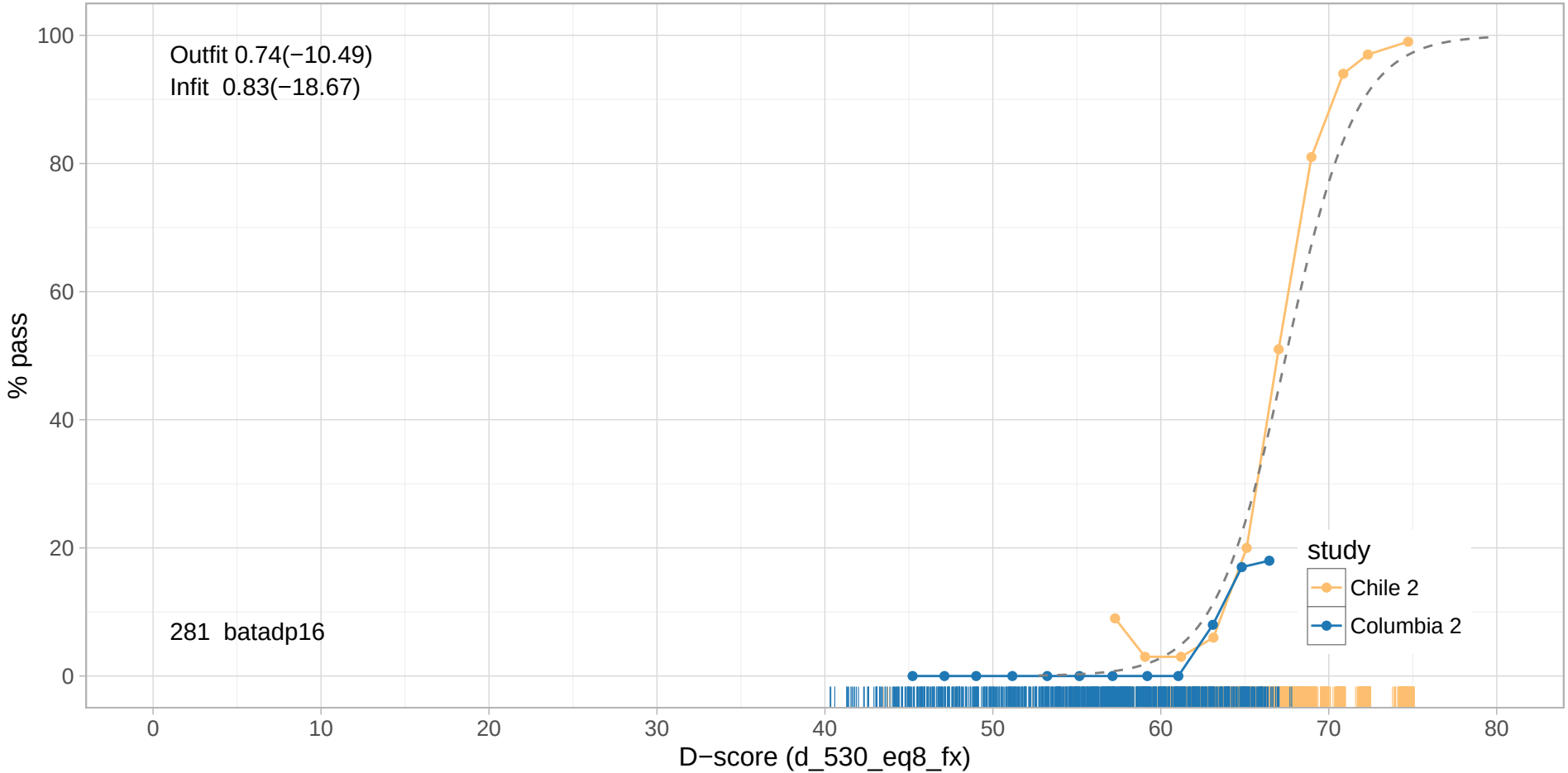

Outfit 1.34(2.79)
Infit 0.98(−0.31)
276 batadp9
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2

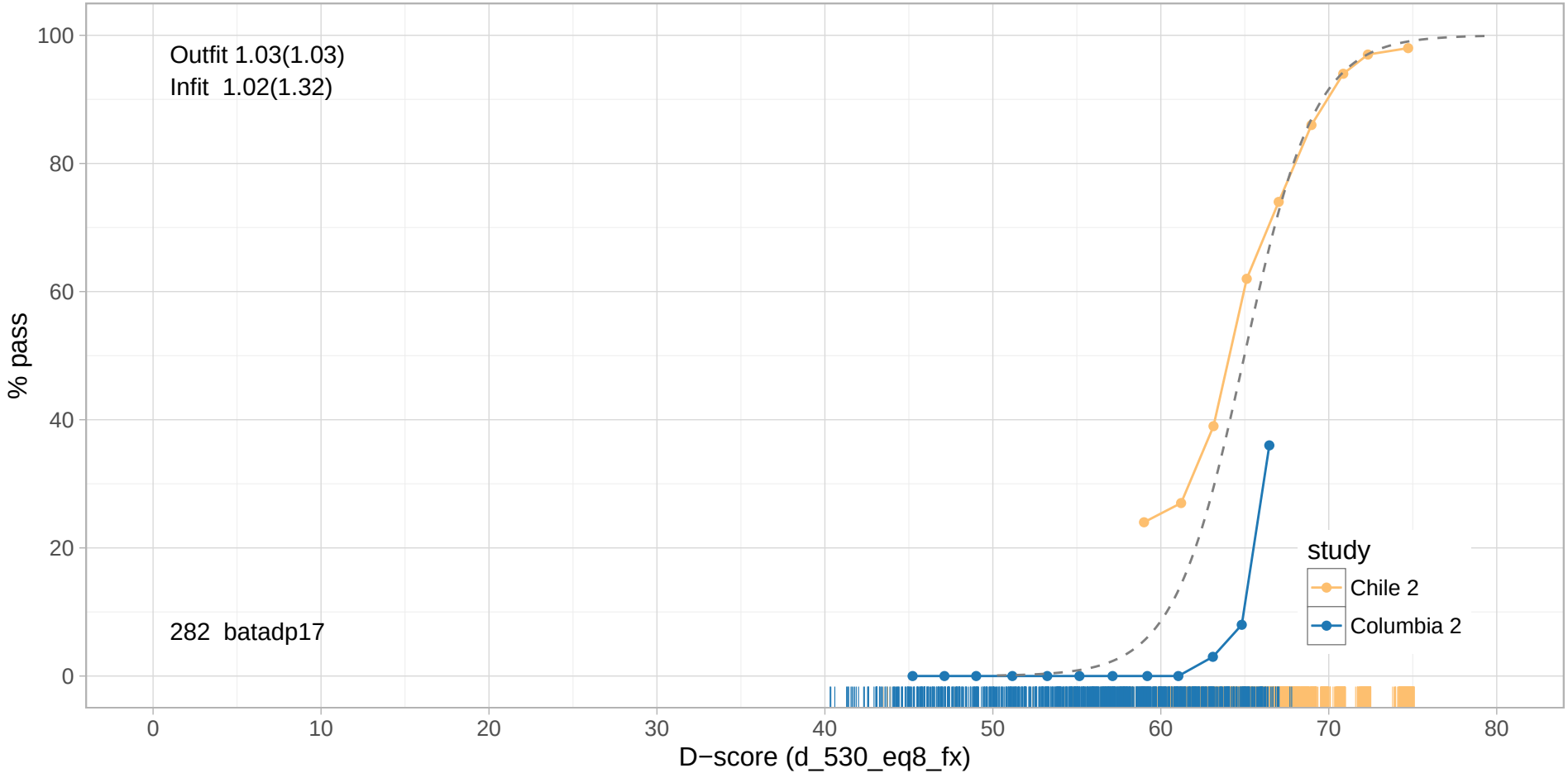

Outfit 1.84(14.69)
Infit 1.29(12.35)
277 batadp10
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2

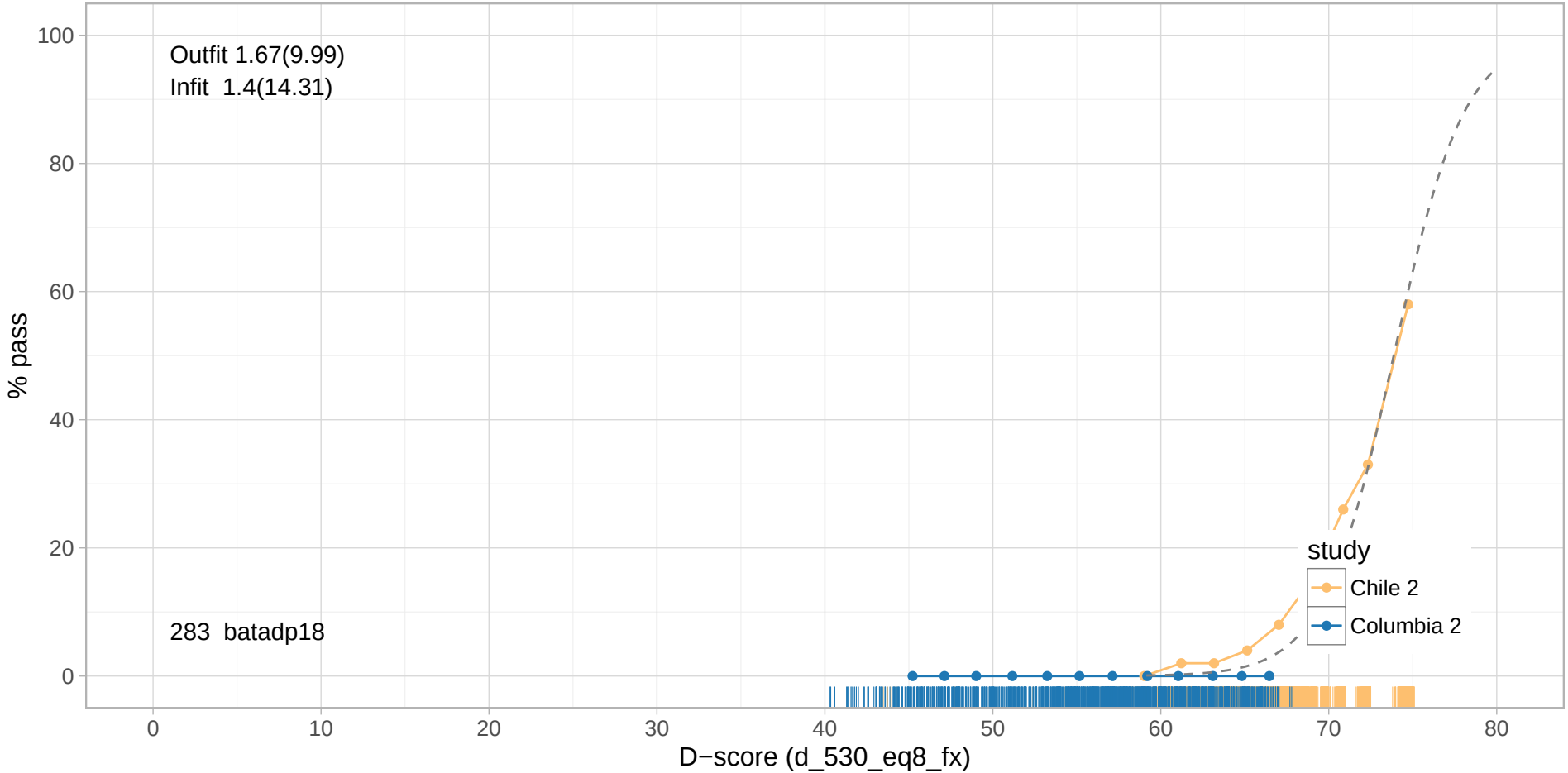

Outfit 1.38(3.83)
Infit 1.14(2.7)
278 batadp11
% pass
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

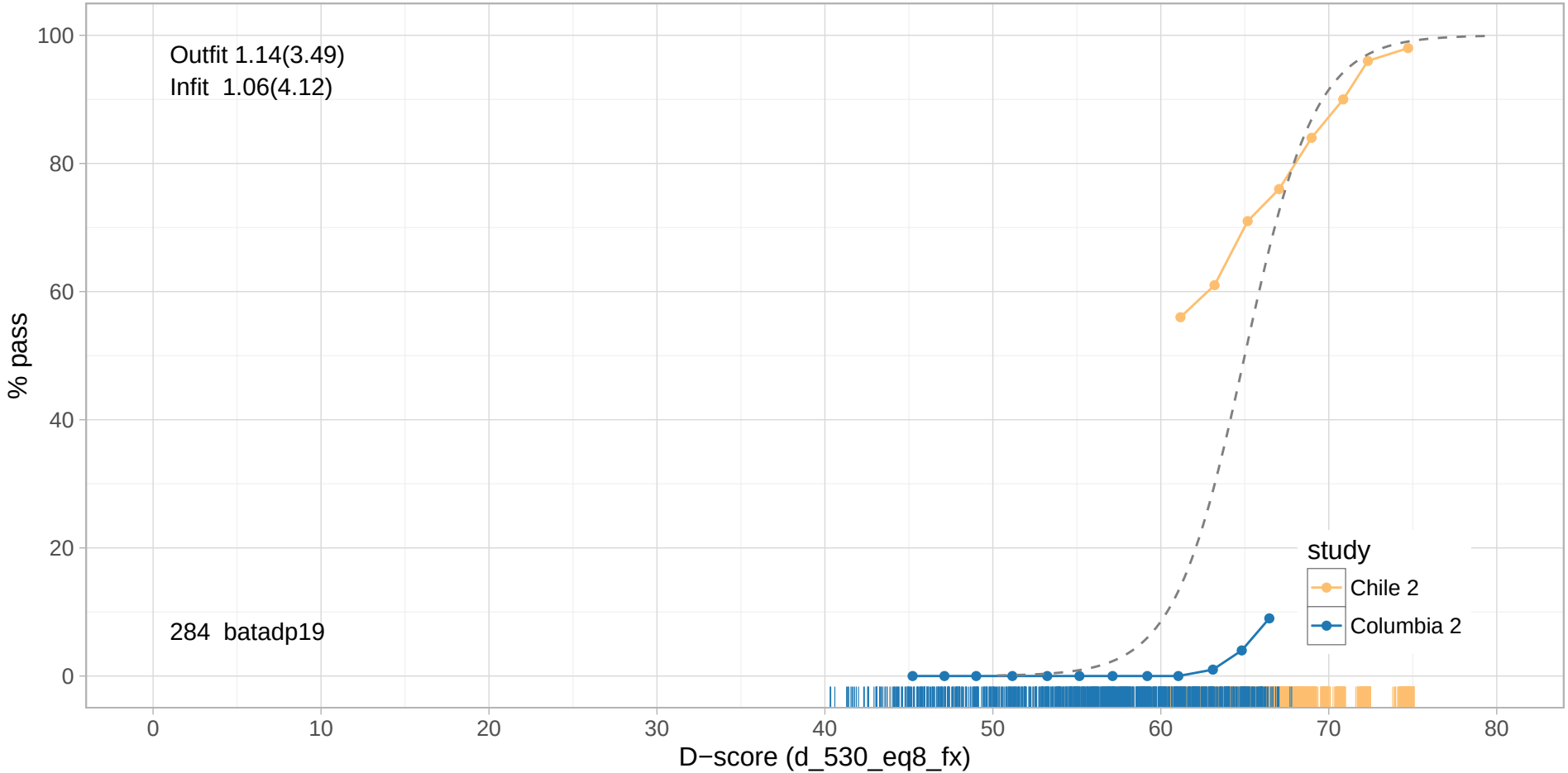

Outfit 0.92(−1.57)
Infit 0.97(−1.24)
279 batadp13
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 1.13(3.54)
Infit 1.05(3.83)
280 batadp15
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 0.74(−10.49)
Infit 0.83(−18.67)
281 batadp16
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 1.03(1.03)
Infit 1.02(1.32)
282 batadp17
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 1.67(9.99)
Infit 1.4(14.31)
283 batadp18
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 1.14(3.49)
Infit 1.06(4.12)
284 batadp19
% pass
100
80
60
40
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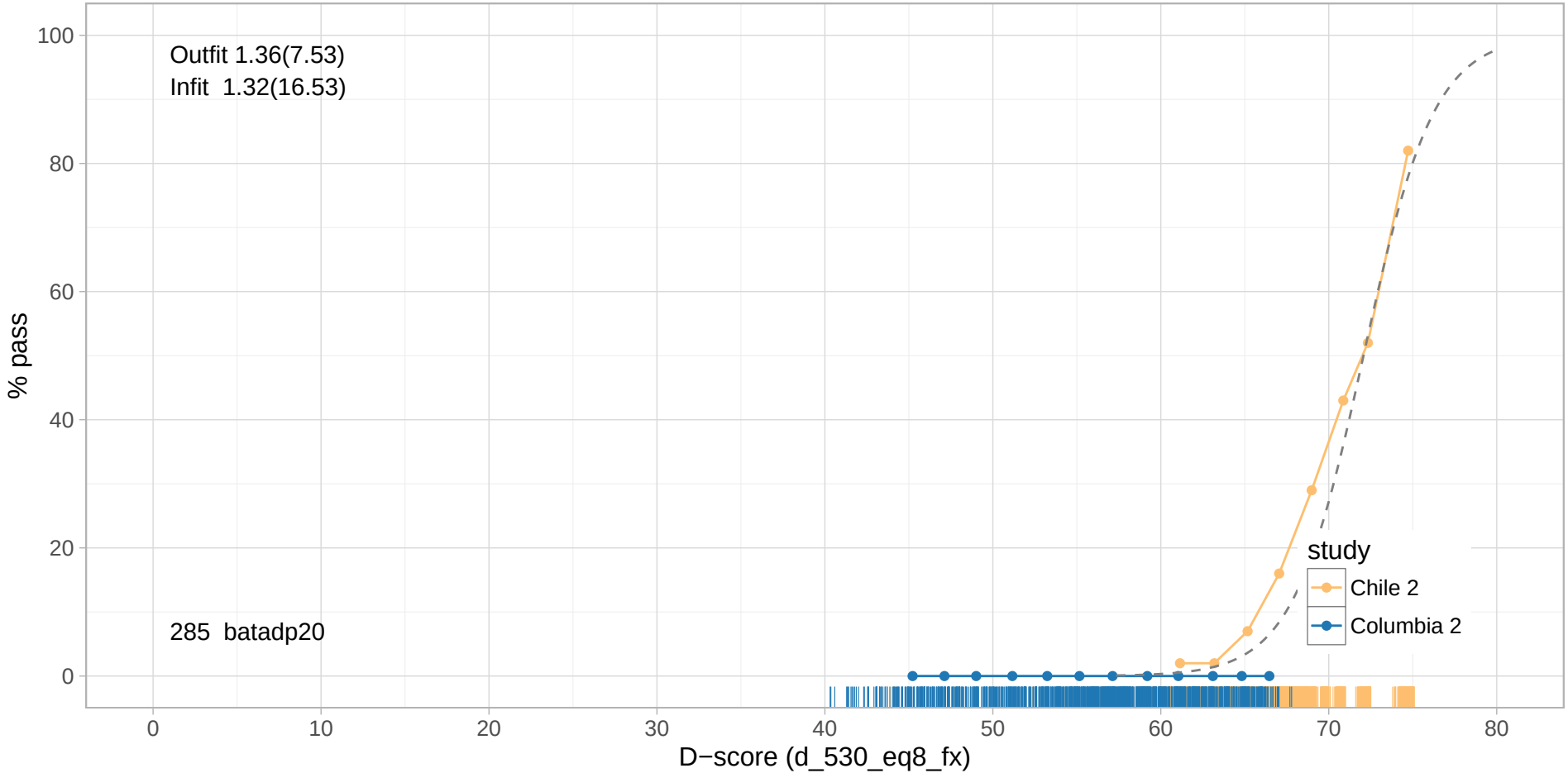
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 1.36(7.53)
Infit 1.32(16.53)
285 batadp20
% pass
100
80
60
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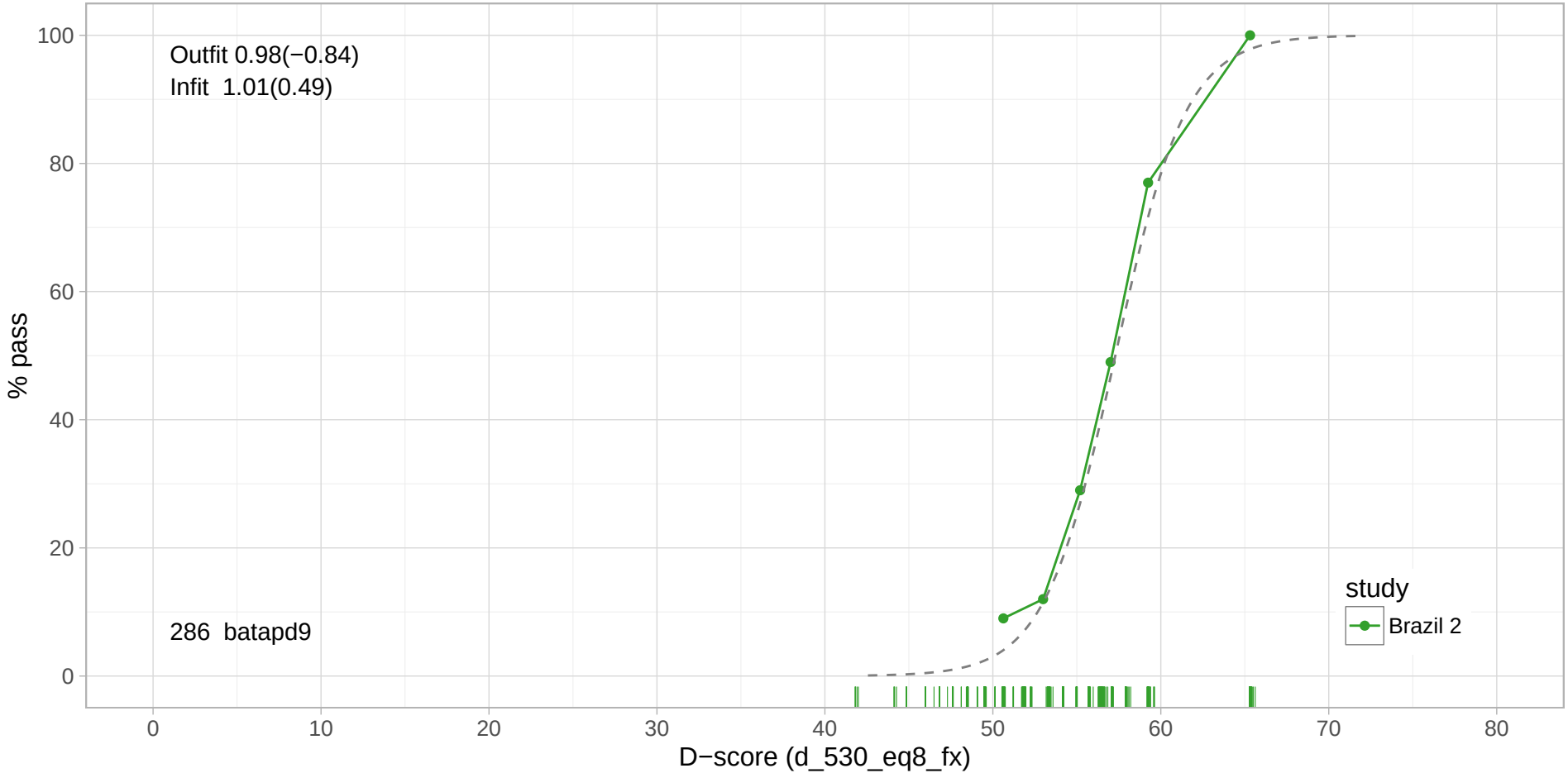
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 0.98(−0.84)
Infit 1.01(0.49)
286 batapd9
study
Brazil 2
% pass
D−score (d_530_eq8_fx)
0
20
40
60
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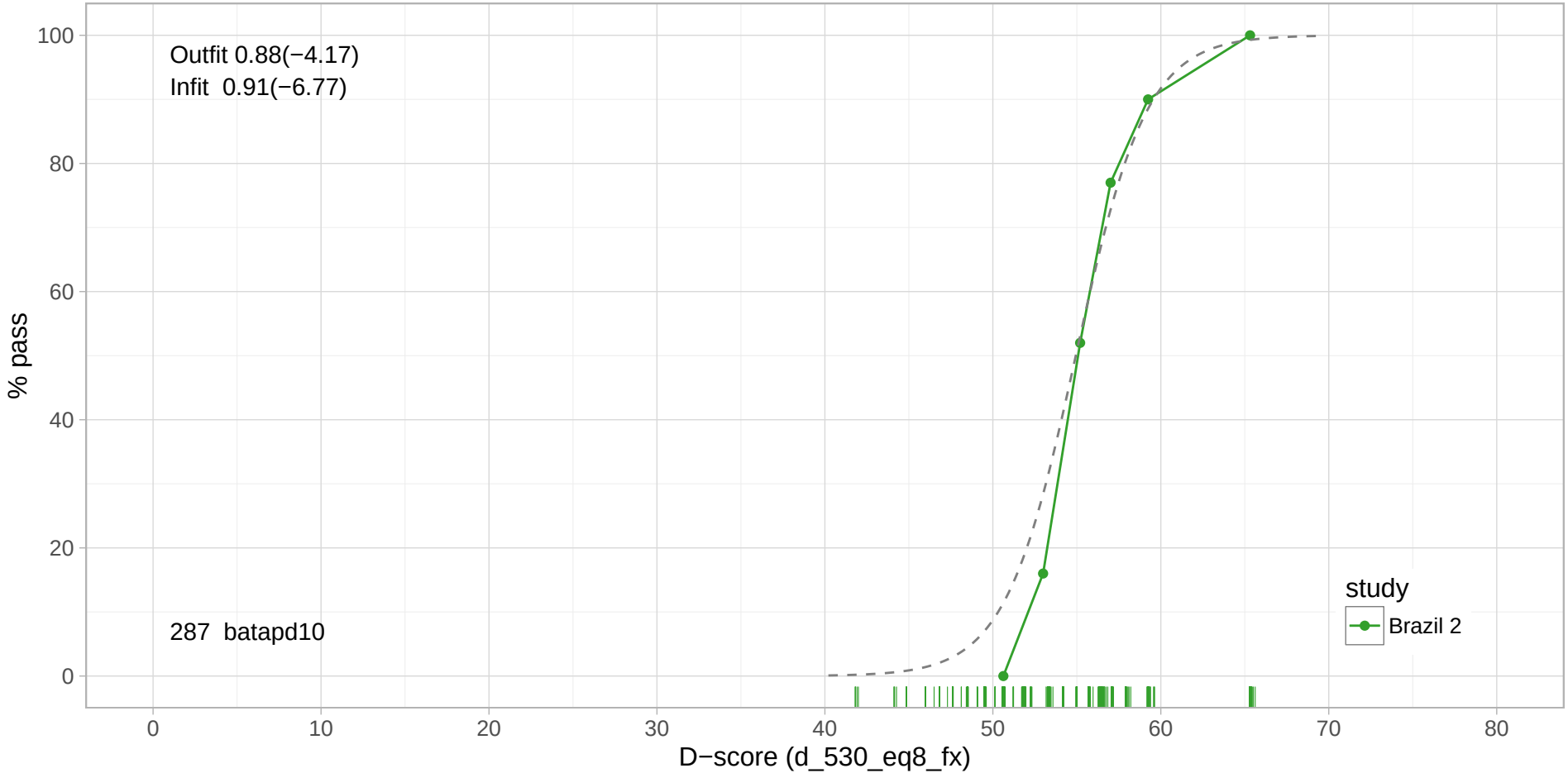
100
0
10
20
30
40
50
60
70
80


Outfit 0.88(−4.17)
Infit 0.91(−6.77)
287 batapd10
study
Brazil 2
% pass
D−score (d_530_eq8_fx)
100
80
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10
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30
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50
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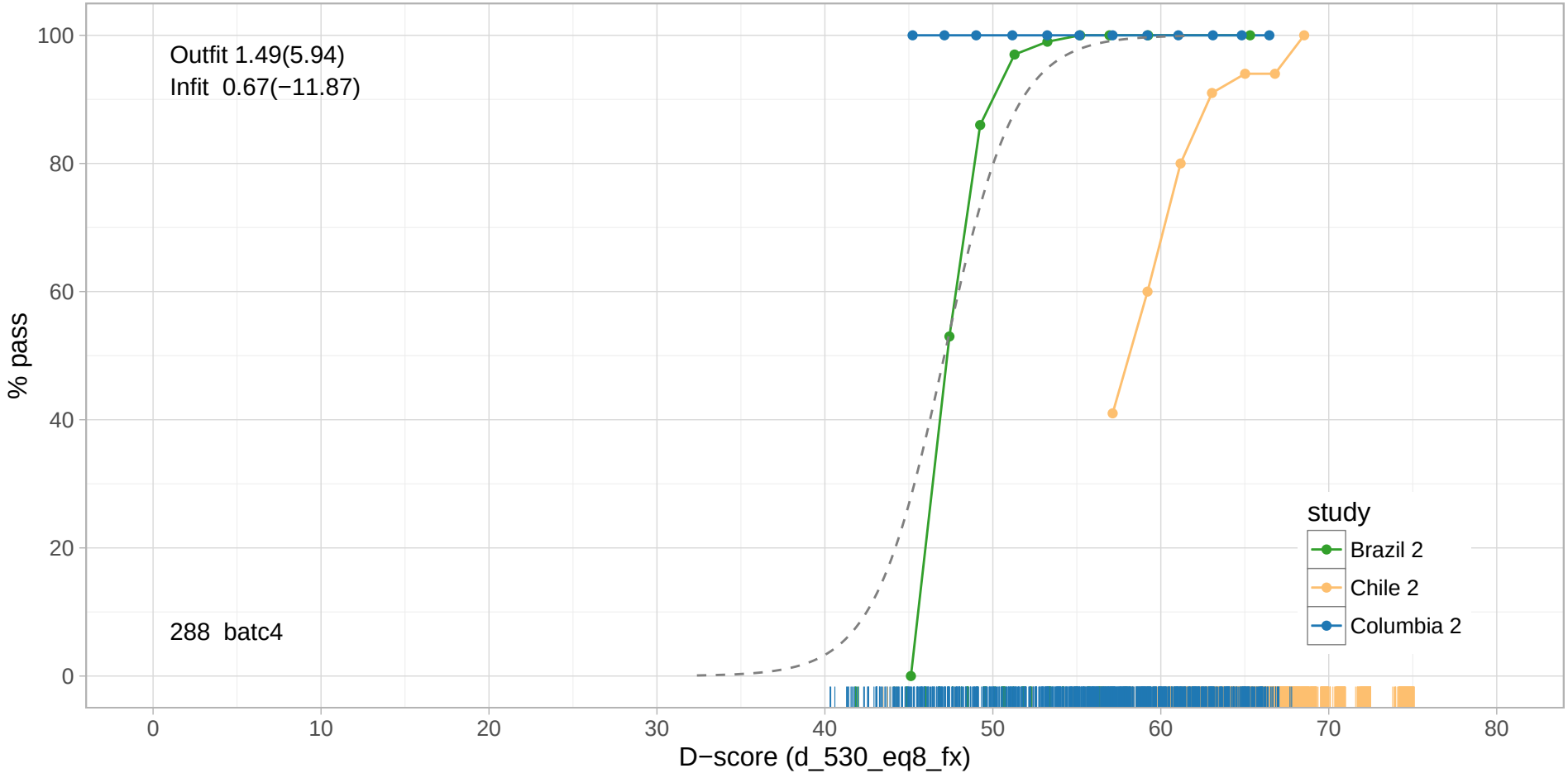
70
80


Outfit 1.49(5.94)
Infit 0.67(−11.87)
288 batc4
% pass
100
80
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20
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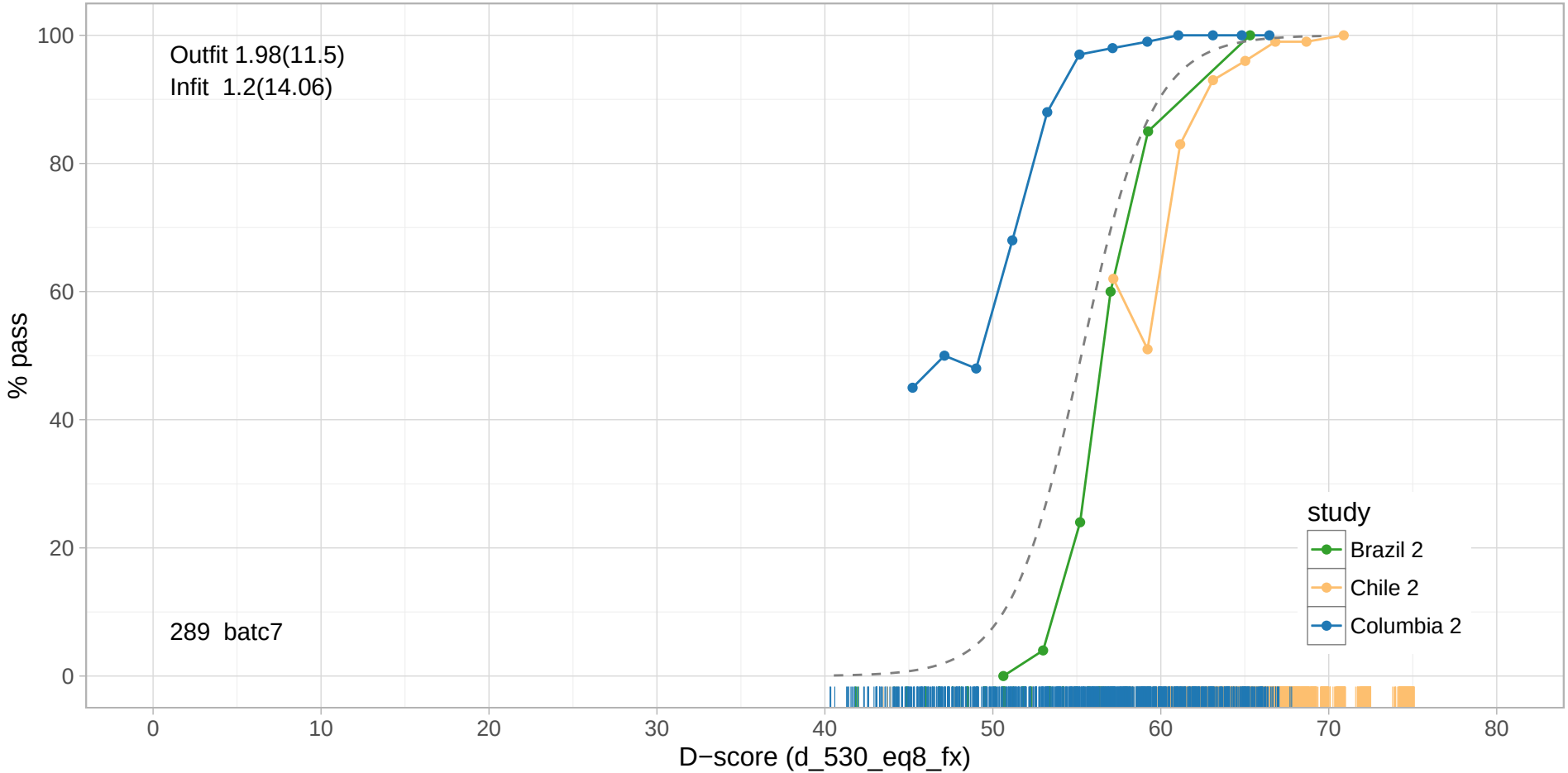
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2
Columbia 2


Outfit 1.98(11.5)
Infit 1.2(14.06)
289 batc7
% pass
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2
Columbia 2
0
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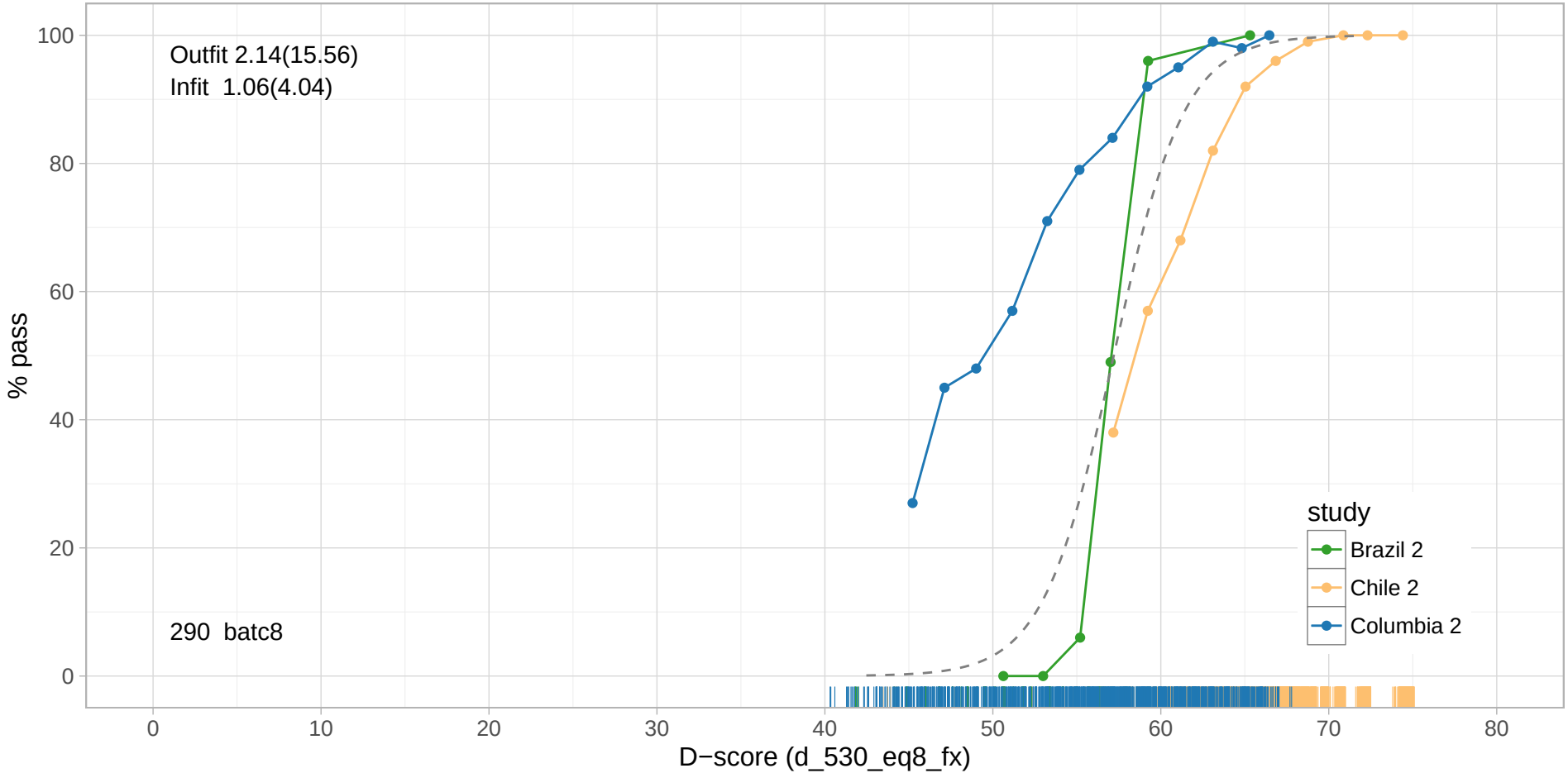
Outfit 2.14(15.56)
Infit 1.06(4.04)
290 batc8
% pass
100
80
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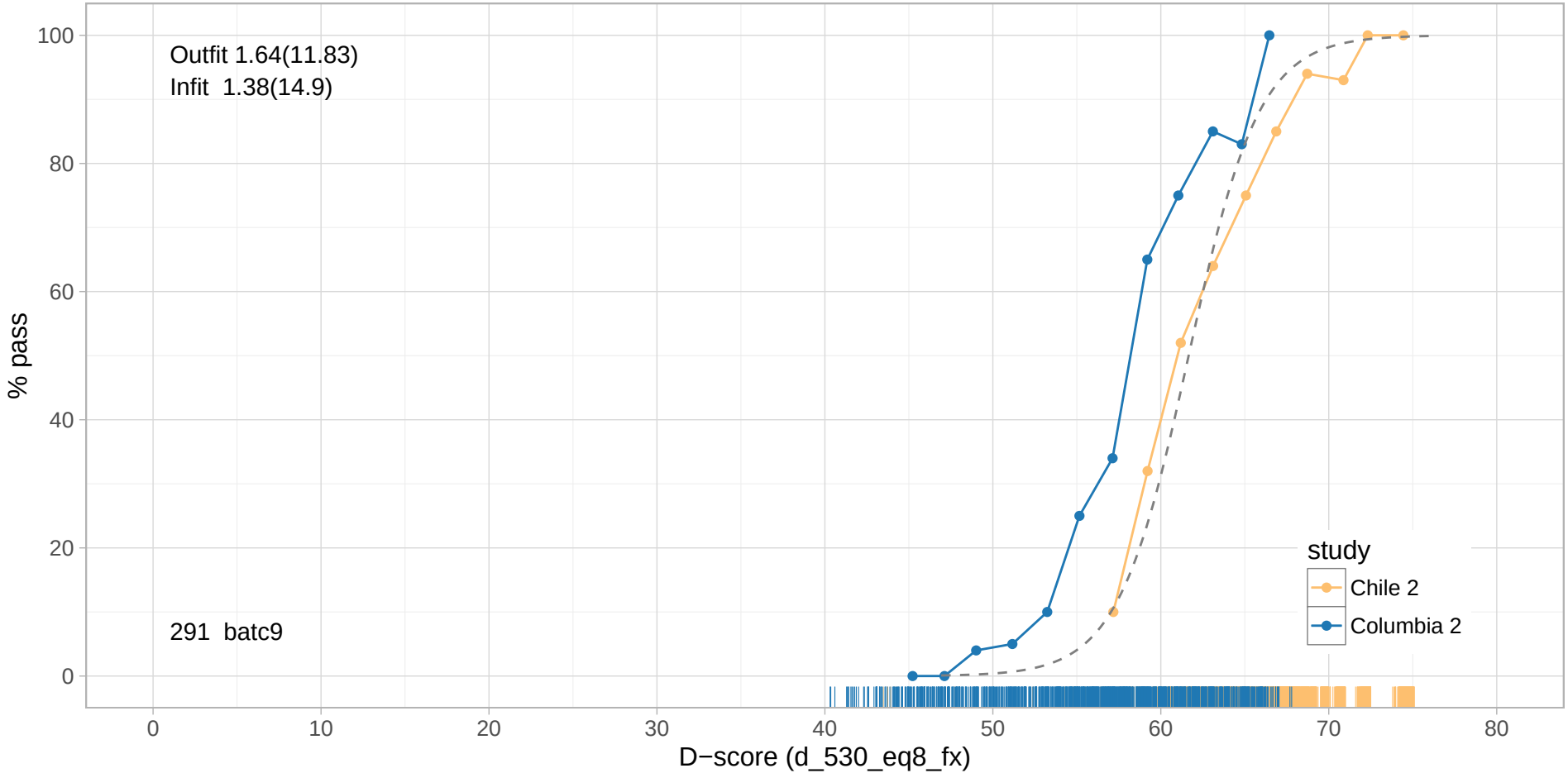
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2
Columbia 2


Outfit 1.64(11.83)
Infit 1.38(14.9)
291 batc9
% pass
100
80
60
40
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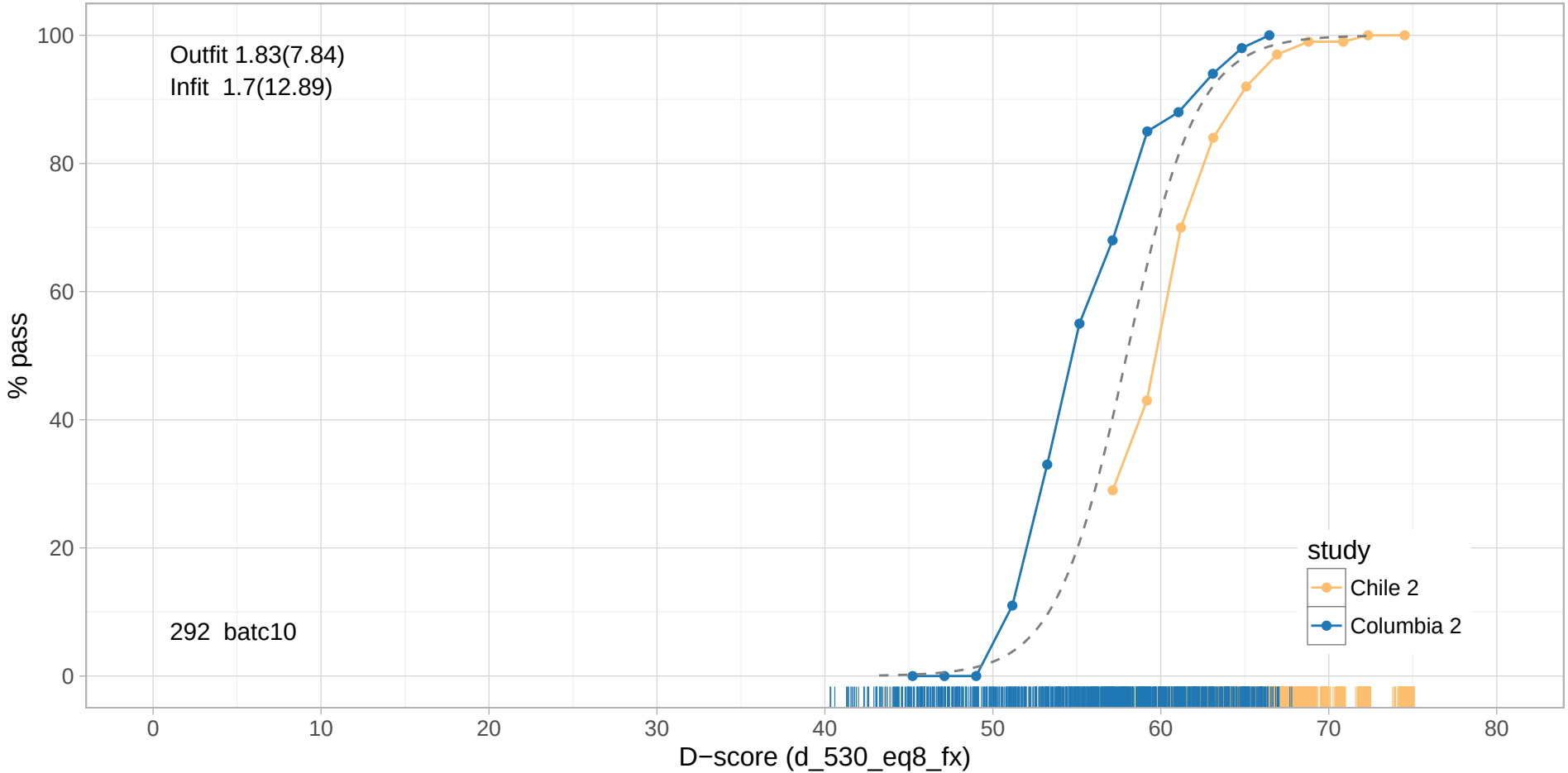
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 1.83(7.84)
Infit 1.7(12.89)
292 batc10
% pass
100
80
60
40
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60
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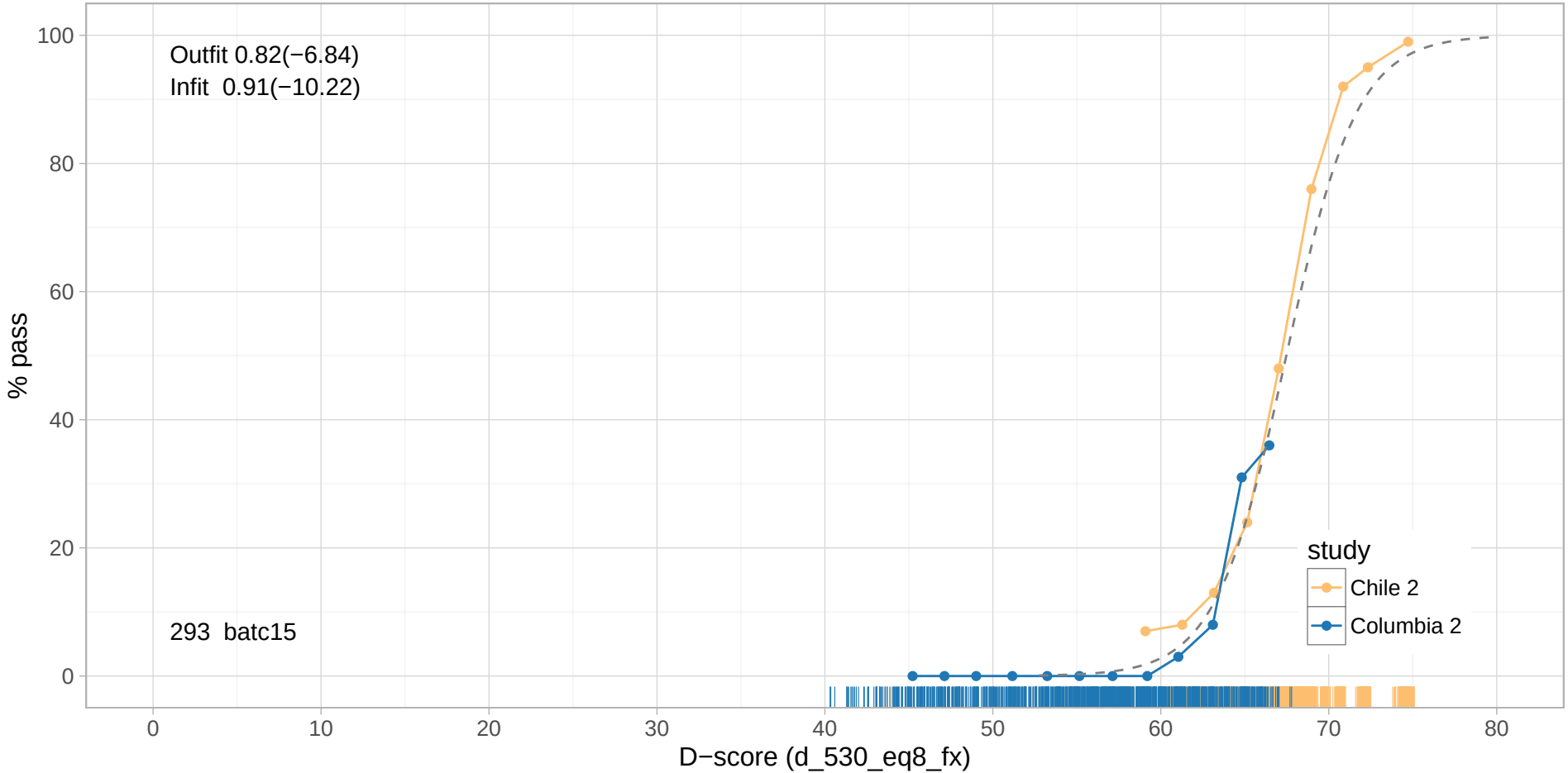
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 0.82(−6.84)
Infit 0.91(−10.22)
293 batc15
% pass
100
80
60
40
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40
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60
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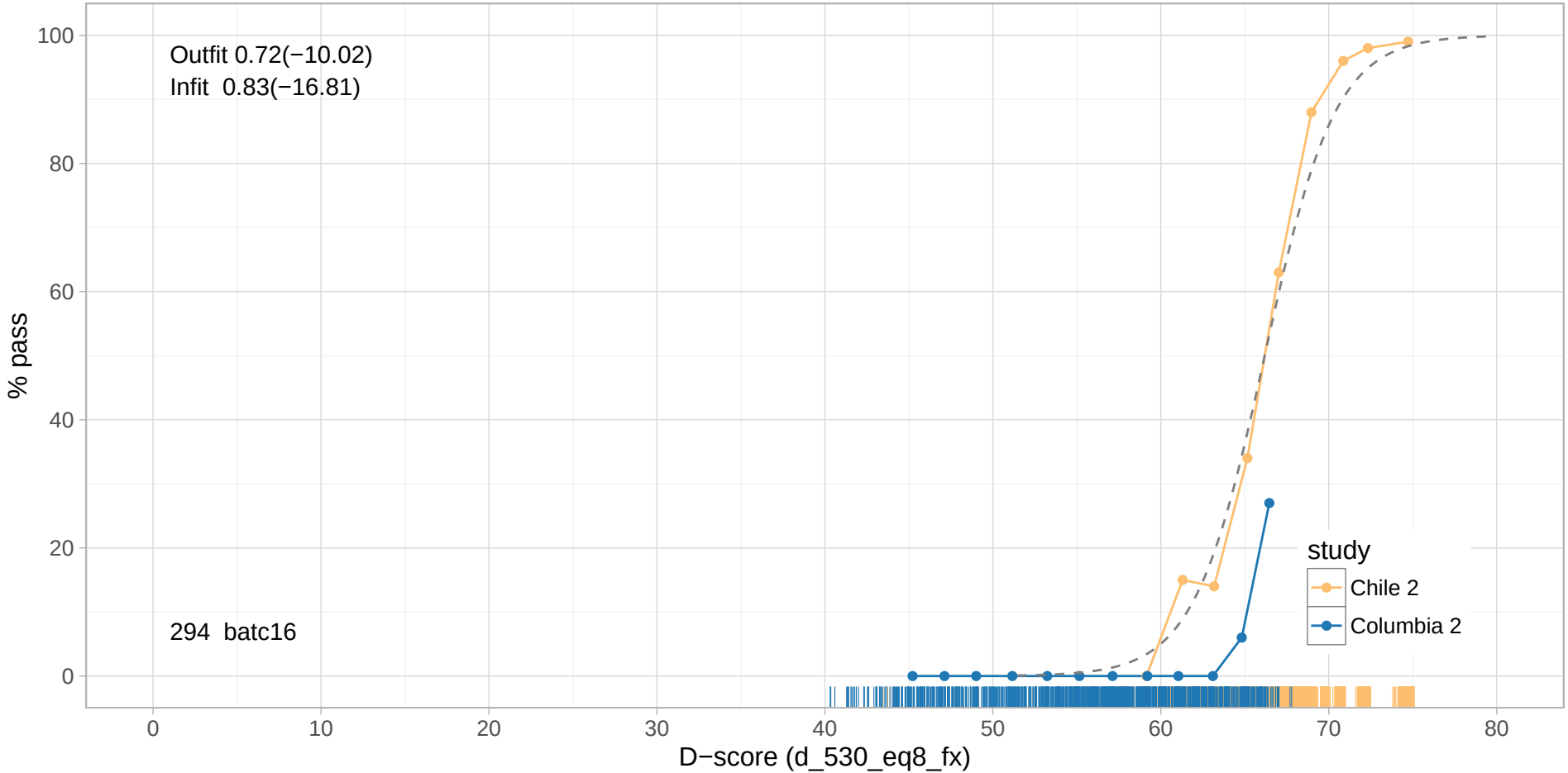
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 0.72(−10.02)
Infit 0.83(−16.81)
294 batc16
% pass
100
80
60
40
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0
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20
30
40
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60
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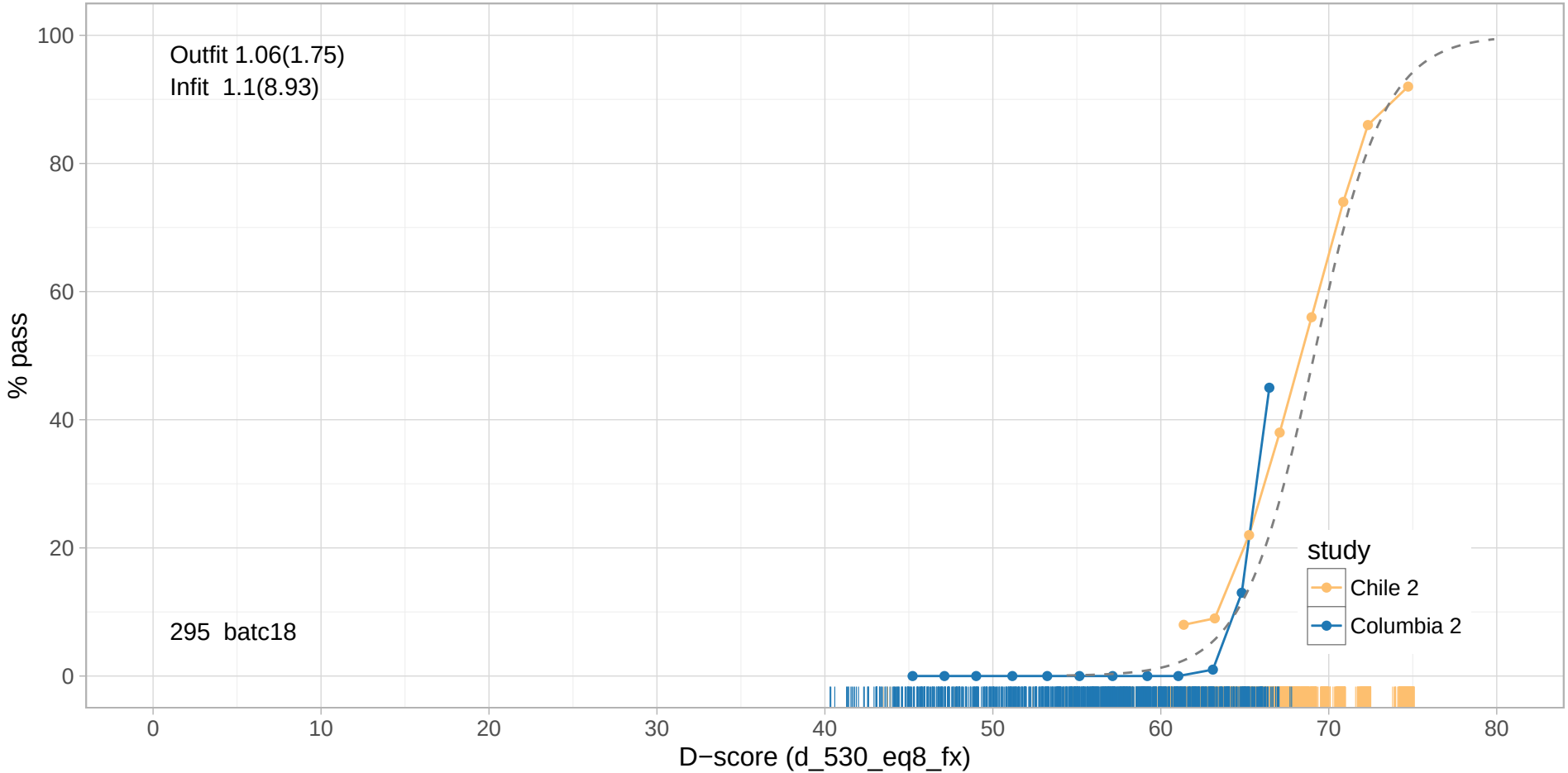
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 1.06(1.75)
Infit 1.1(8.93)
295 batc18
% pass
100
80
60
40
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30
40
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60
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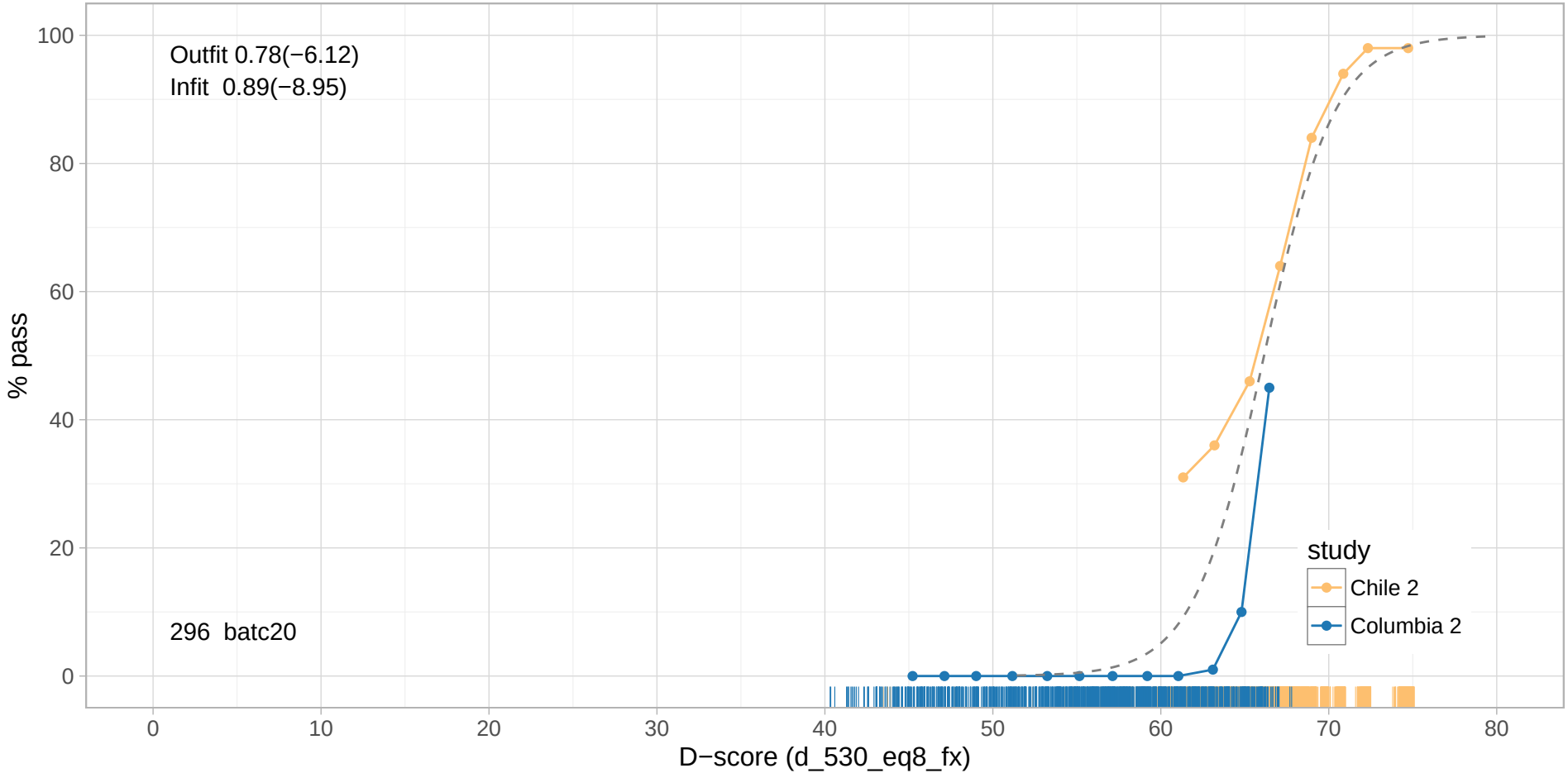
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 0.78(−6.12)
Infit 0.89(−8.95)
296 batc20
% pass
100
80
60
40
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40
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60
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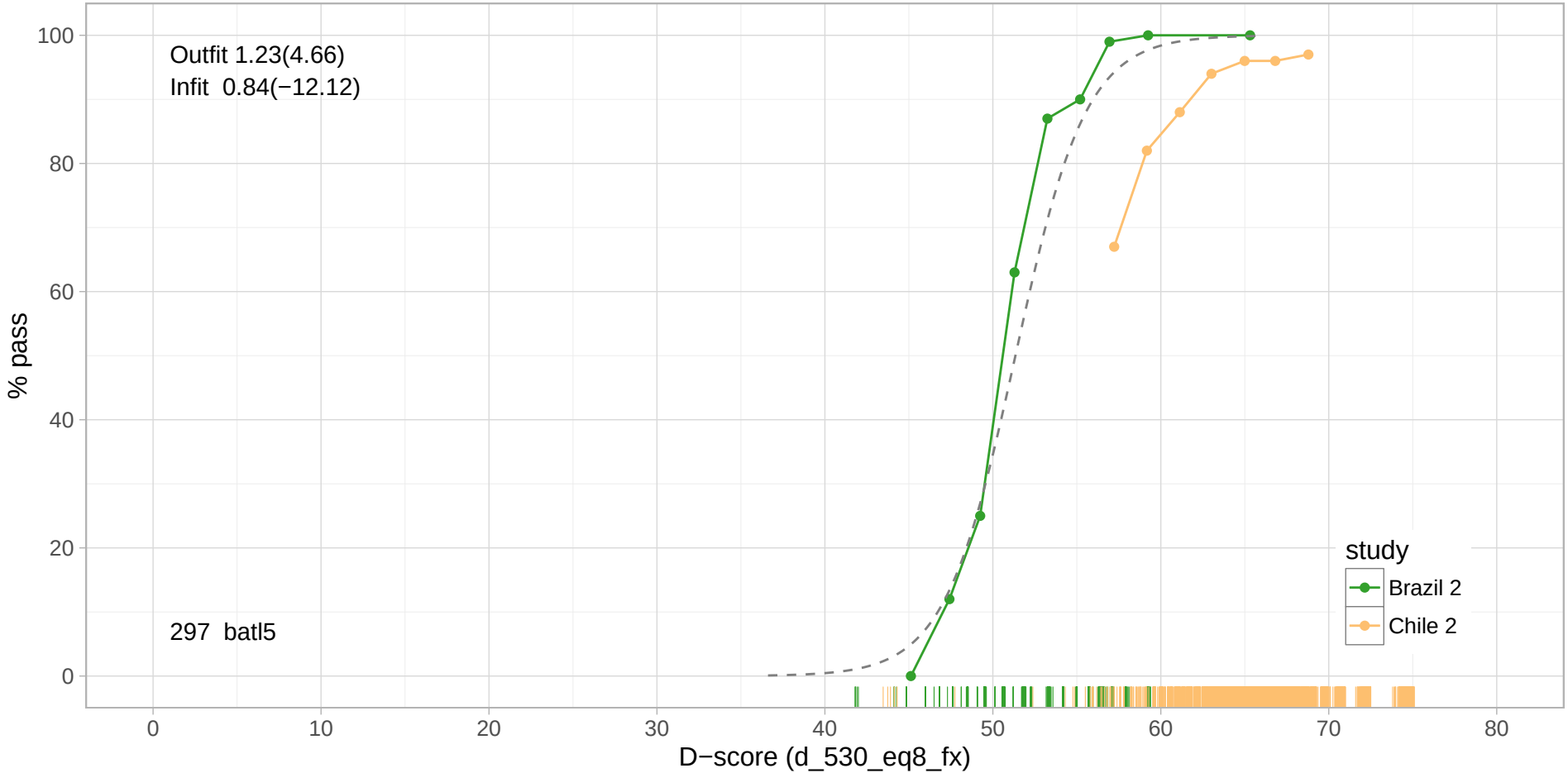
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 1.23(4.66)
Infit 0.84(−12.12)
297 batl5
% pass
100
80
60
40
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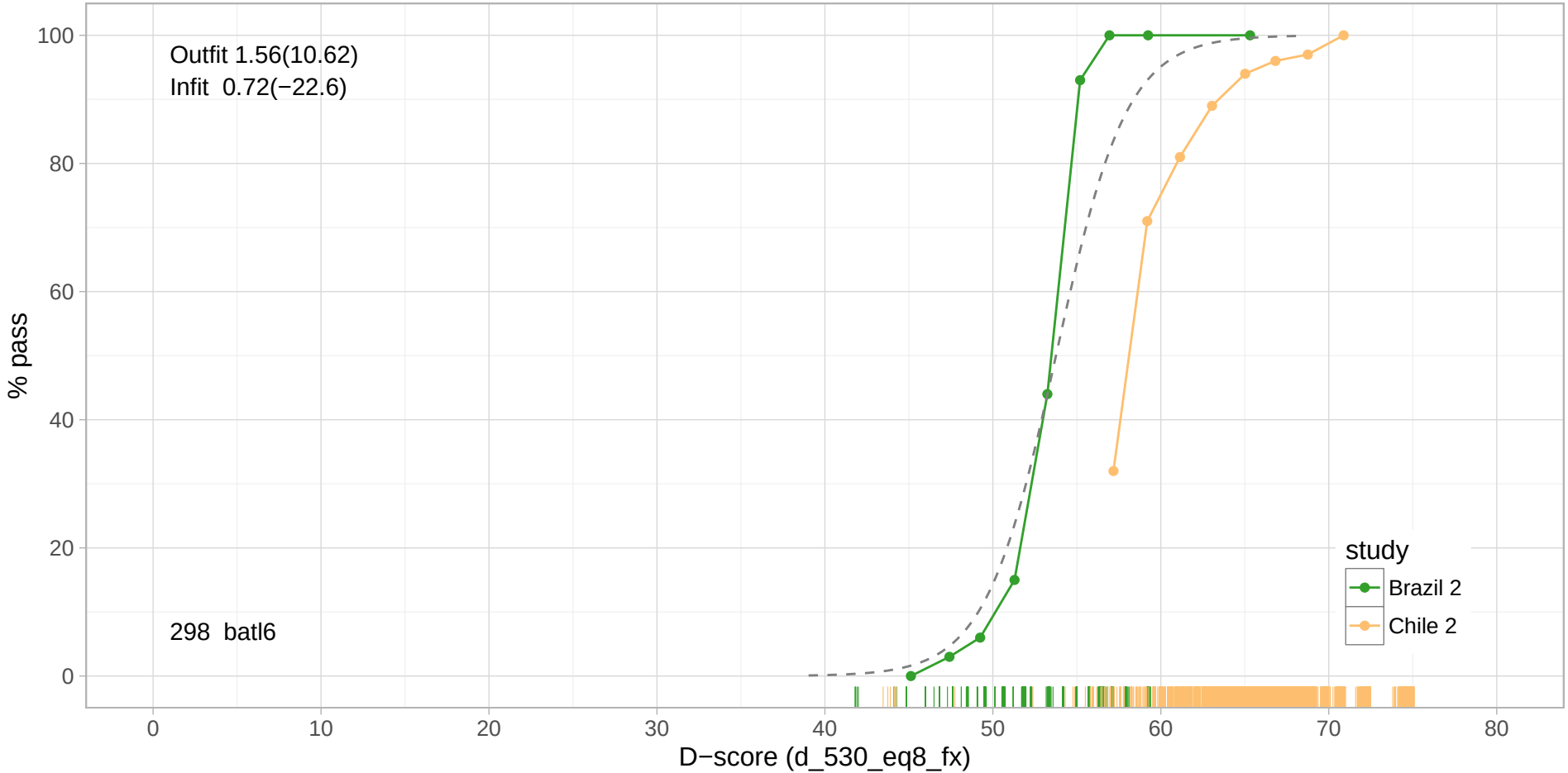
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2


Outfit 1.56(10.62)
Infit 0.72(−22.6)
298 batl6
% pass
100
80
60
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40
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60
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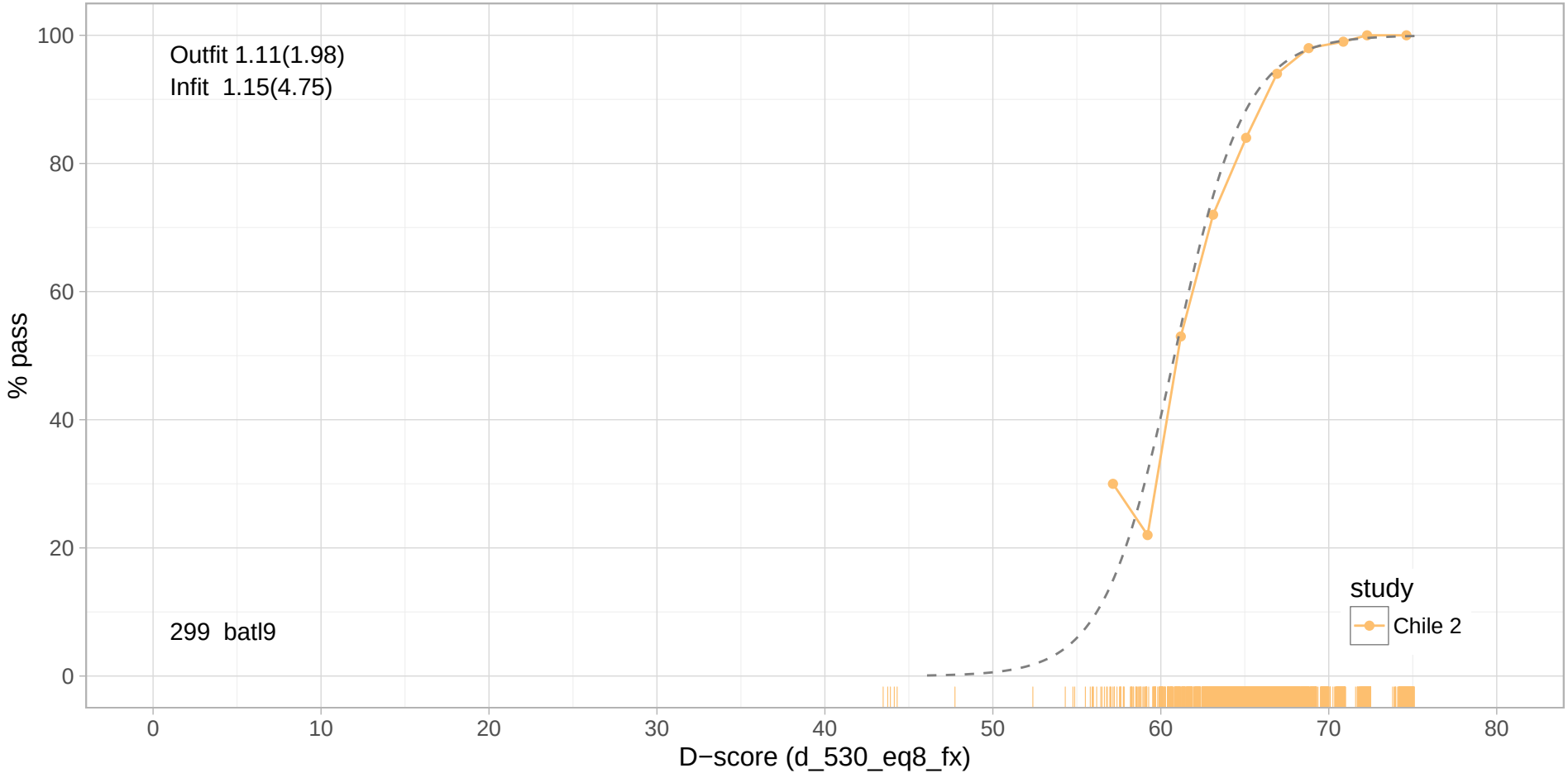
80
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2


Outfit 1.11(1.98)
Infit 1.15(4.75)
299 batl9
study
Chile 2
% pass
D−score (d_530_eq8_fx)
0
20
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60
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100
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10
20
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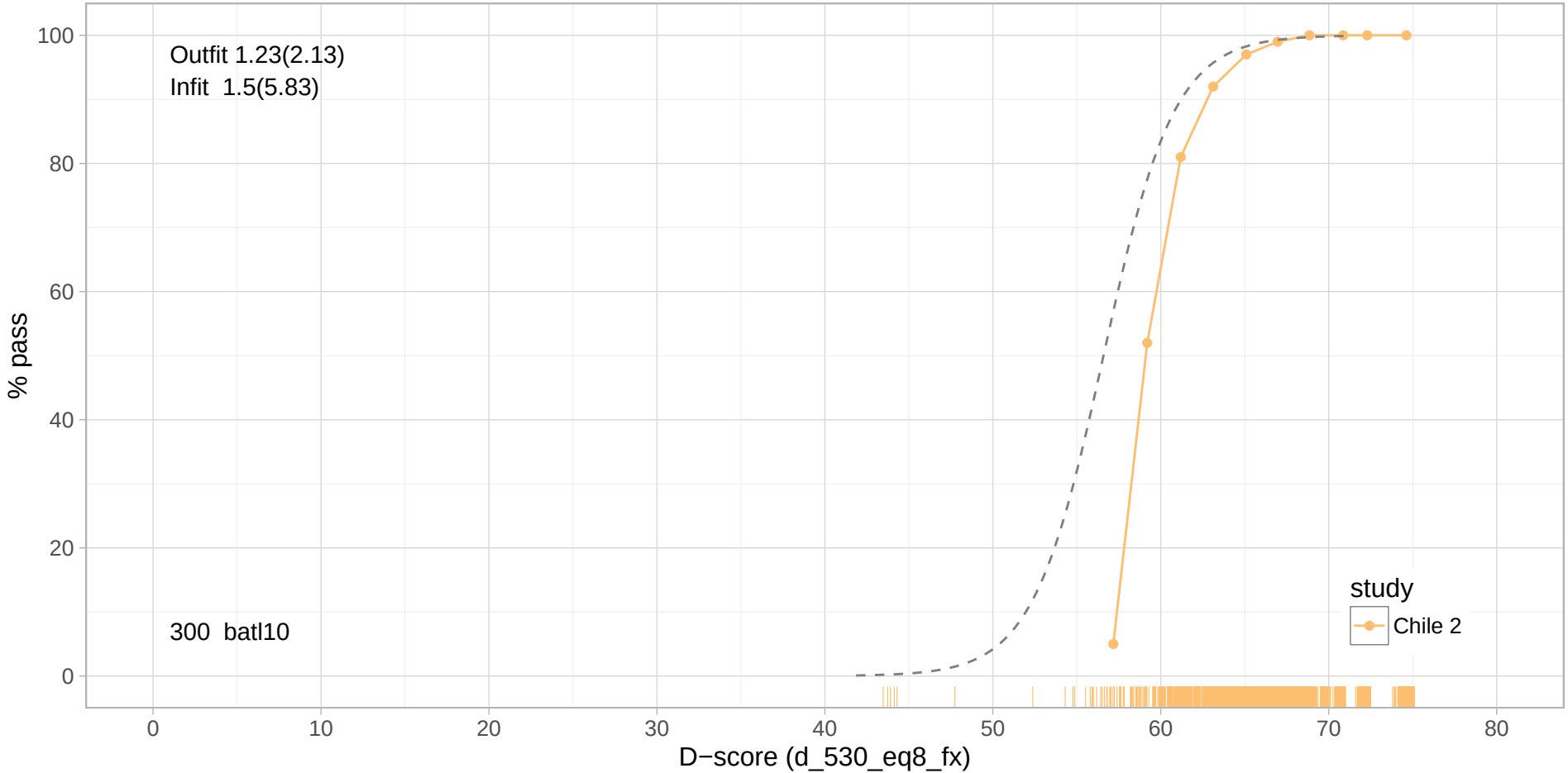
50
60
70
80


Outfit 1.23(2.13)
Infit 1.5(5.83)
300 batl10
study
Chile 2
% pass
D−score (d_530_eq8_fx)
0
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60
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10
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50
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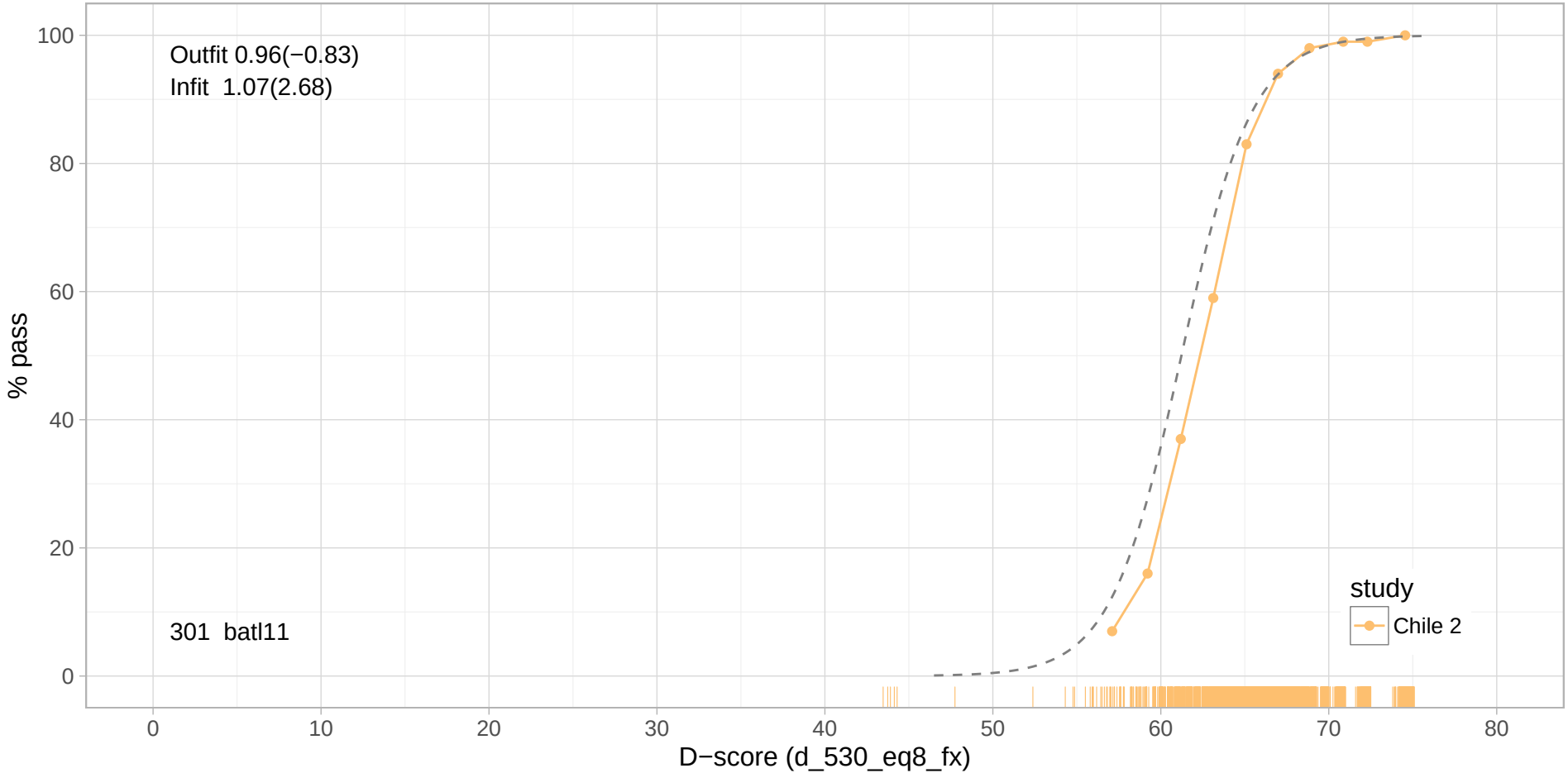
Outfit 0.96(−0.83)
Infit 1.07(2.68)
301 batl11
study
Chile 2
% pass
D−score (d_530_eq8_fx)
100
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70
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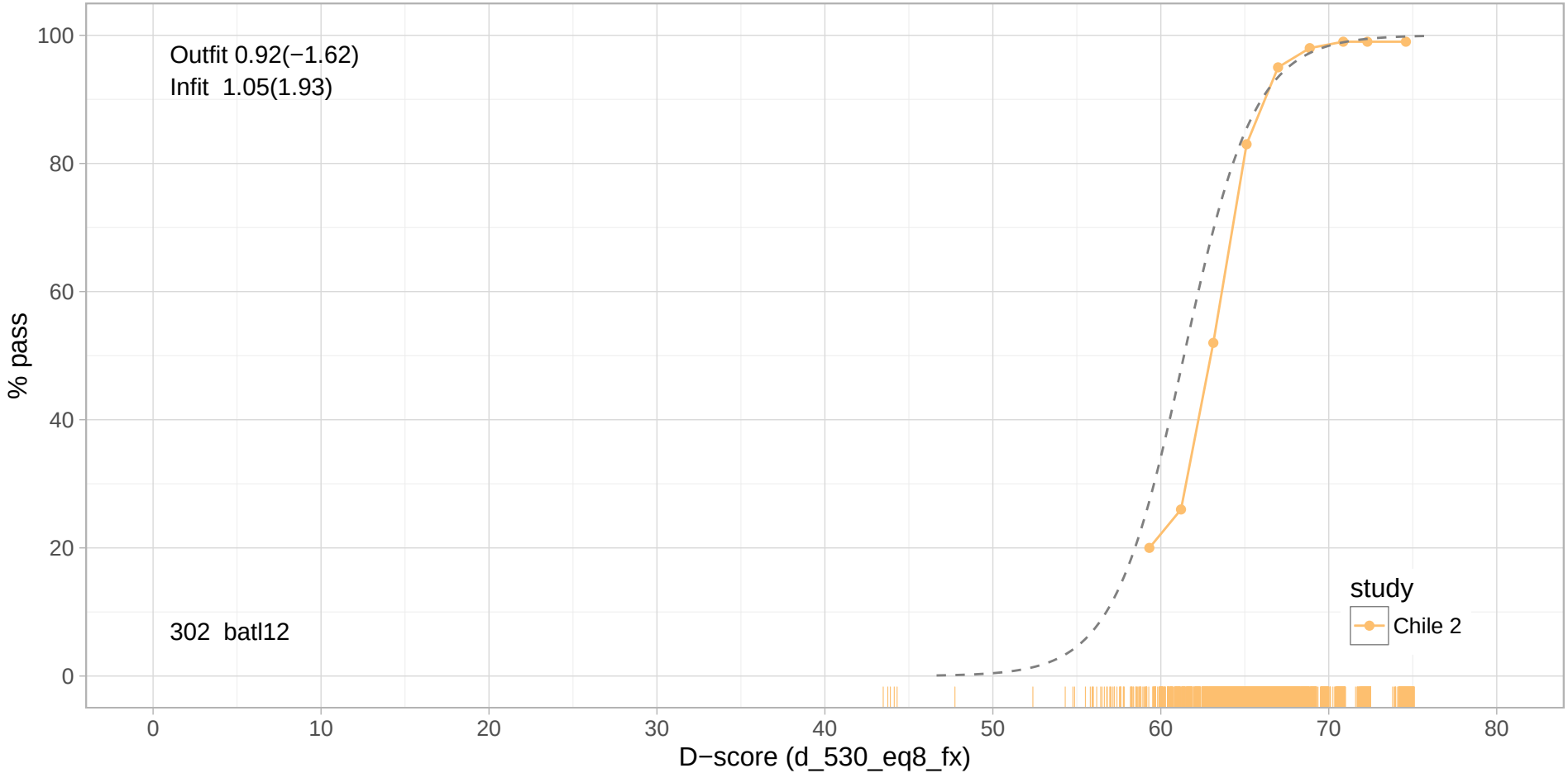
Outfit 0.92(−1.62)
Infit 1.05(1.93)
302 batl12
study
Chile 2
% pass
D−score (d_530_eq8_fx)
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10
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70
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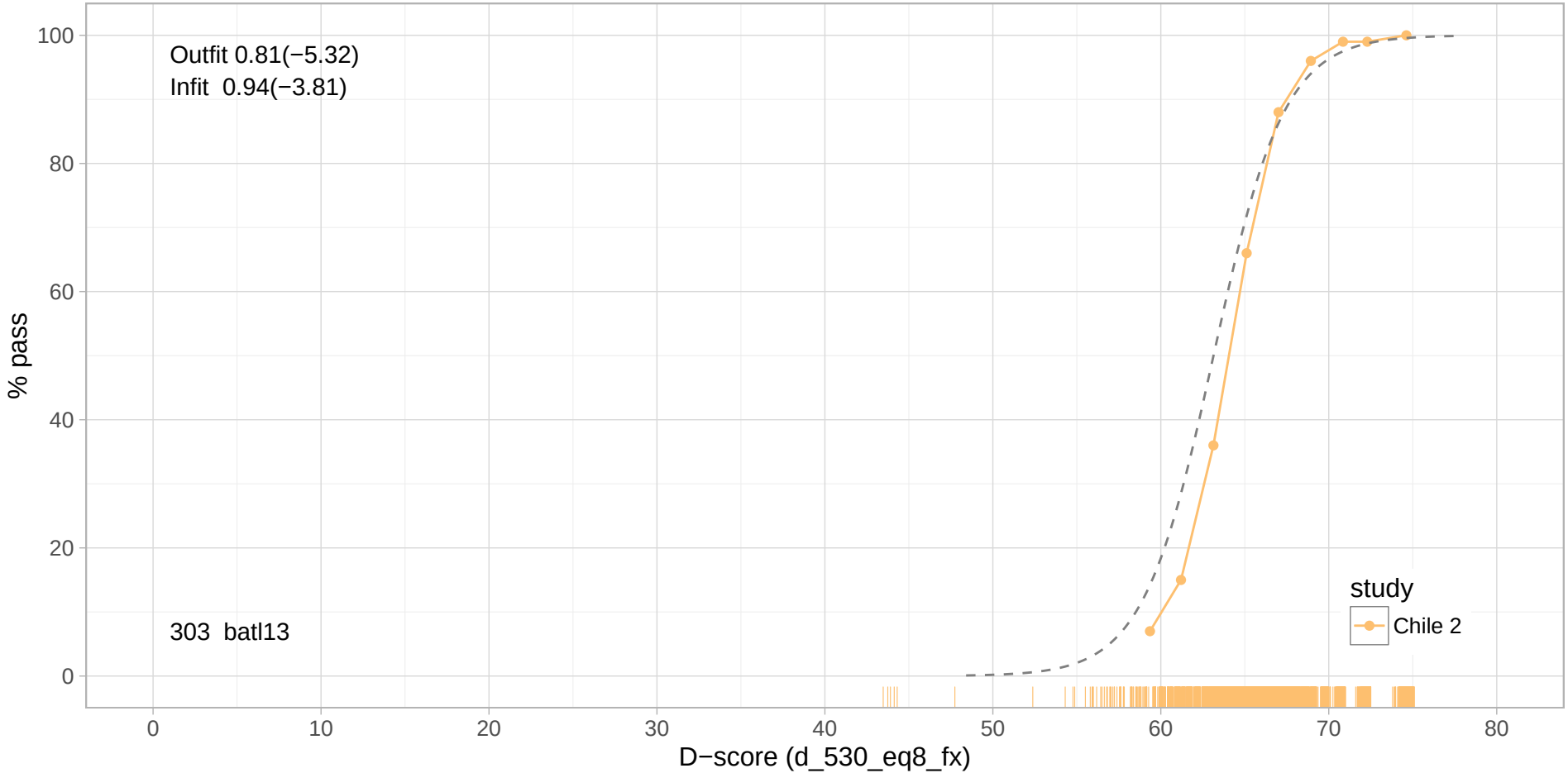
Outfit 0.81(−5.32)
Infit 0.94(−3.81)
303 batl13
study
Chile 2
% pass
D−score (d_530_eq8_fx)
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70
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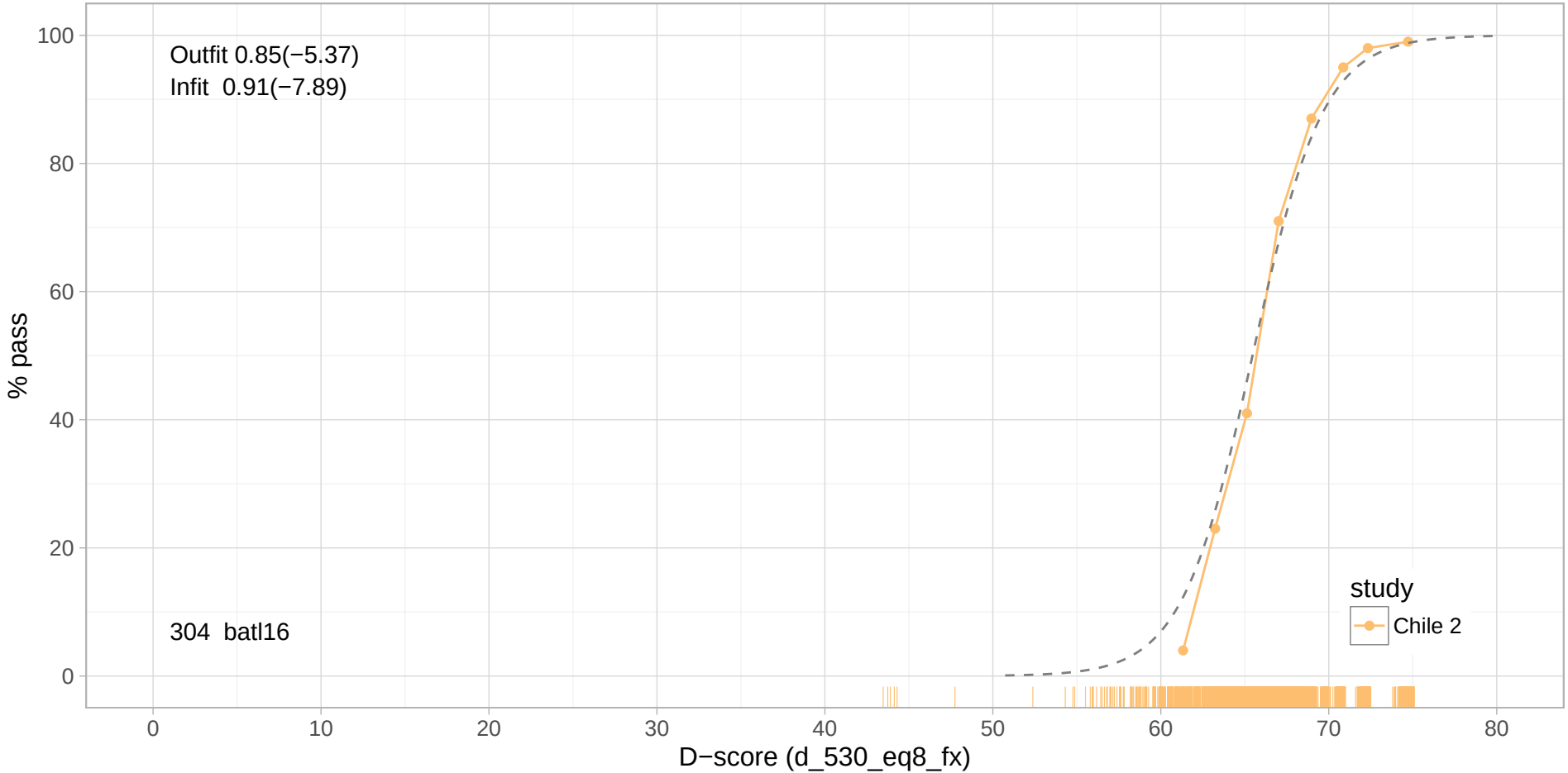
Outfit 0.85(−5.37)
Infit 0.91(−7.89)
304 batl16
study
Chile 2
% pass
D−score (d_530_eq8_fx)
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70
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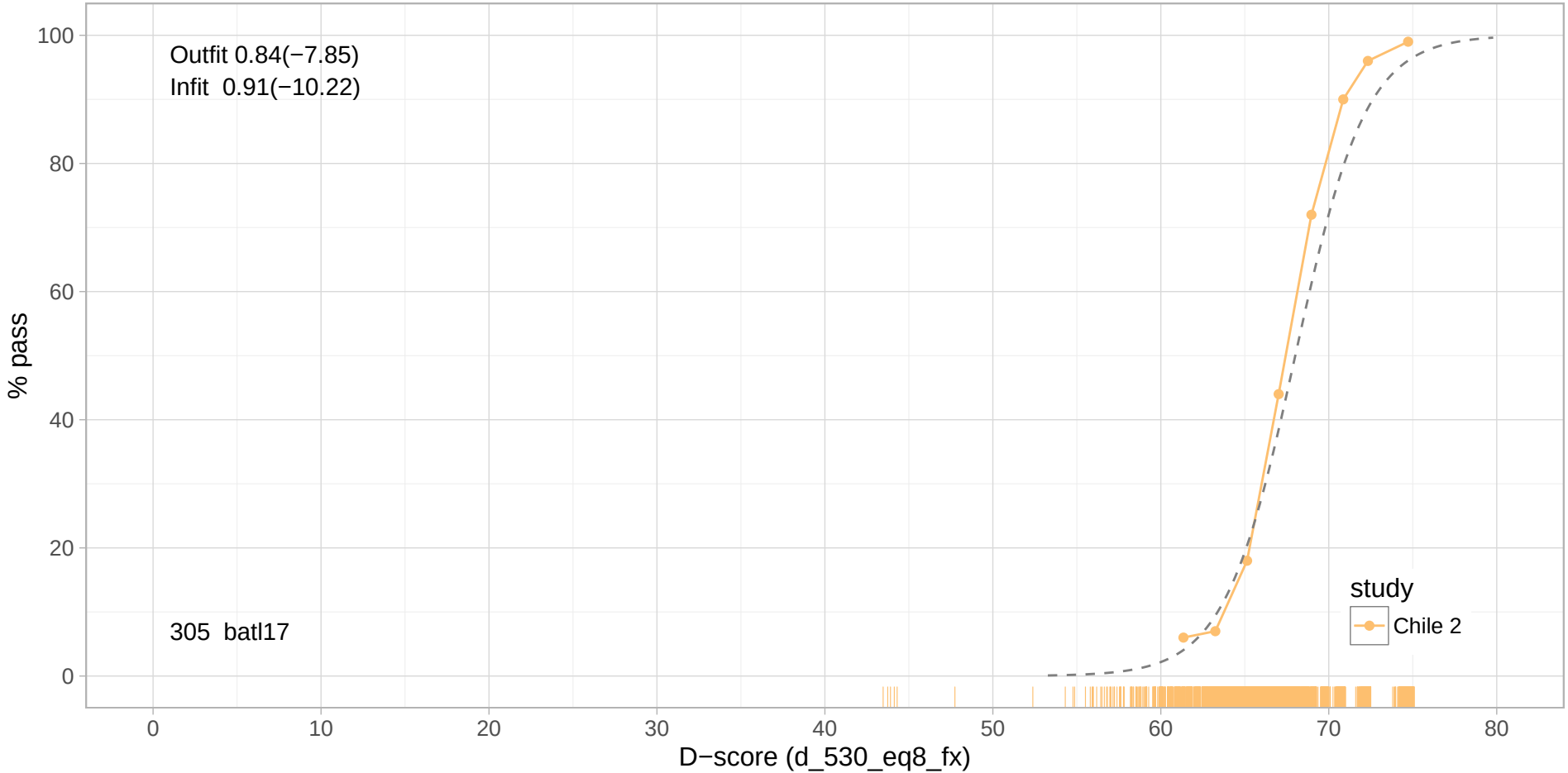
Outfit 0.84(−7.85)
Infit 0.91(−10.22)
305 batl17
study
Chile 2
% pass
D−score (d_530_eq8_fx)
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70
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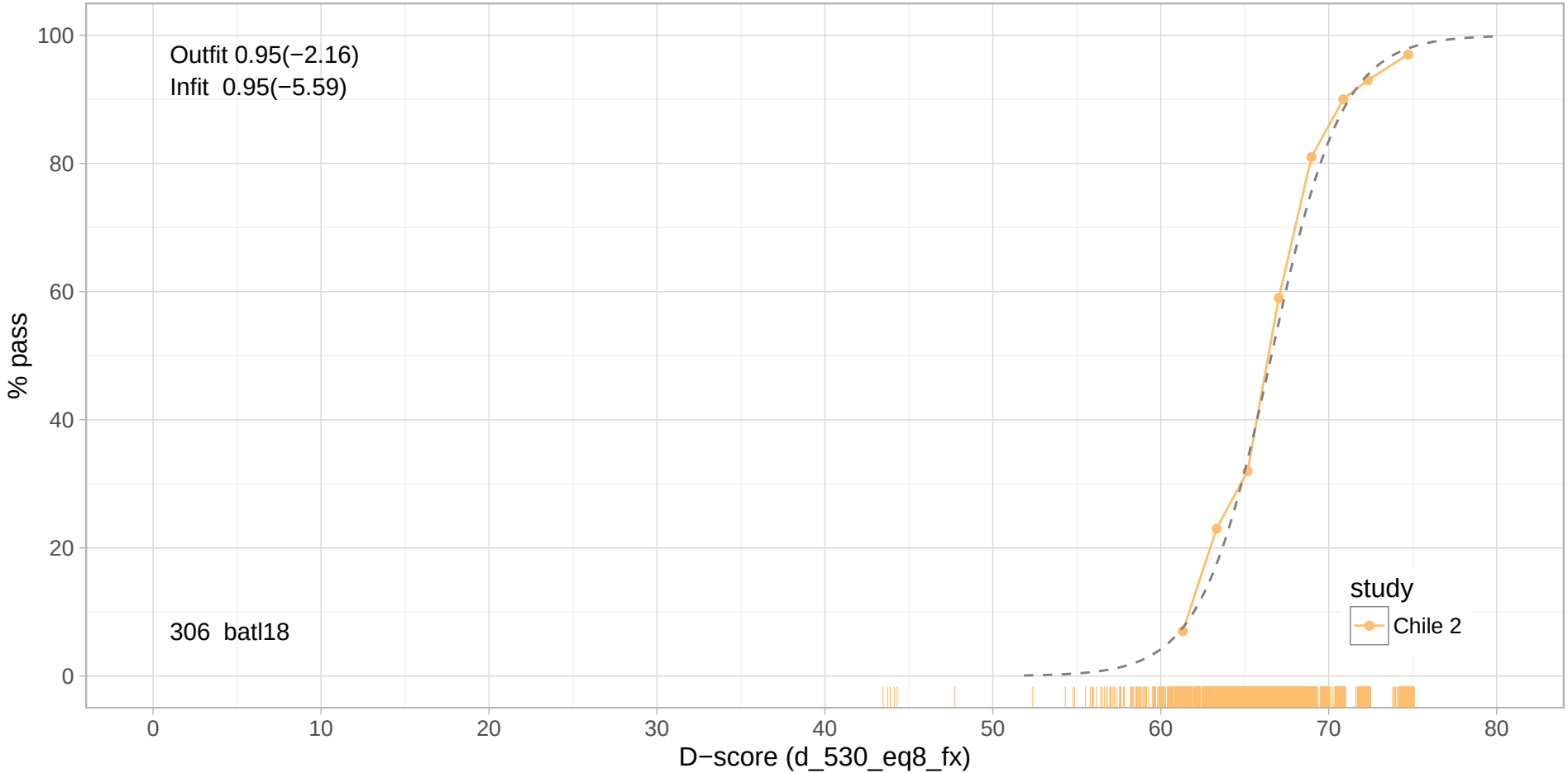
Outfit 0.95(−2.16)
Infit 0.95(−5.59)
306 batl18
study
Chile 2
% pass
D−score (d_530_eq8_fx)
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70
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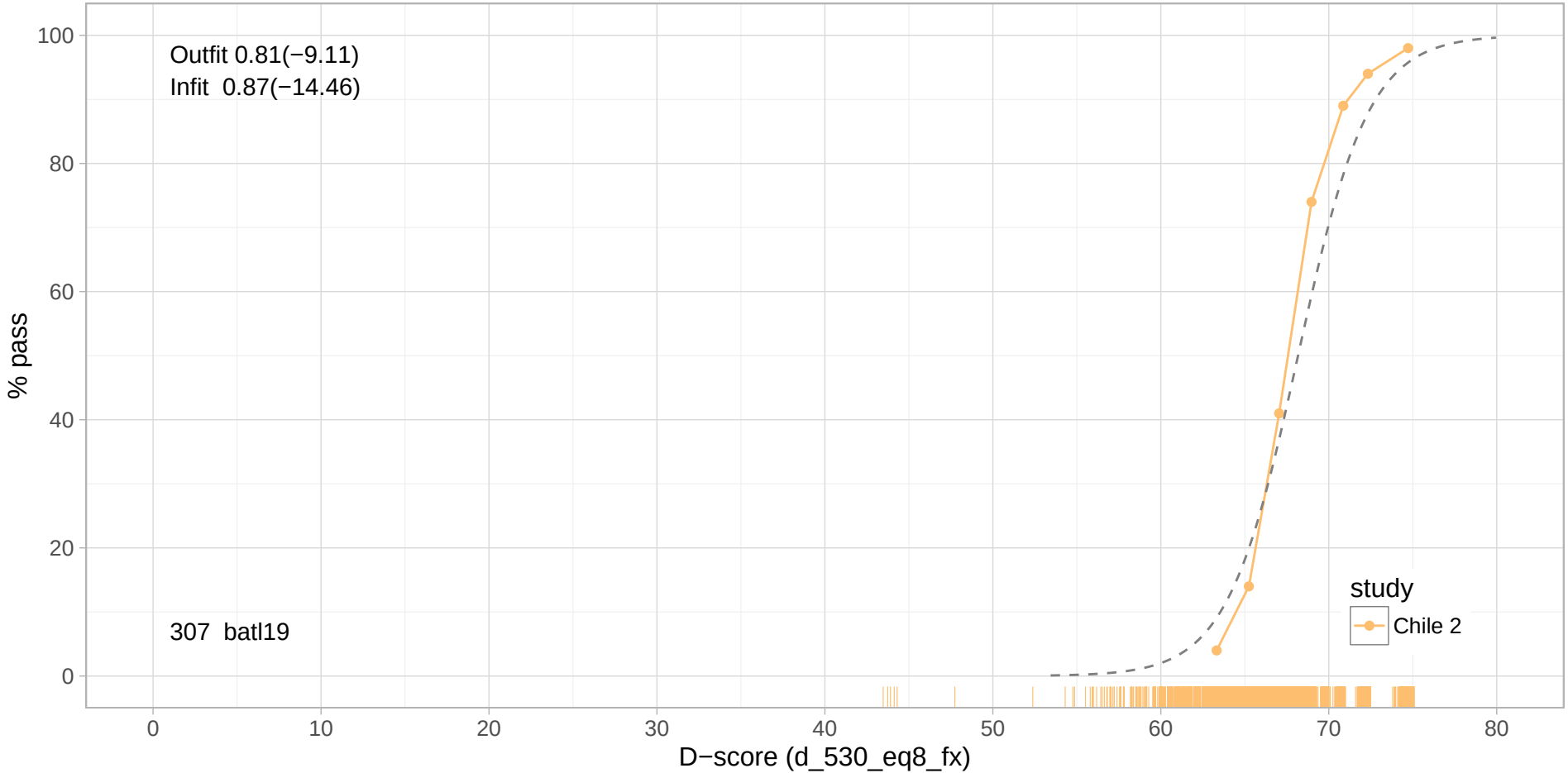
Outfit 0.81(−9.11)
Infit 0.87(−14.46)
307 batl19
study
Chile 2
% pass
D−score (d_530_eq8_fx)
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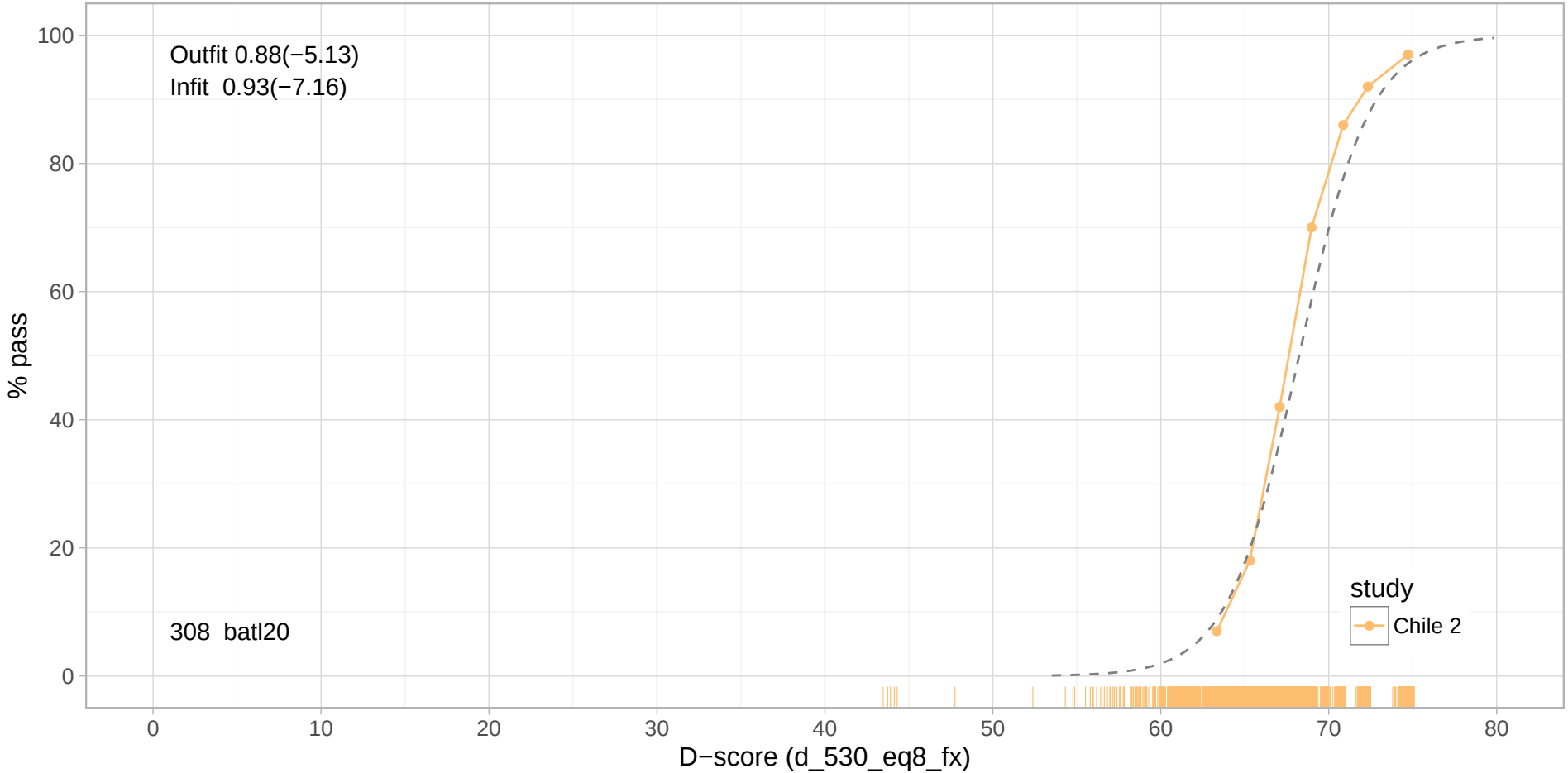
70
80


Outfit 0.88(−5.13)
Infit 0.93(−7.16)
308 batl20
study
Chile 2
% pass
D−score (d_530_eq8_fx)
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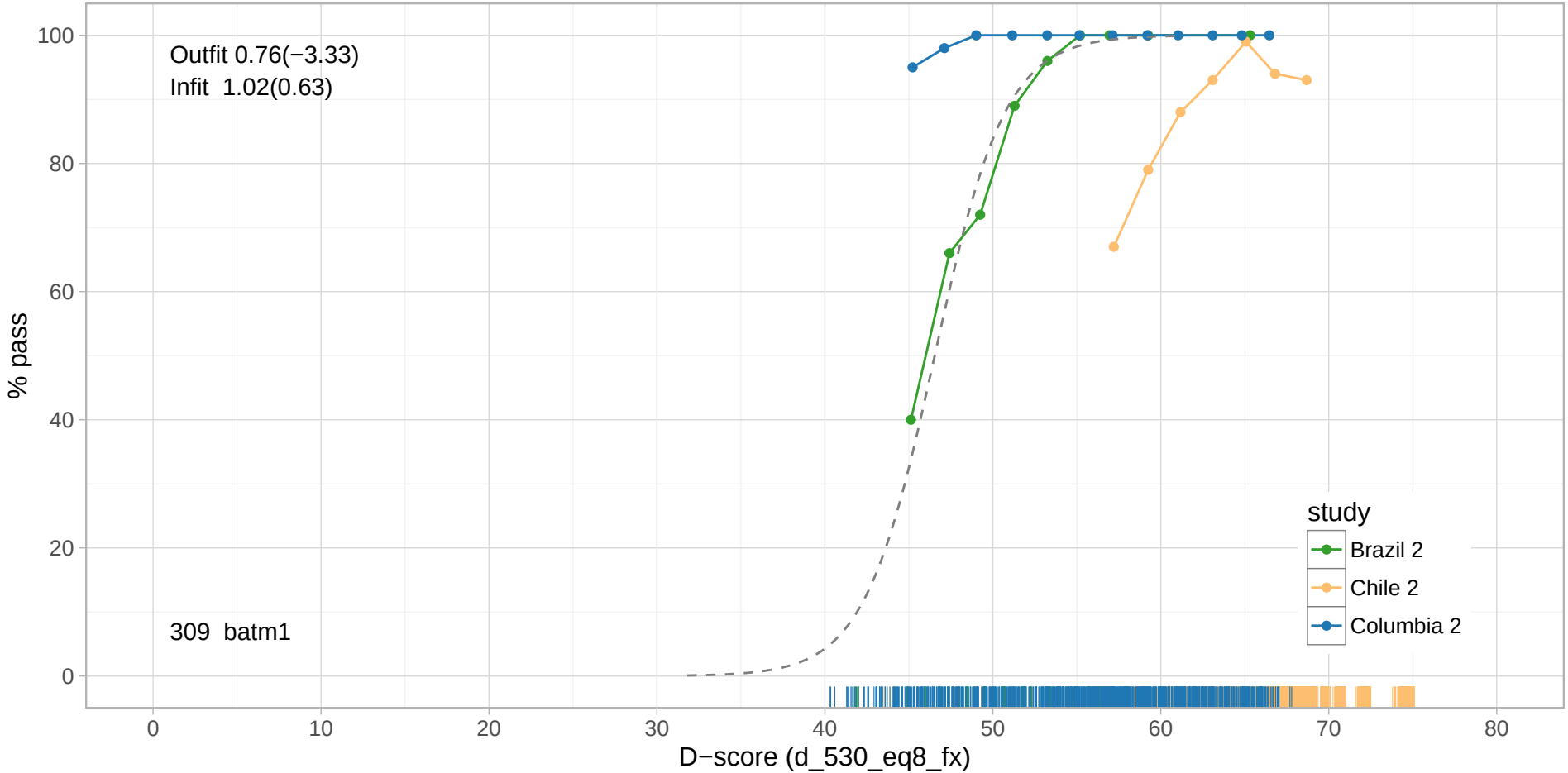
60
70
80


Outfit 0.76(−3.33)
Infit 1.02(0.63)
309 batm1
% pass
100
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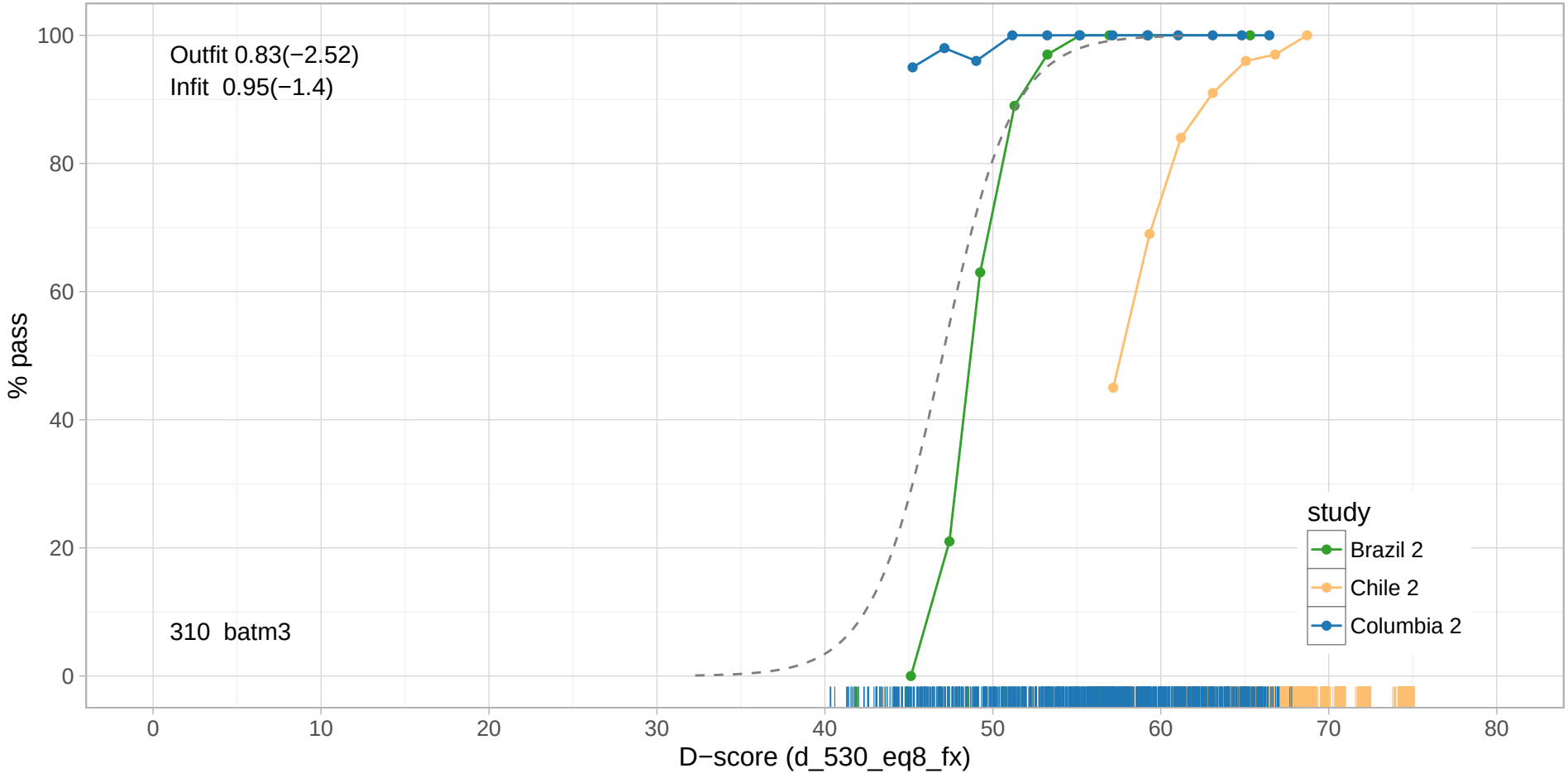
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2
Columbia 2


Outfit 0.83(−2.52)
Infit 0.95(−1.4)
310 batm3
% pass
100
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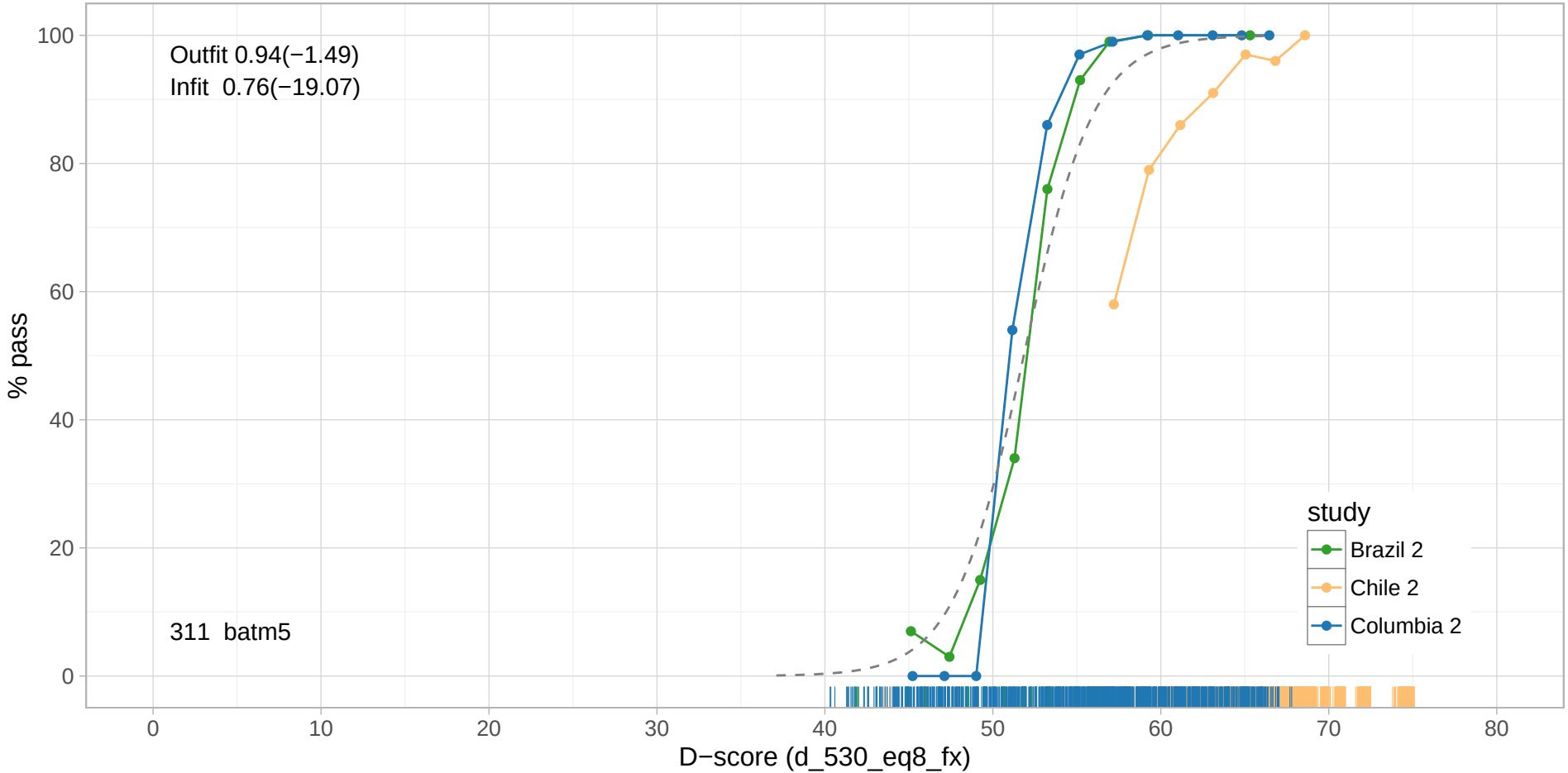
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2
Columbia 2


Outfit 0.94(−1.49)
Infit 0.76(−19.07)
311 batm5
% pass
100
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60
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20
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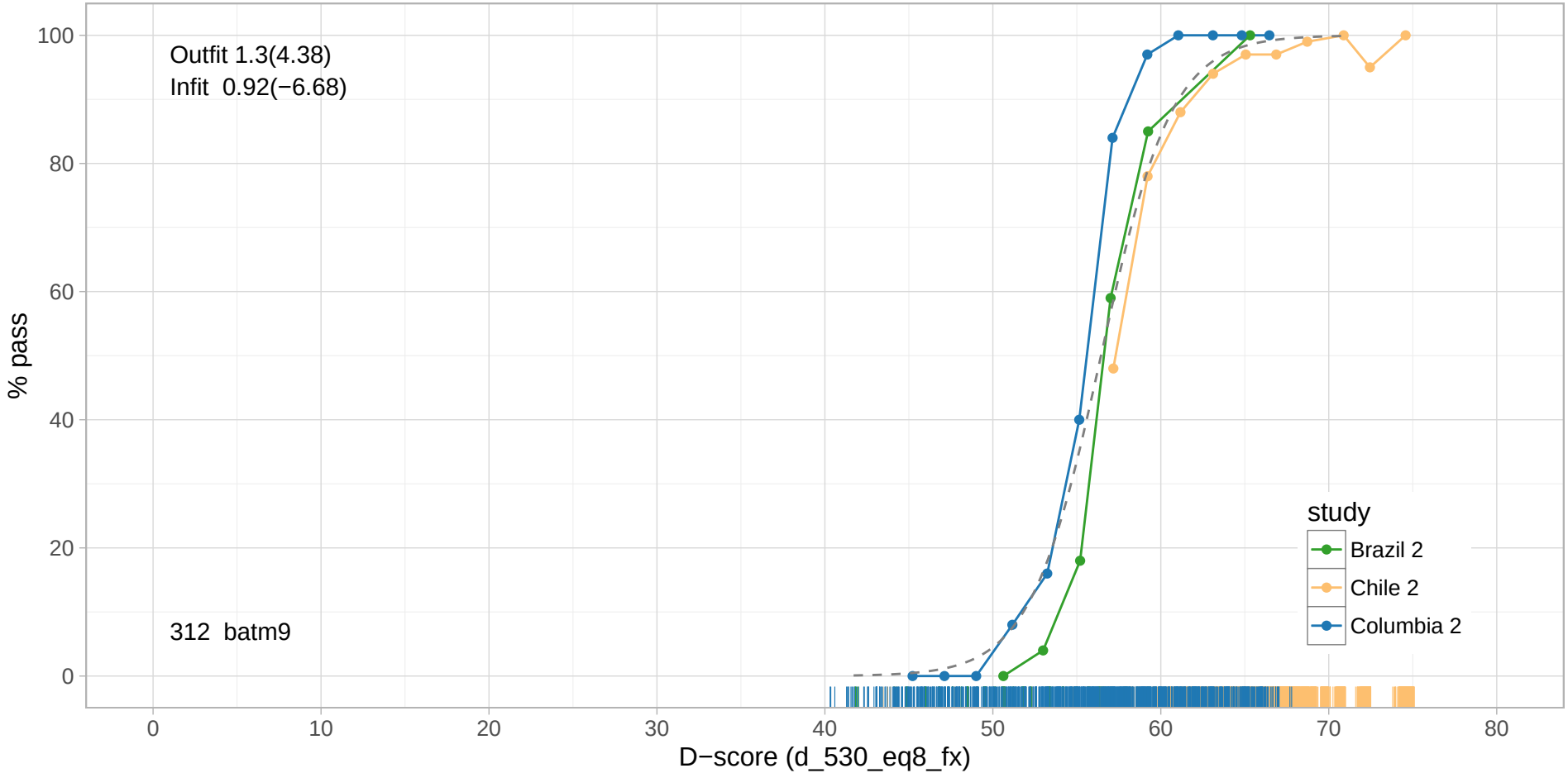
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2
Columbia 2


Outfit 1.3(4.38)
Infit 0.92(−6.68)
312 batm9
% pass
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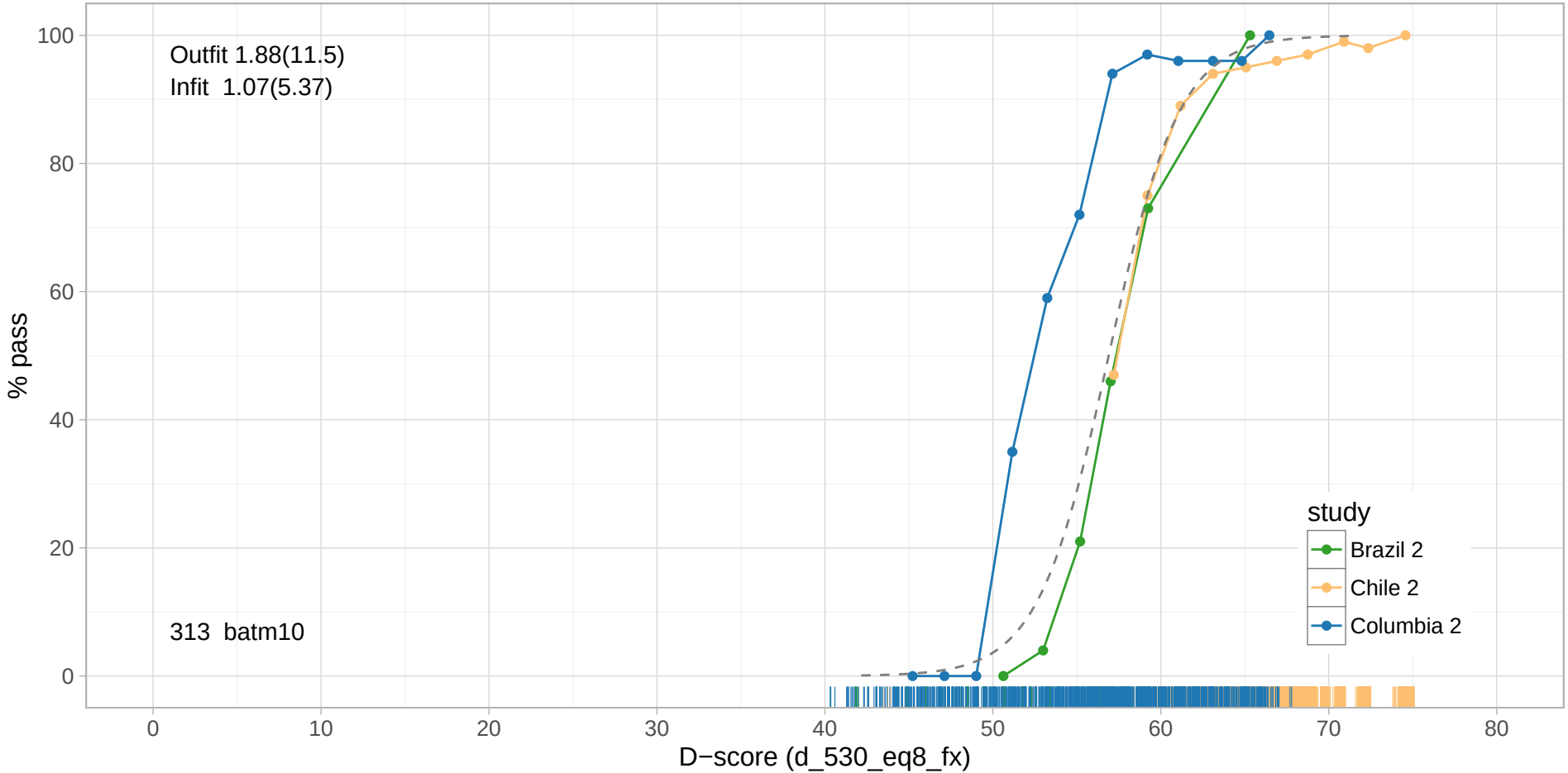
80
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2
Columbia 2


Outfit 1.88(11.5)
Infit 1.07(5.37)
313 batm10
% pass
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80
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40
20
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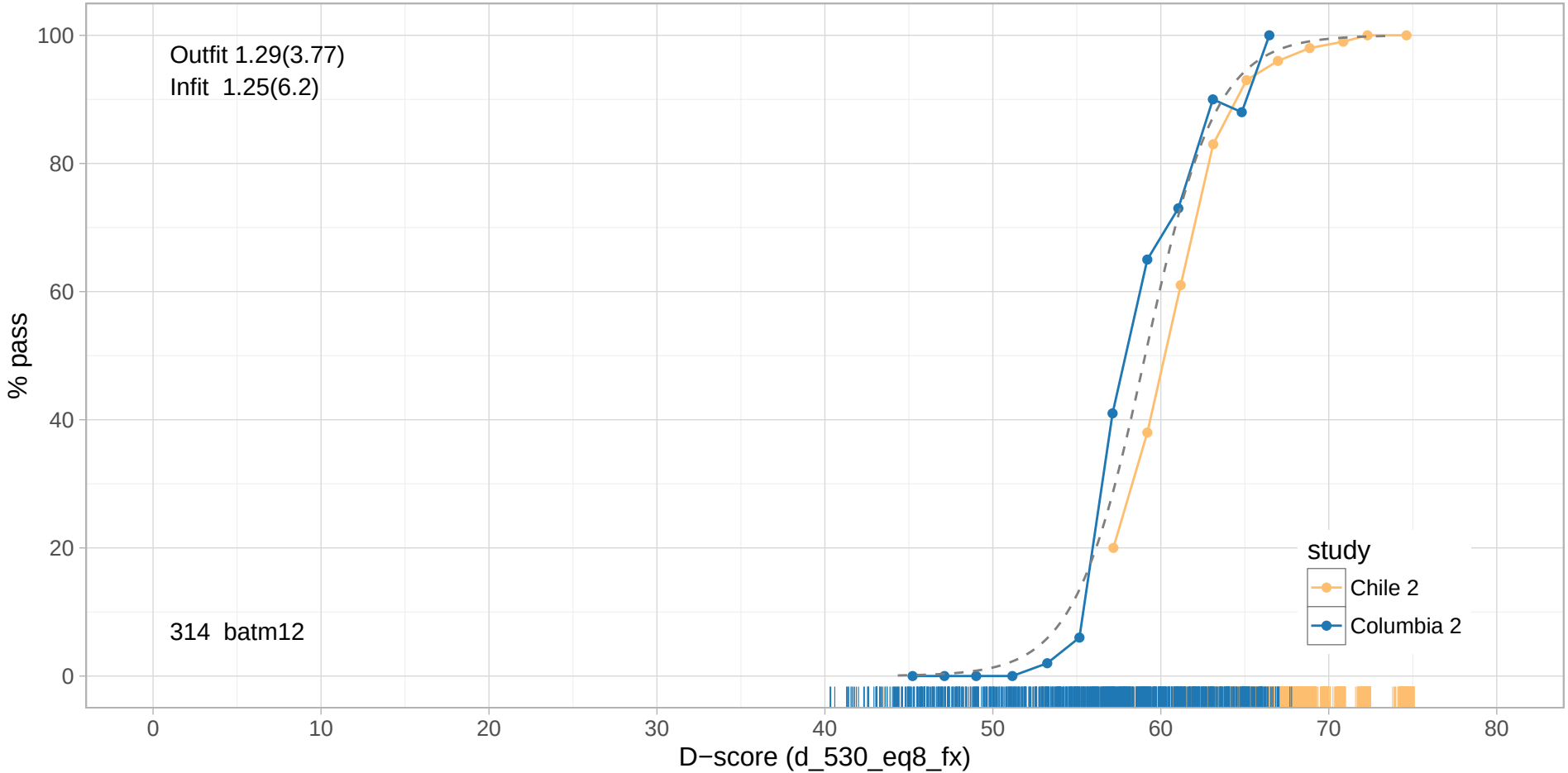
80
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2
Columbia 2


Outfit 1.29(3.77)
Infit 1.25(6.2)
314 batm12
% pass
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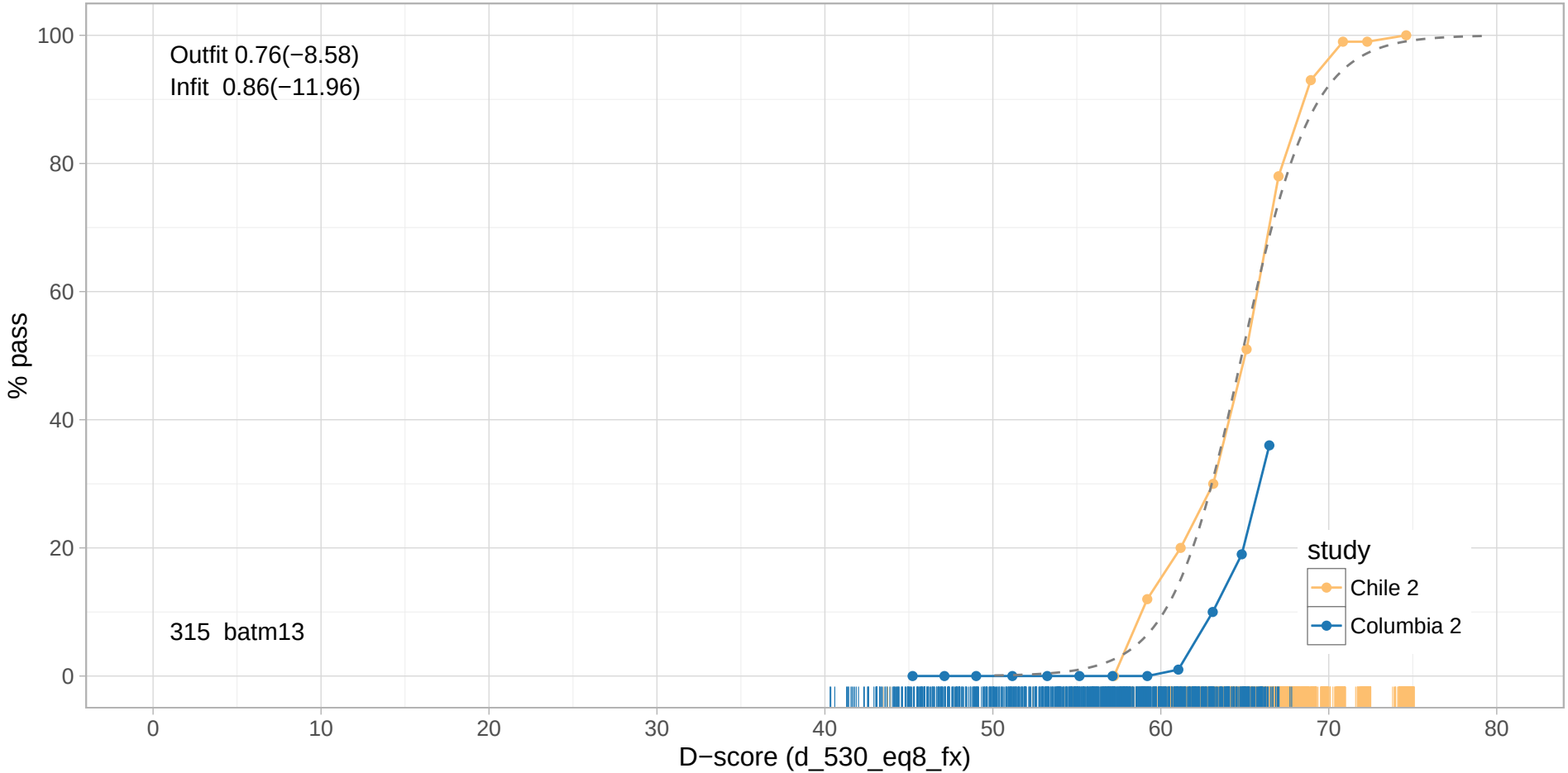
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 0.76(−8.58)
Infit 0.86(−11.96)
315 batm13
% pass
100
80
60
40
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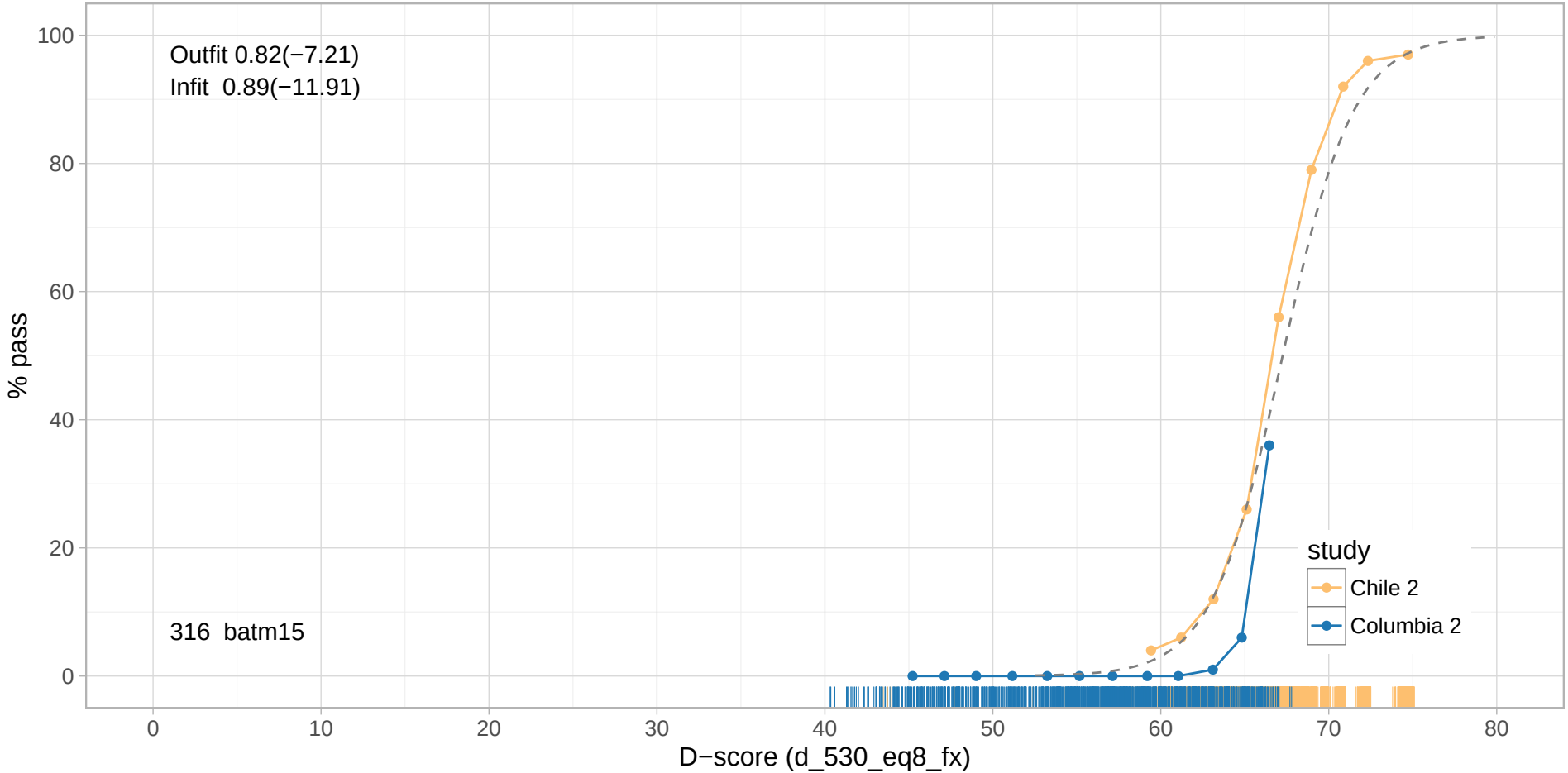
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2


Outfit 0.82(−7.21)
Infit 0.89(−11.91)
316 batm15
% pass
100
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60
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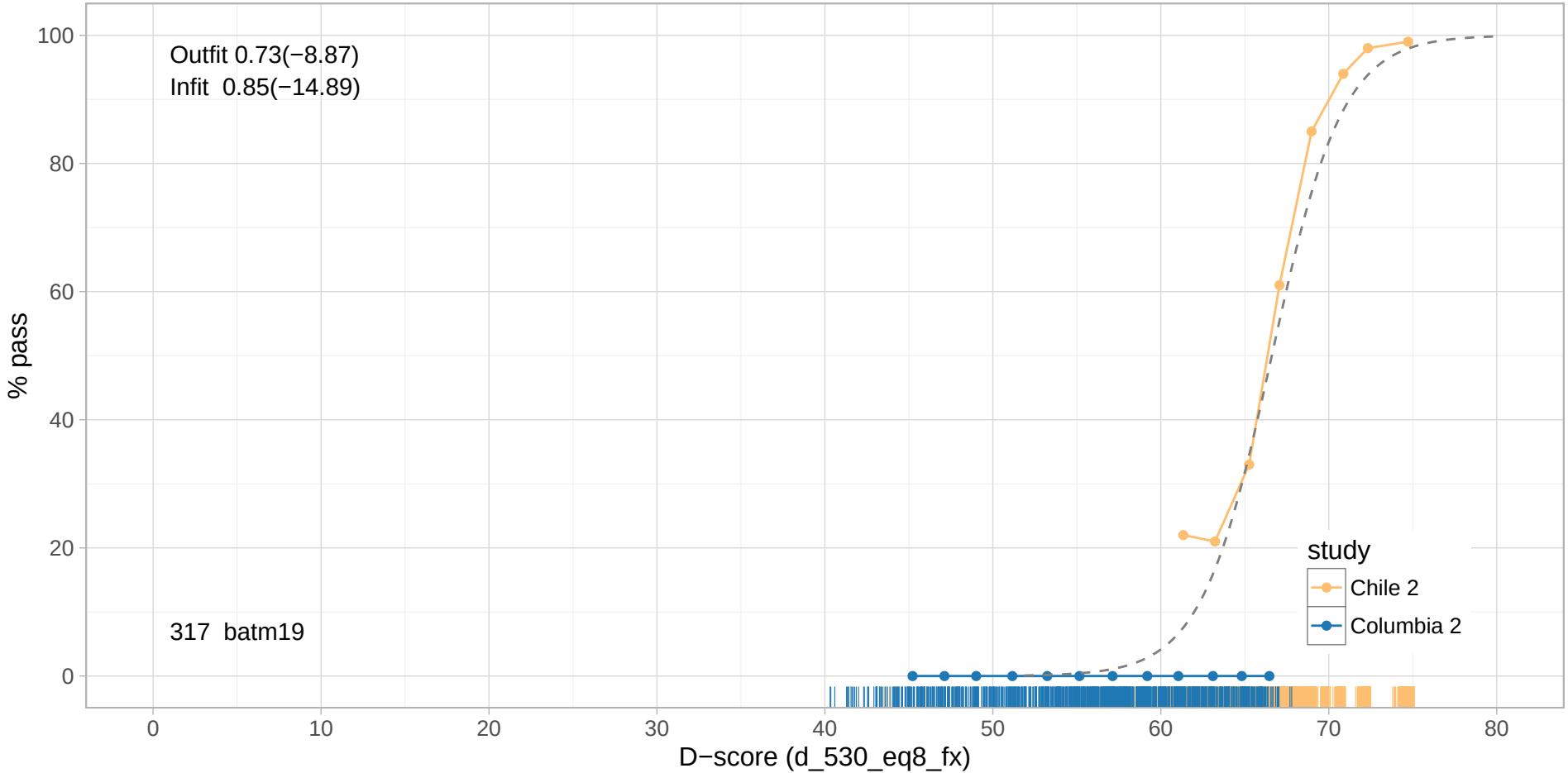
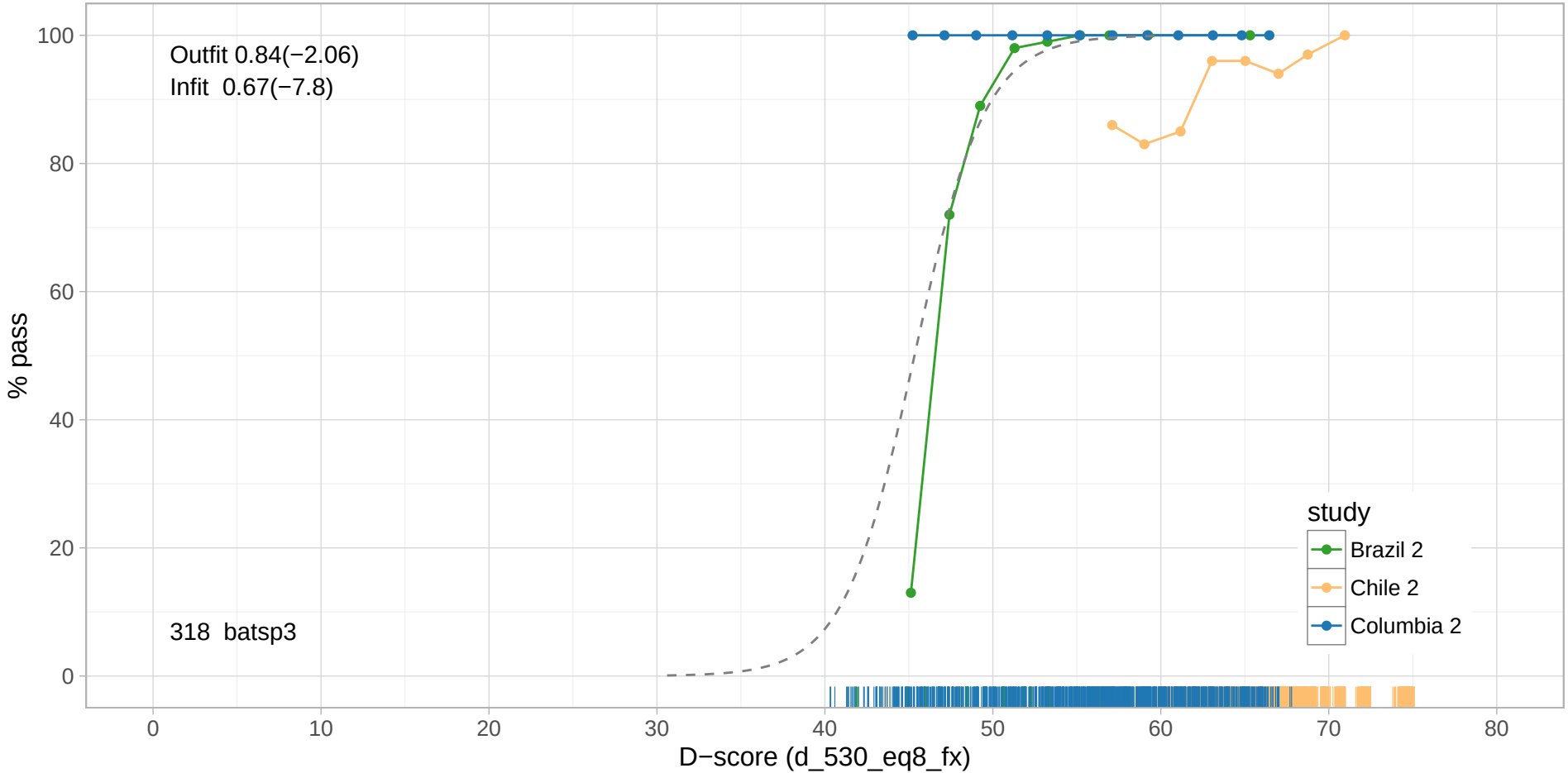
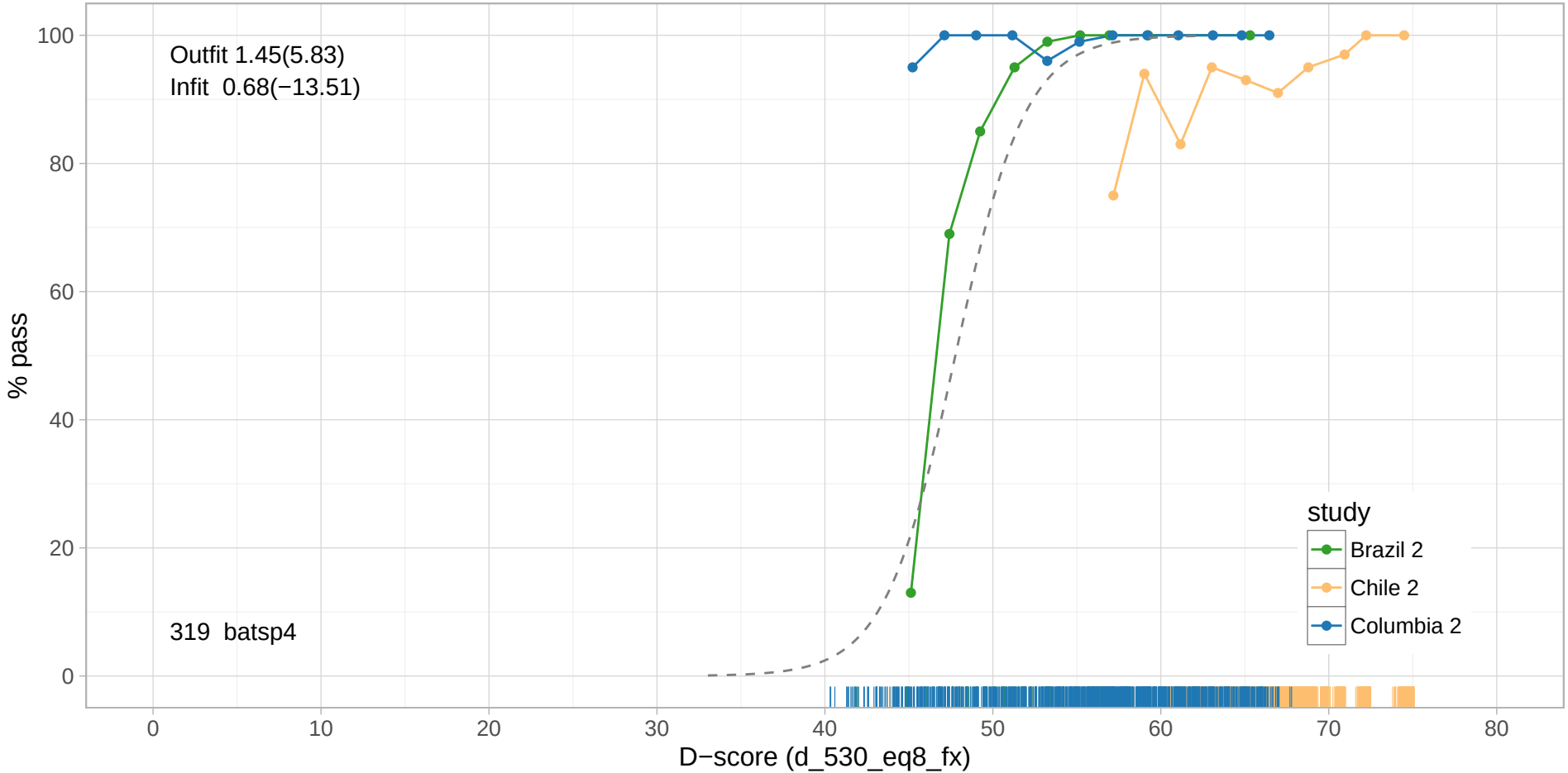
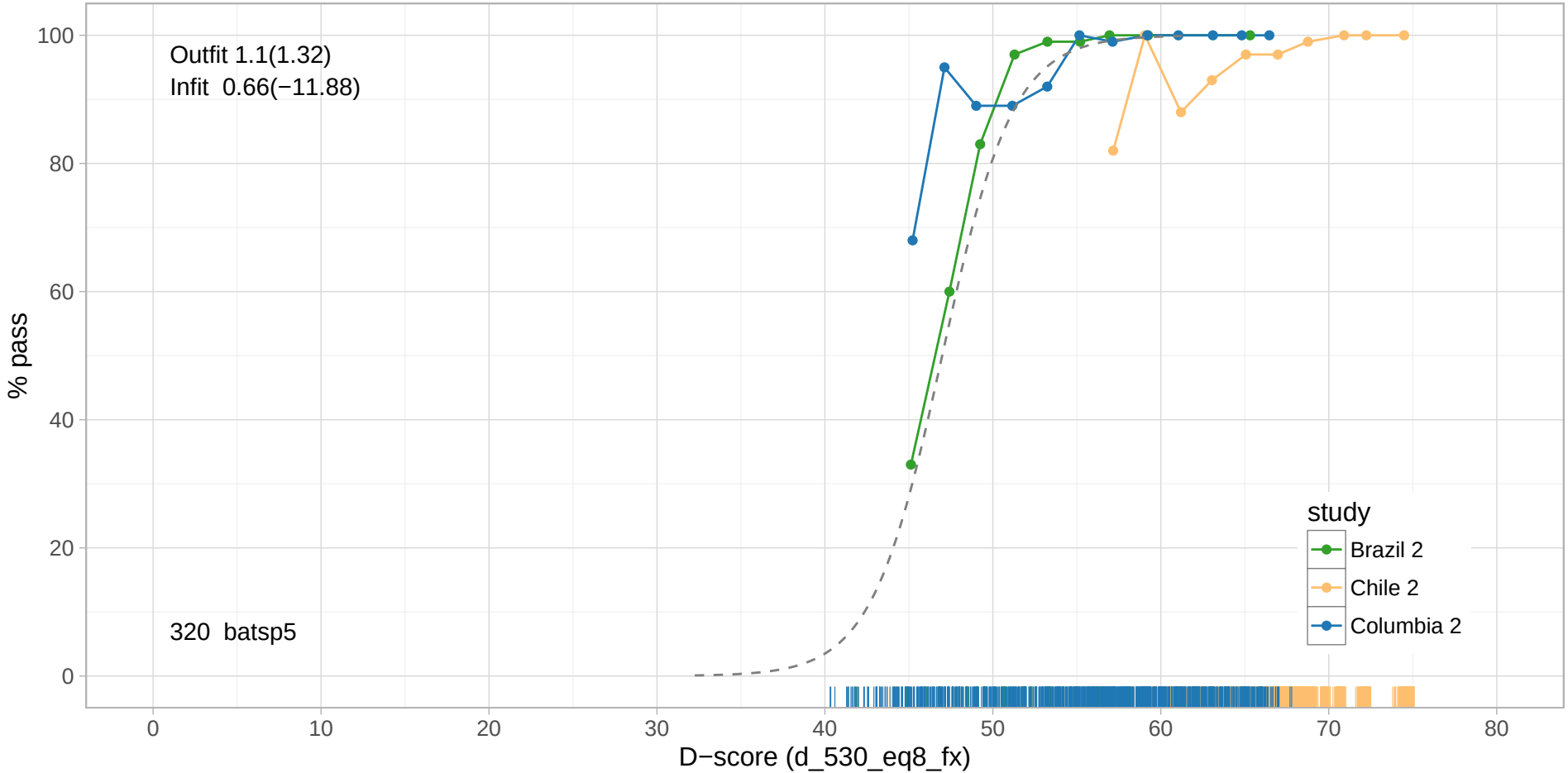
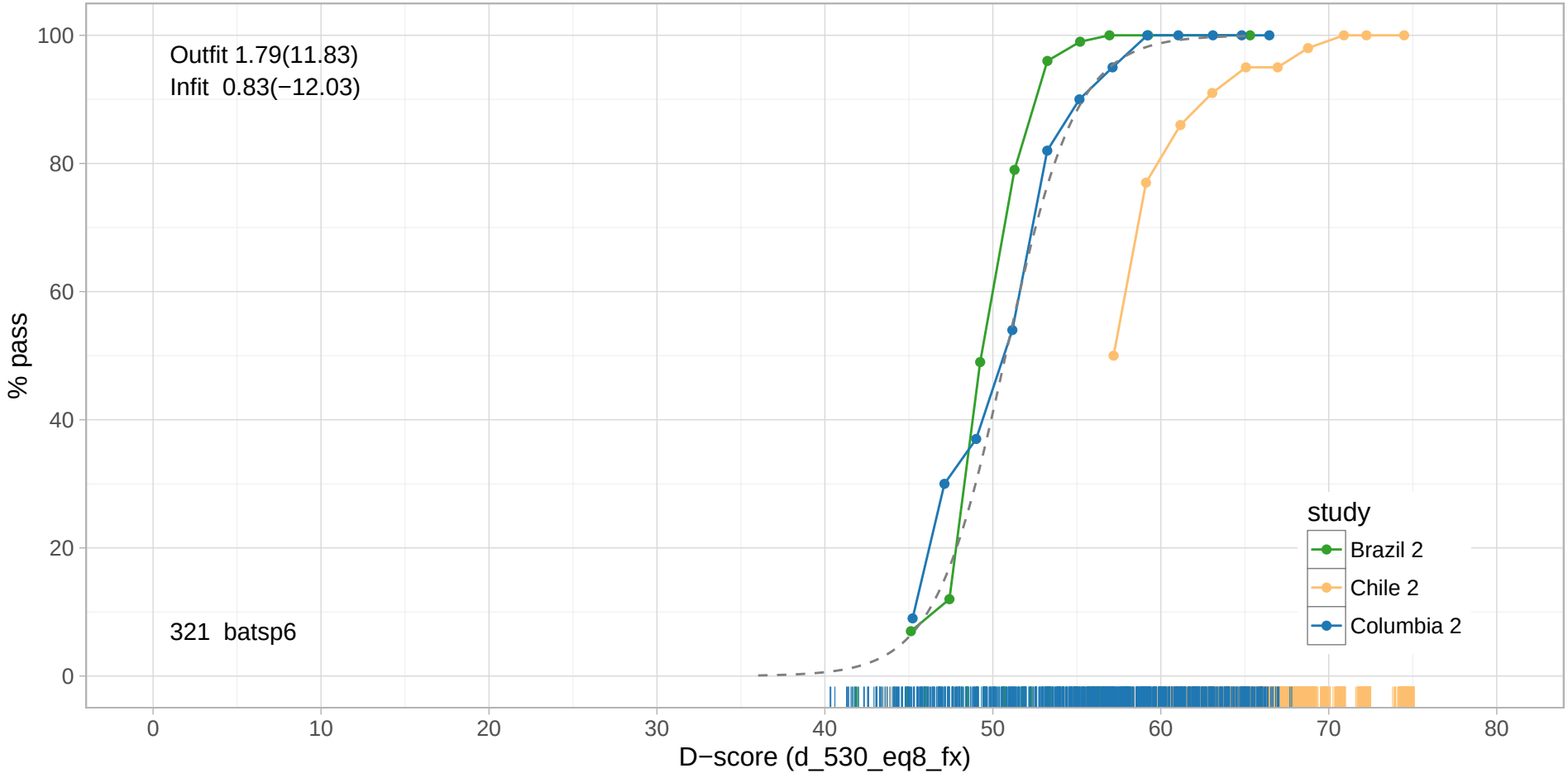
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2

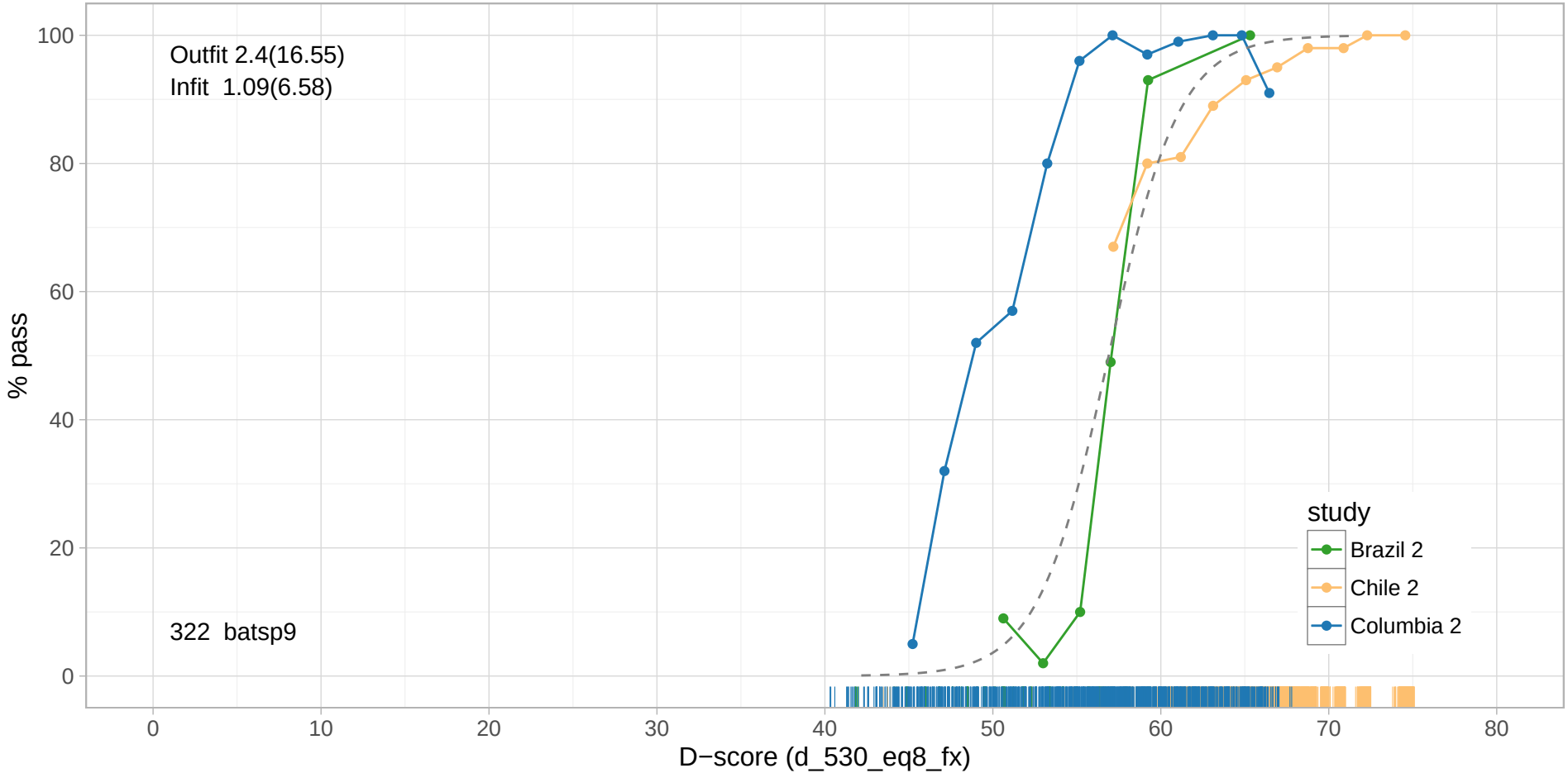

Outfit 0.73(−8.87)
Infit 0.85(−14.89)
317 batm19
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2

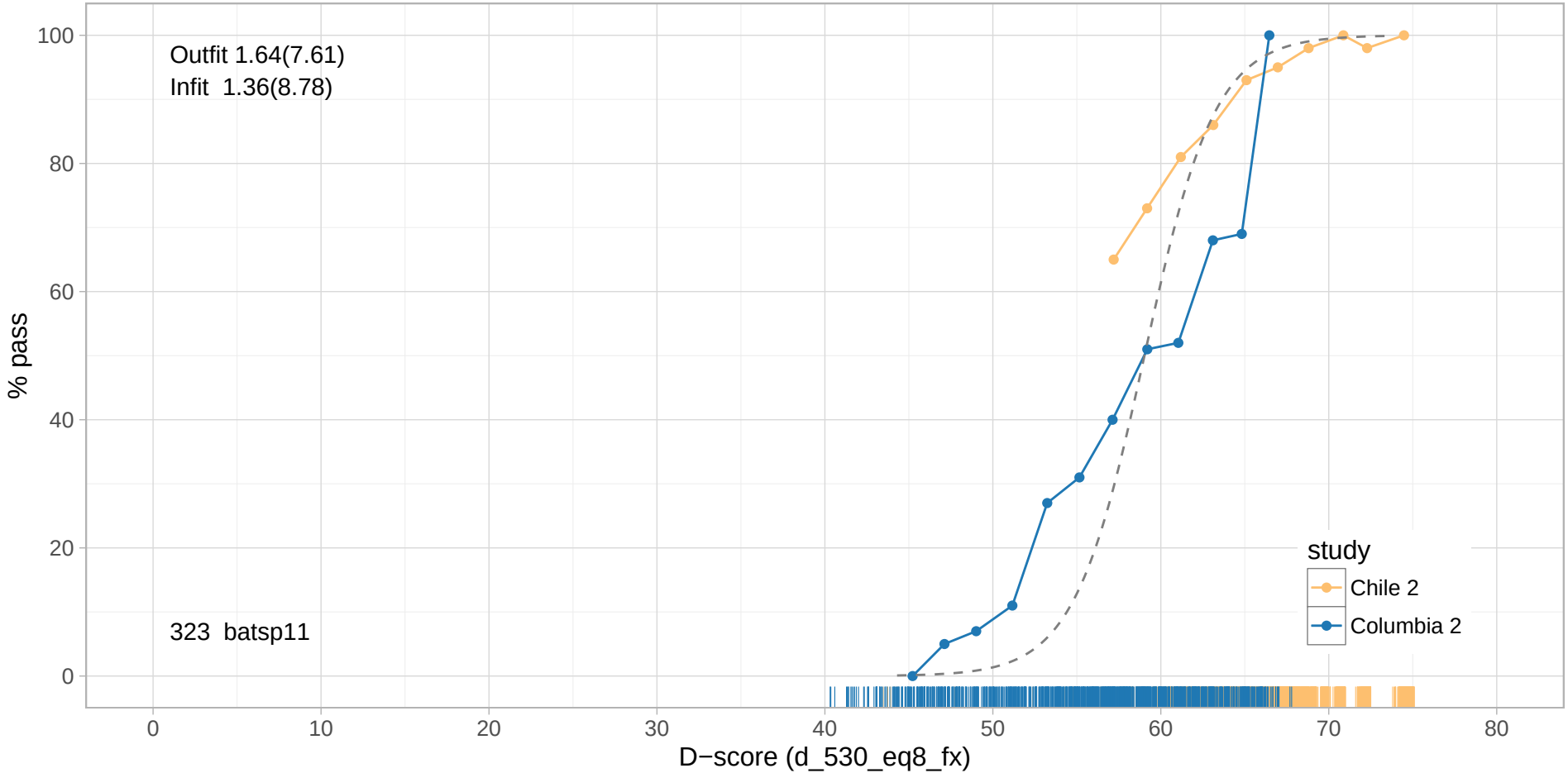

Outfit 0.84(−2.06)
Infit 0.67(−7.8)
318 batsp3
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2
Columbia 2

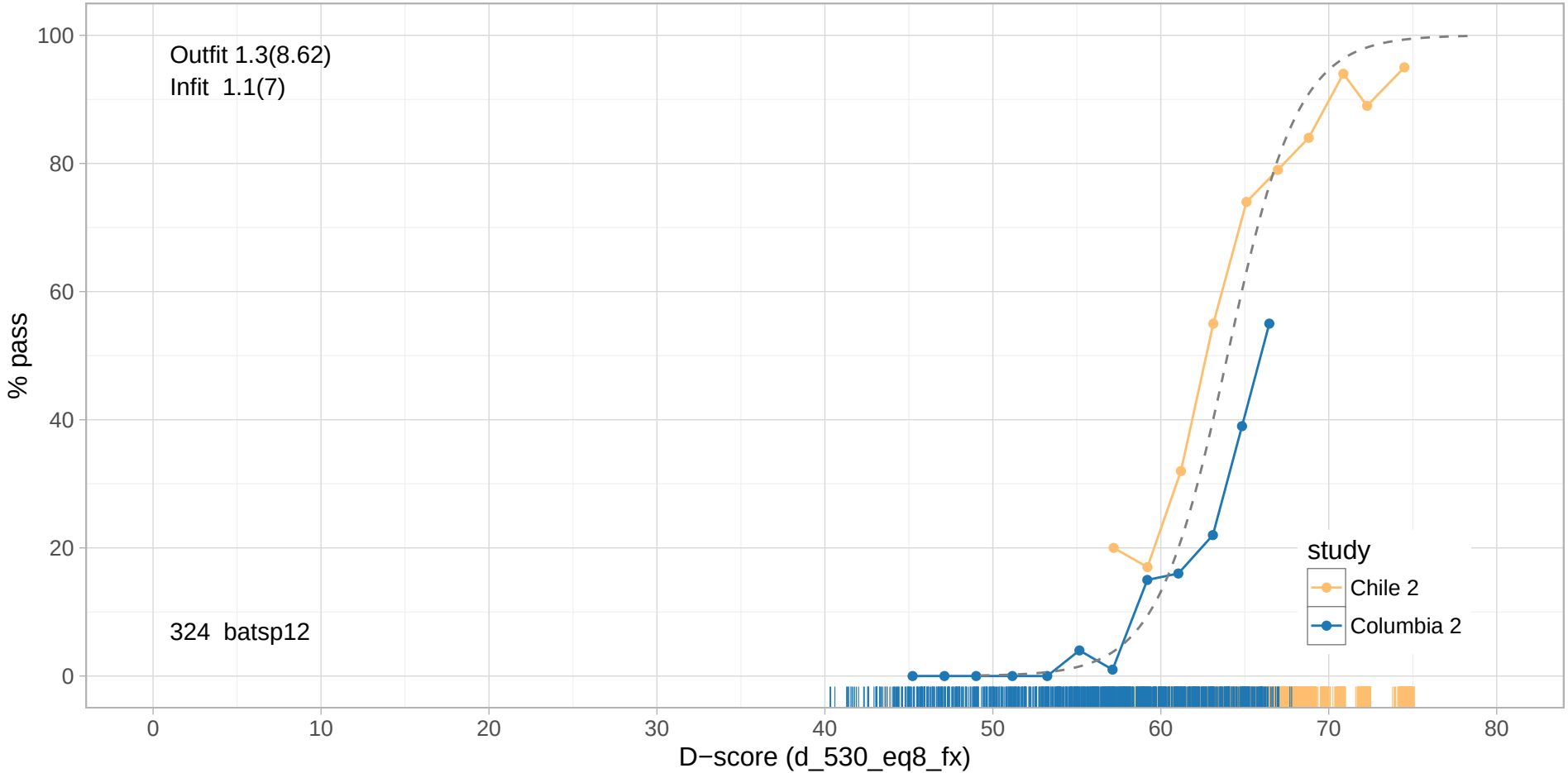

Outfit 1.45(5.83)
Infit 0.68(−13.51)
319 batsp4
% pass
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2
Columbia 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

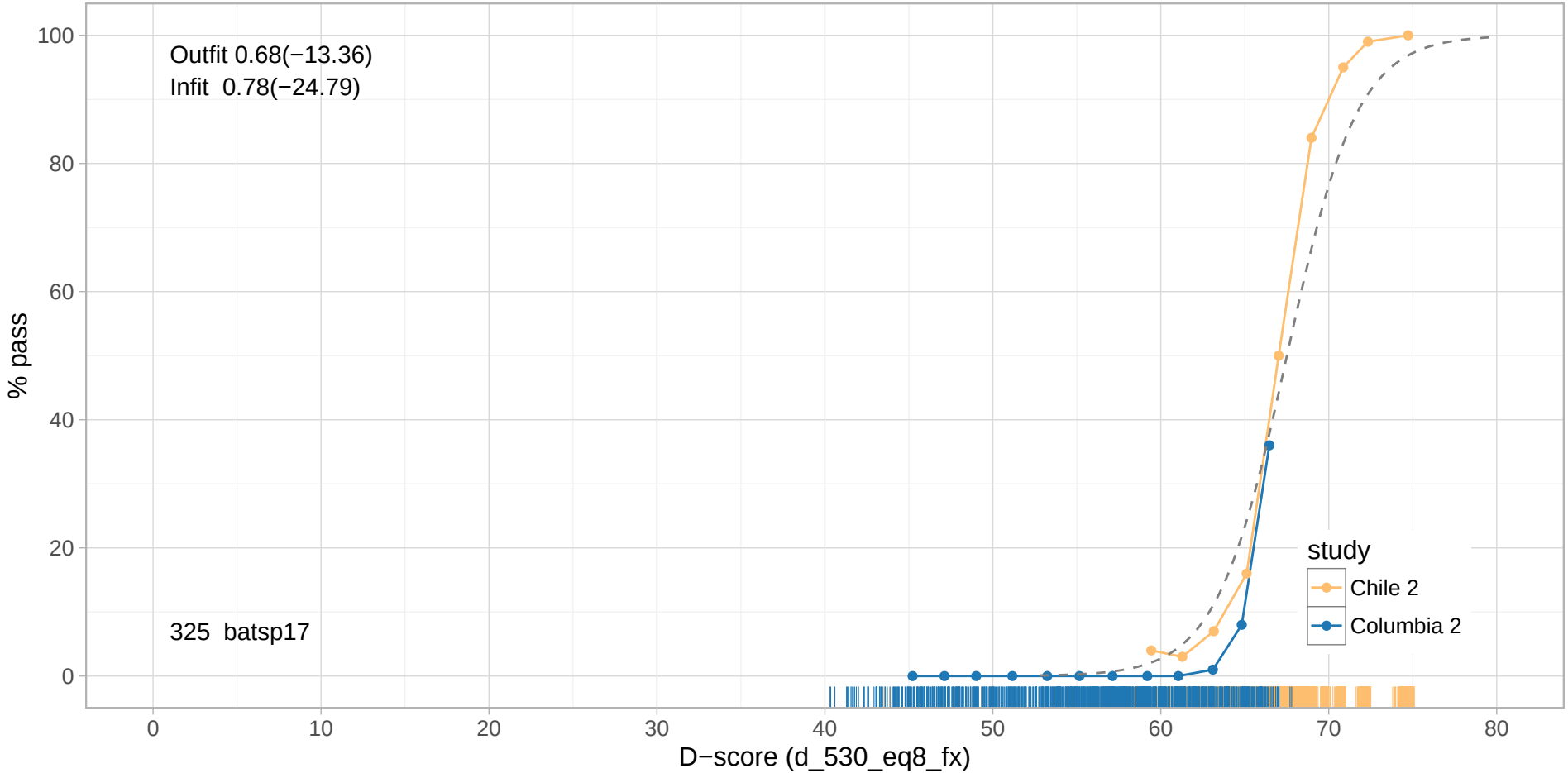

Outfit 1.1(1.32)
Infit 0.66(−11.88)
320 batsp5
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2
Columbia 2

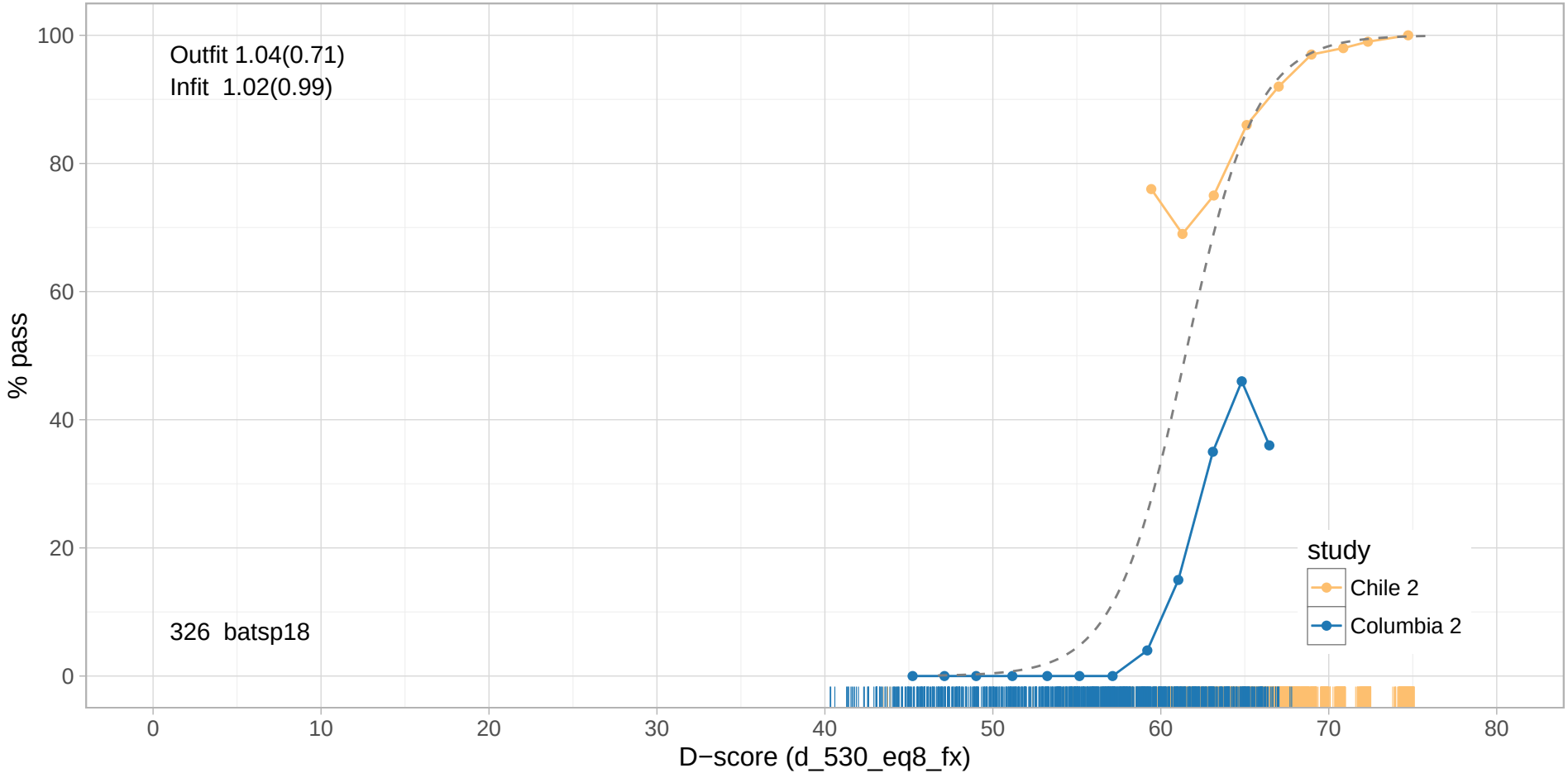

Outfit 1.79(11.83)
Infit 0.83(−12.03)
321 batsp6
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2
Columbia 2

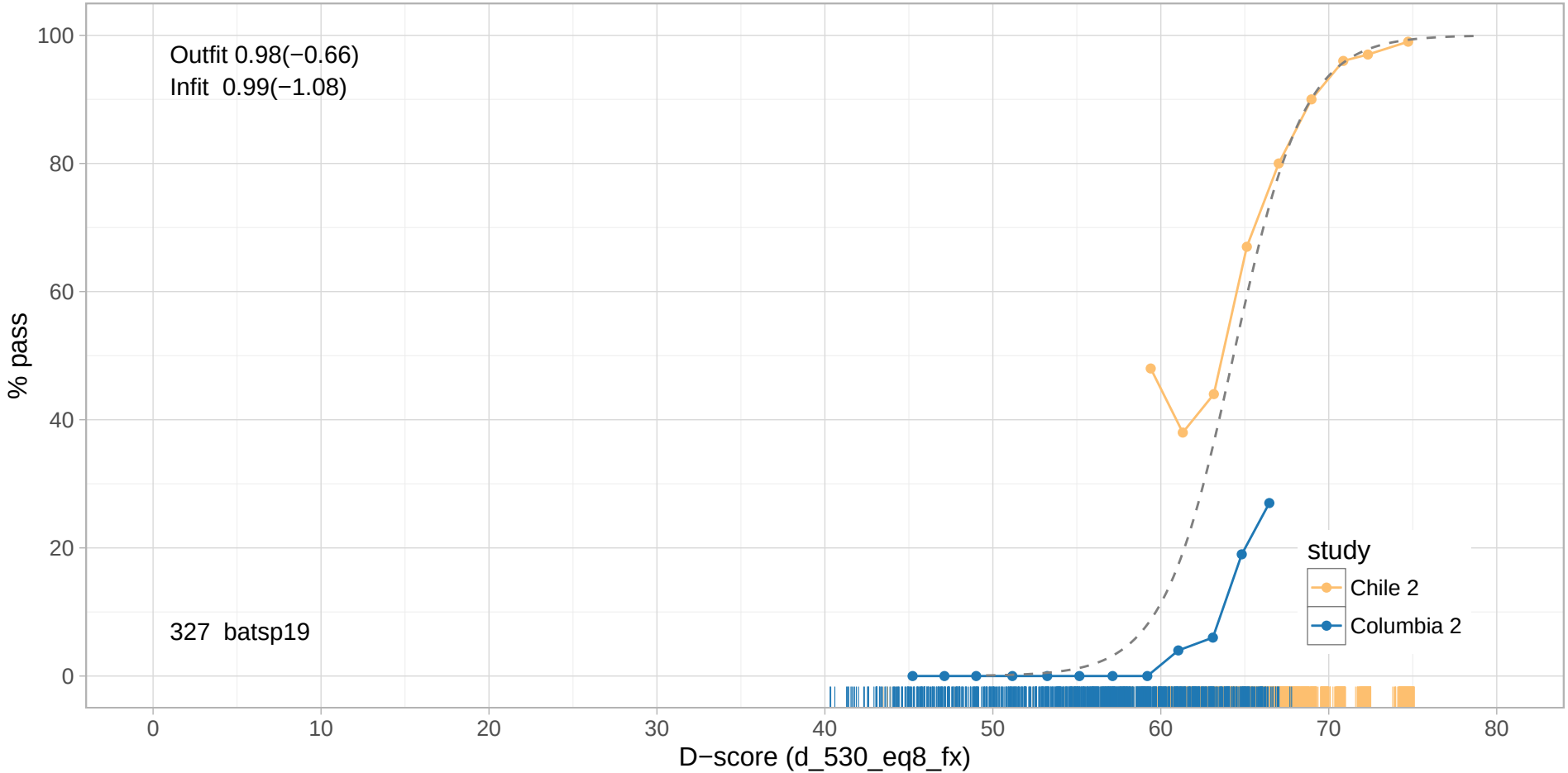

Outfit 2.4(16.55)
Infit 1.09(6.58)
322 batsp9
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Brazil 2
Chile 2
Columbia 2

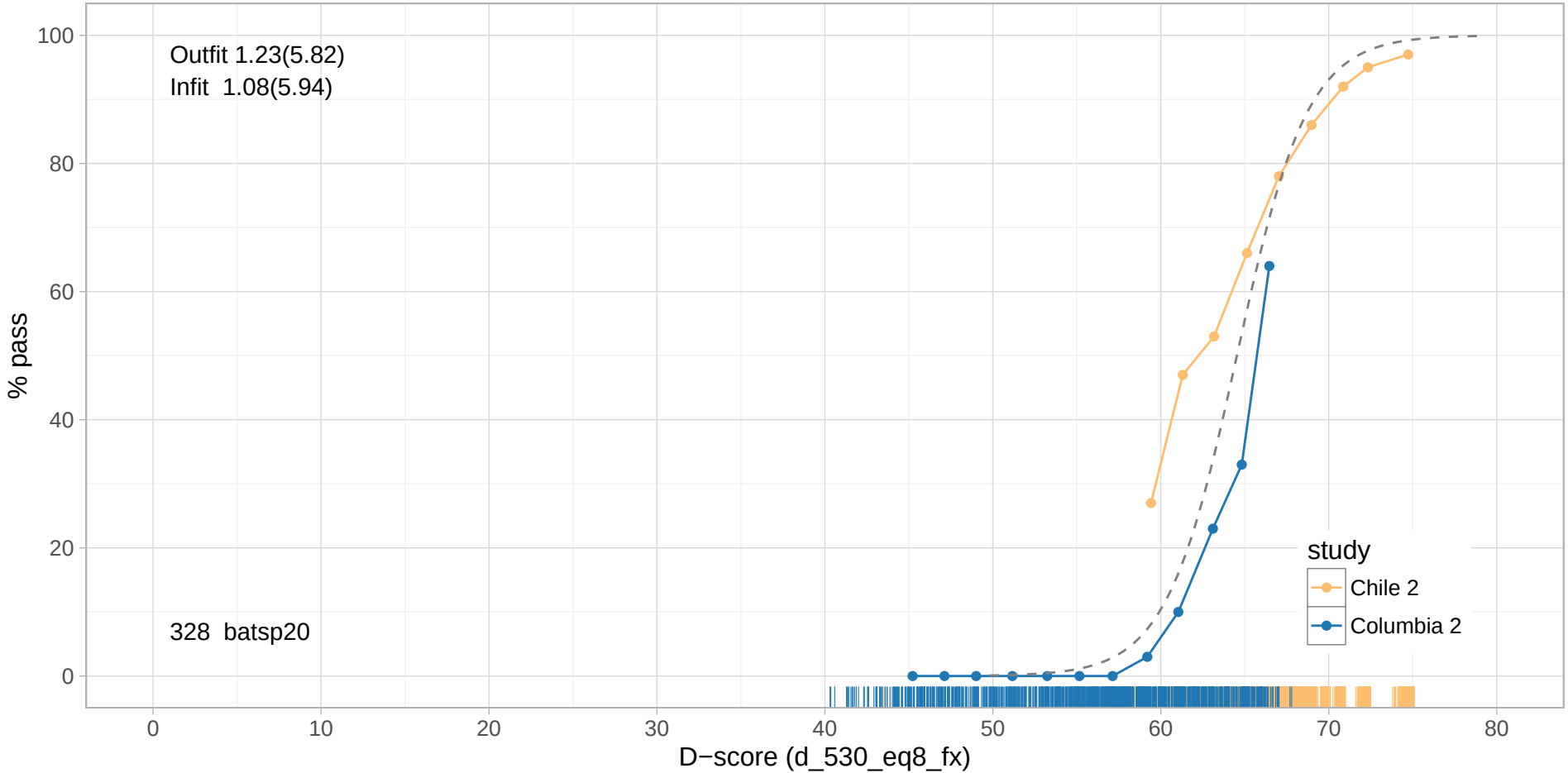

Outfit 1.64(7.61)
Infit 1.36(8.78)
323 batsp11
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2

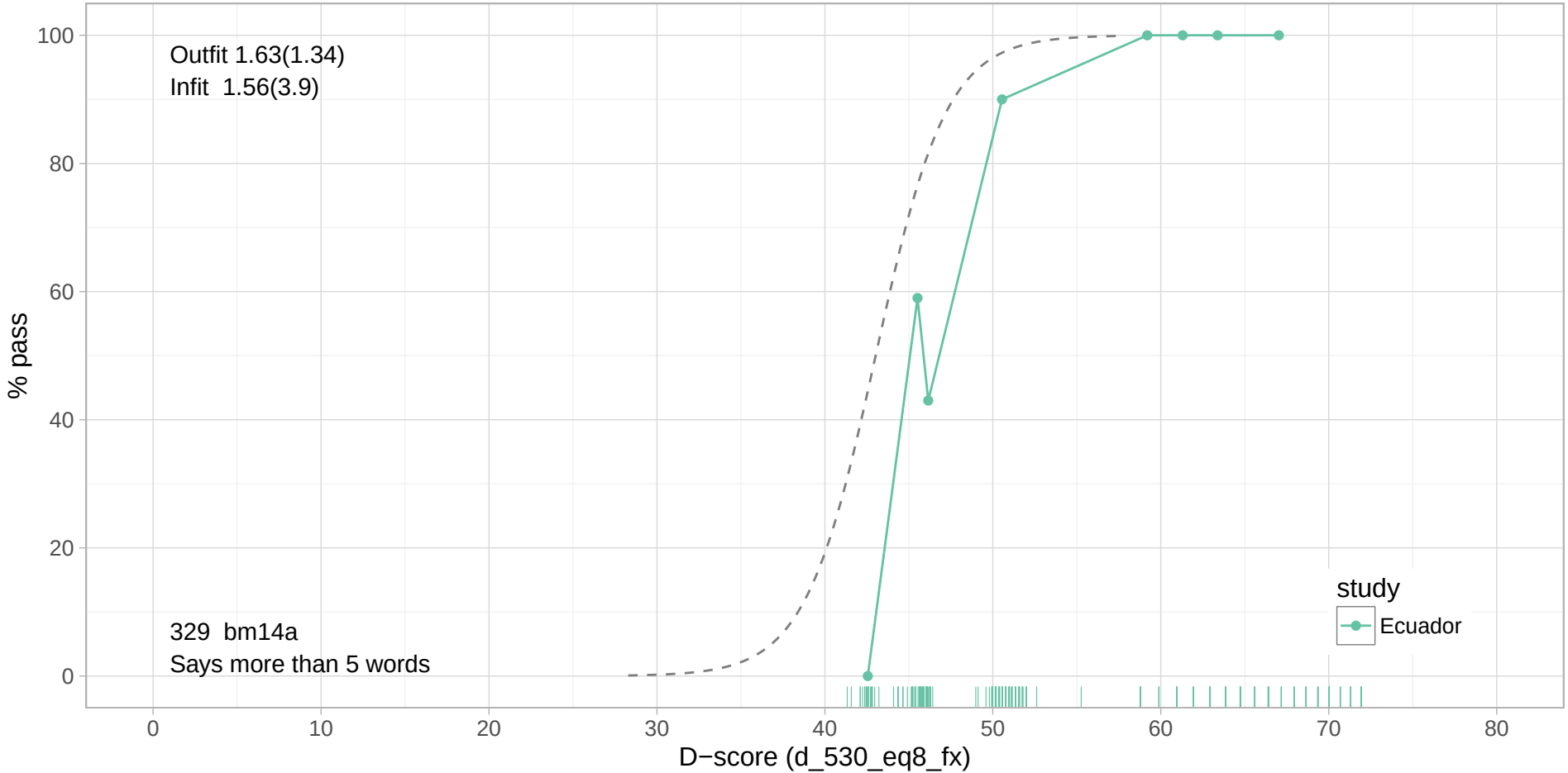

Outfit 1.3(8.62)
Infit 1.1(7)
324 batsp12
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2

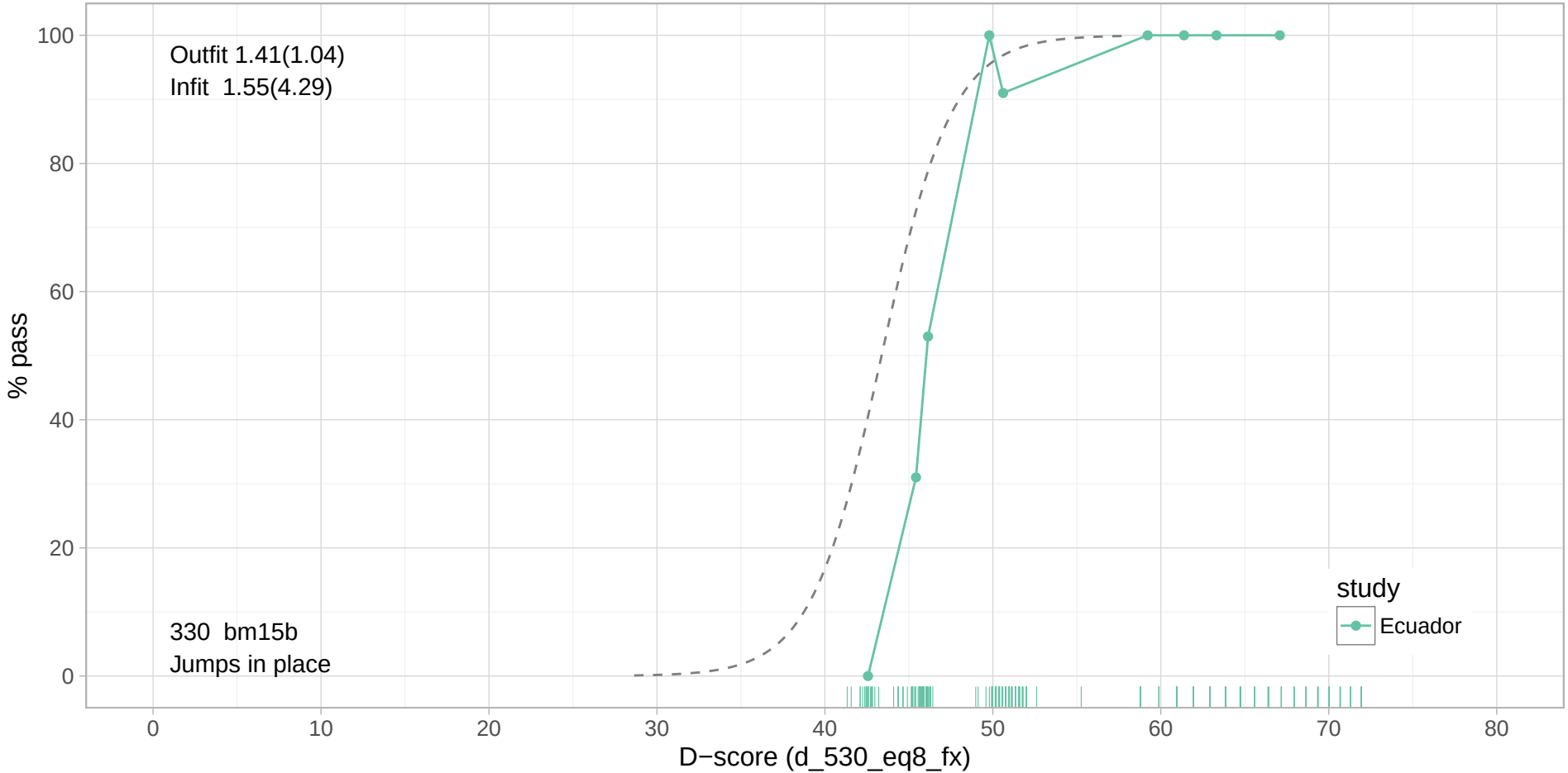

Outfit 0.68(−13.36)
Infit 0.78(−24.79)
325 batsp17
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2

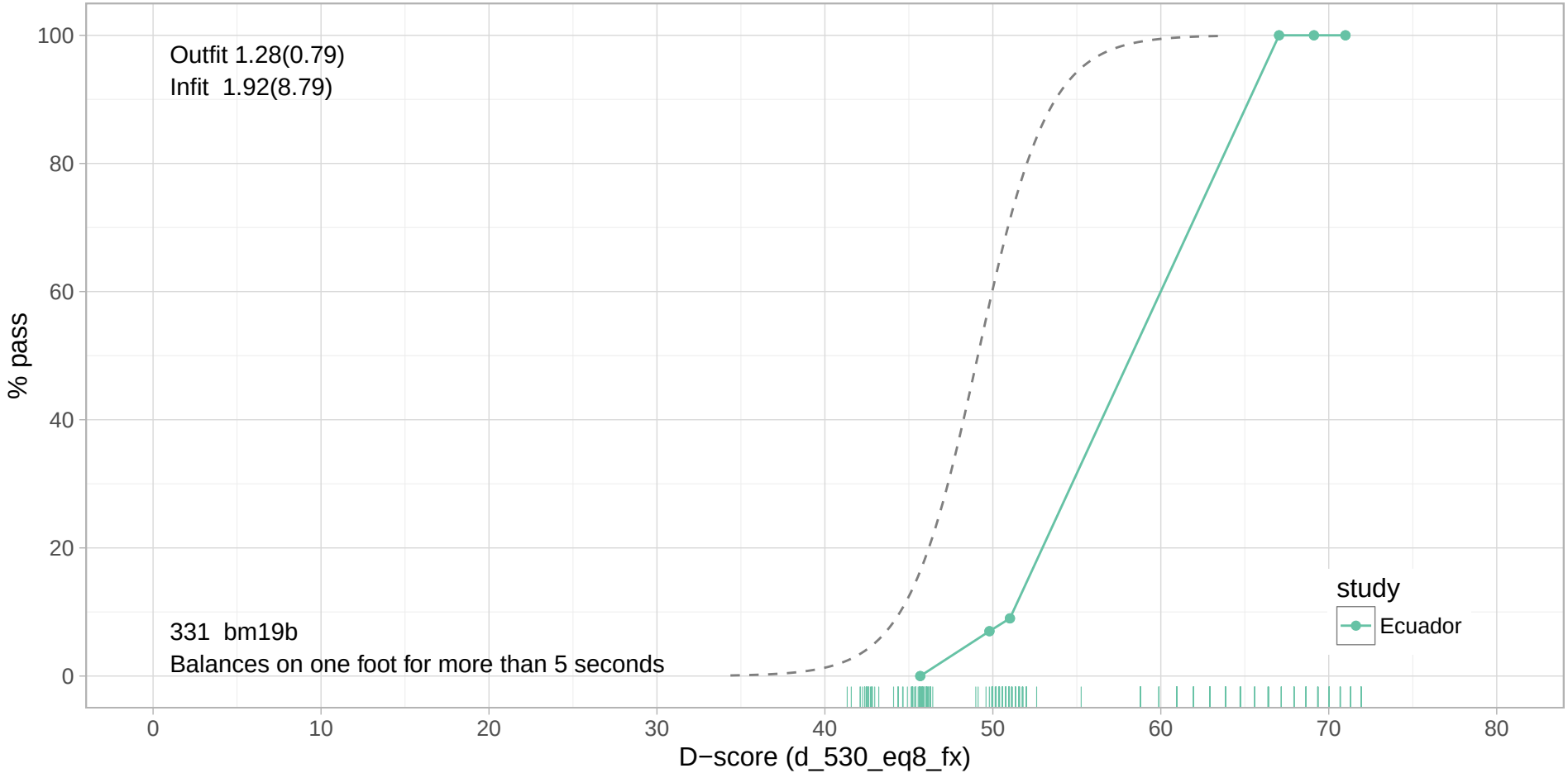

Outfit 1.04(0.71)
Infit 1.02(0.99)
326 batsp18
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2

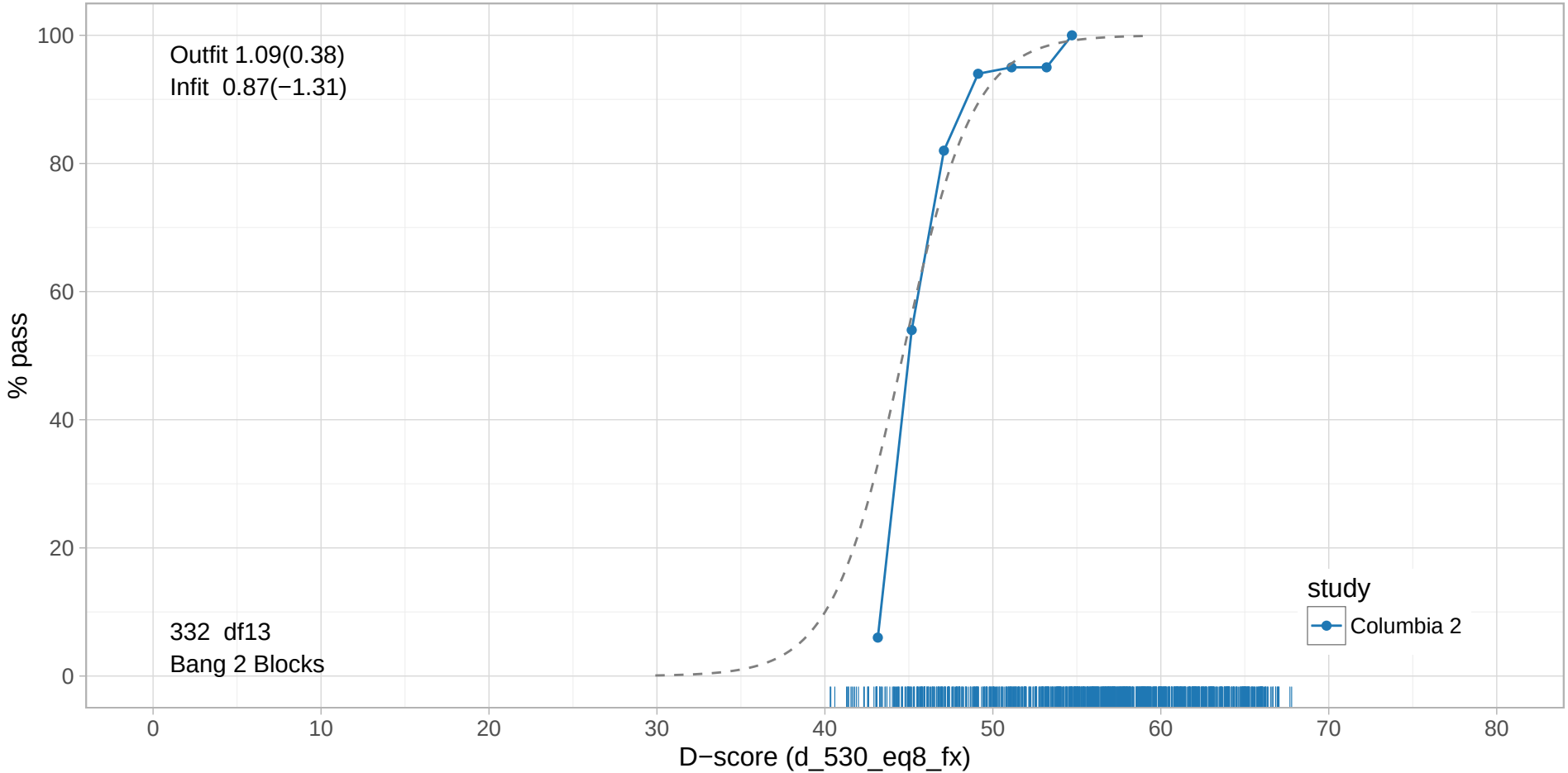

Outfit 0.98(−0.66)
Infit 0.99(−1.08)
327 batsp19
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2

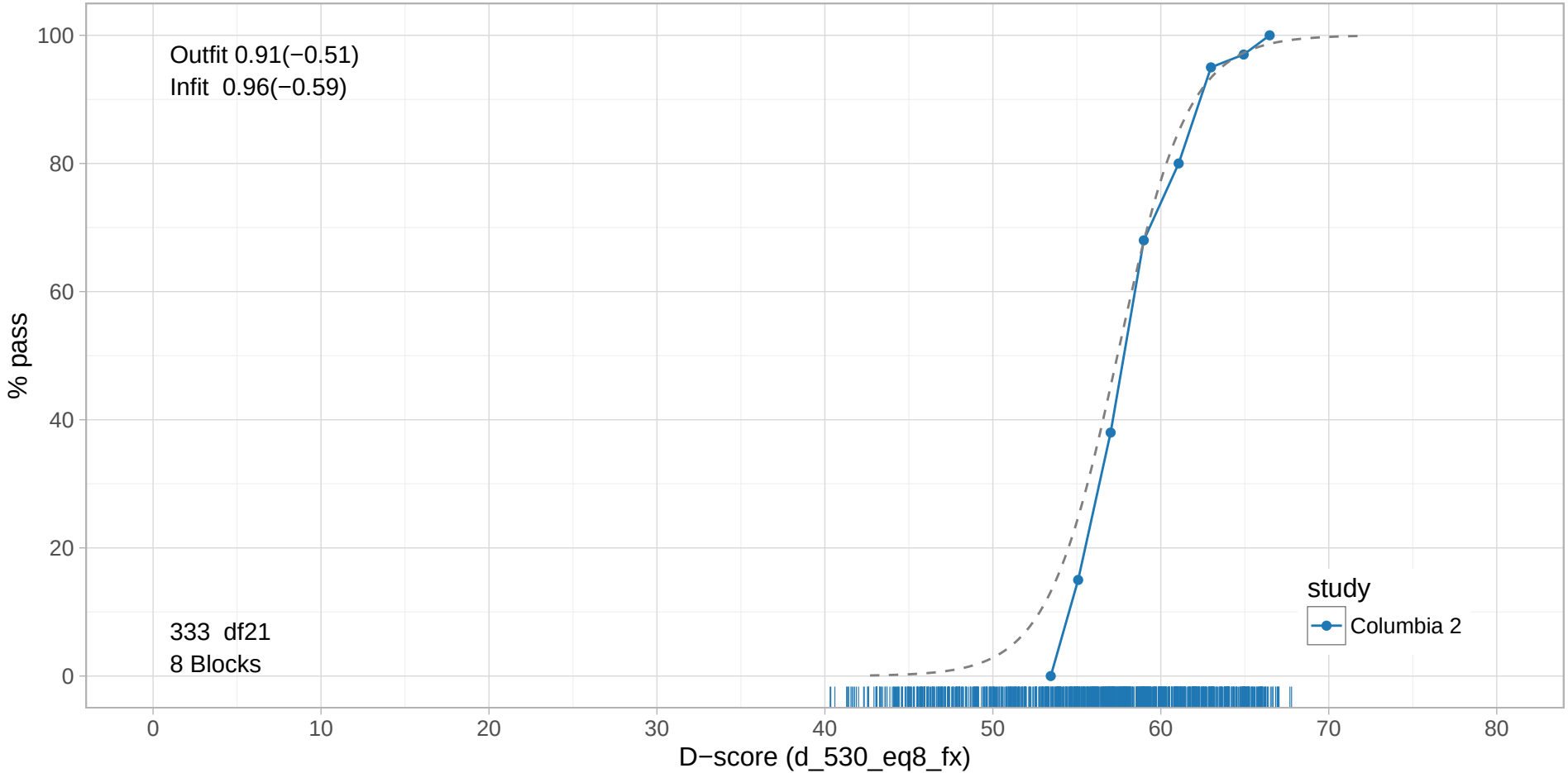

Outfit 1.23(5.82)
Infit 1.08(5.94)
328 batsp20
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Chile 2
Columbia 2

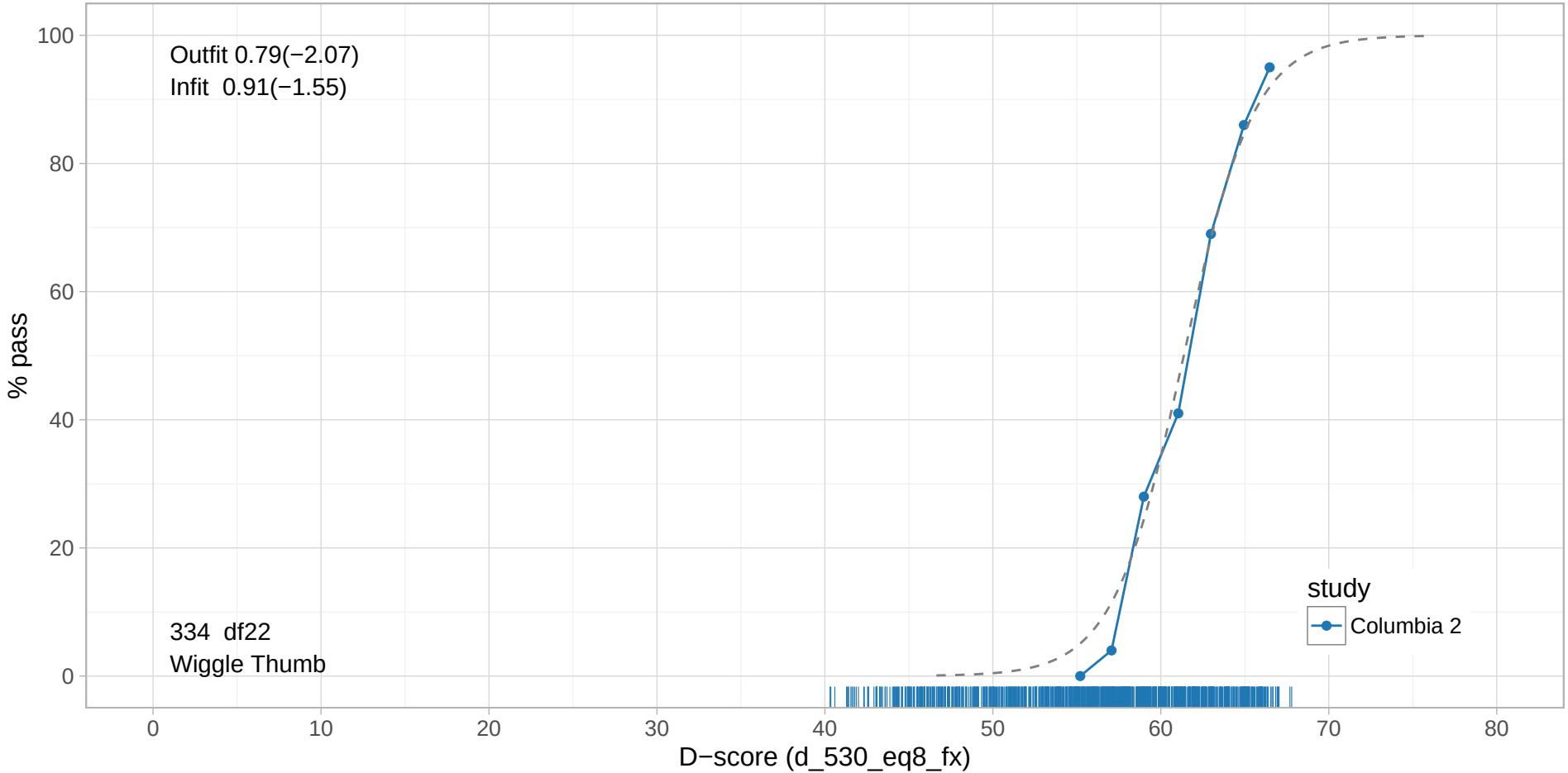

Outfit 1.63(1.34)
Infit 1.56(3.9)
329 bm14a
Says more than 5 words
study
Ecuador
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

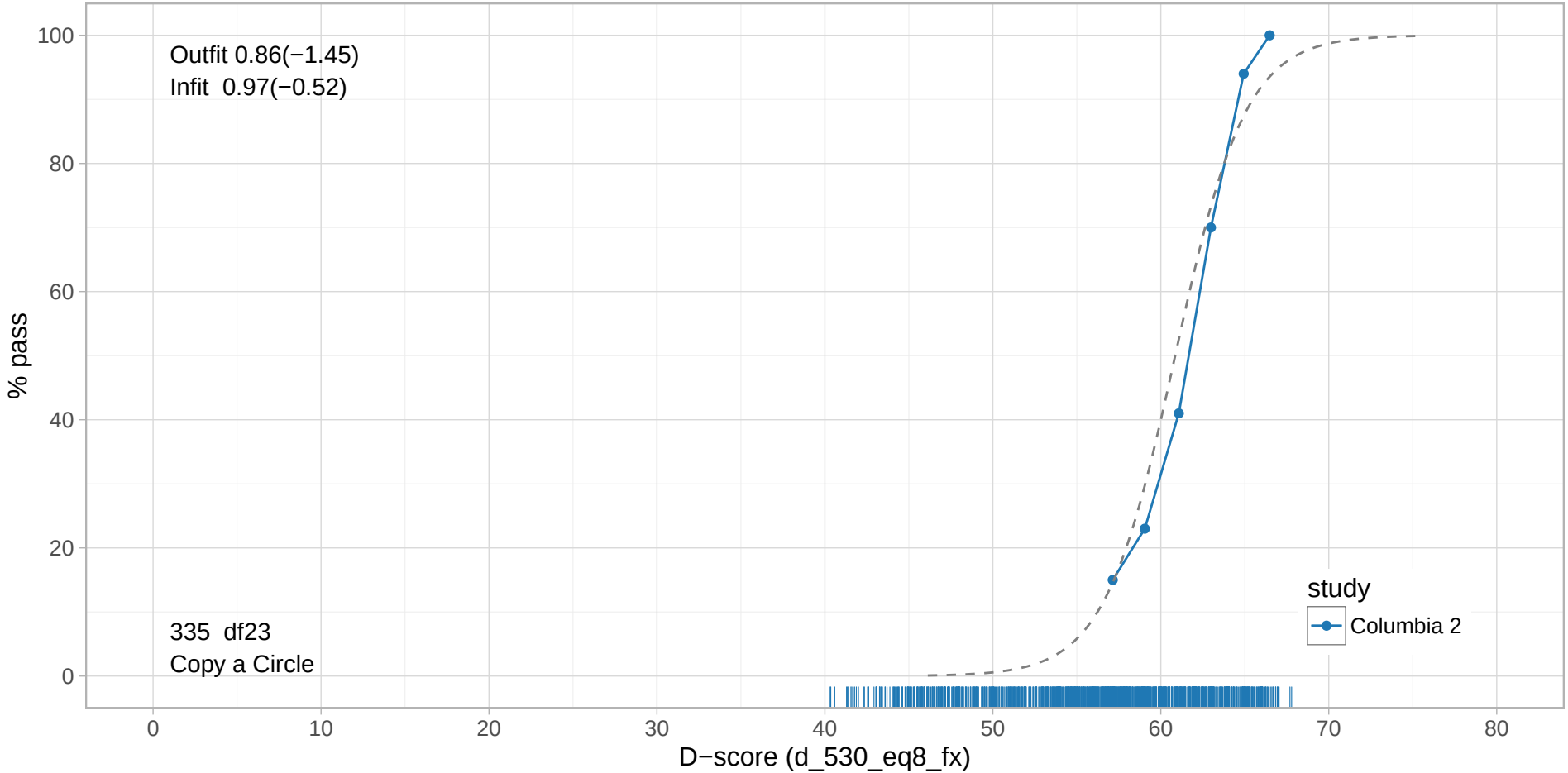

Outfit 1.41(1.04)
Infit 1.55(4.29)
330 bm15b
Jumps in place
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Ecuador

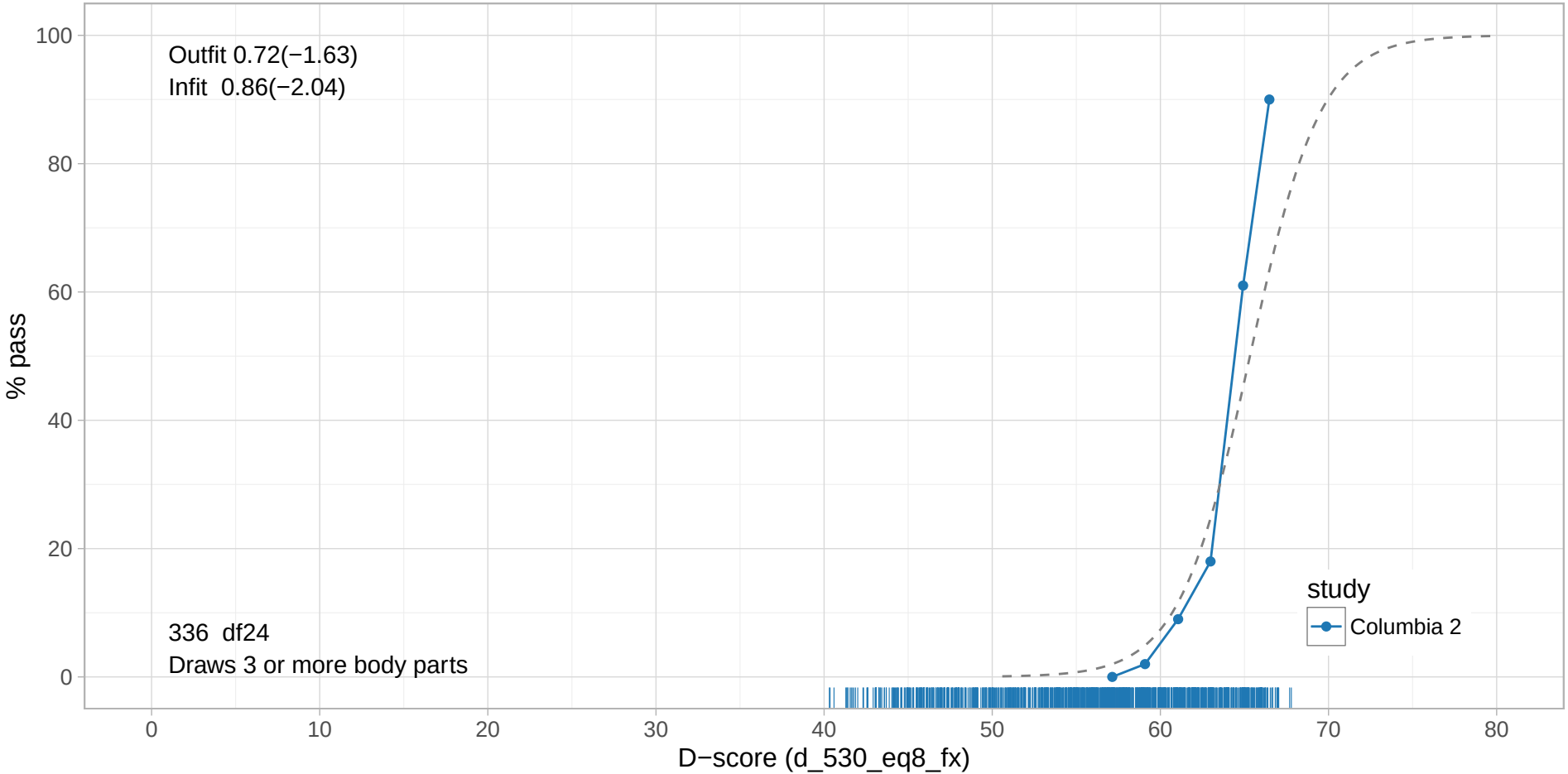

Outfit 1.28(0.79)
Infit 1.92(8.79)
331 bm19b
Balances on one foot for more than 5 seconds
study
Ecuador
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

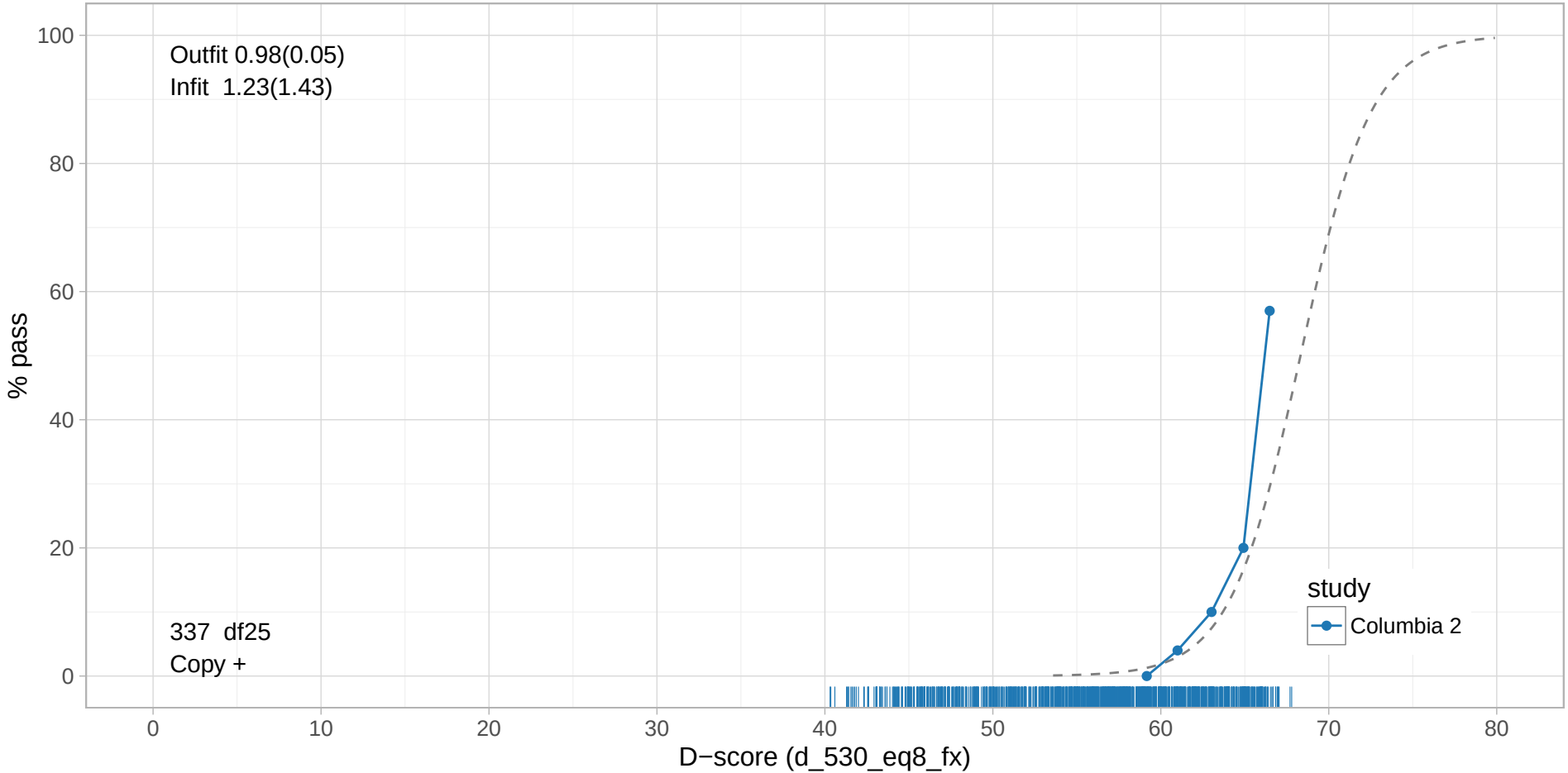

Outfit 1.09(0.38)
Infit 0.87(−1.31)
332 df13
Bang 2 Blocks
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

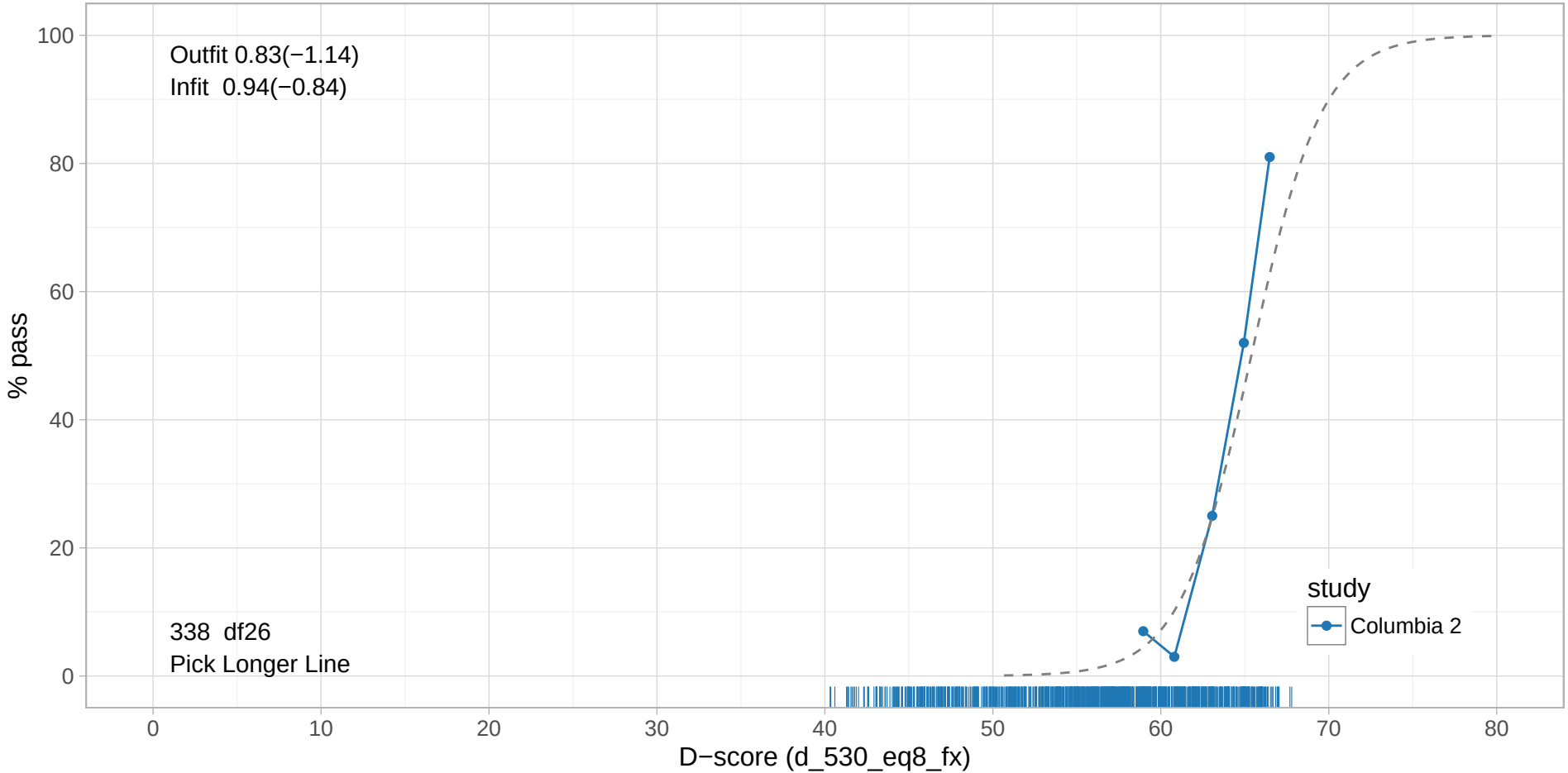

Outfit 0.91(−0.51)
Infit 0.96(−0.59)
333 df21
8 Blocks
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

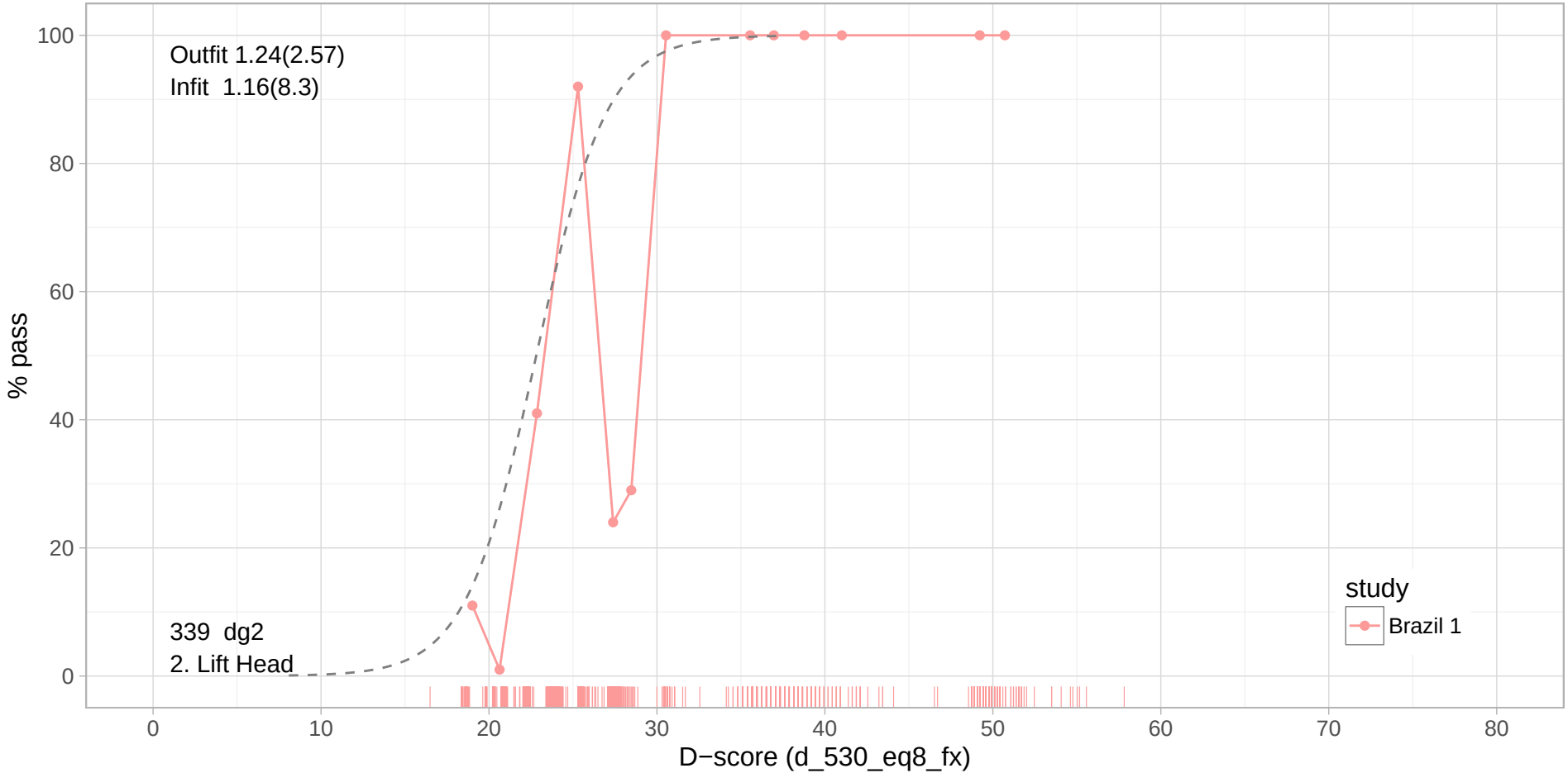

Outfit 0.79(−2.07)
Infit 0.91(−1.55)
334 df22
Wiggle Thumb
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

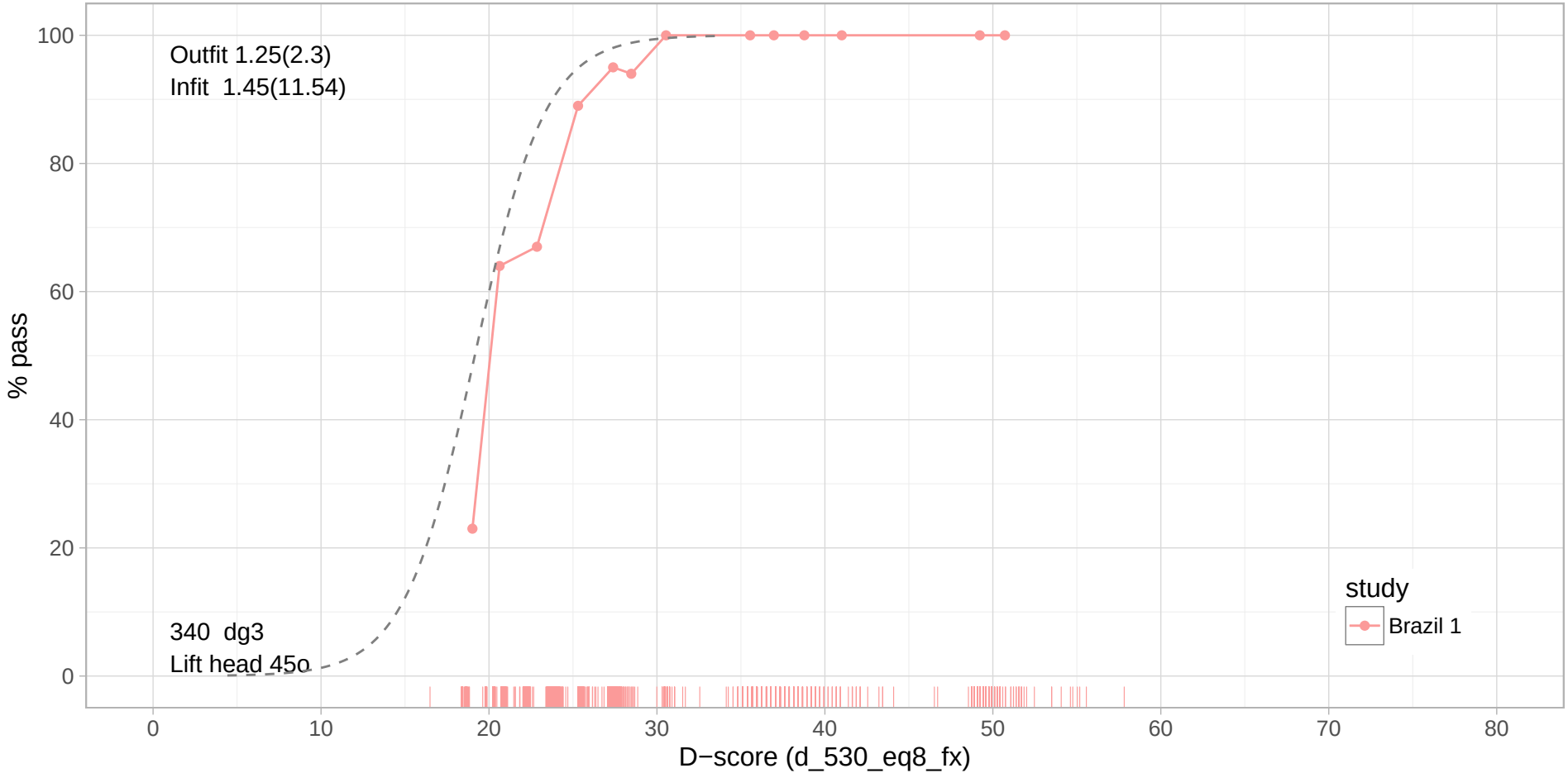

Outfit 0.86(−1.45)
Infit 0.97(−0.52)
335 df23
Copy a Circle
study
Columbia 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

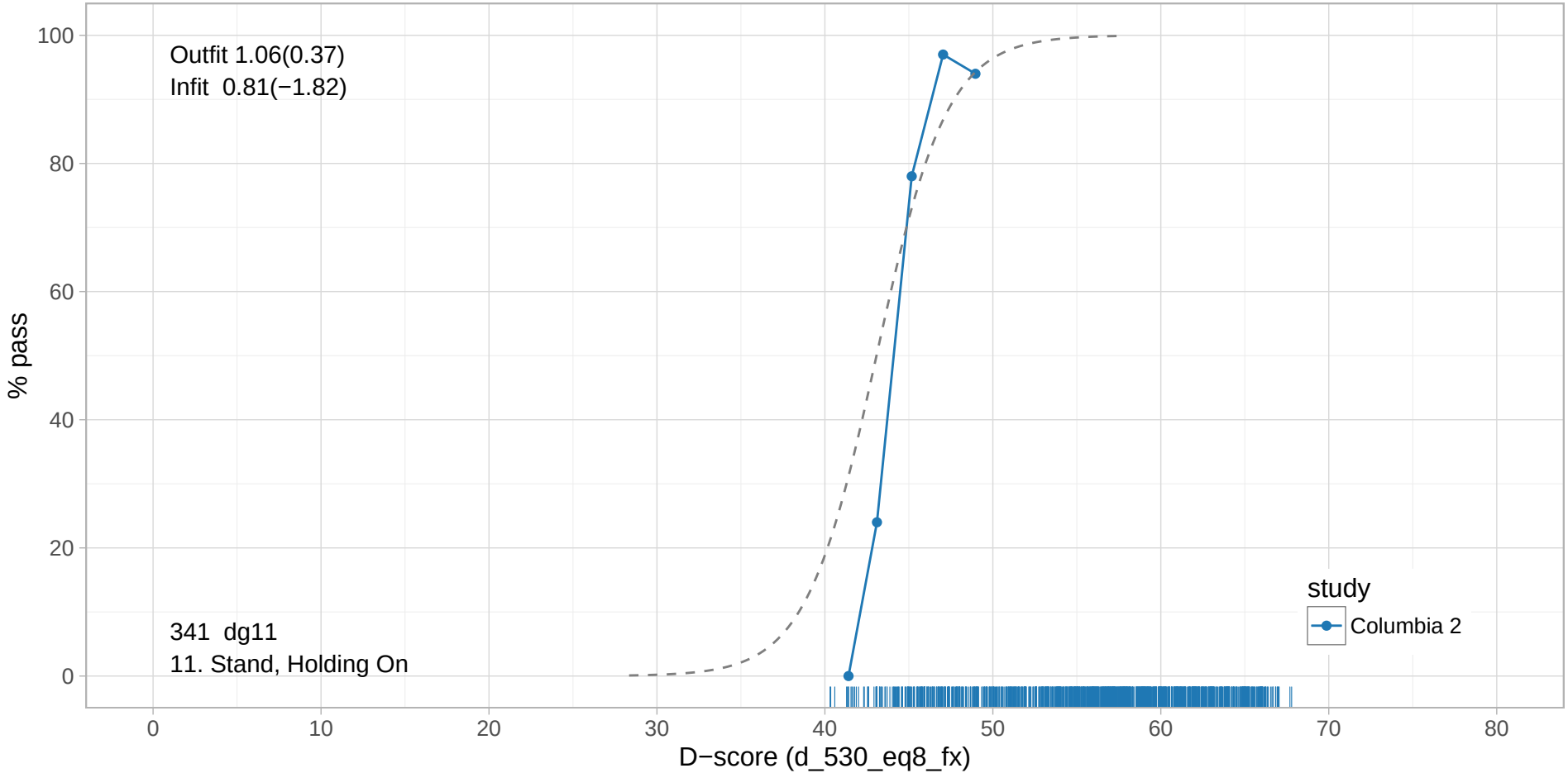

Outfit 0.72(−1.63)
Infit 0.86(−2.04)
336 df24
Draws 3 or more body parts
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

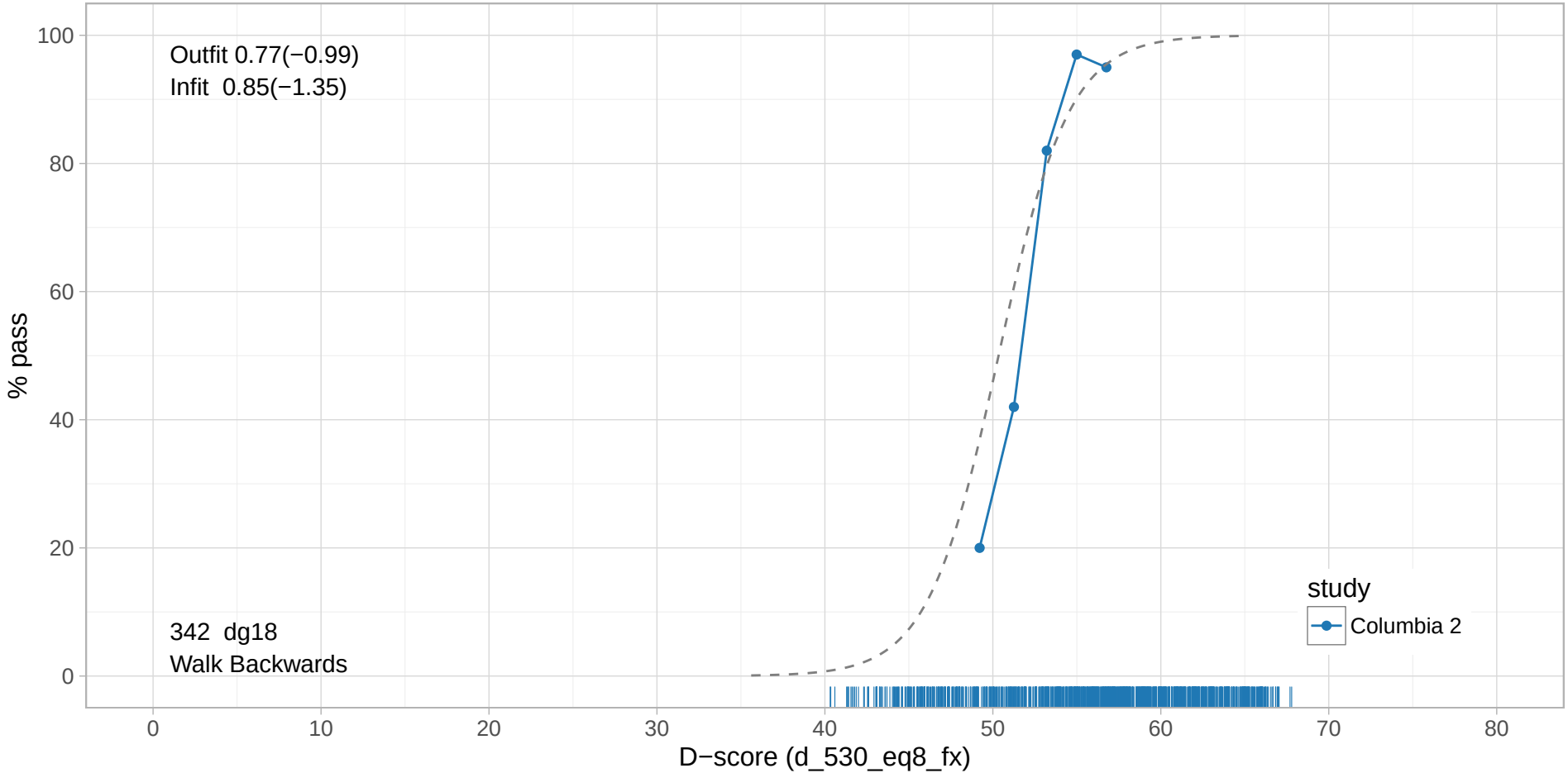

Outfit 0.98(0.05)
Infit 1.23(1.43)
337 df25
Copy +
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

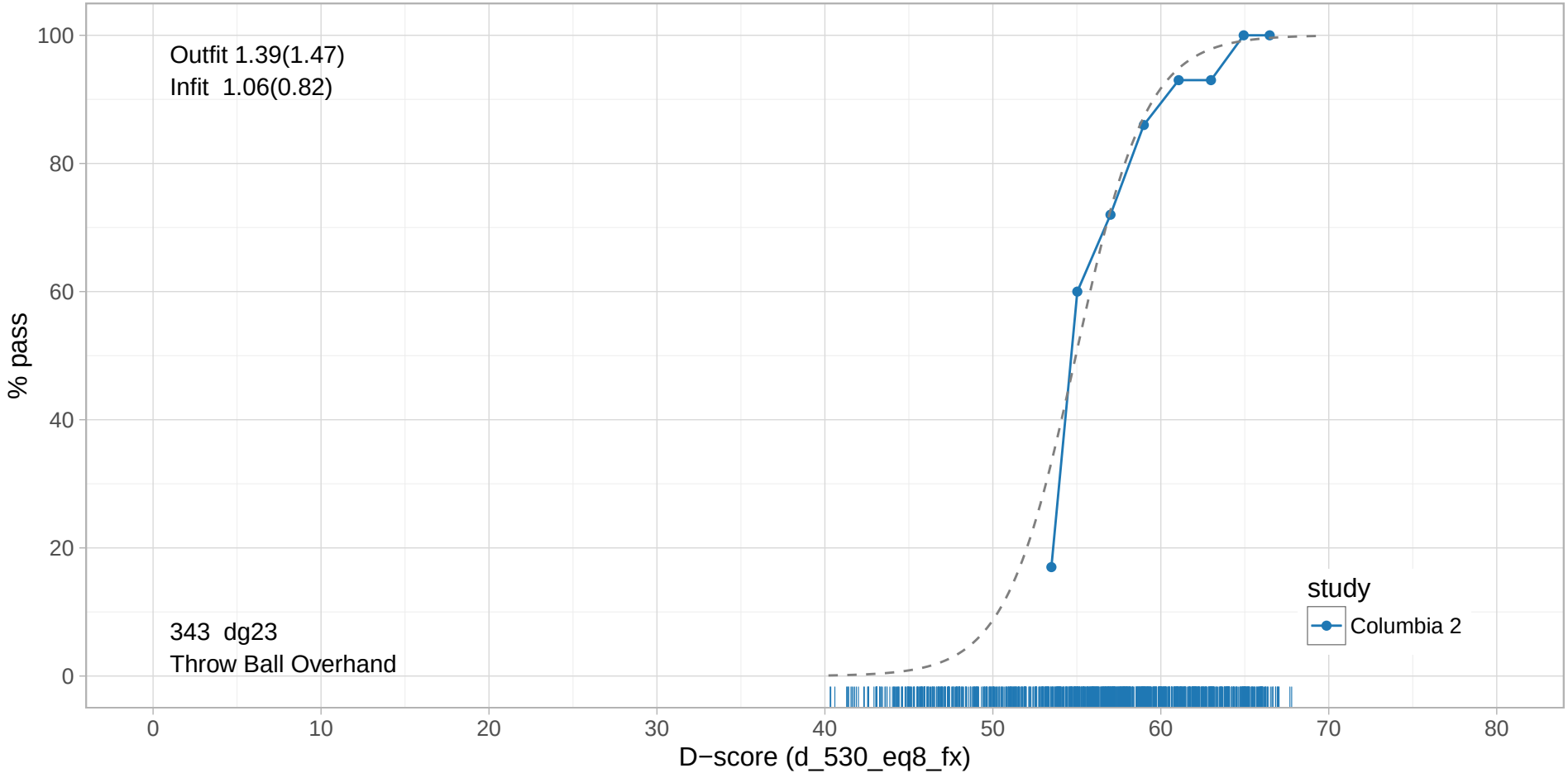

Outfit 0.83(−1.14)
Infit 0.94(−0.84)
338 df26
Pick Longer Line
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

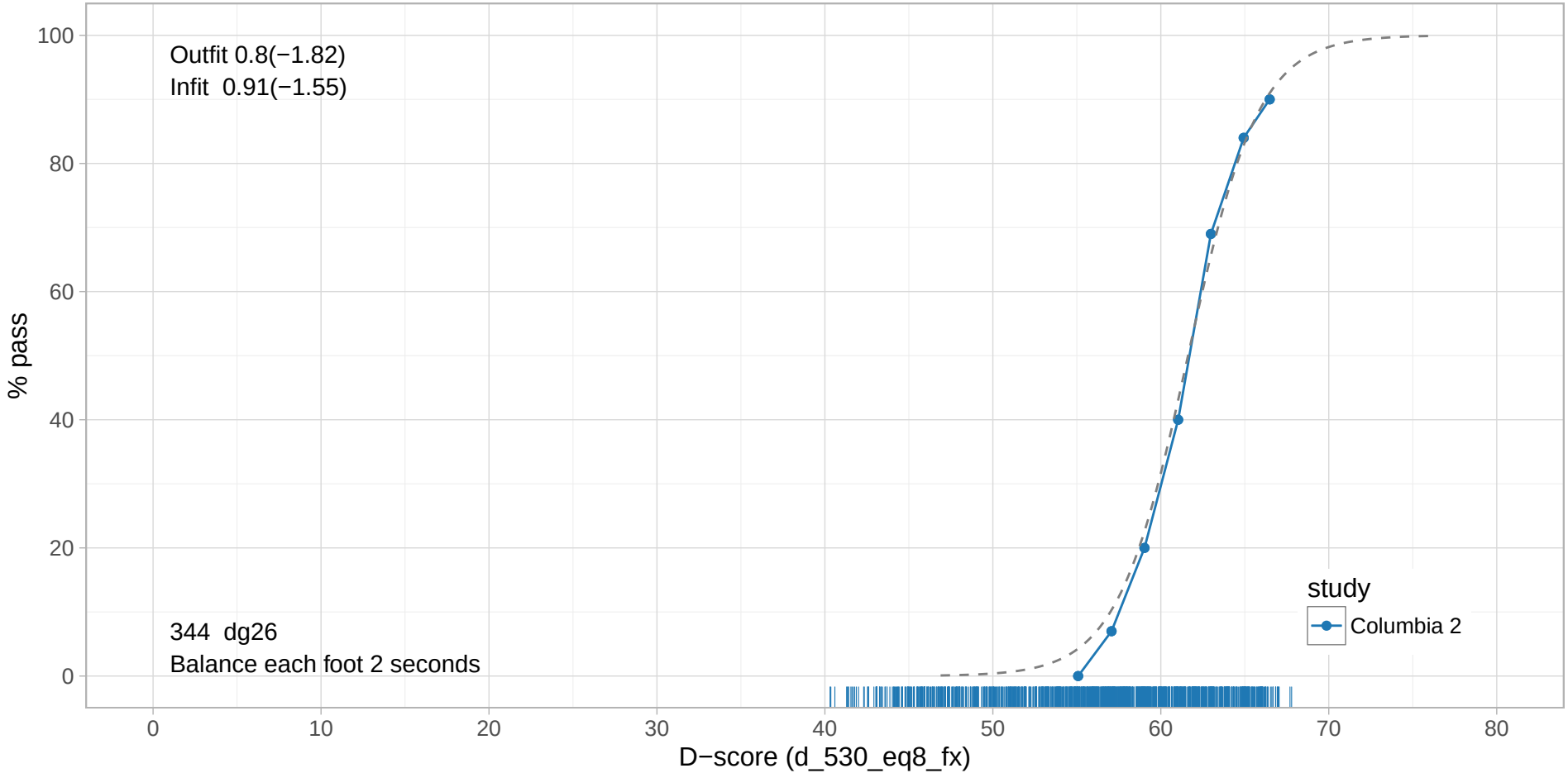

Outfit 1.24(2.57)
Infit 1.16(8.3)
339 dg2
2. Lift Head
% pass
D−score (d_530_eq8_fx)
study
Brazil 1
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

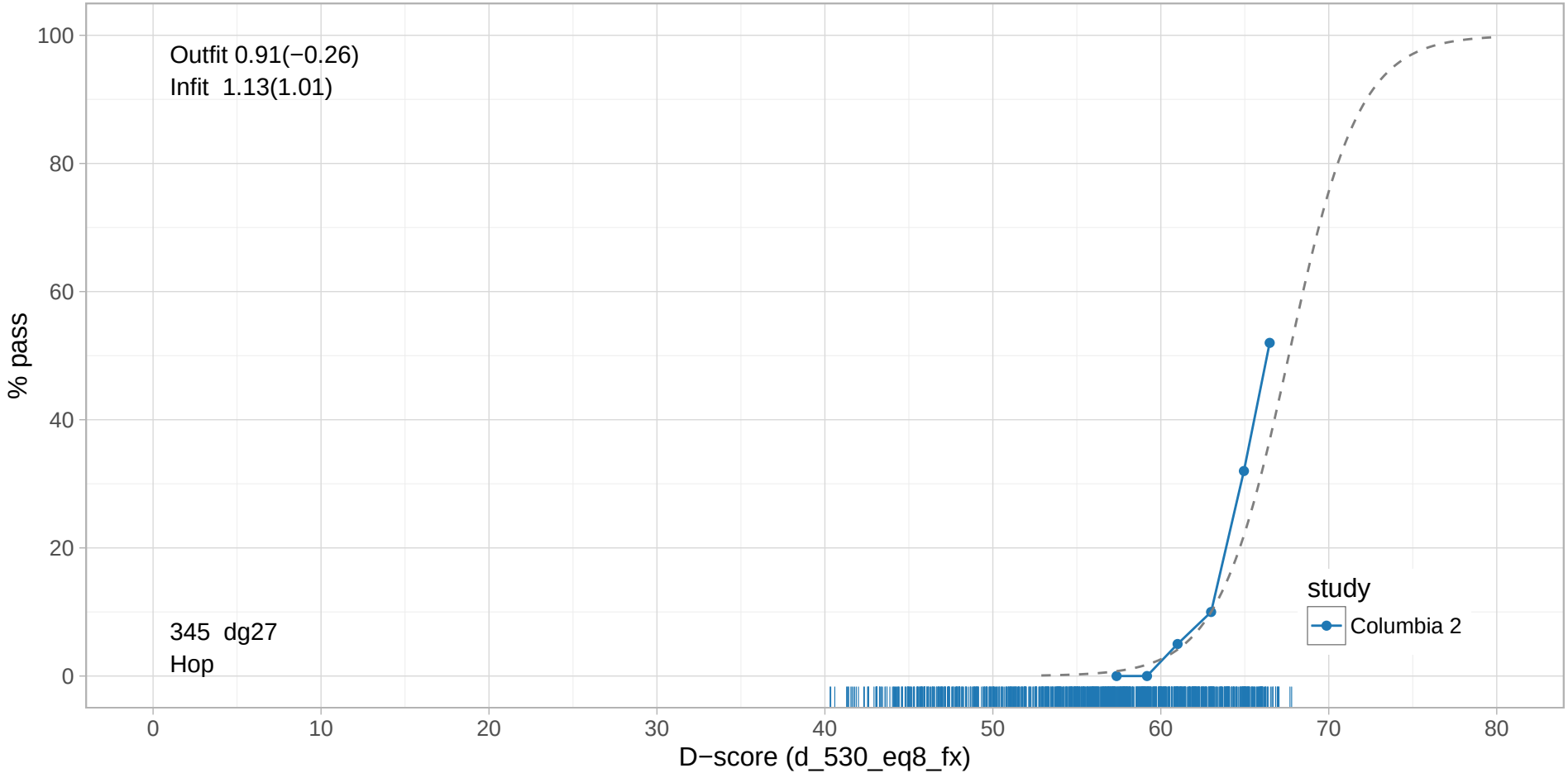

Outfit 1.25(2.3)
Infit 1.45(11.54)
340 dg3
Lift head 45o
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Brazil 1

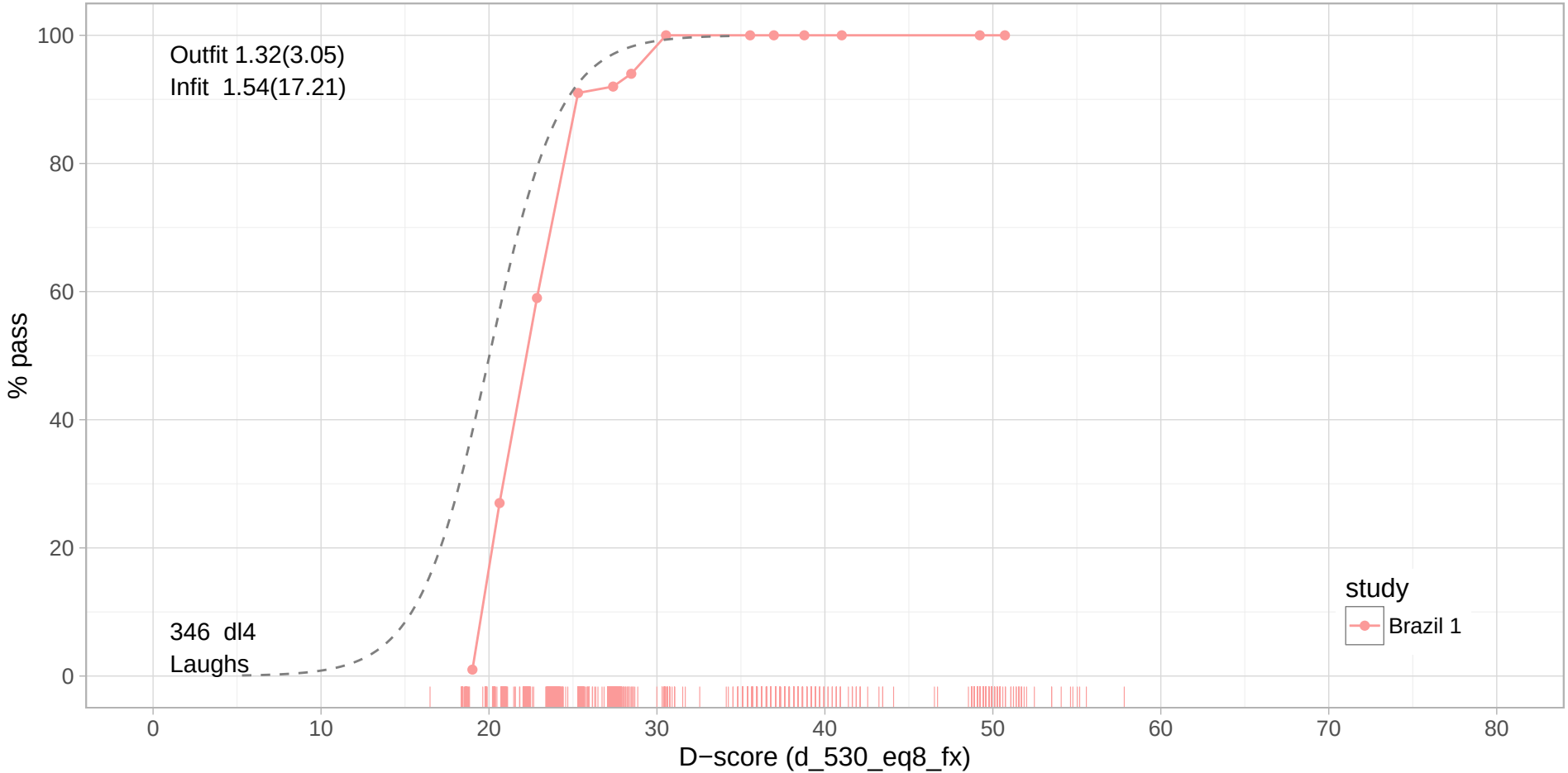

Outfit 1.06(0.37)
Infit 0.81(−1.82)
341 dg11
11. Stand, Holding On
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

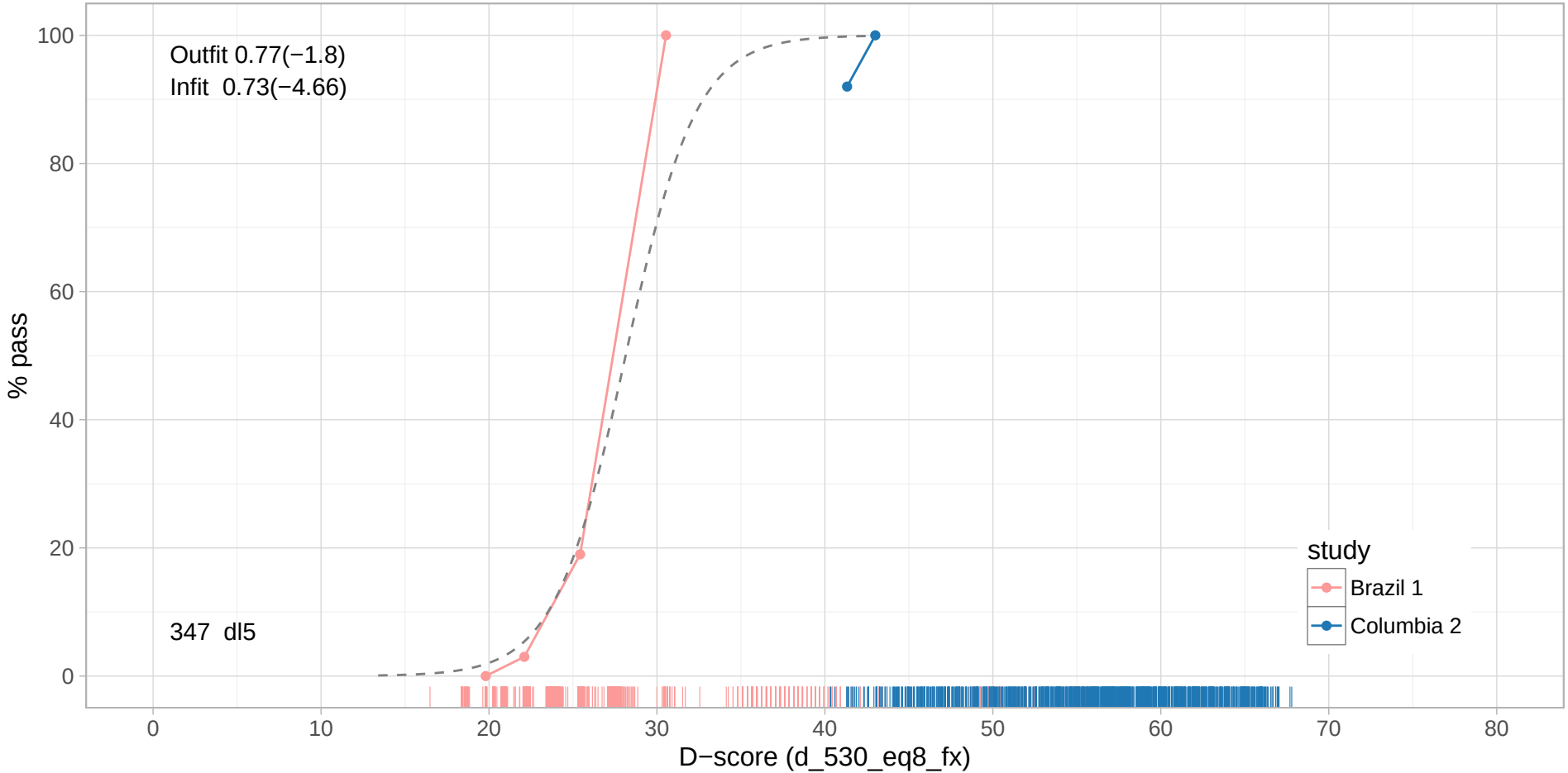

Outfit 0.77(−0.99)
Infit 0.85(−1.35)
342 dg18
Walk Backwards
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

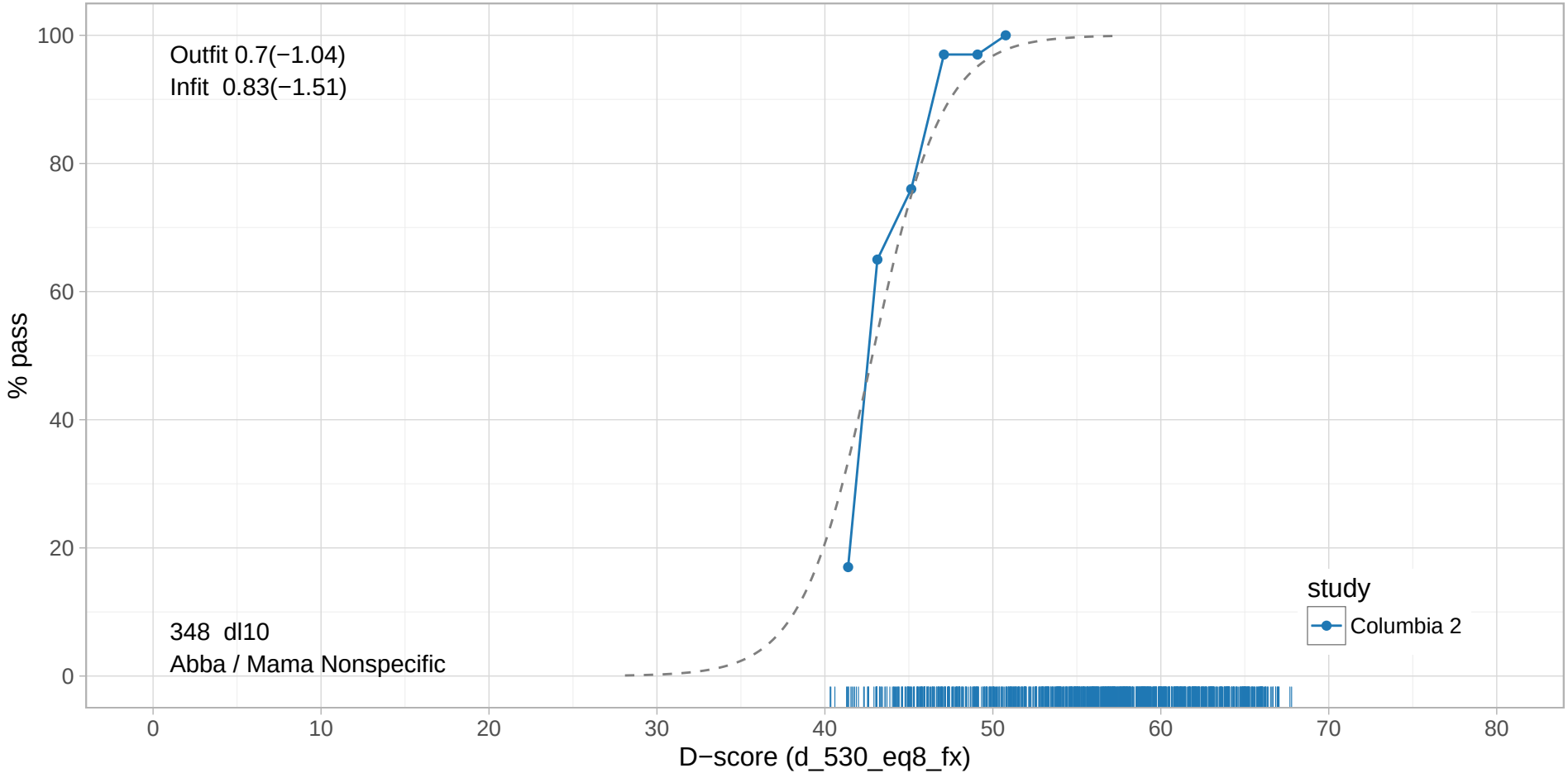

Outfit 1.39(1.47)
Infit 1.06(0.82)
343 dg23
Throw Ball Overhand
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

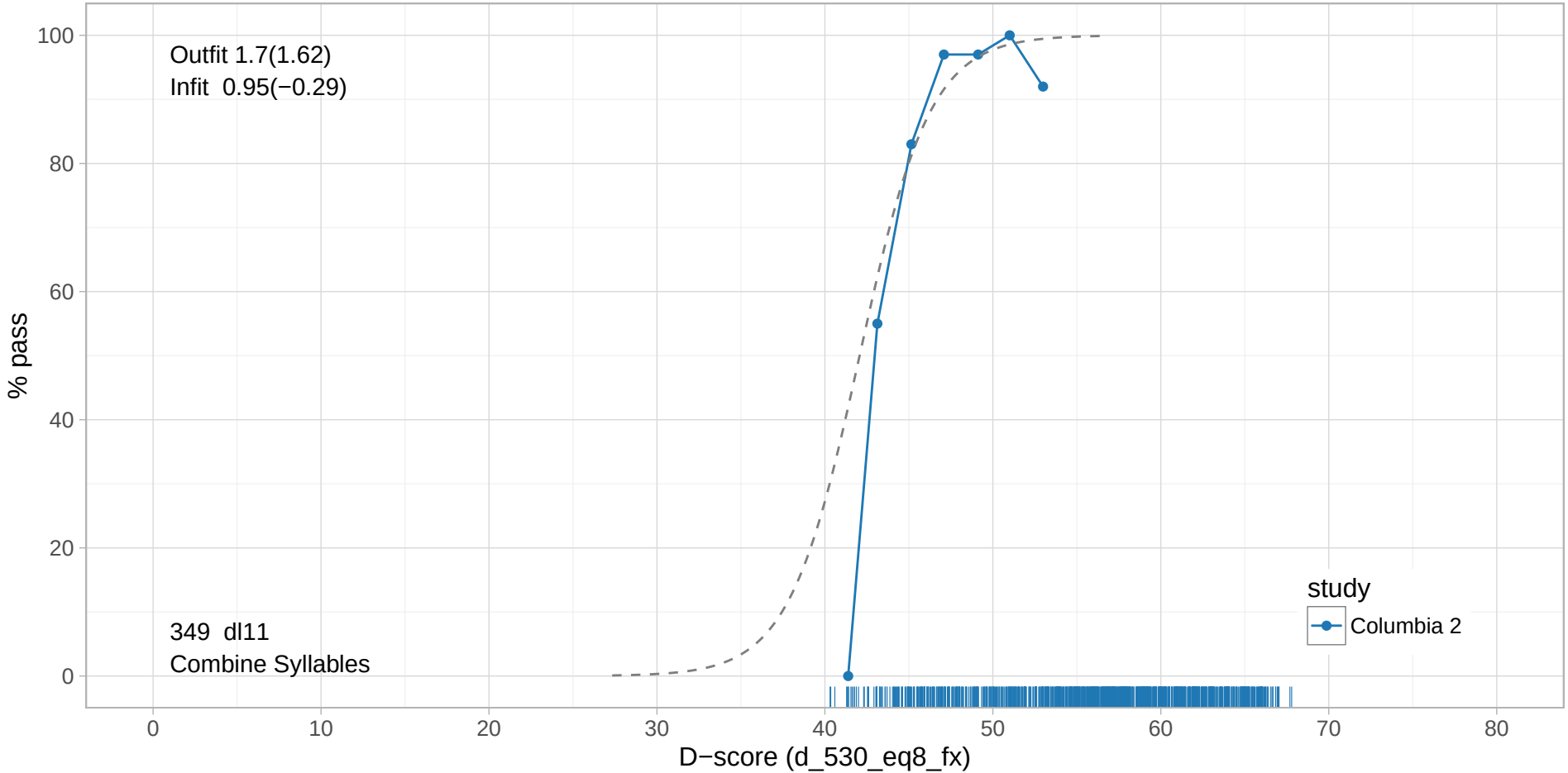

Outfit 0.8(−1.82)
Infit 0.91(−1.55)
344 dg26
Balance each foot 2 seconds
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

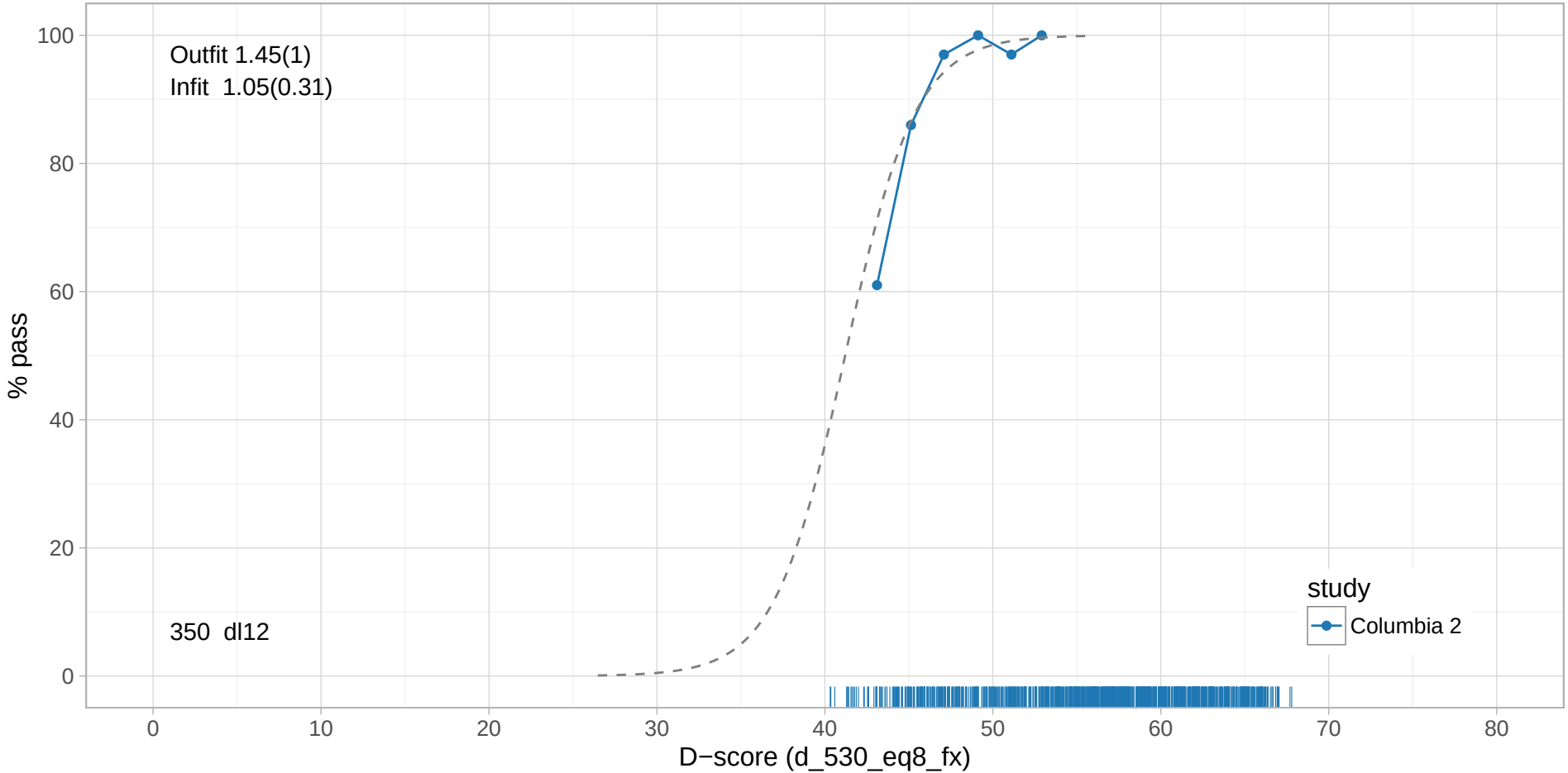

Outfit 0.91(−0.26)
Infit 1.13(1.01)
345 dg27
Hop
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

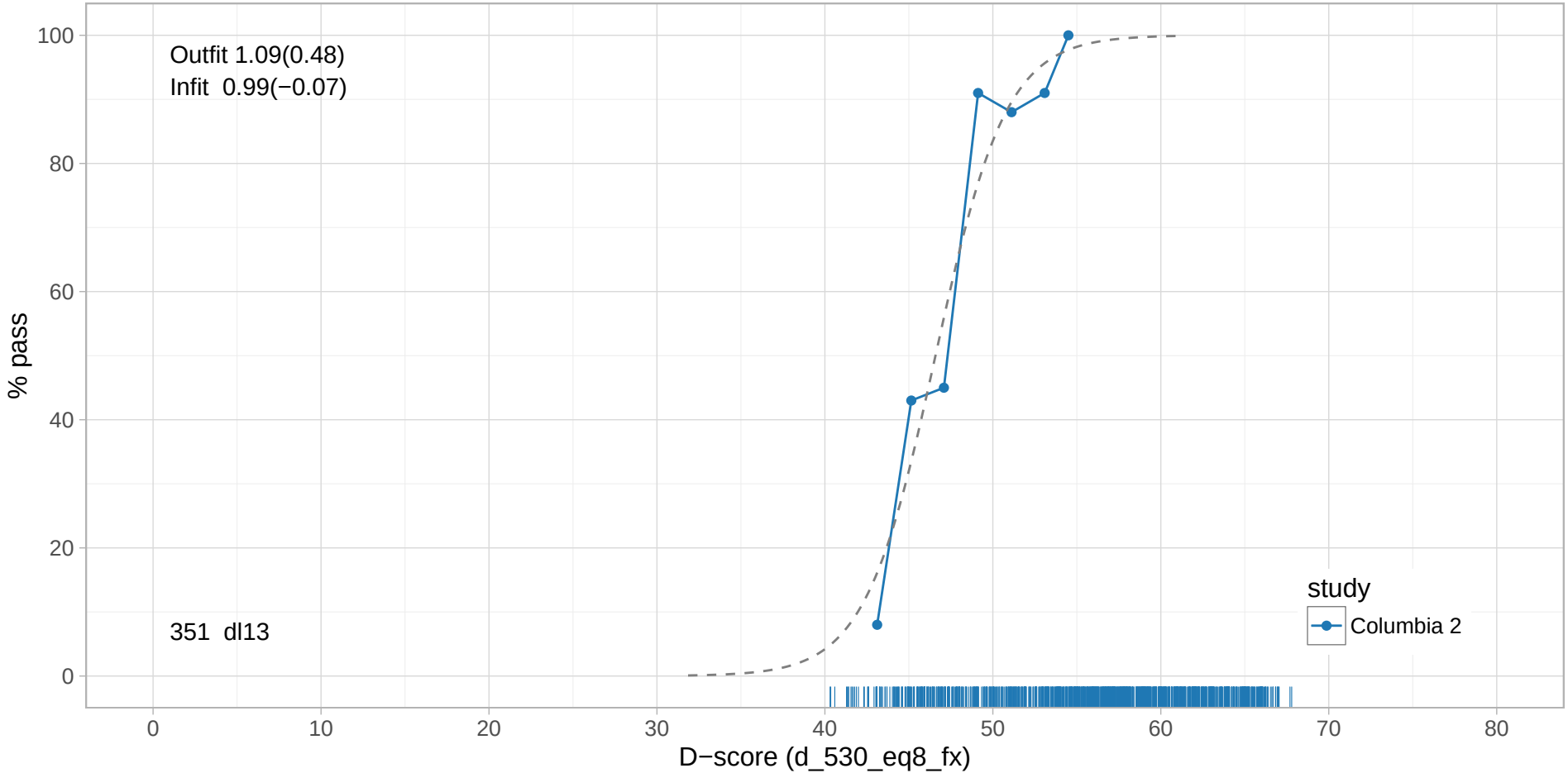

Outfit 1.32(3.05)
Infit 1.54(17.21)
346 dl4
Laughs
study
Brazil 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

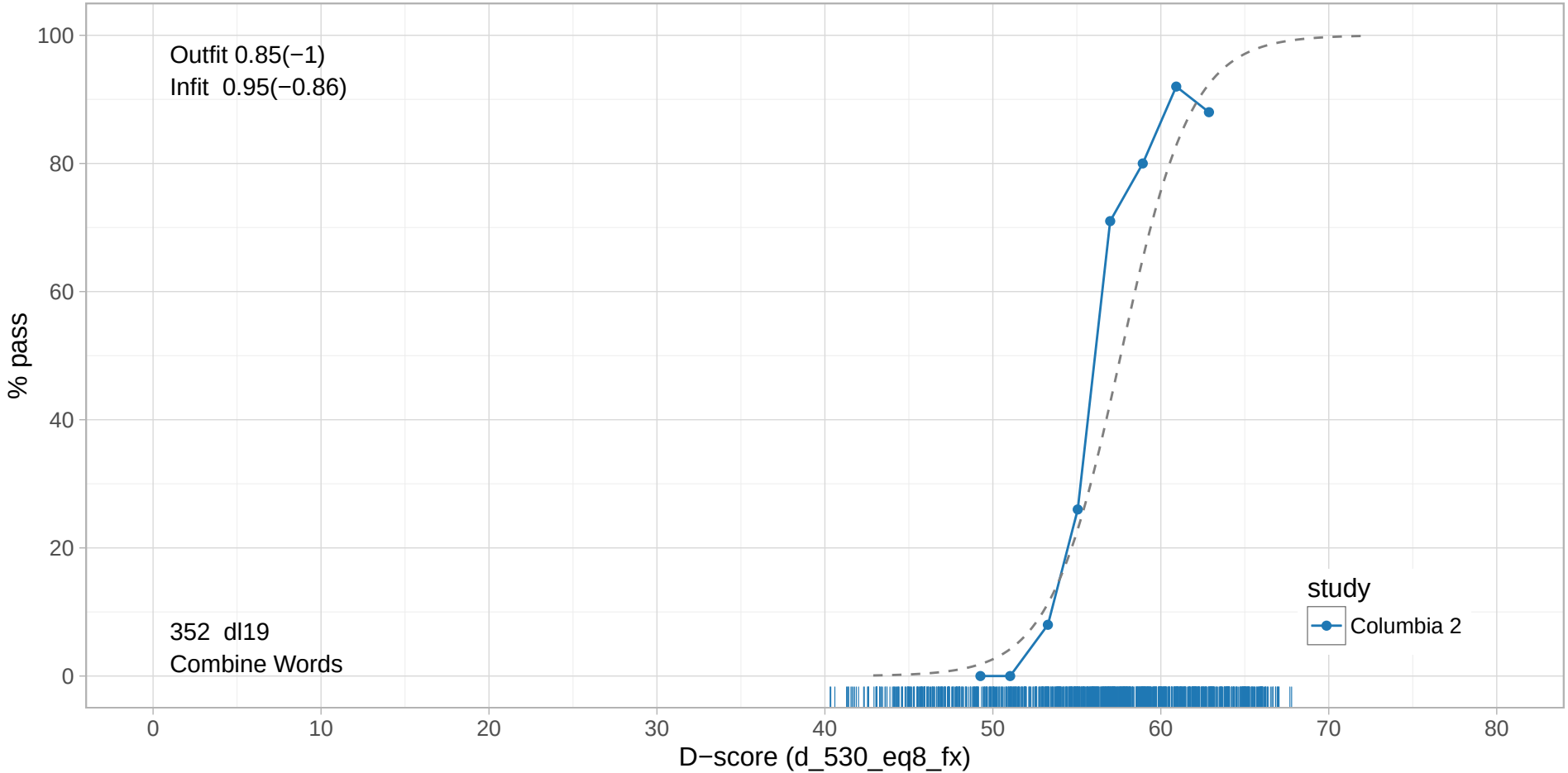

Outfit 0.77(−1.8)
Infit 0.73(−4.66)
347 dl5
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Brazil 1
Columbia 2

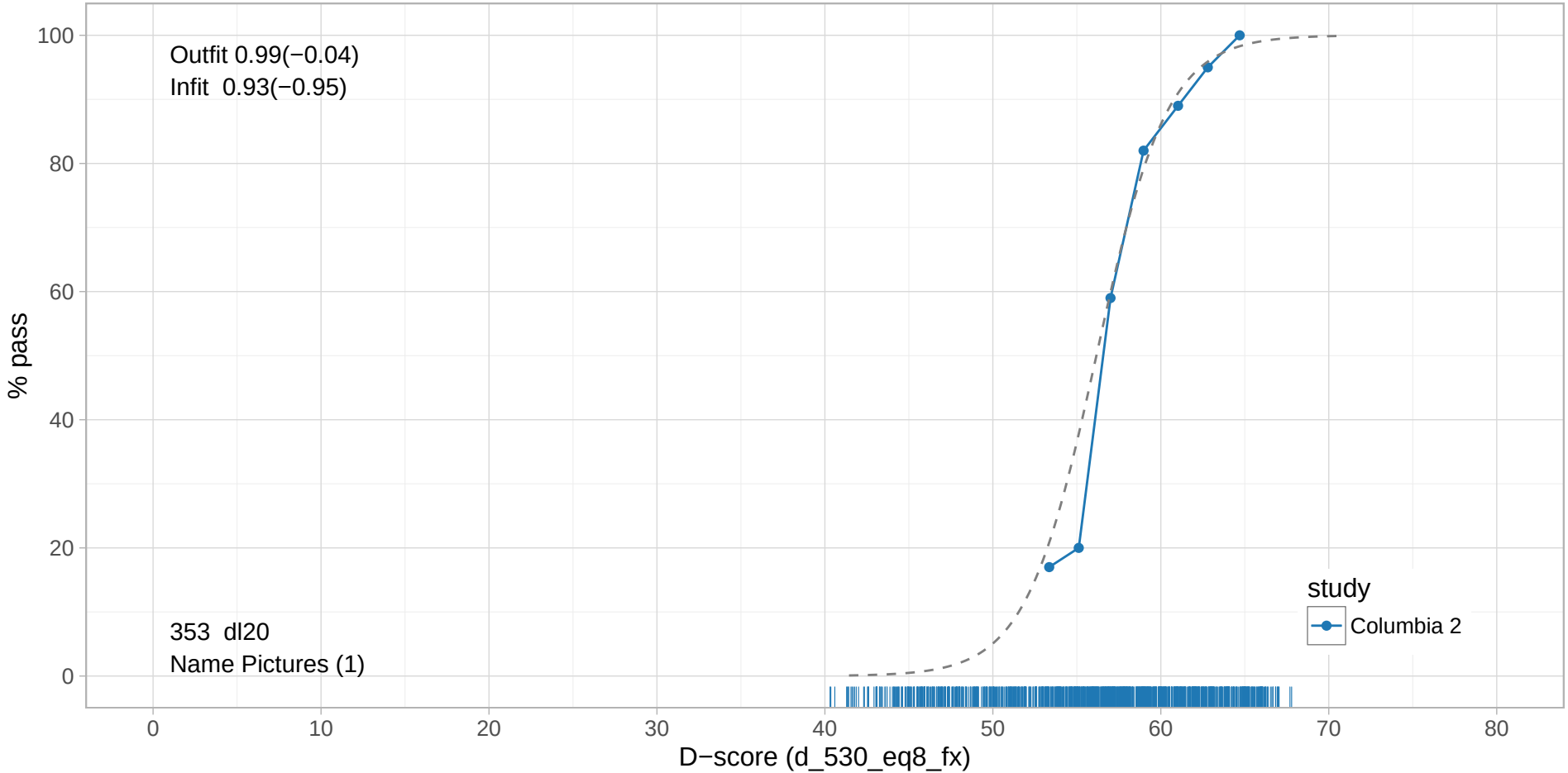

Outfit 0.7(−1.04)
Infit 0.83(−1.51)
348 dl10
Abba / Mama Nonspecific
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

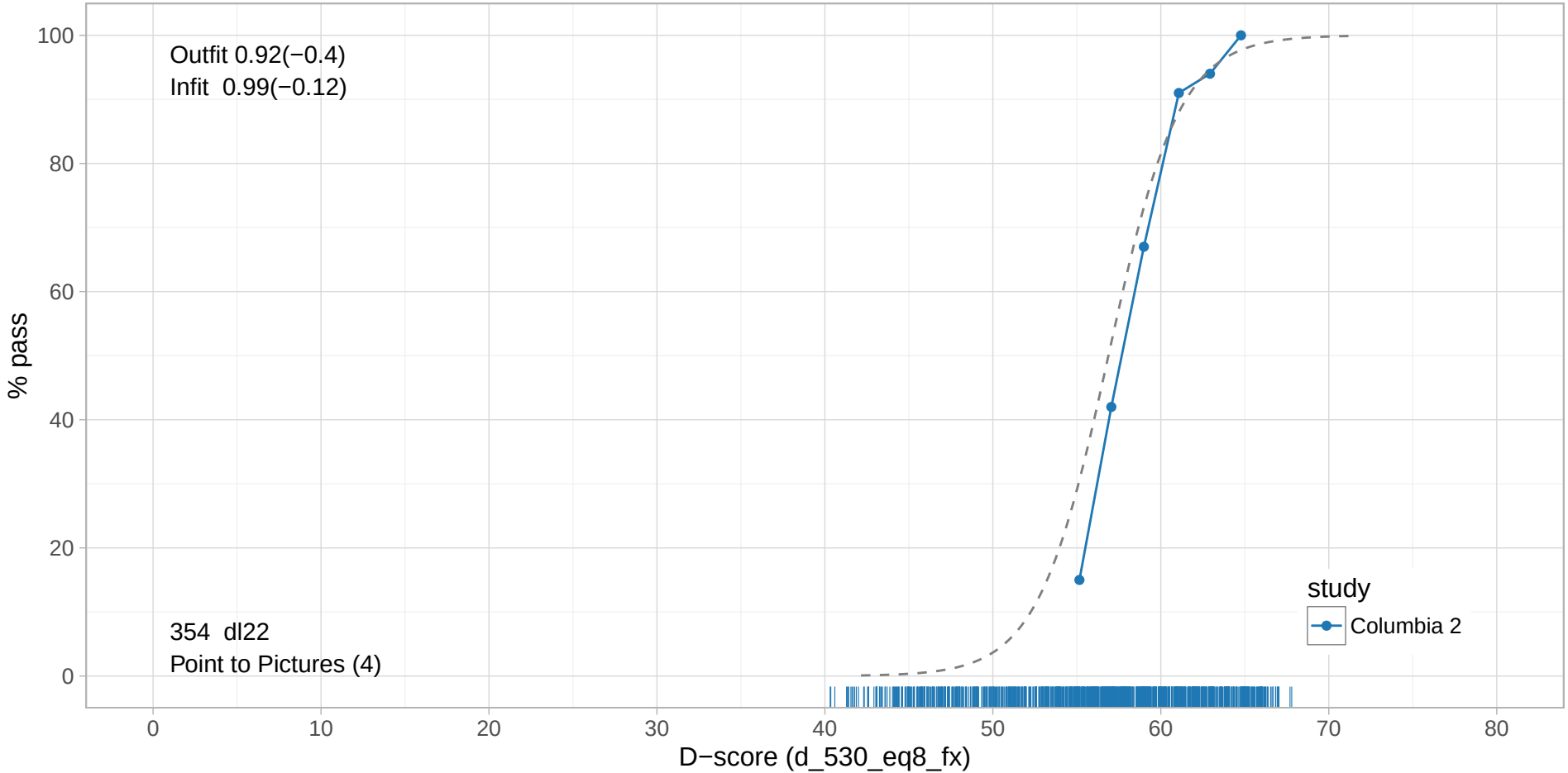

Outfit 1.7(1.62)
Infit 0.95(−0.29)
349 dl11
Combine Syllables
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

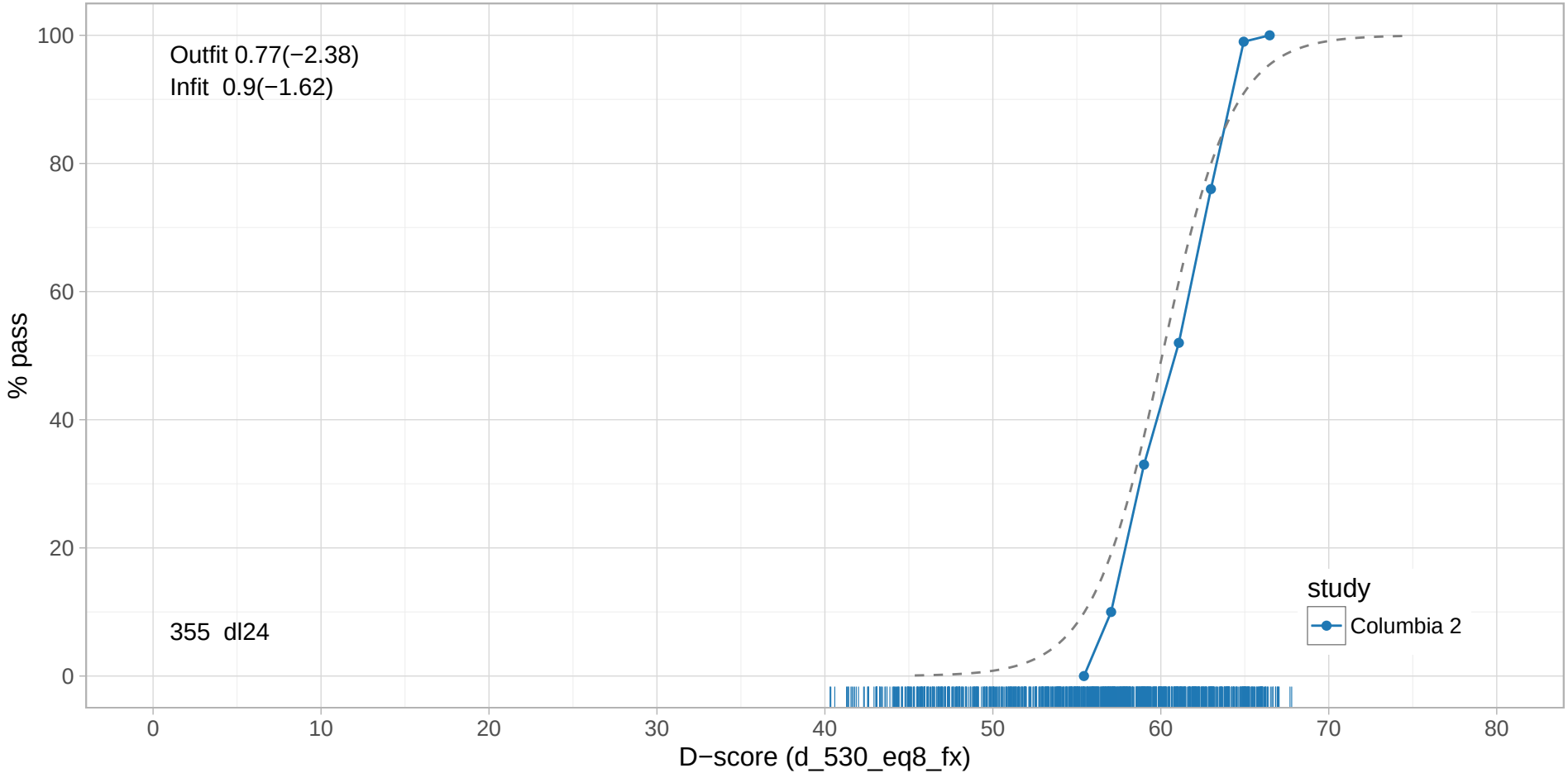

Outfit 1.45(1)
Infit 1.05(0.31)
350 dl12
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

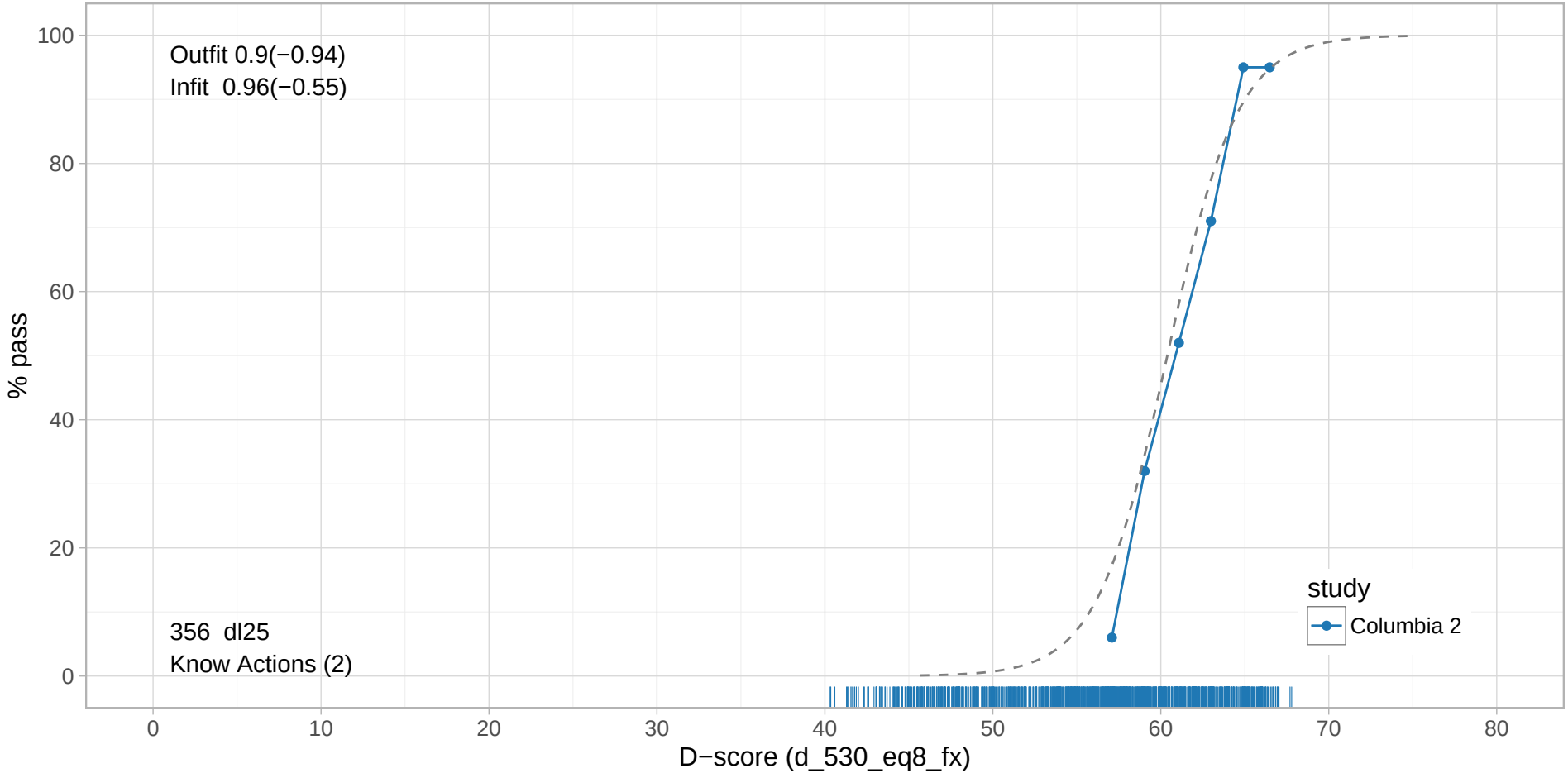

Outfit 1.09(0.48)
Infit 0.99(−0.07)
351 dl13
study
Columbia 2
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

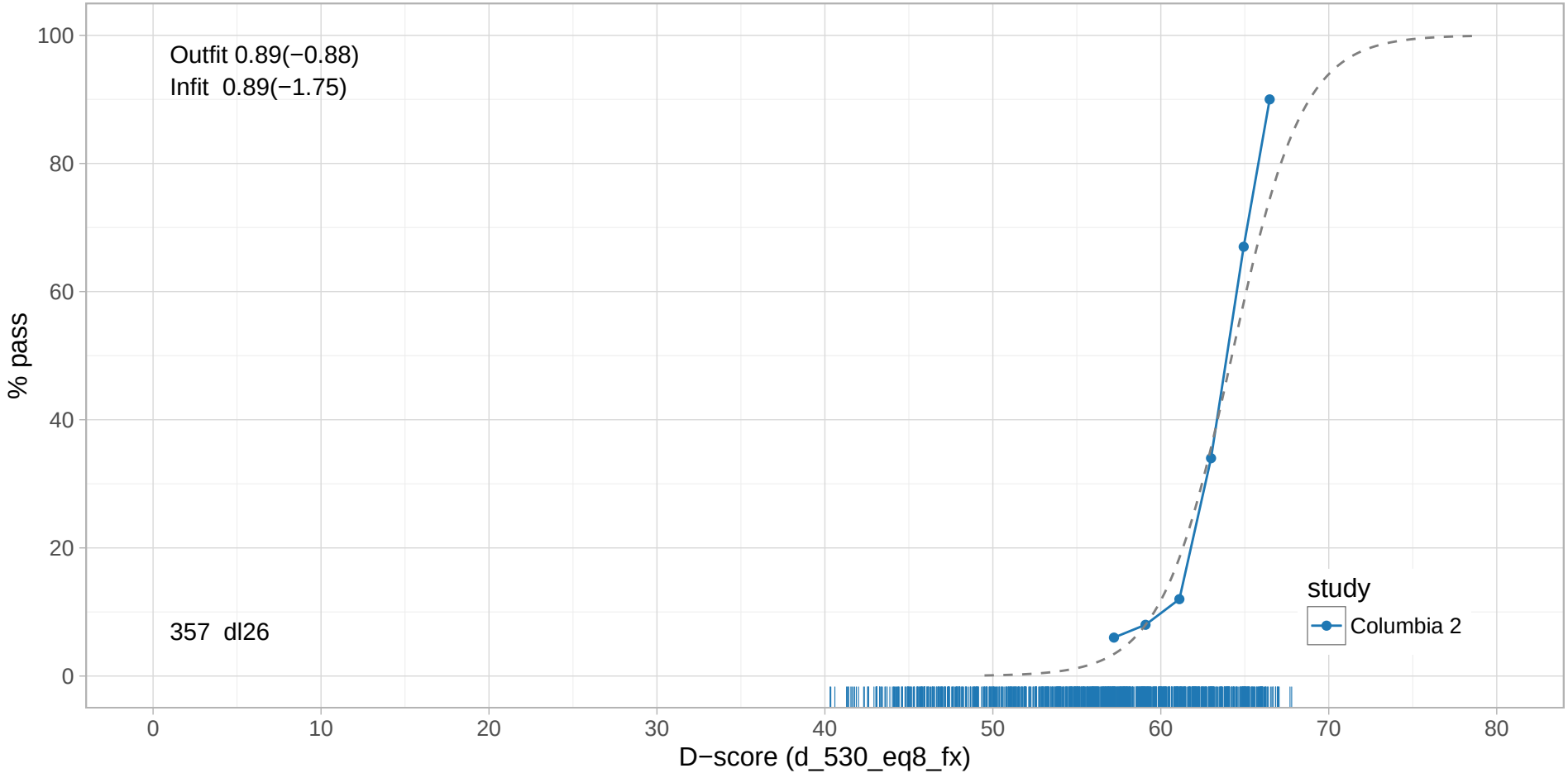

Outfit 0.85(−1)
Infit 0.95(−0.86)
352 dl19
Combine Words
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

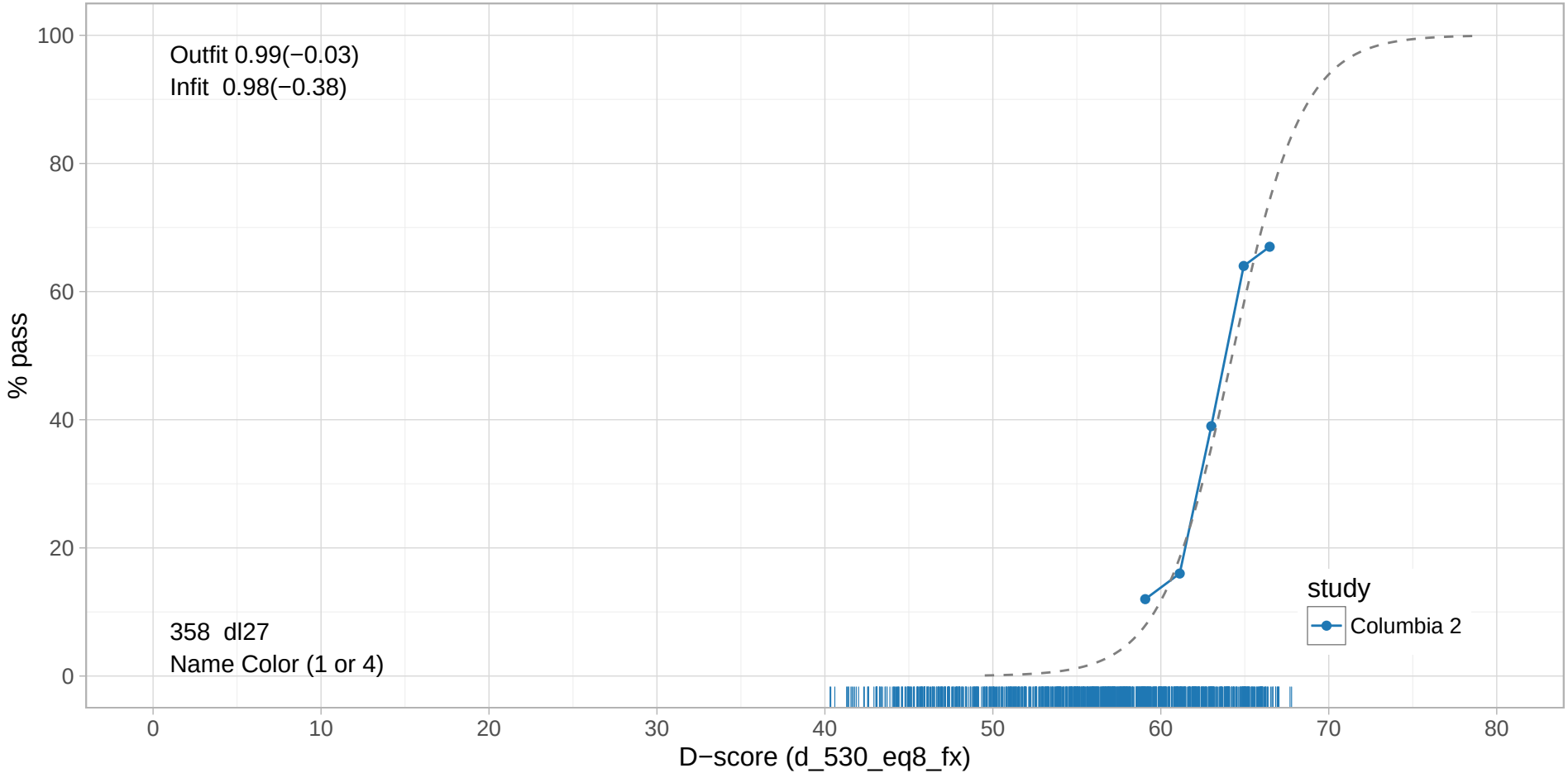

Outfit 0.99(−0.04)
Infit 0.93(−0.95)
353 dl20
Name Pictures (1)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

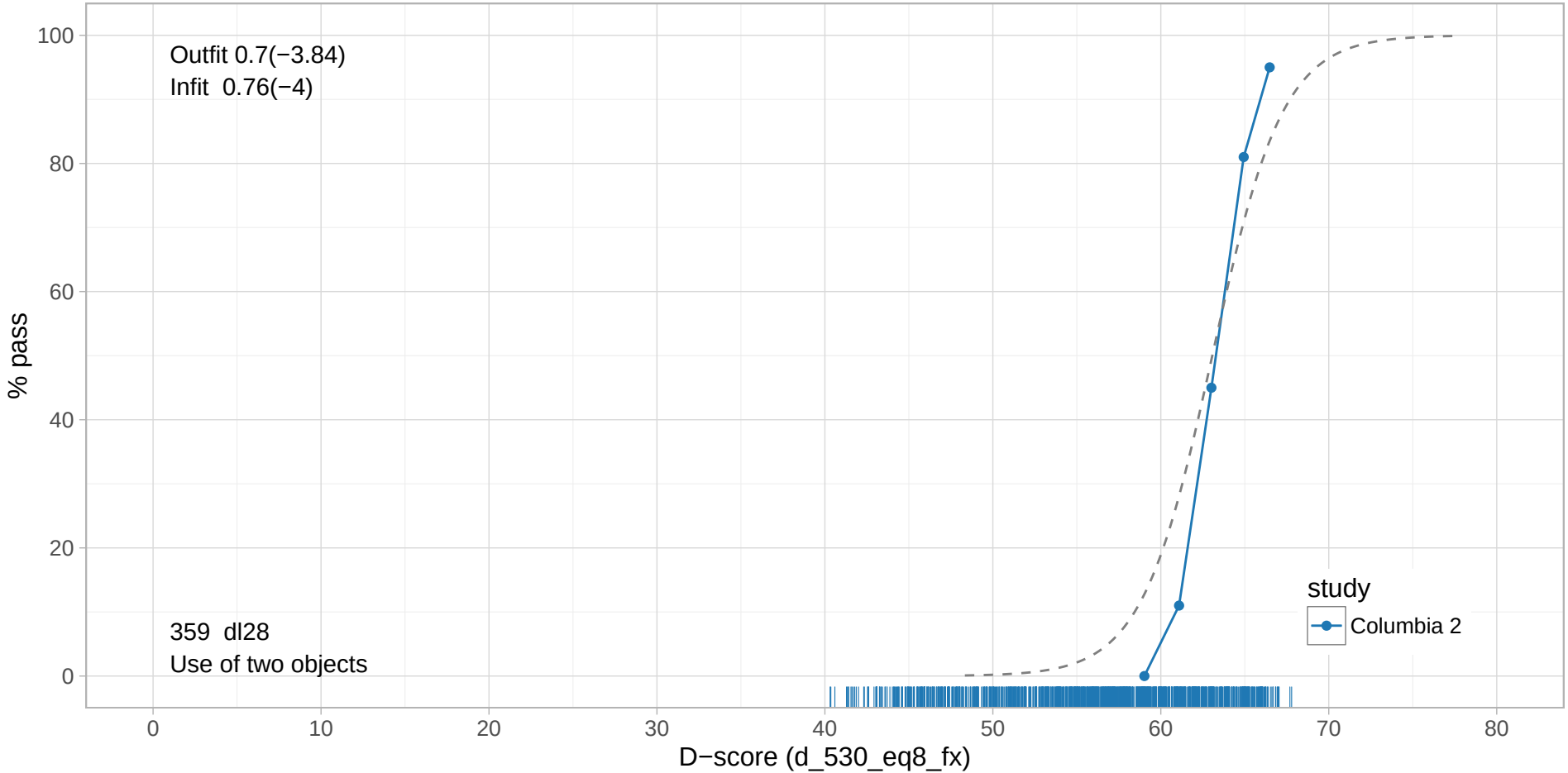

Outfit 0.92(−0.4)
Infit 0.99(−0.12)
354 dl22
Point to Pictures (4)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

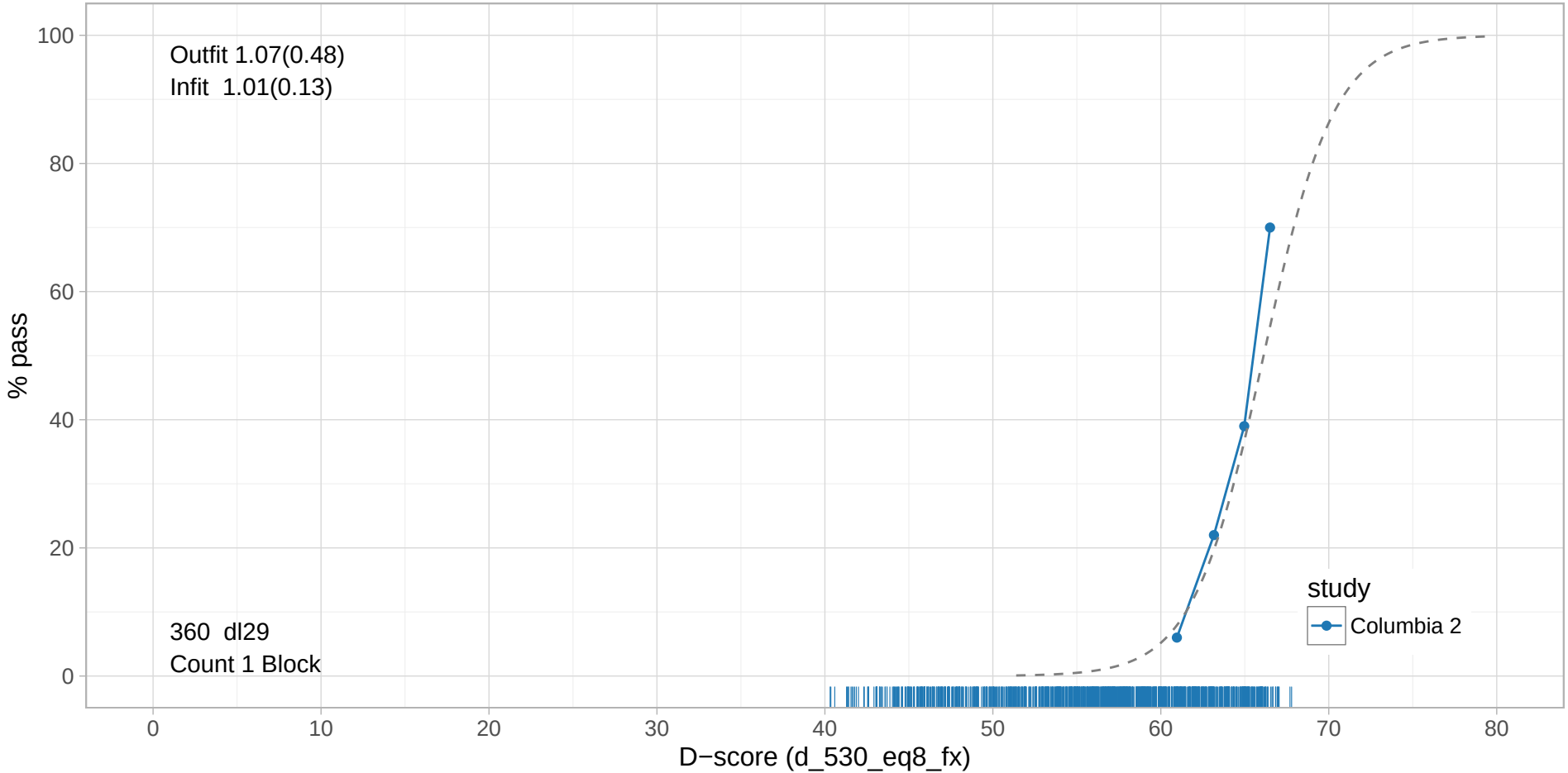

Outfit 0.77(−2.38)
Infit 0.9(−1.62)
355 dl24
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

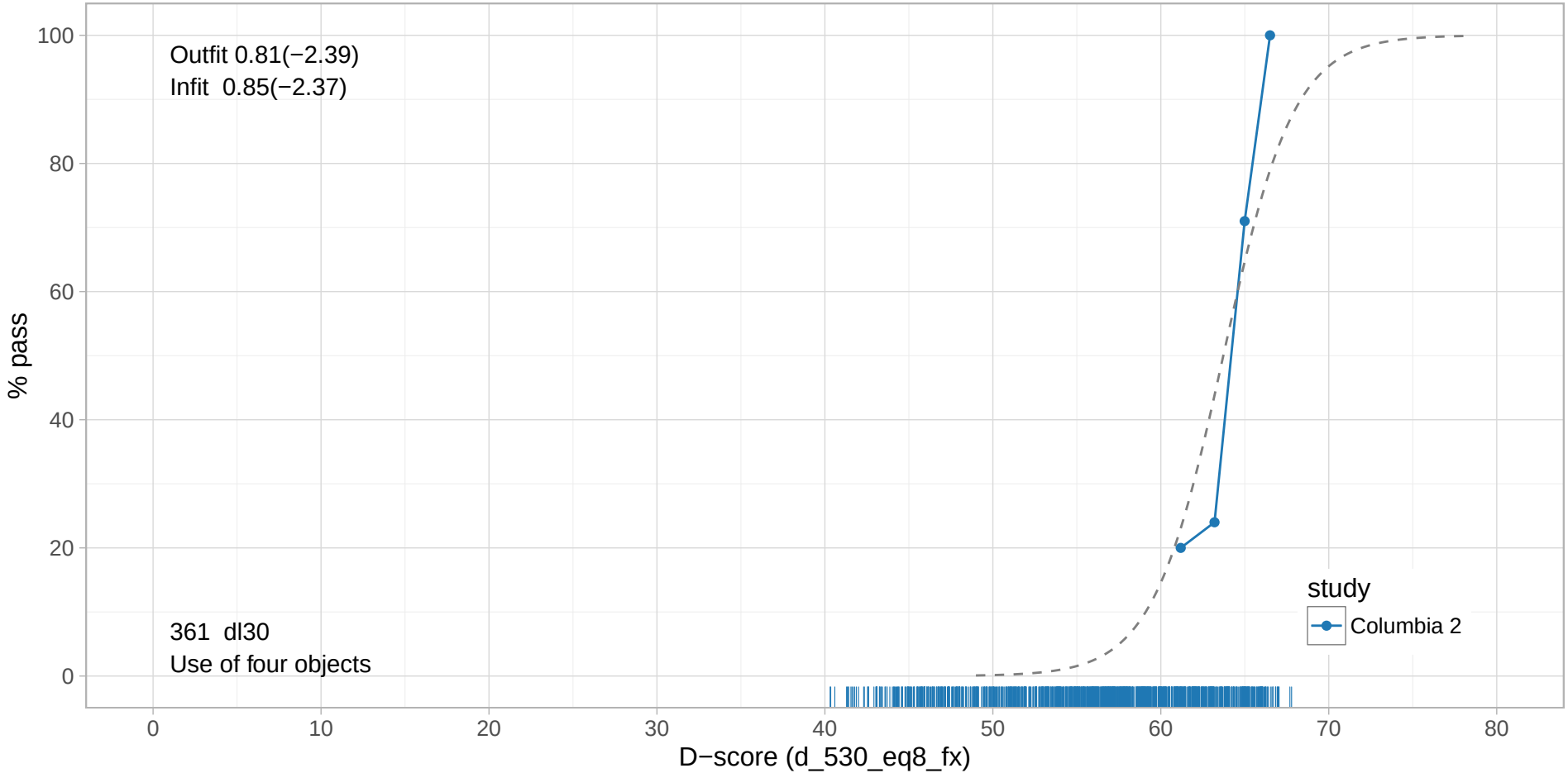

Outfit 0.9(−0.94)
Infit 0.96(−0.55)
356 dl25
Know Actions (2)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

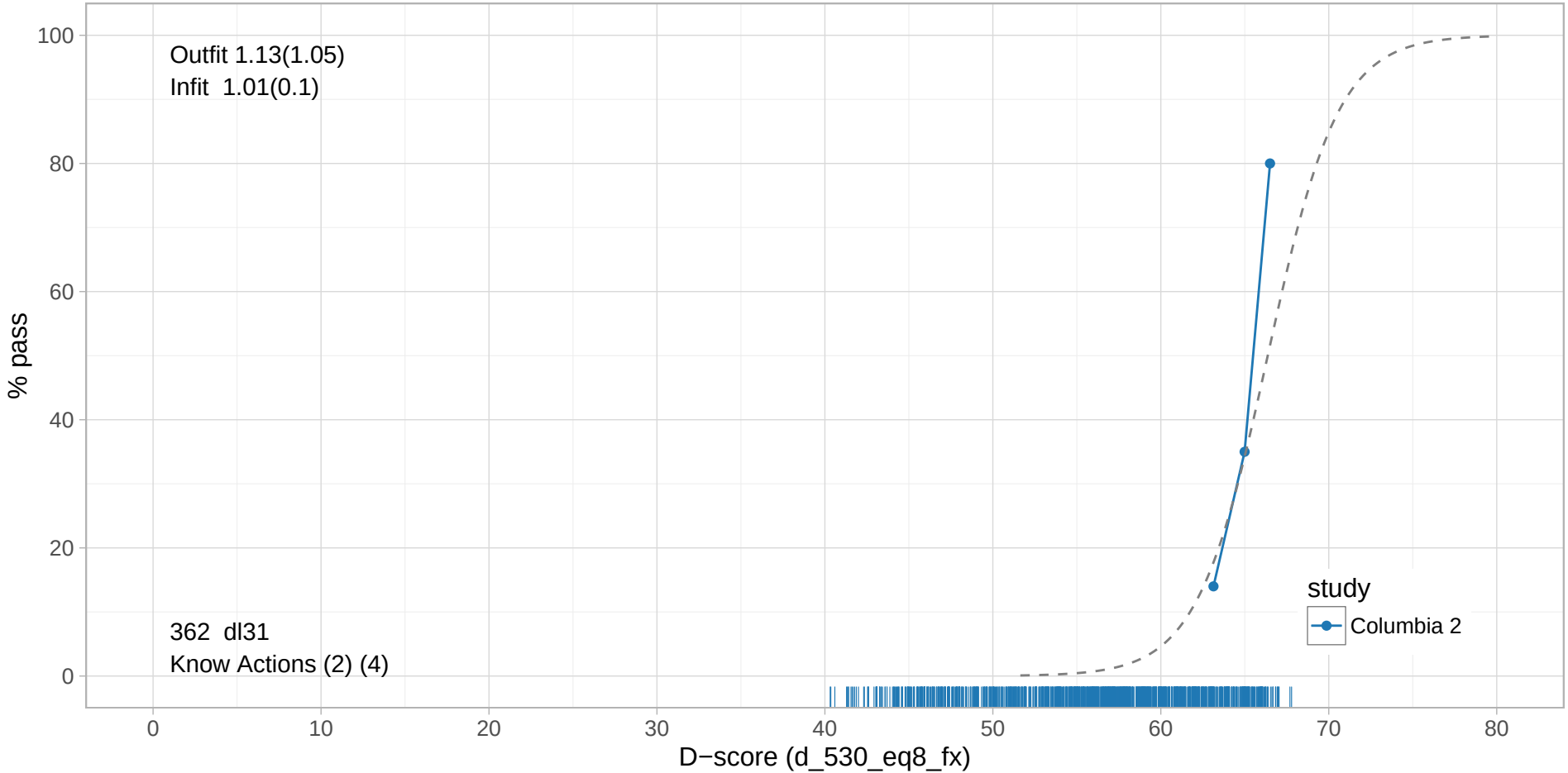

Outfit 0.89(−0.88)
Infit 0.89(−1.75)
357 dl26
study
Columbia 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

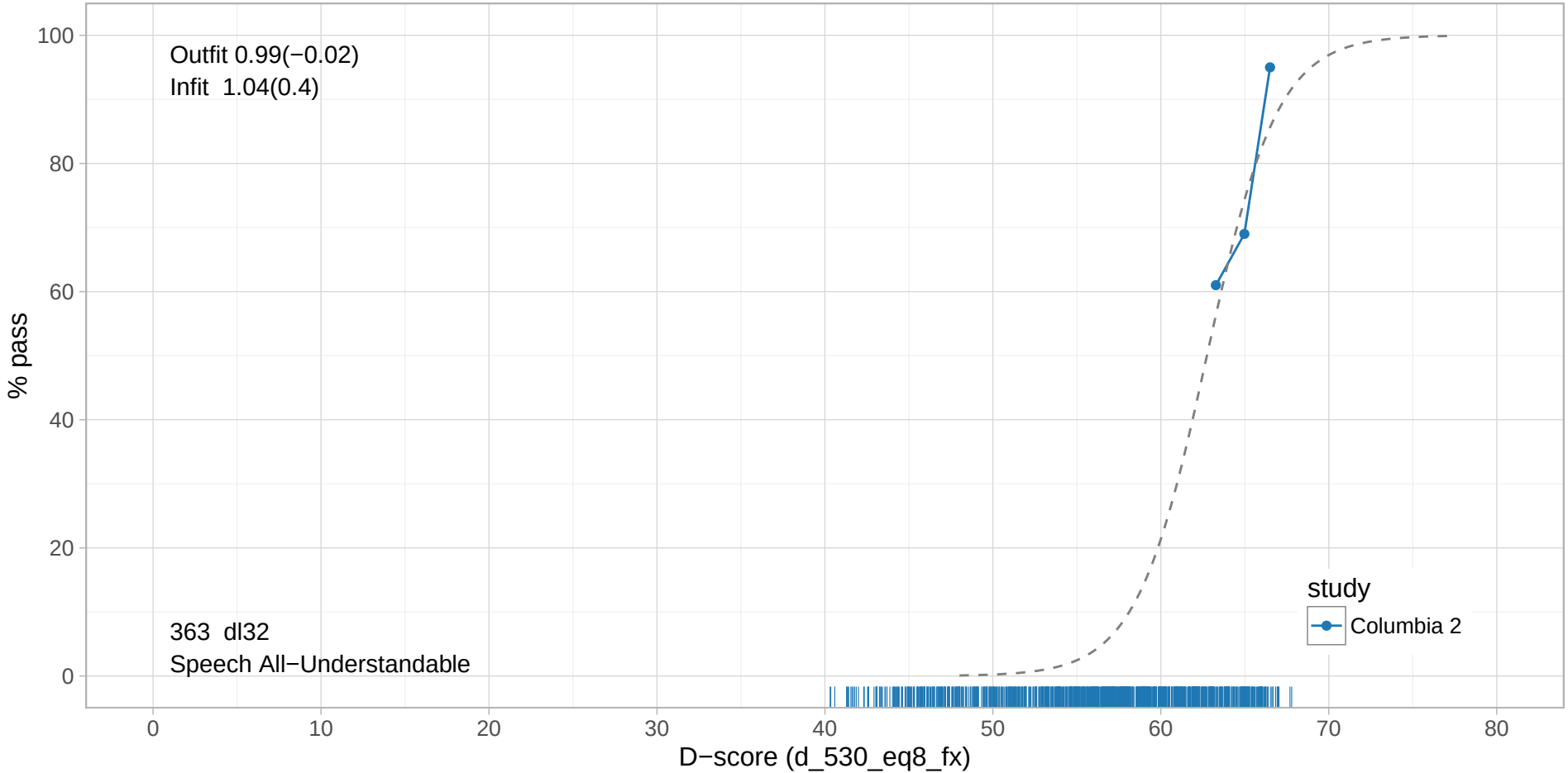

Outfit 0.99(−0.03)
Infit 0.98(−0.38)
358 dl27
Name Color (1 or 4)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

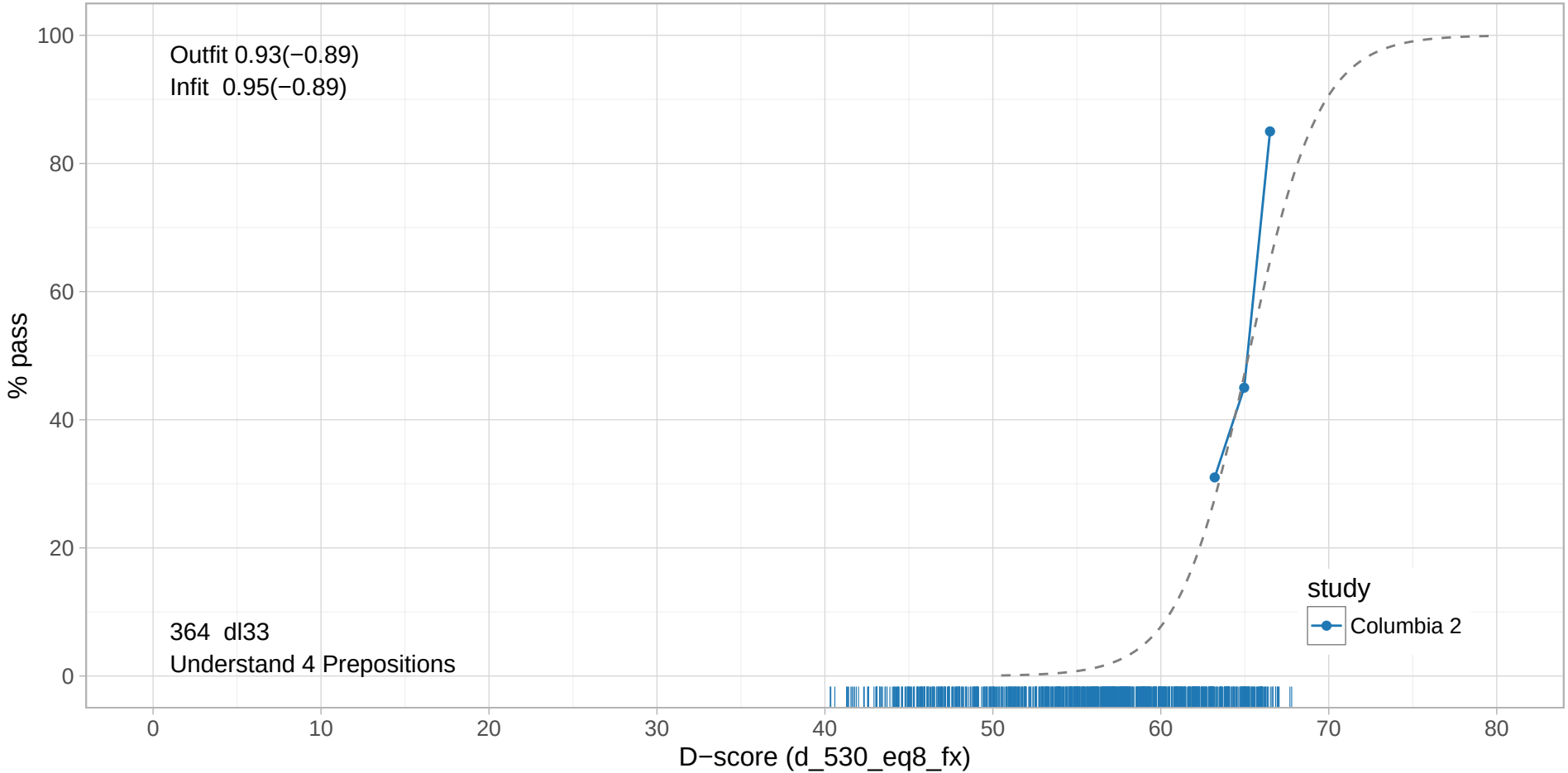

Outfit 0.7(−3.84)
Infit 0.76(−4)
359 dl28
Use of two objects
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

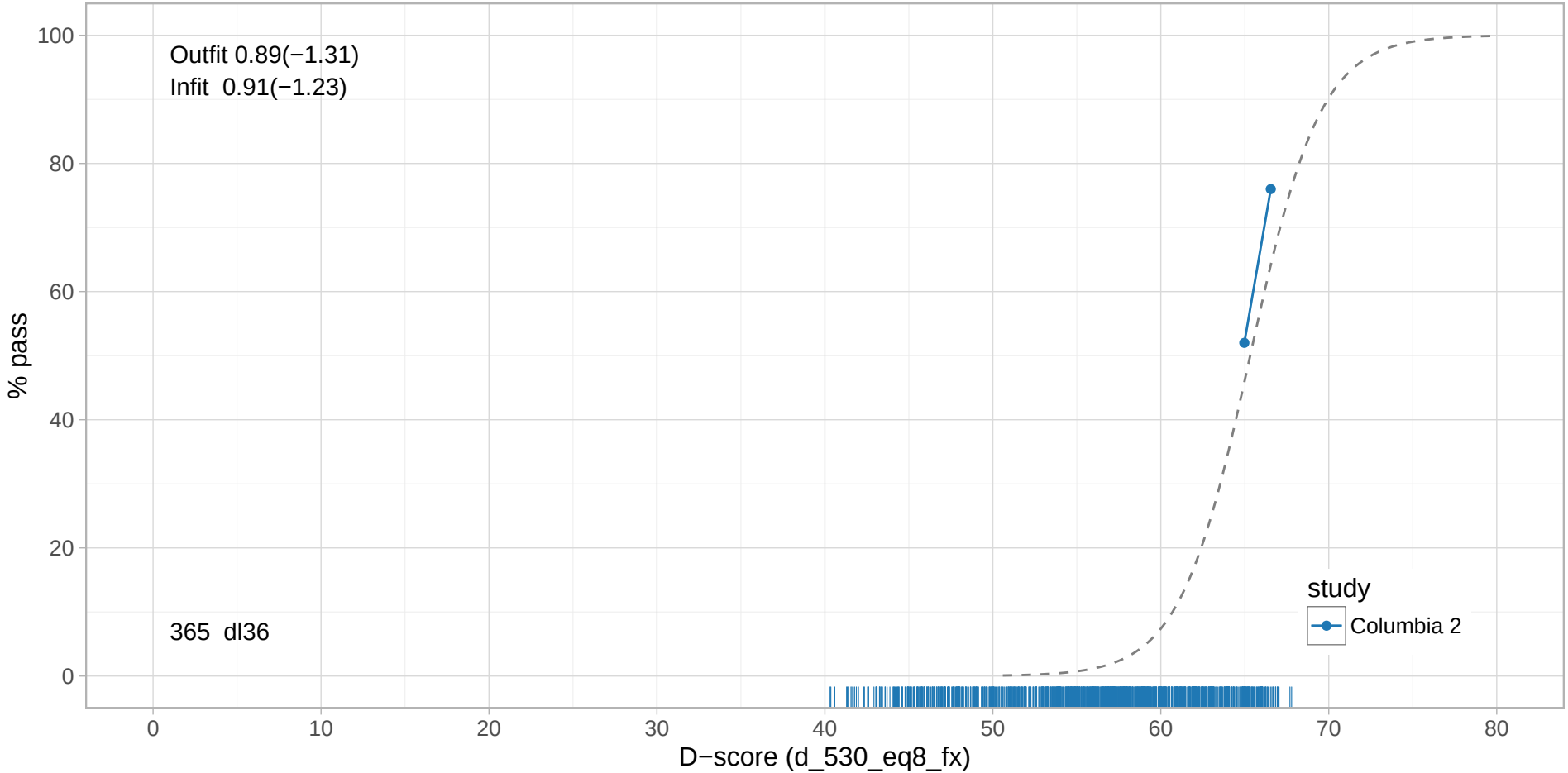

Outfit 1.07(0.48)
Infit 1.01(0.13)
360 dl29
Count 1 Block
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

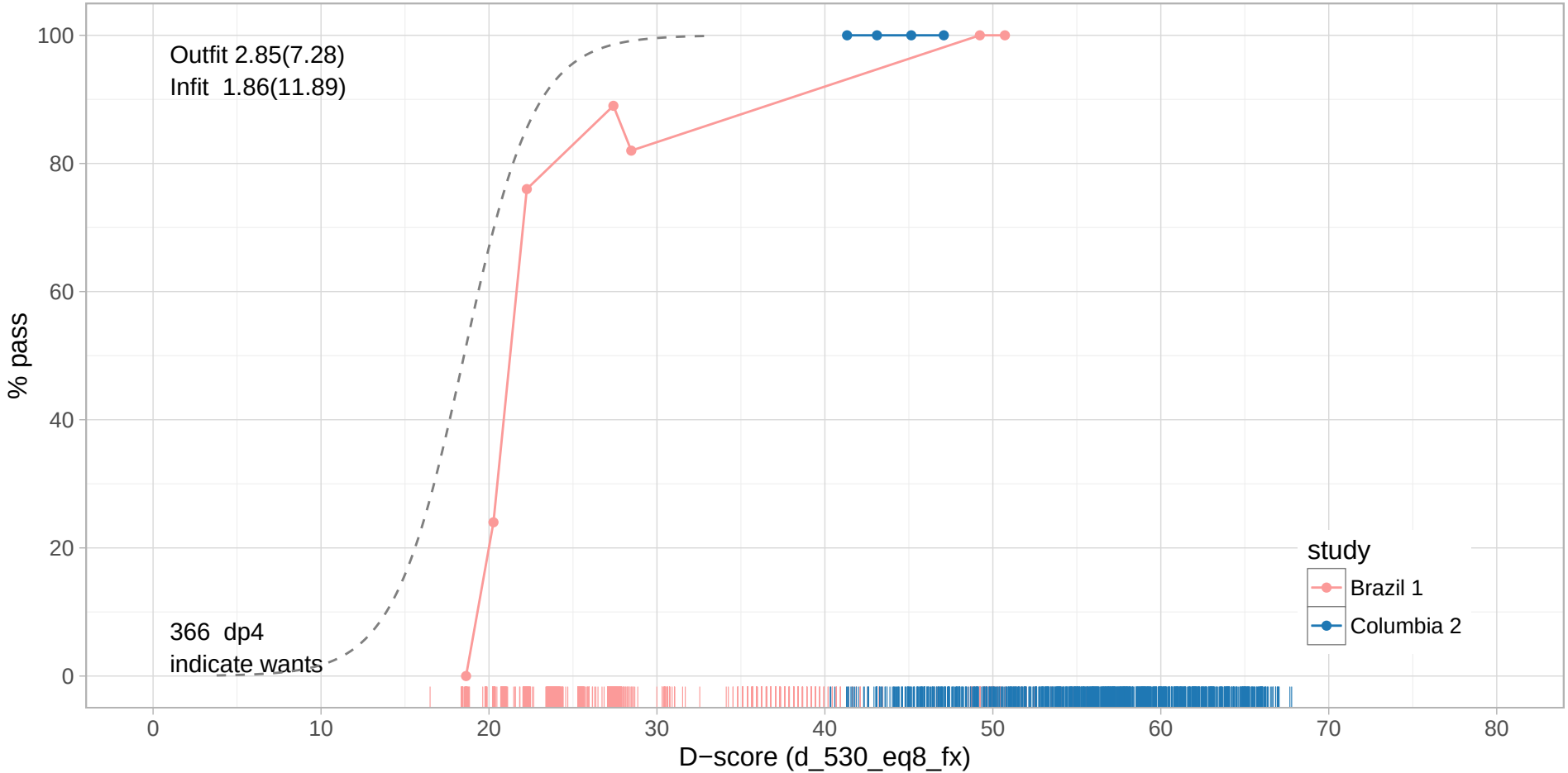

Outfit 0.81(−2.39)
Infit 0.85(−2.37)
361 dl30
Use of four objects
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

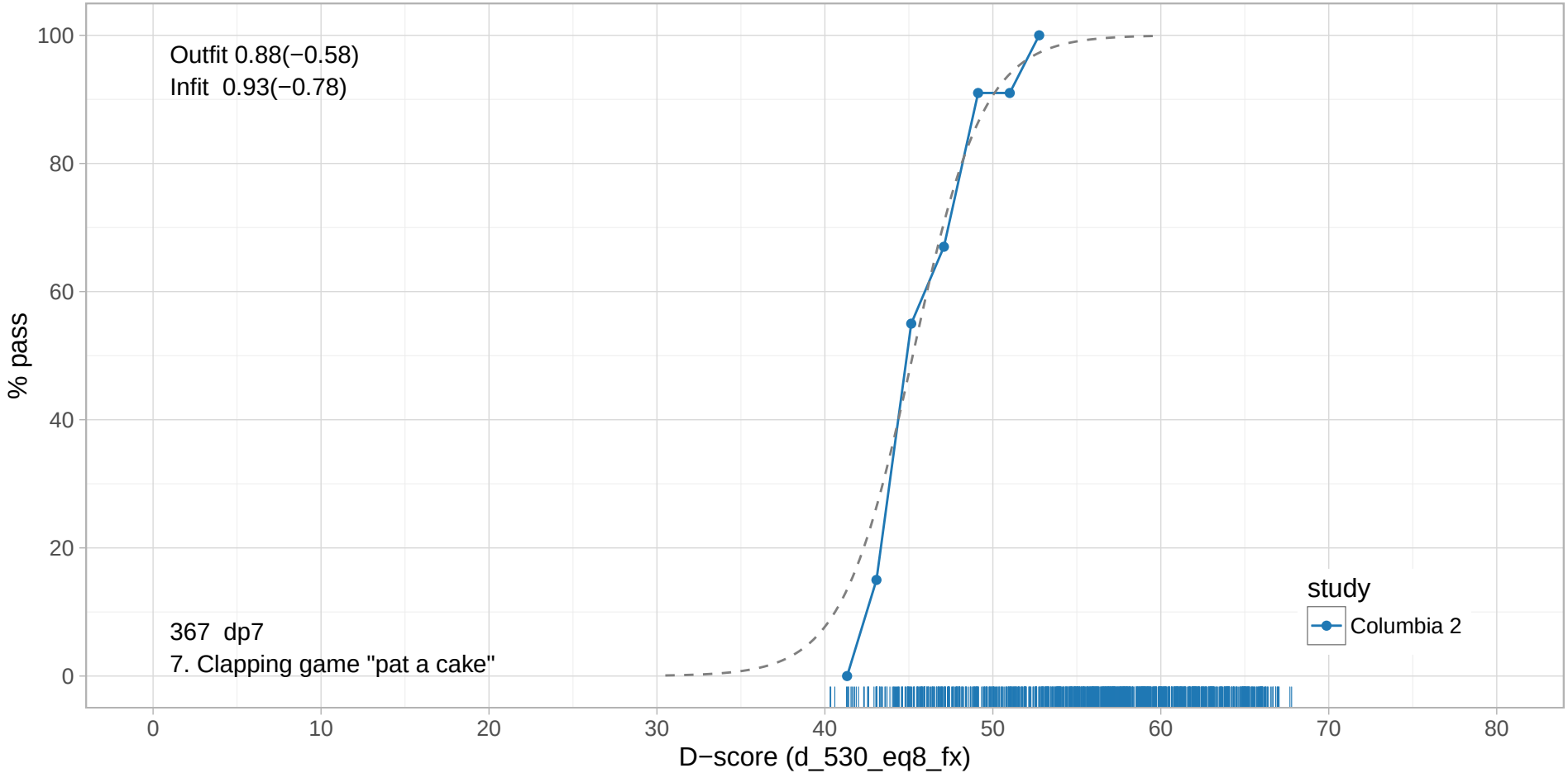

Outfit 1.13(1.05)
Infit 1.01(0.1)
362 dl31
Know Actions (2) (4)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

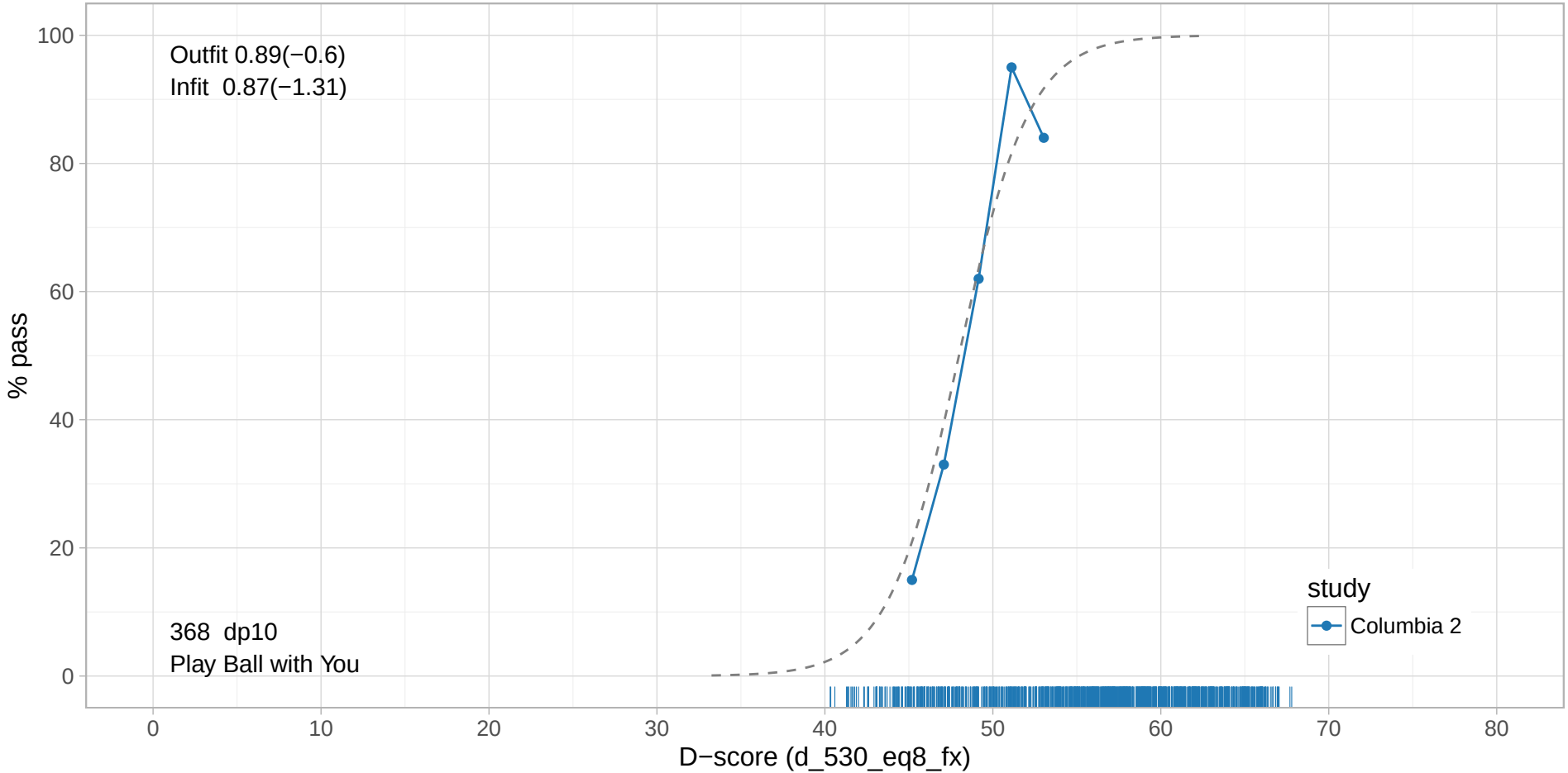

Outfit 0.99(−0.02)
Infit 1.04(0.4)
363 dl32
Speech All−Understandable
study
Columbia 2
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

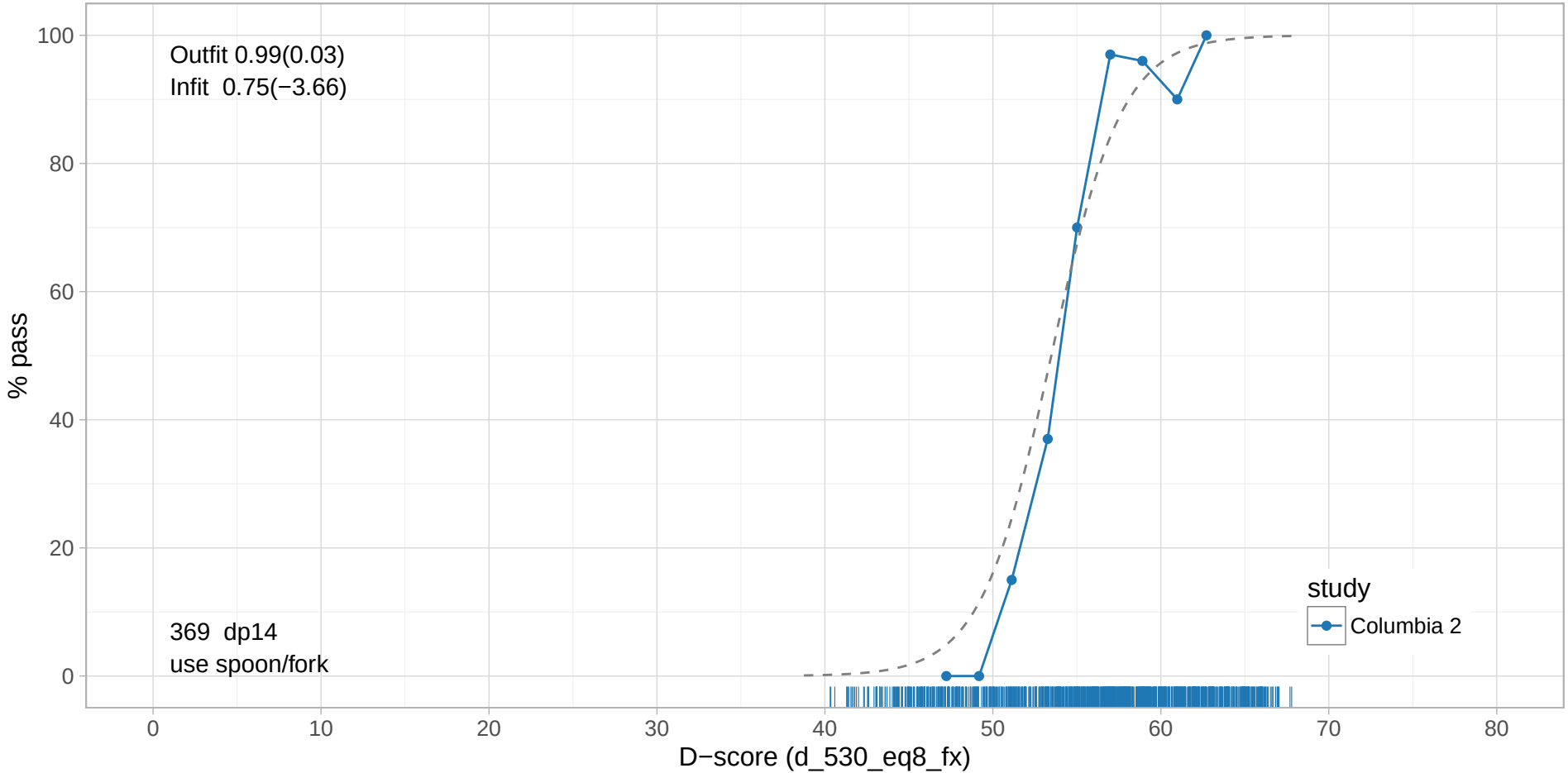

Outfit 0.93(−0.89)
Infit 0.95(−0.89)
364 dl33
Understand 4 Prepositions
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

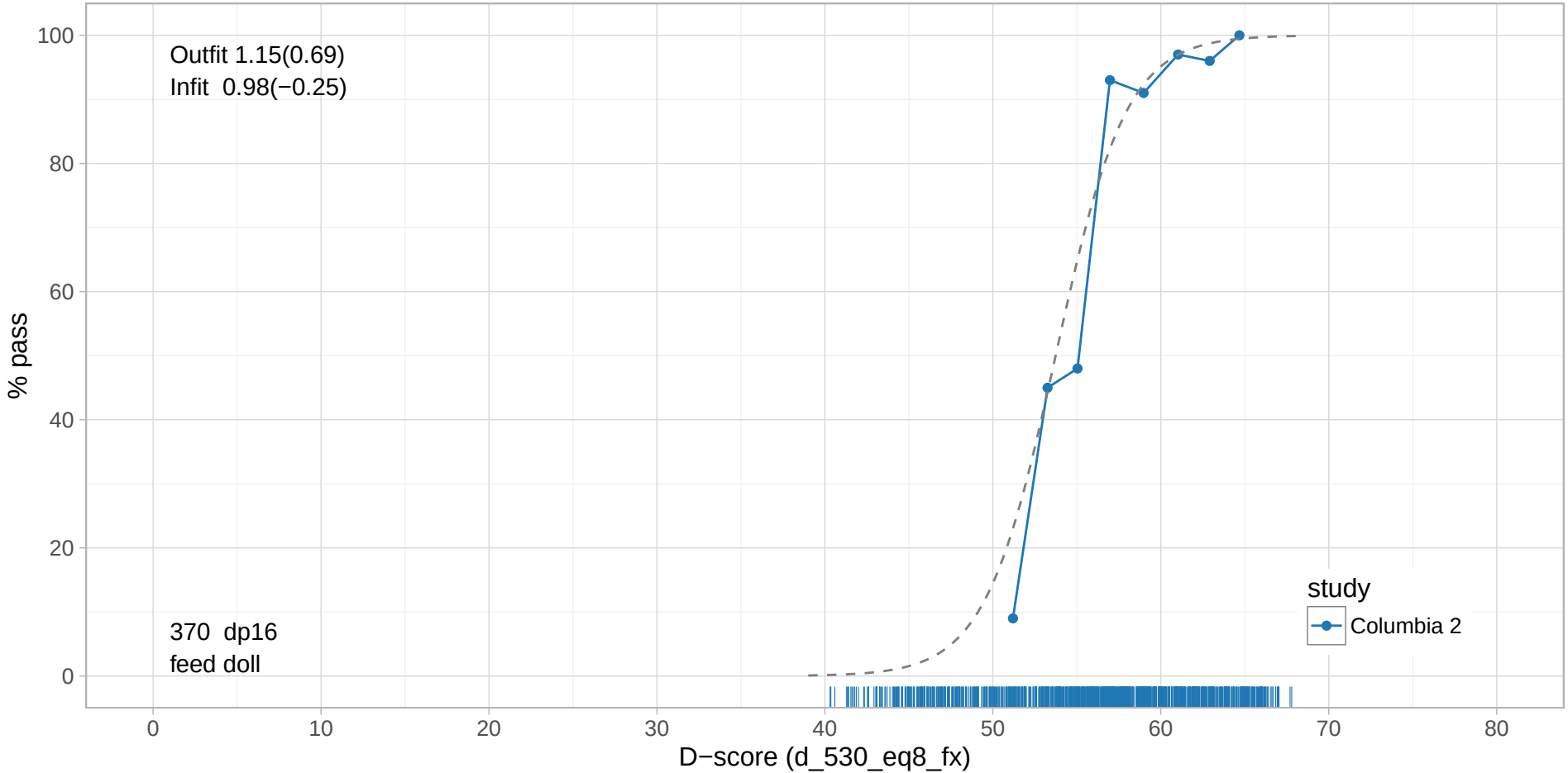

Outfit 0.89(−1.31)
Infit 0.91(−1.23)
365 dl36
study
Columbia 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

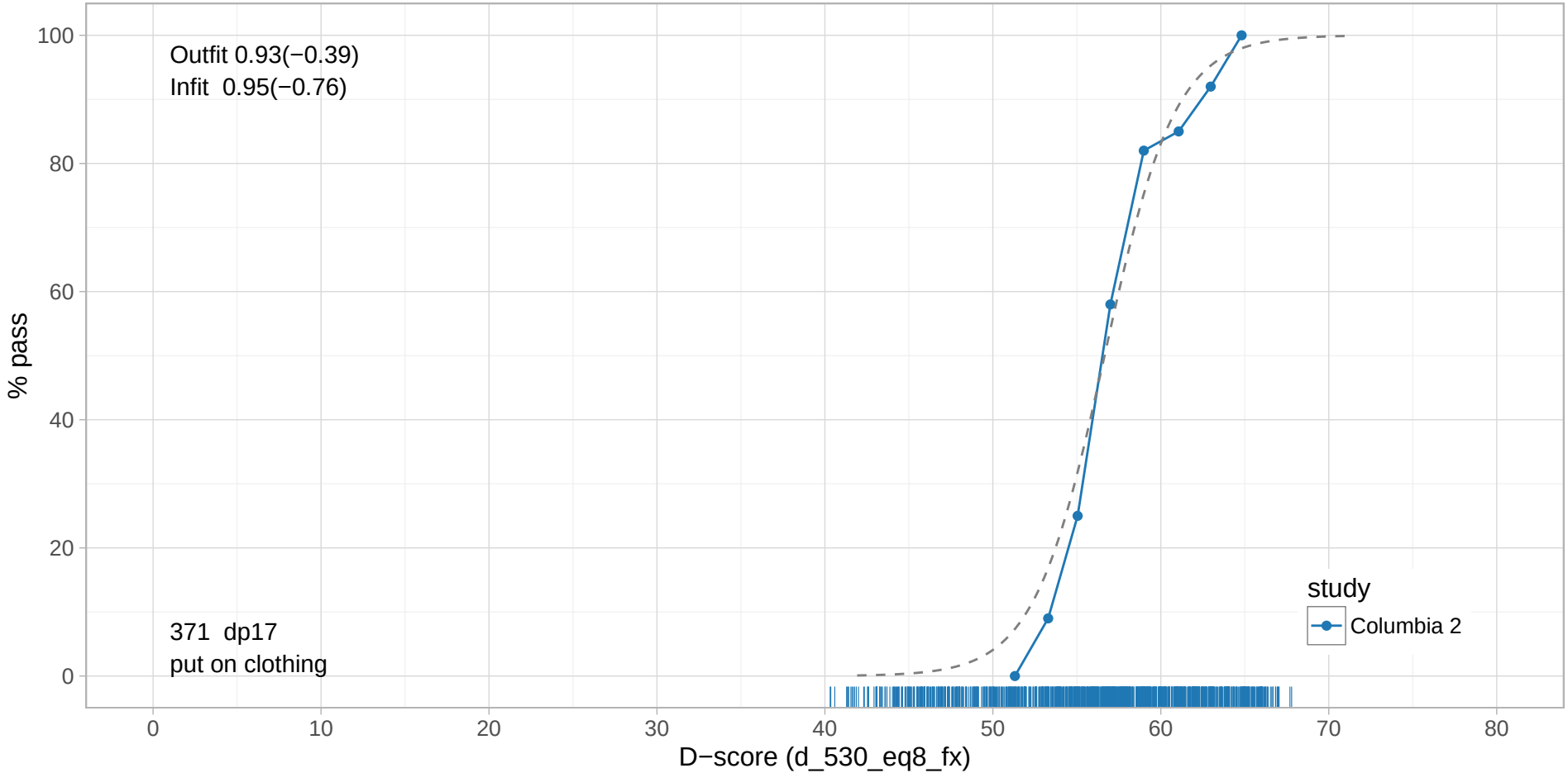

Outfit 2.85(7.28)
Infit 1.86(11.89)
366 dp4
indicate wants
% pass
D−score (d_530_eq8_fx)
study
Brazil 1
Columbia 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

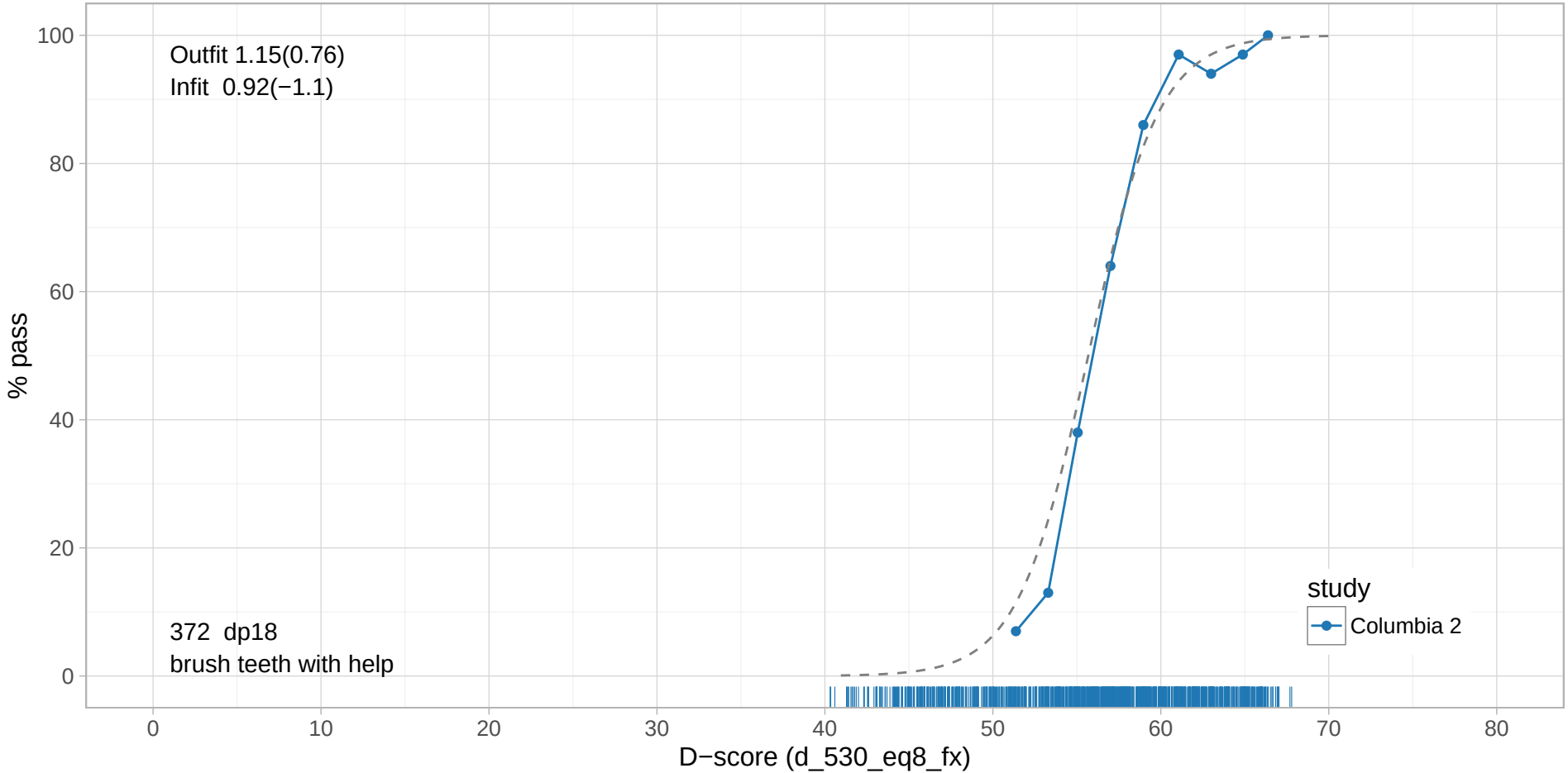

Outfit 0.88(−0.58)
Infit 0.93(−0.78)
367 dp7
7. Clapping game "pat a cake"
% pass
D−score (d_530_eq8_fx)
study
Columbia 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

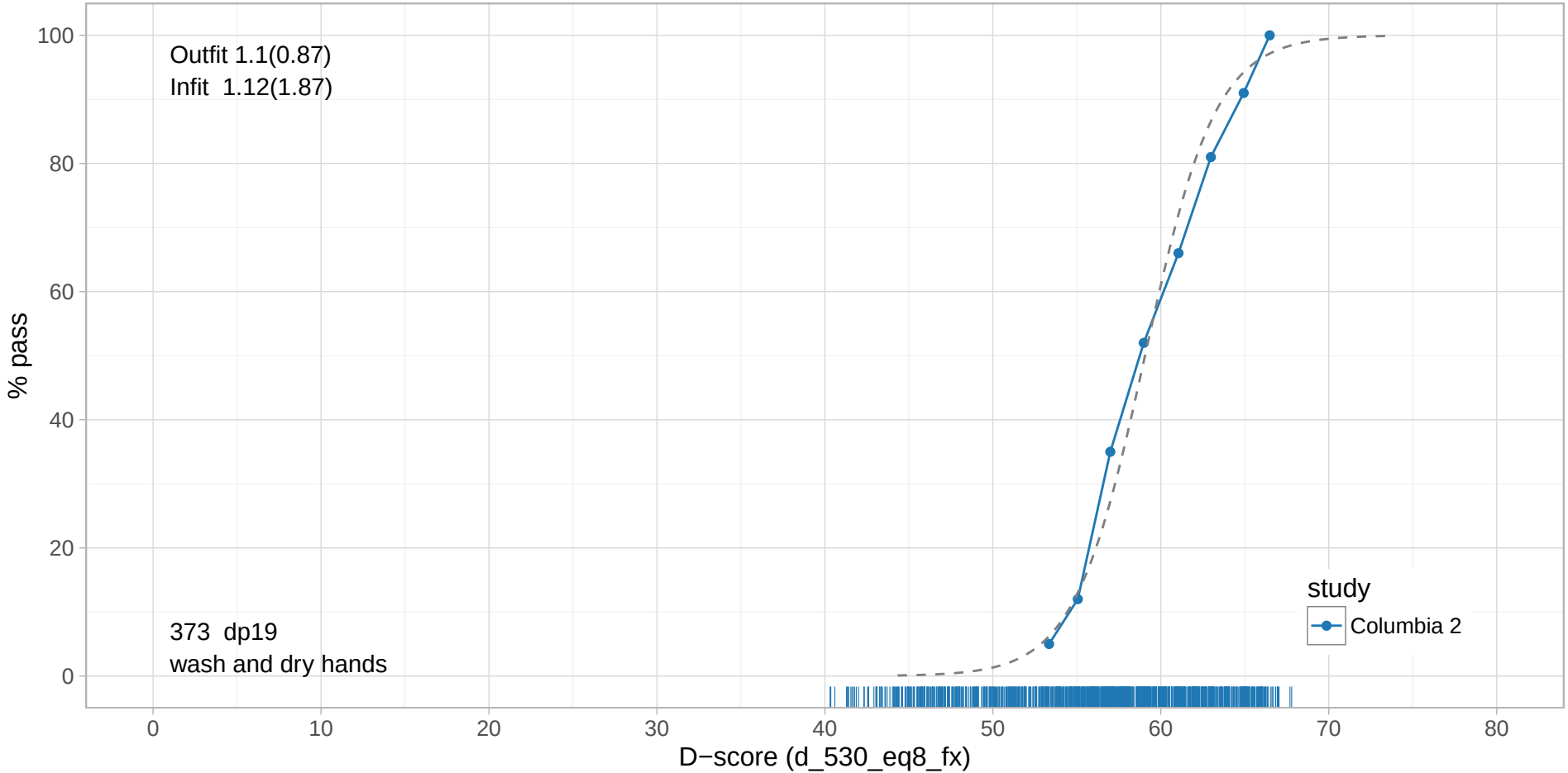

Outfit 0.89(−0.6)
Infit 0.87(−1.31)
368 dp10
Play Ball with You
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

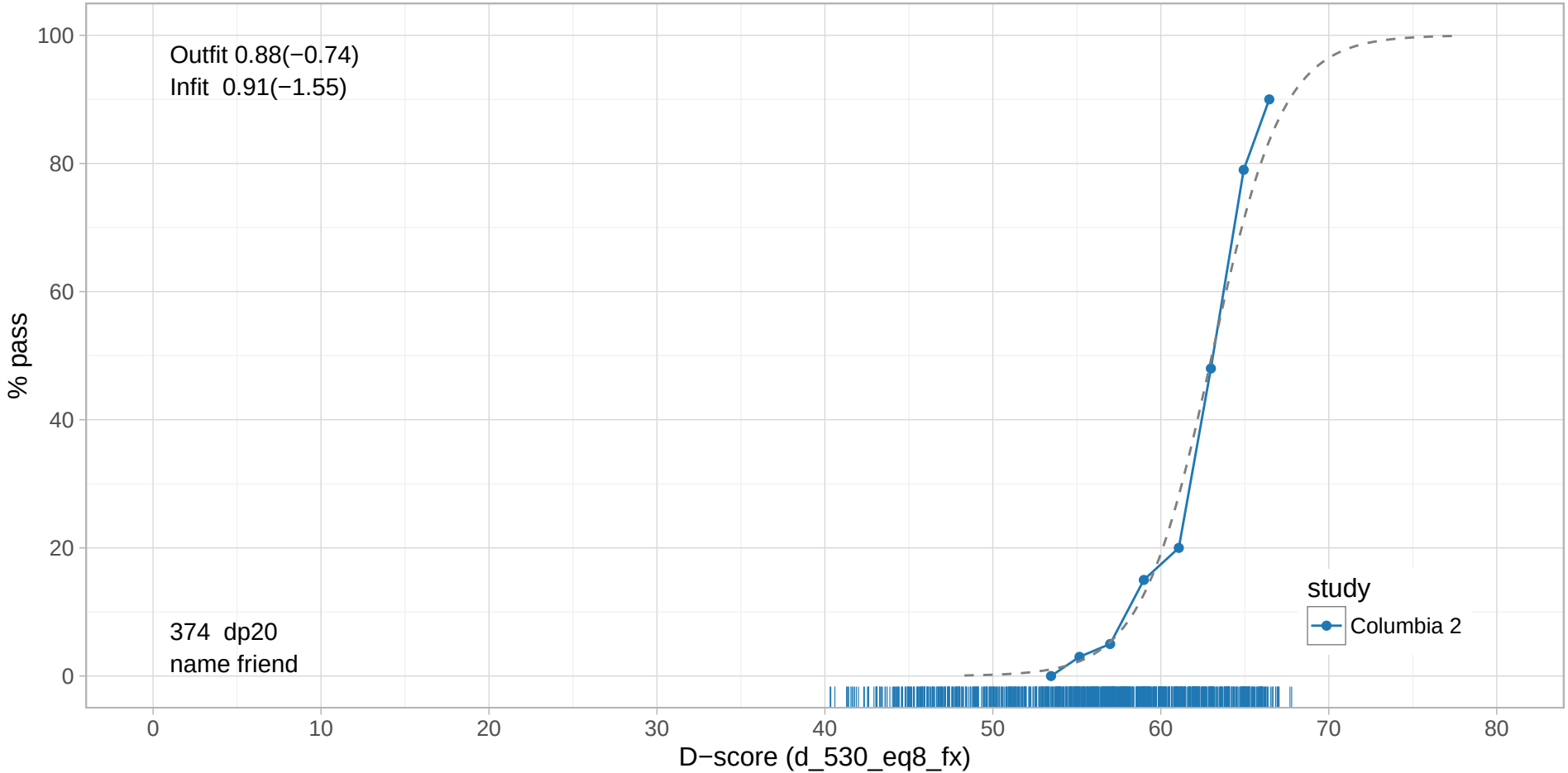

Outfit 0.99(0.03)
Infit 0.75(−3.66)
369 dp14
use spoon/fork
% pass
D−score (d_530_eq8_fx)
study
Columbia 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

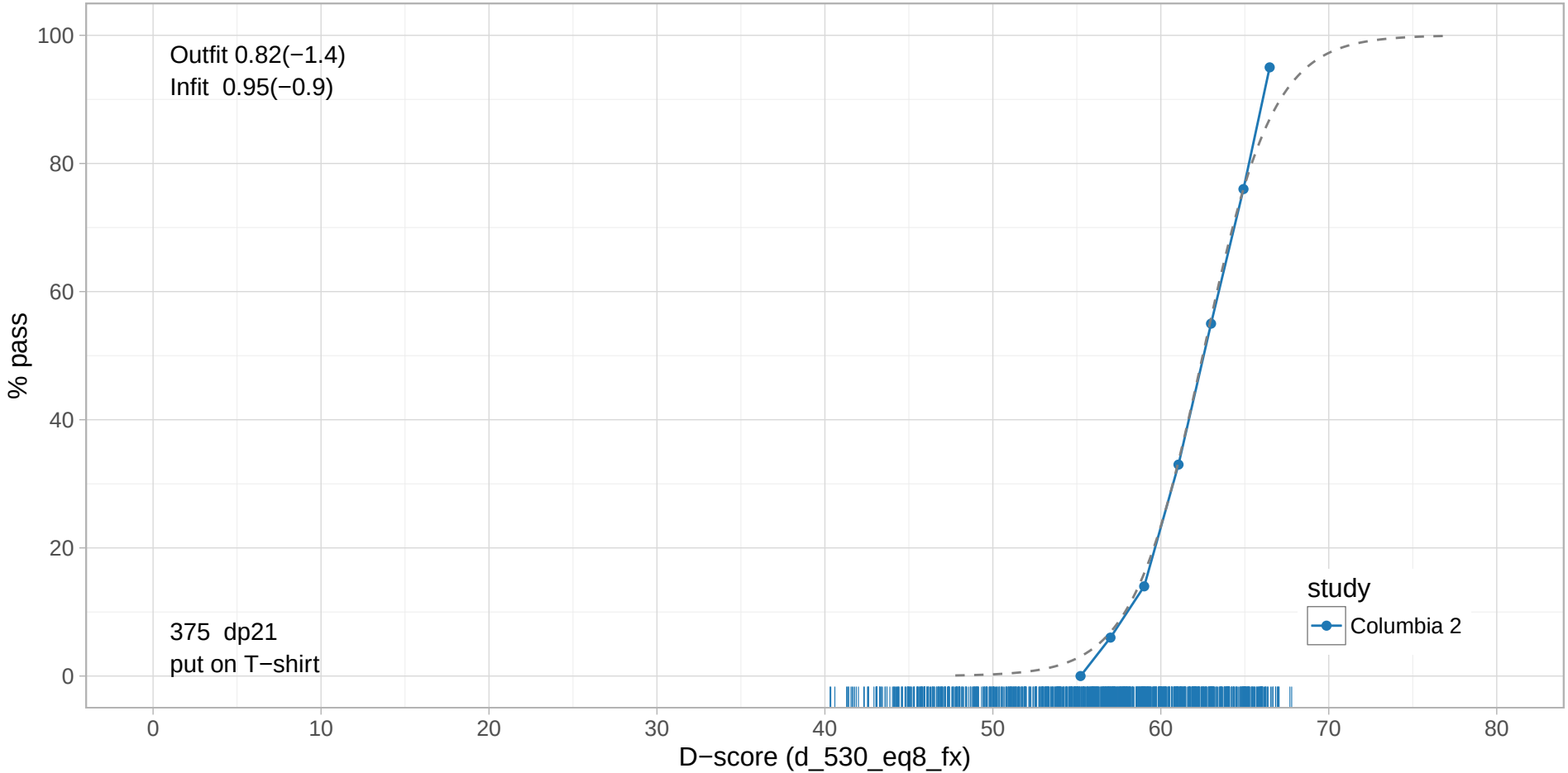

Outfit 1.15(0.69)
Infit 0.98(−0.25)
370 dp16
feed doll
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

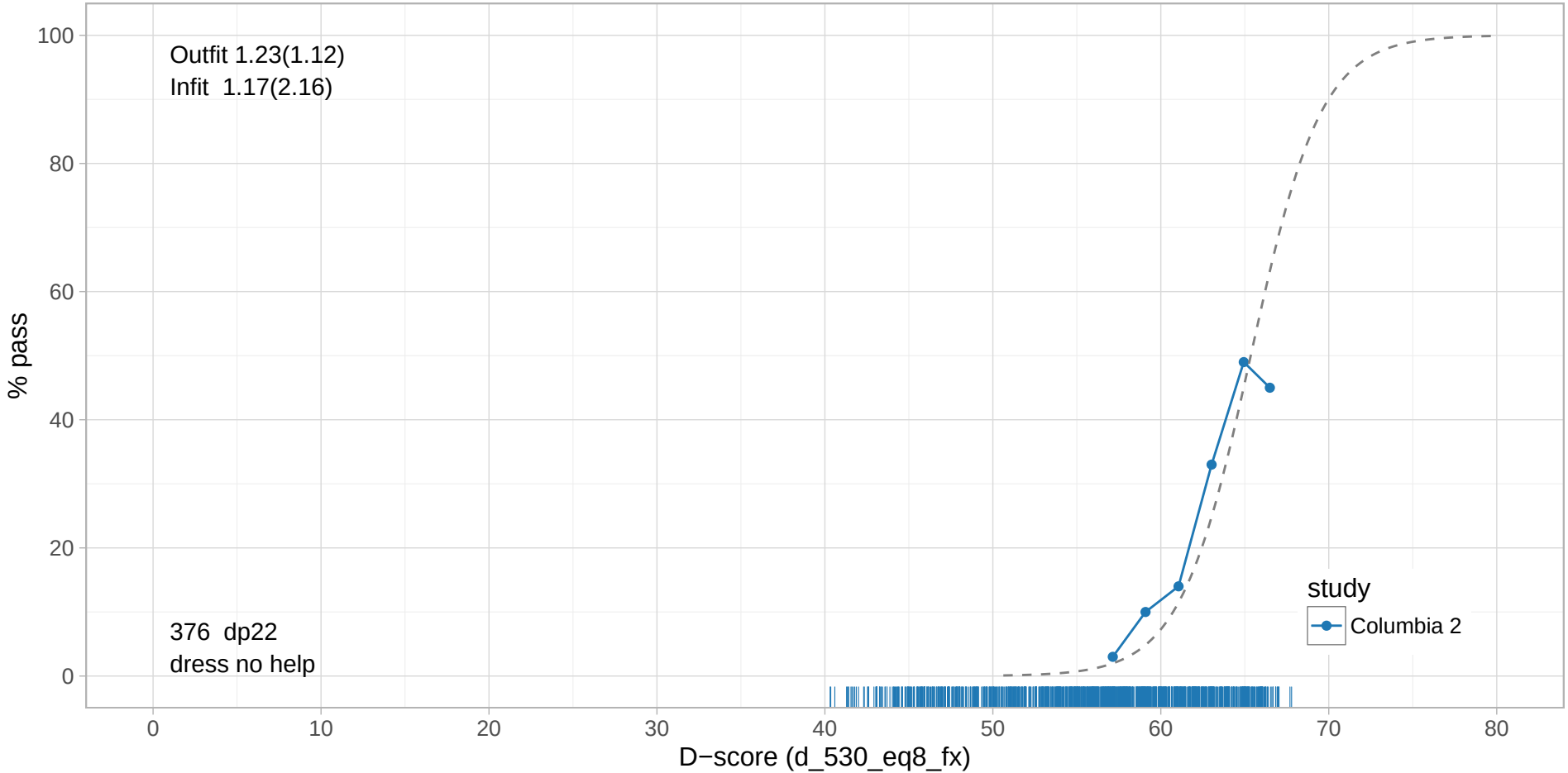

Outfit 0.93(−0.39)
Infit 0.95(−0.76)
371 dp17
put on clothing
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

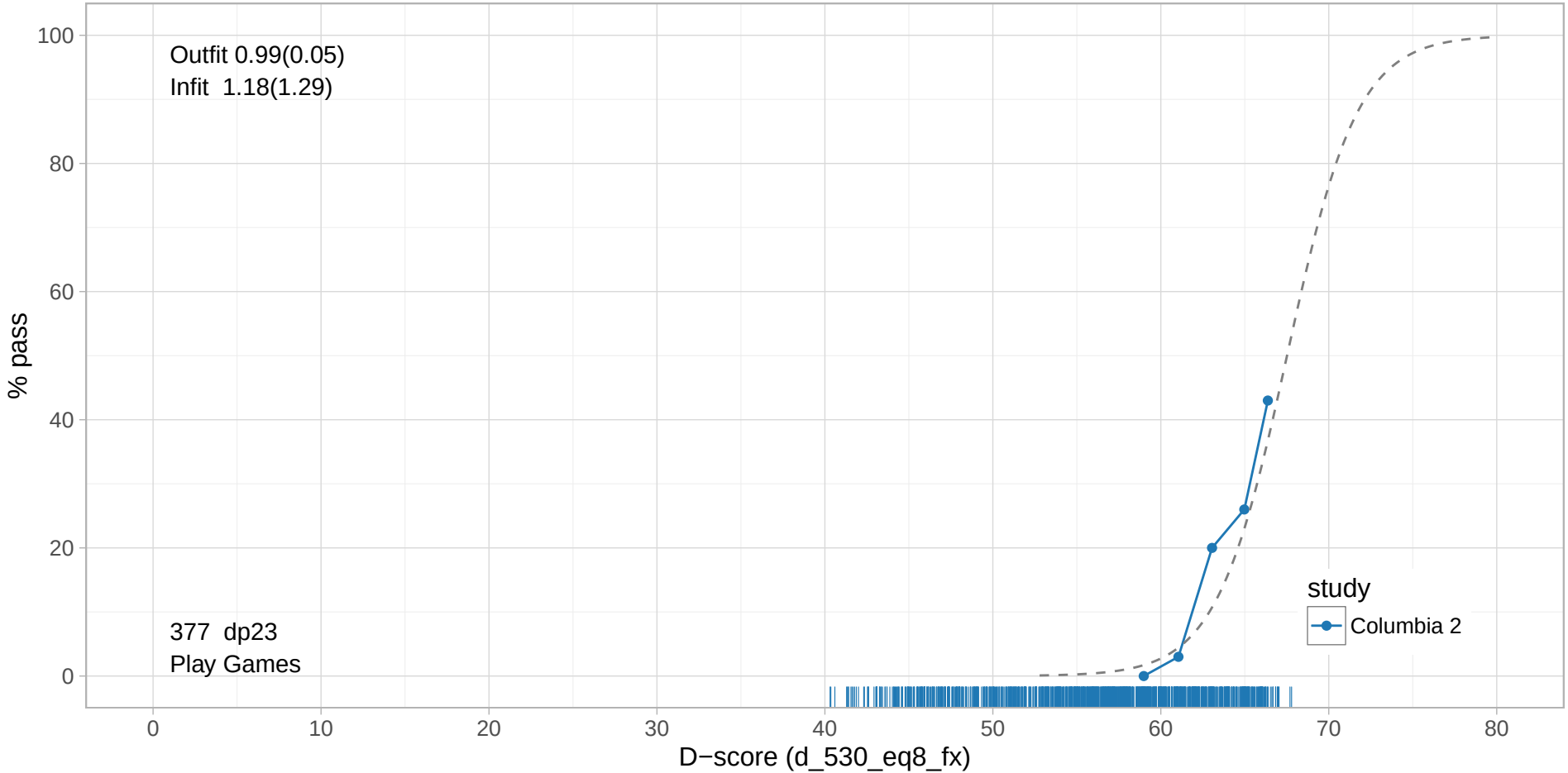

Outfit 1.15(0.76)
Infit 0.92(−1.1)
372 dp18
brush teeth with help
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

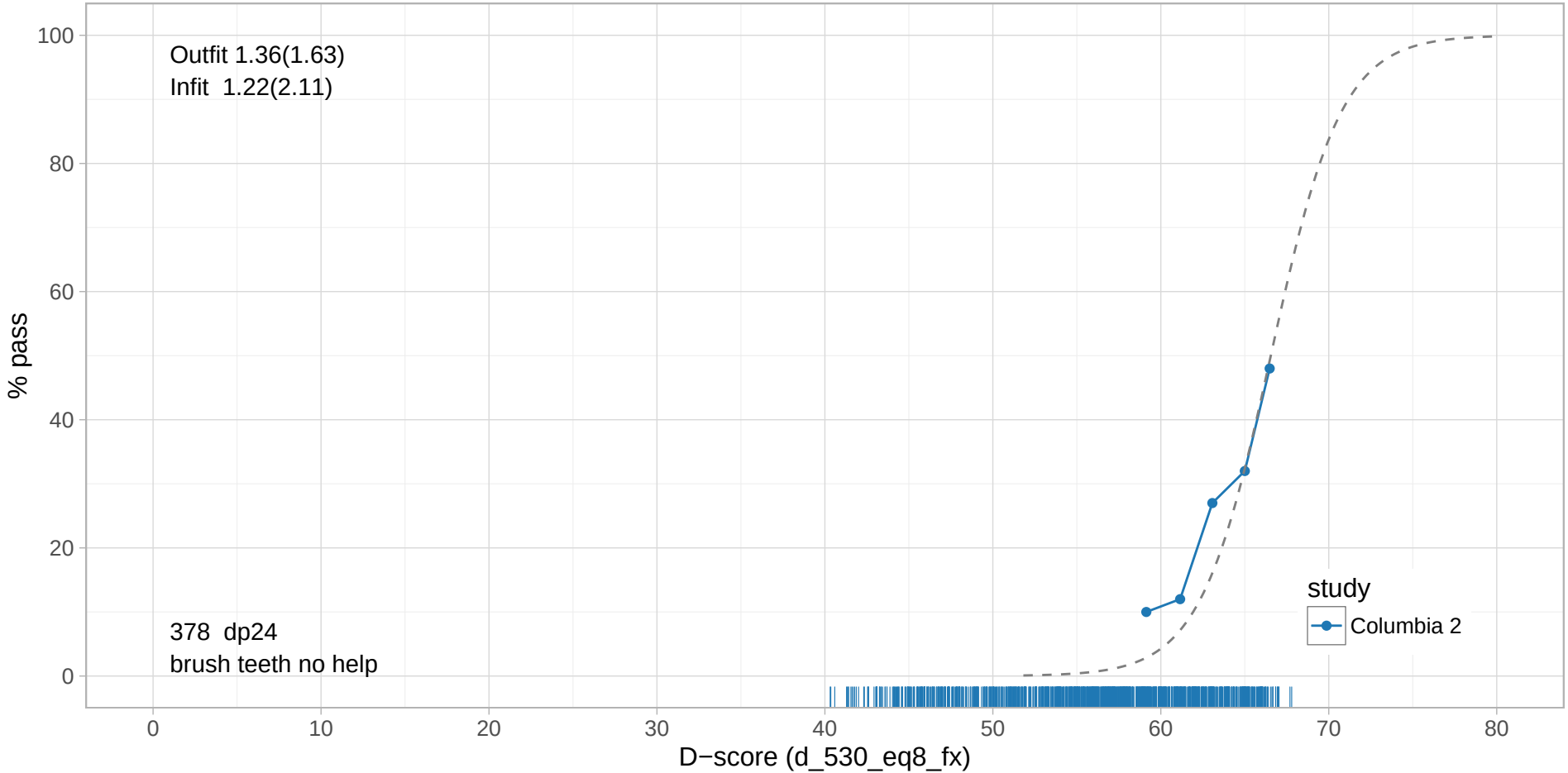

Outfit 1.1(0.87)
Infit 1.12(1.87)
373 dp19
wash and dry hands
study
Columbia 2
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

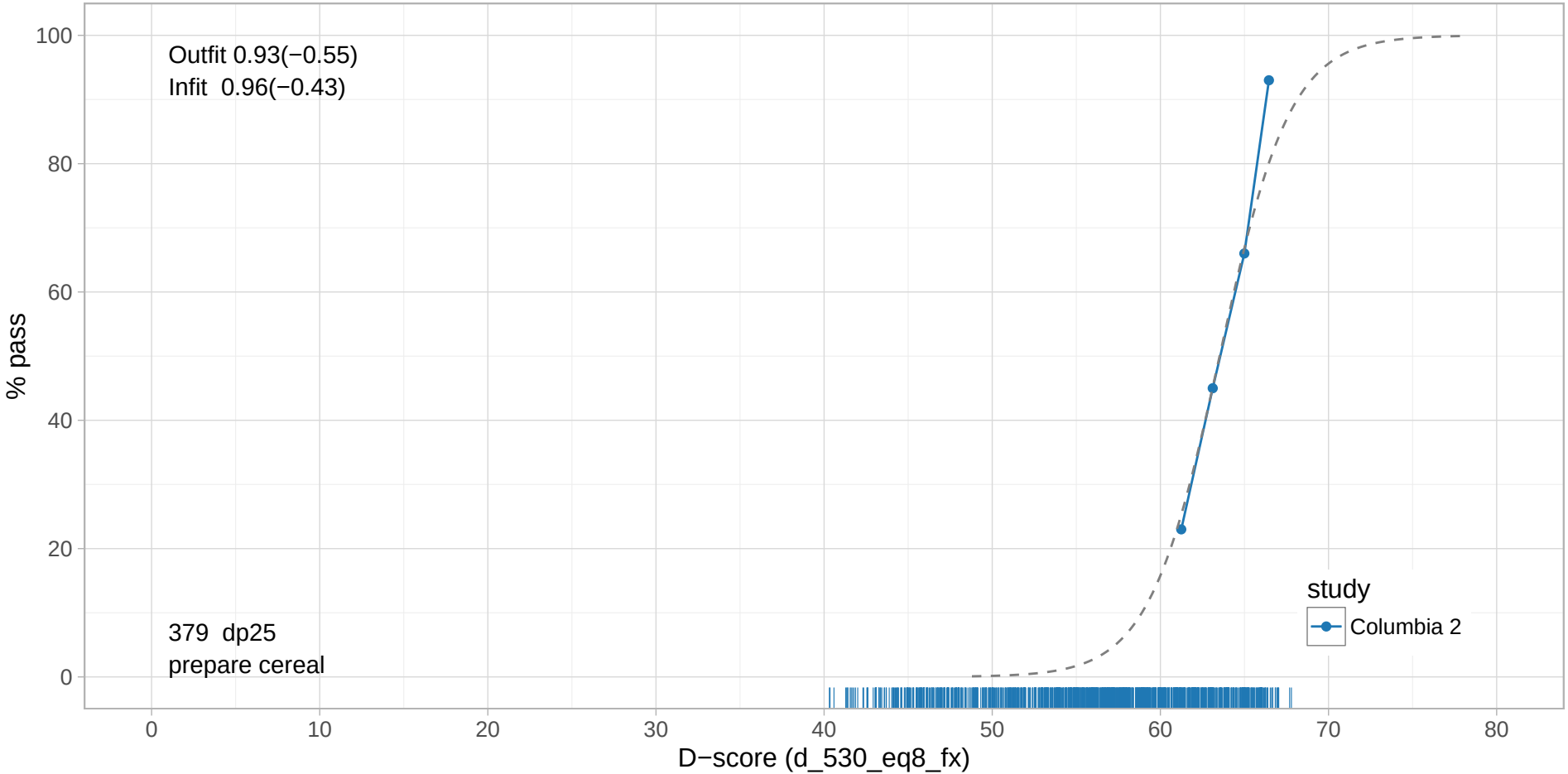

Outfit 0.88(−0.74)
Infit 0.91(−1.55)
374 dp20
name friend
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

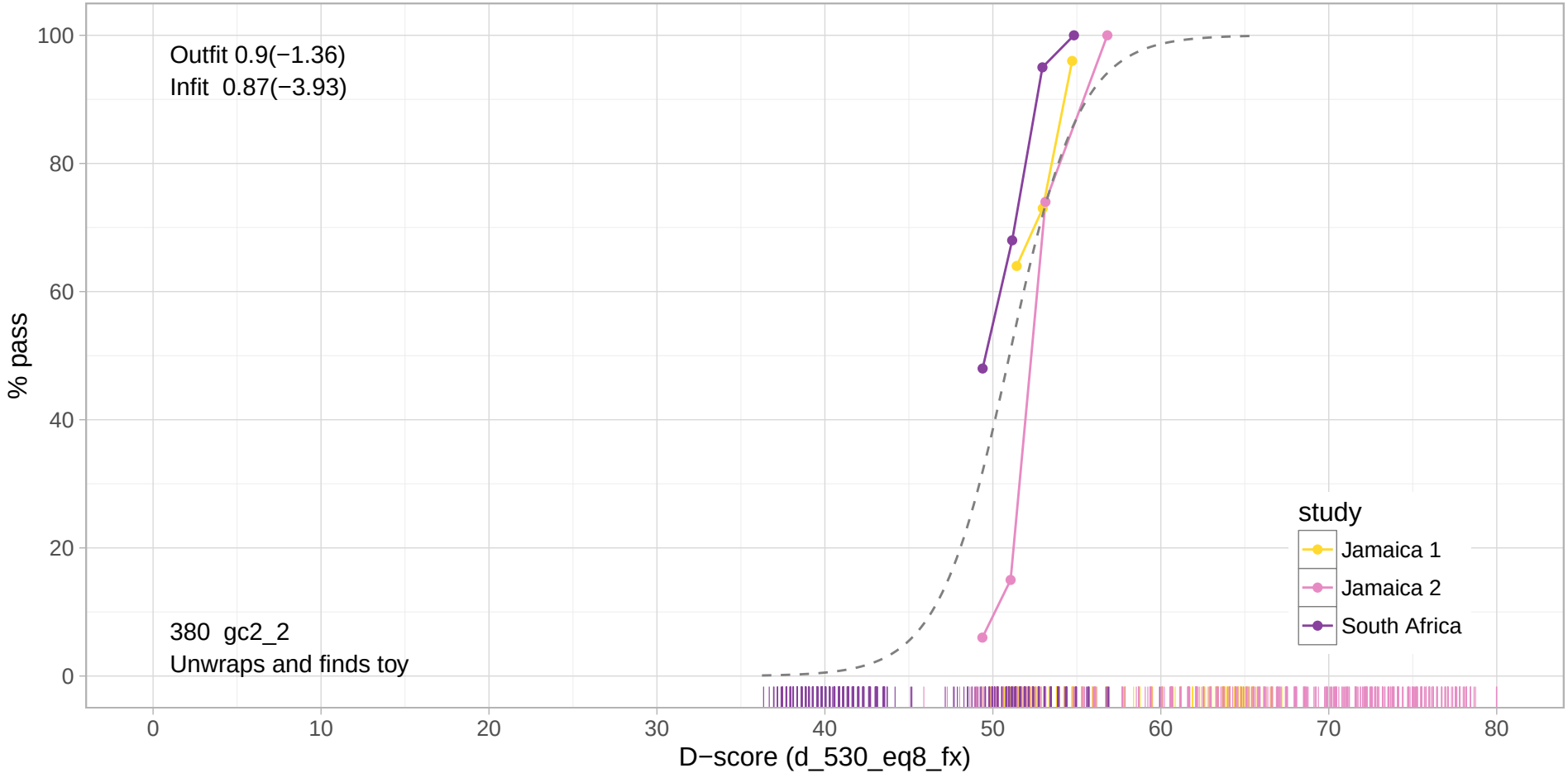

Outfit 0.82(−1.4)
Infit 0.95(−0.9)
375 dp21
put on T−shirt
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

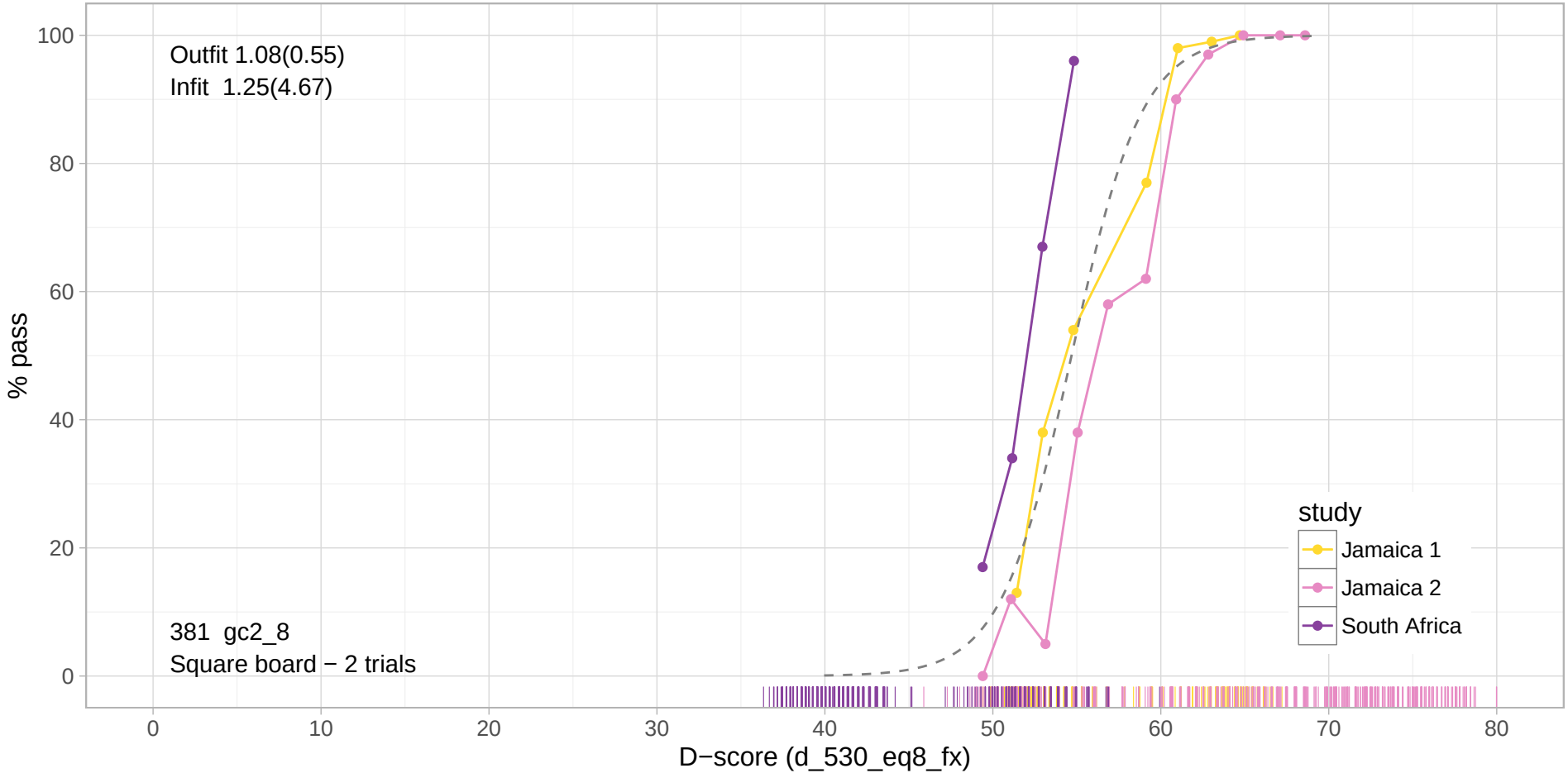

Outfit 1.23(1.12)
Infit 1.17(2.16)
376 dp22
dress no help
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

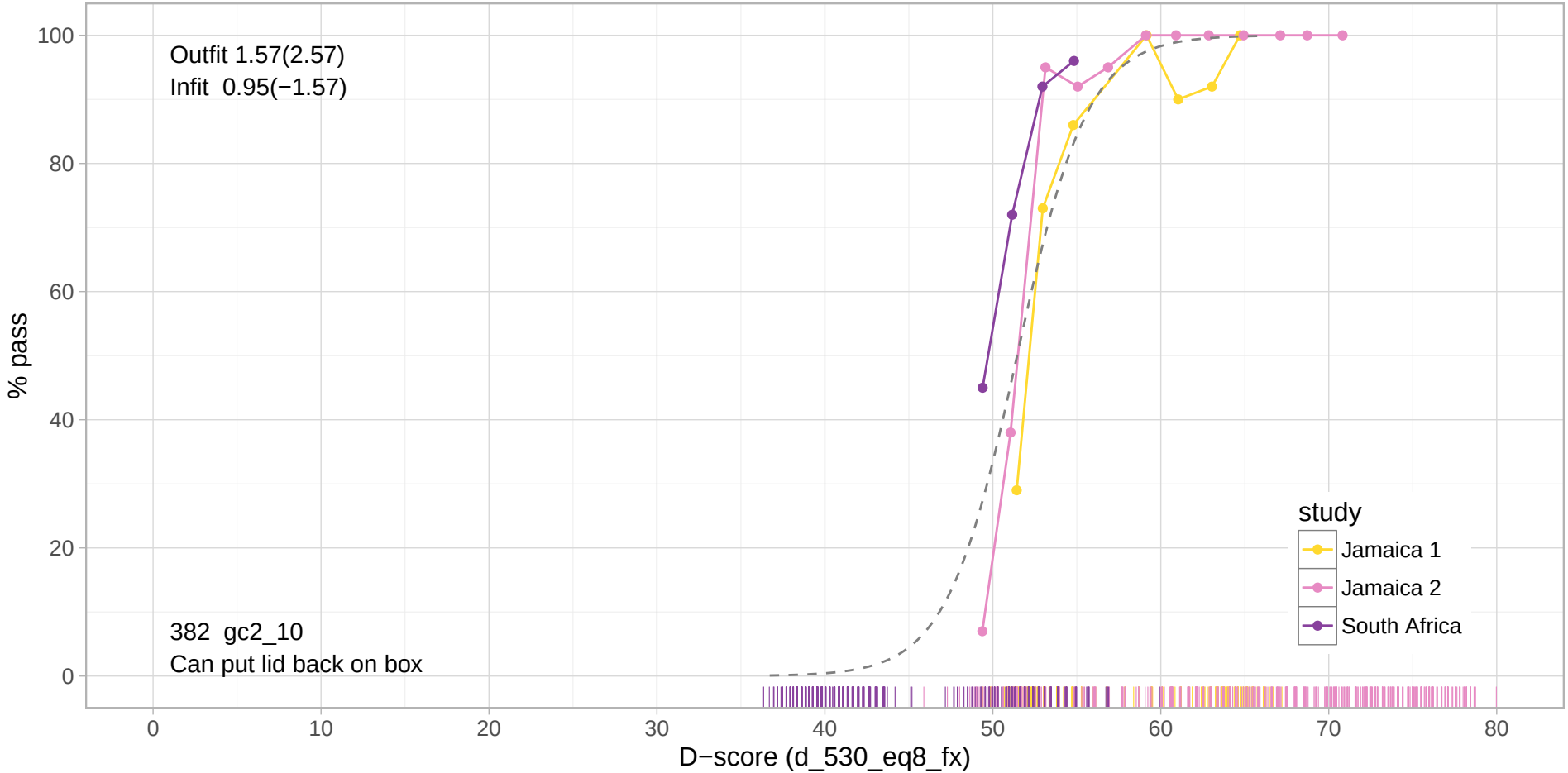

Outfit 0.99(0.05)
Infit 1.18(1.29)
377 dp23
Play Games
study
Columbia 2
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

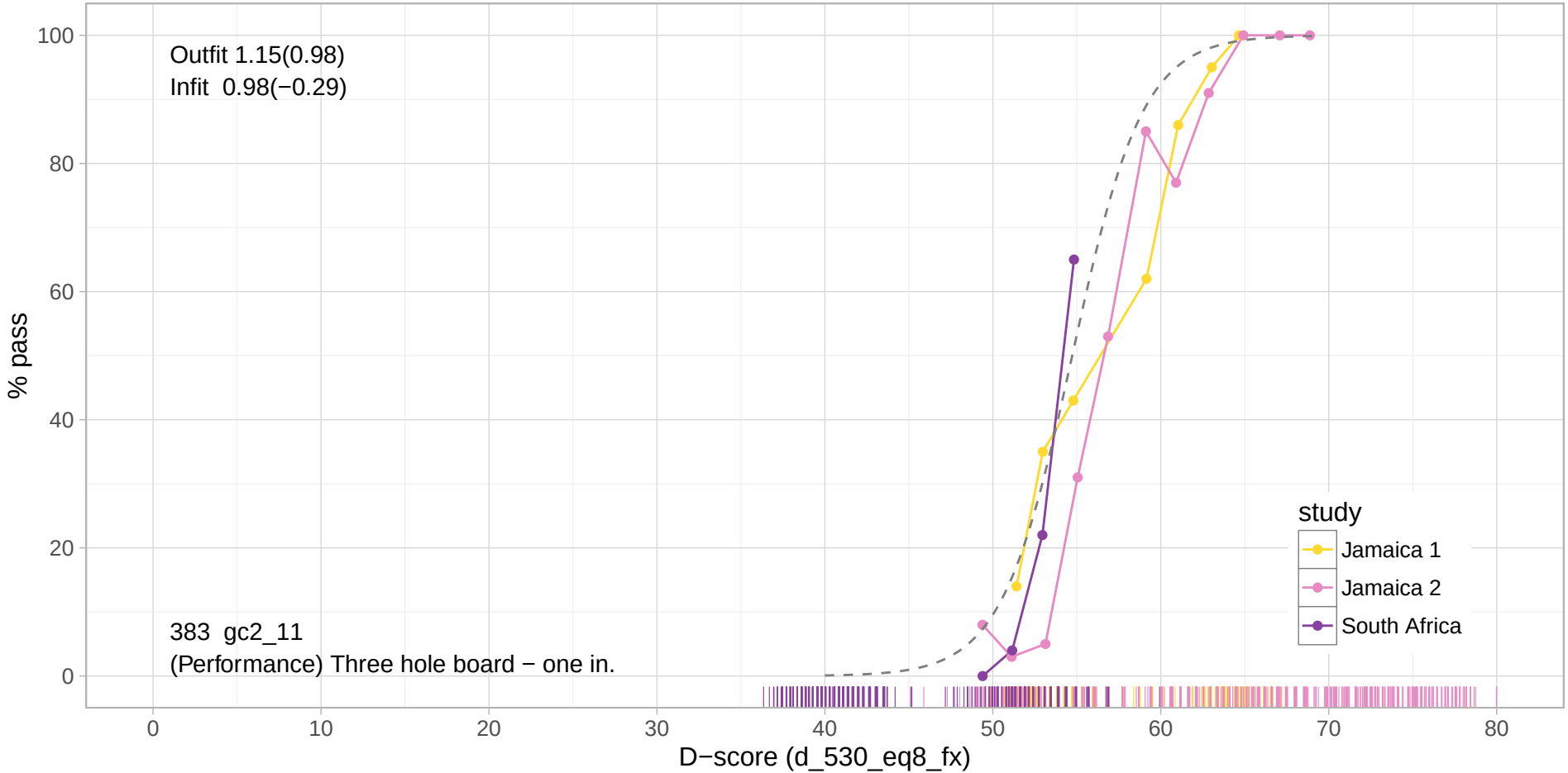

Outfit 1.36(1.63)
Infit 1.22(2.11)
378 dp24
brush teeth no help
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

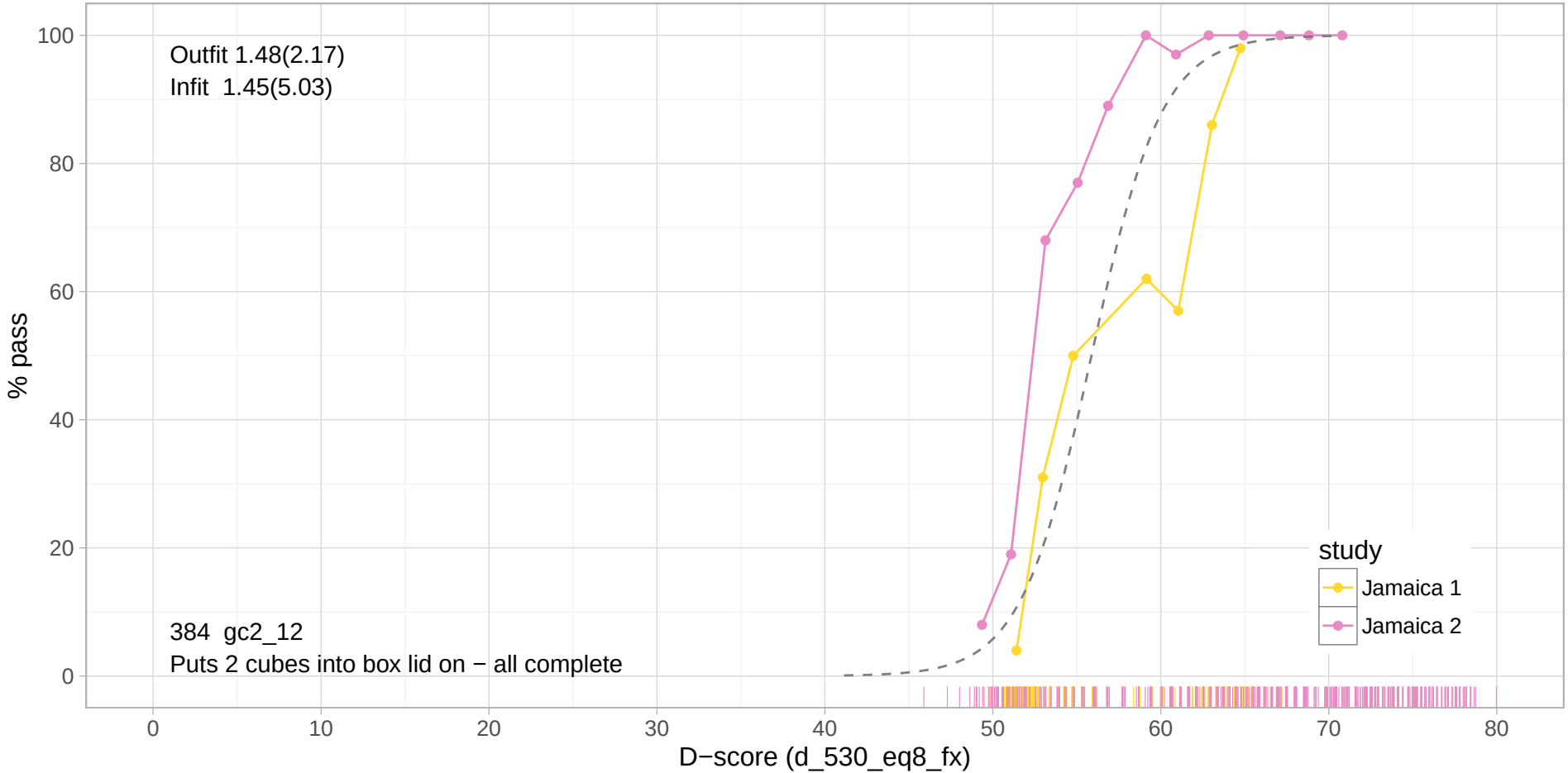

Outfit 0.93(−0.55)
Infit 0.96(−0.43)
379 dp25
prepare cereal
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Columbia 2

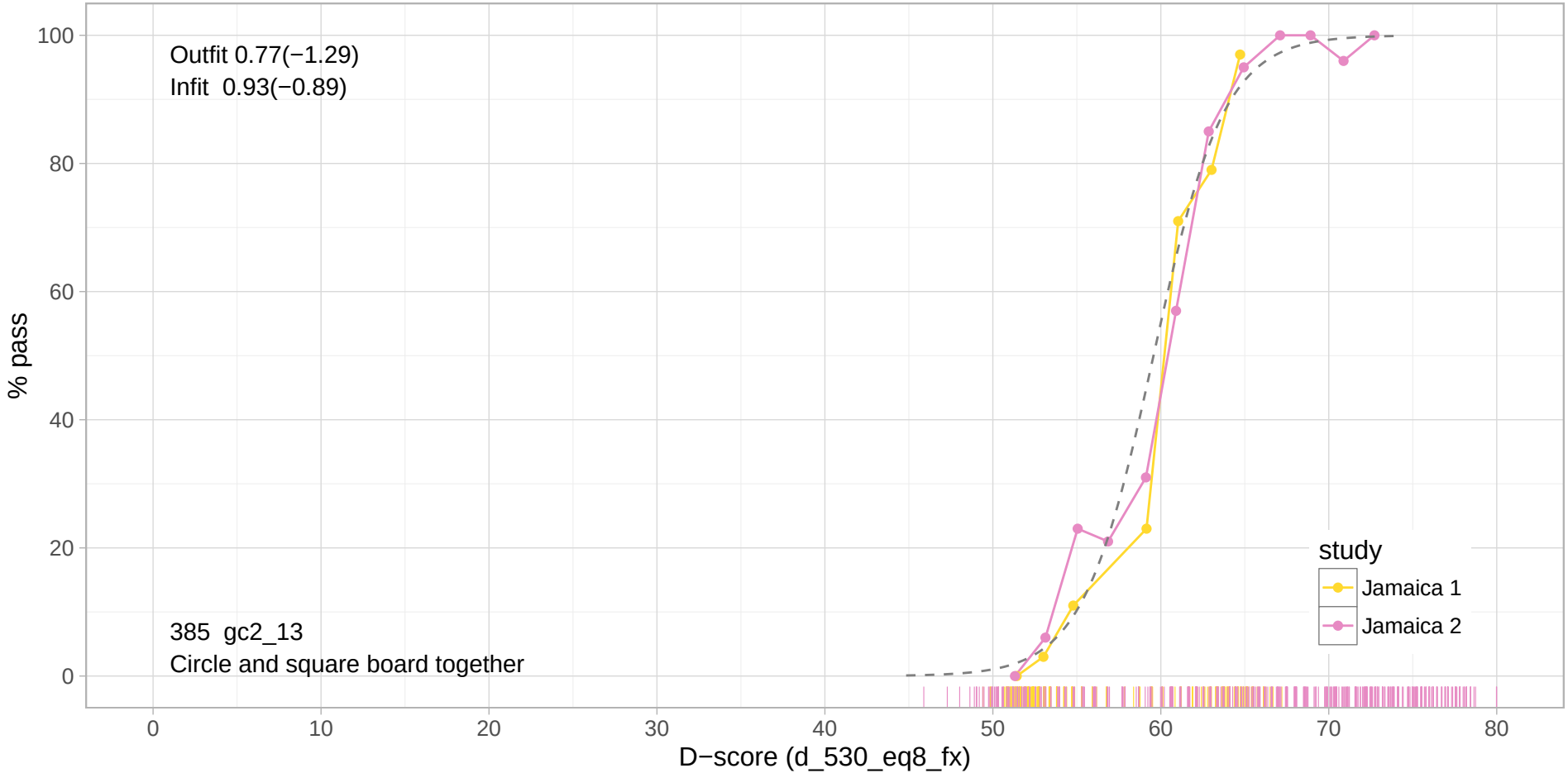

Outfit 0.9(−1.36)
Infit 0.87(−3.93)
380 gc2_2
Unwraps and finds toy
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

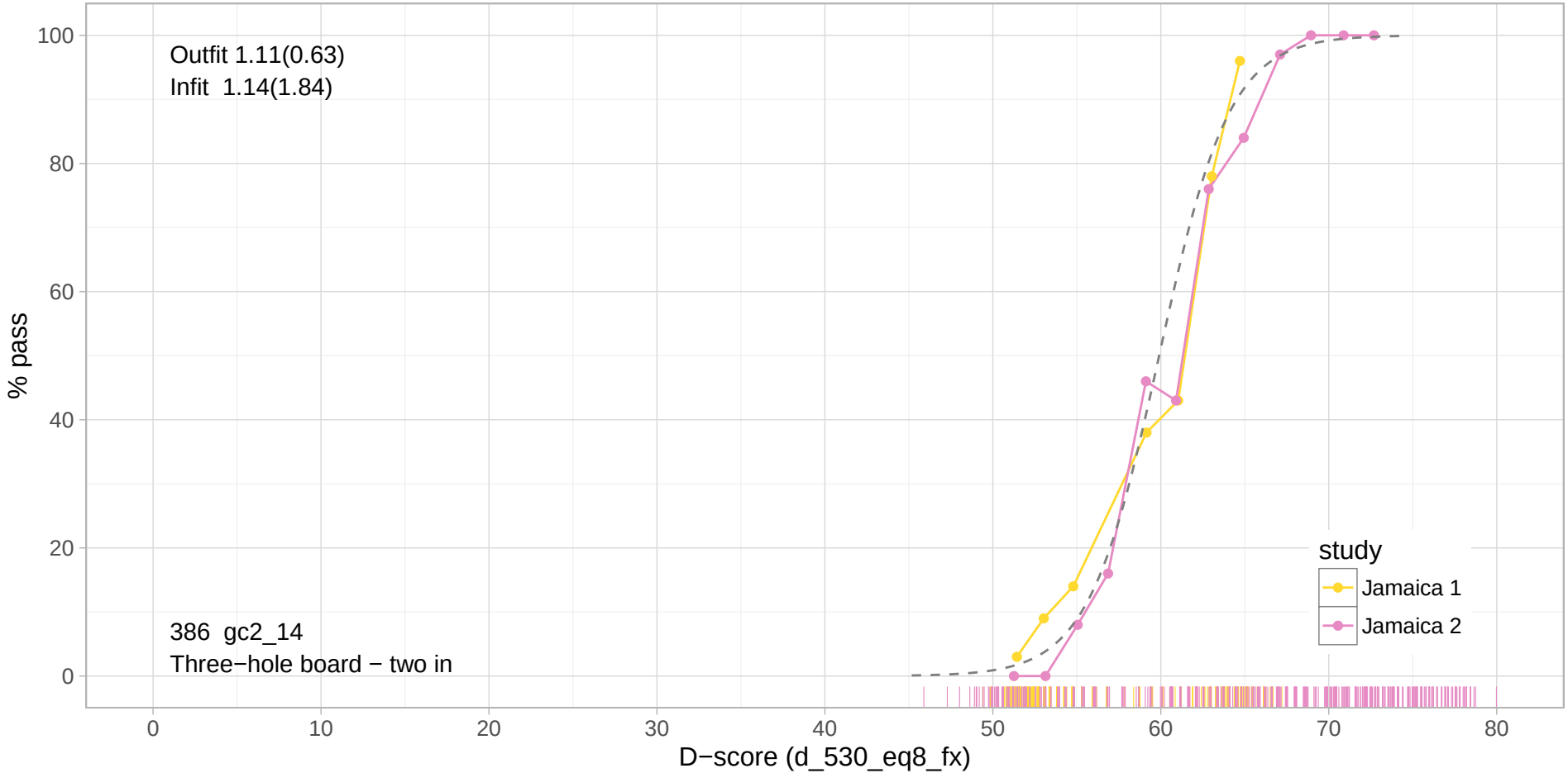

Outfit 1.08(0.55)
Infit 1.25(4.67)
381 gc2_8
Square board − 2 trials
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

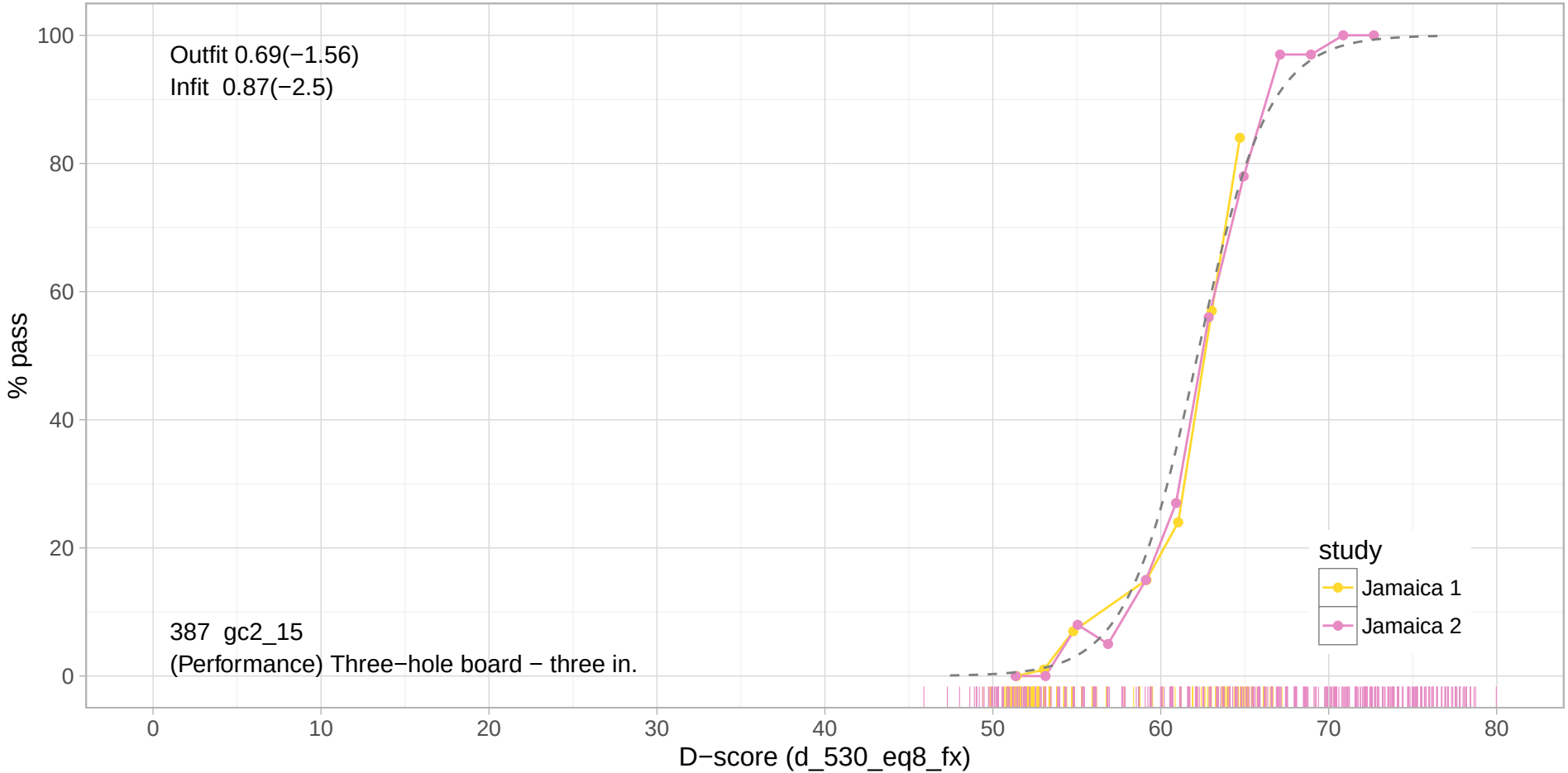

Outfit 1.57(2.57)
Infit 0.95(−1.57)
382 gc2_10
Can put lid back on box
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

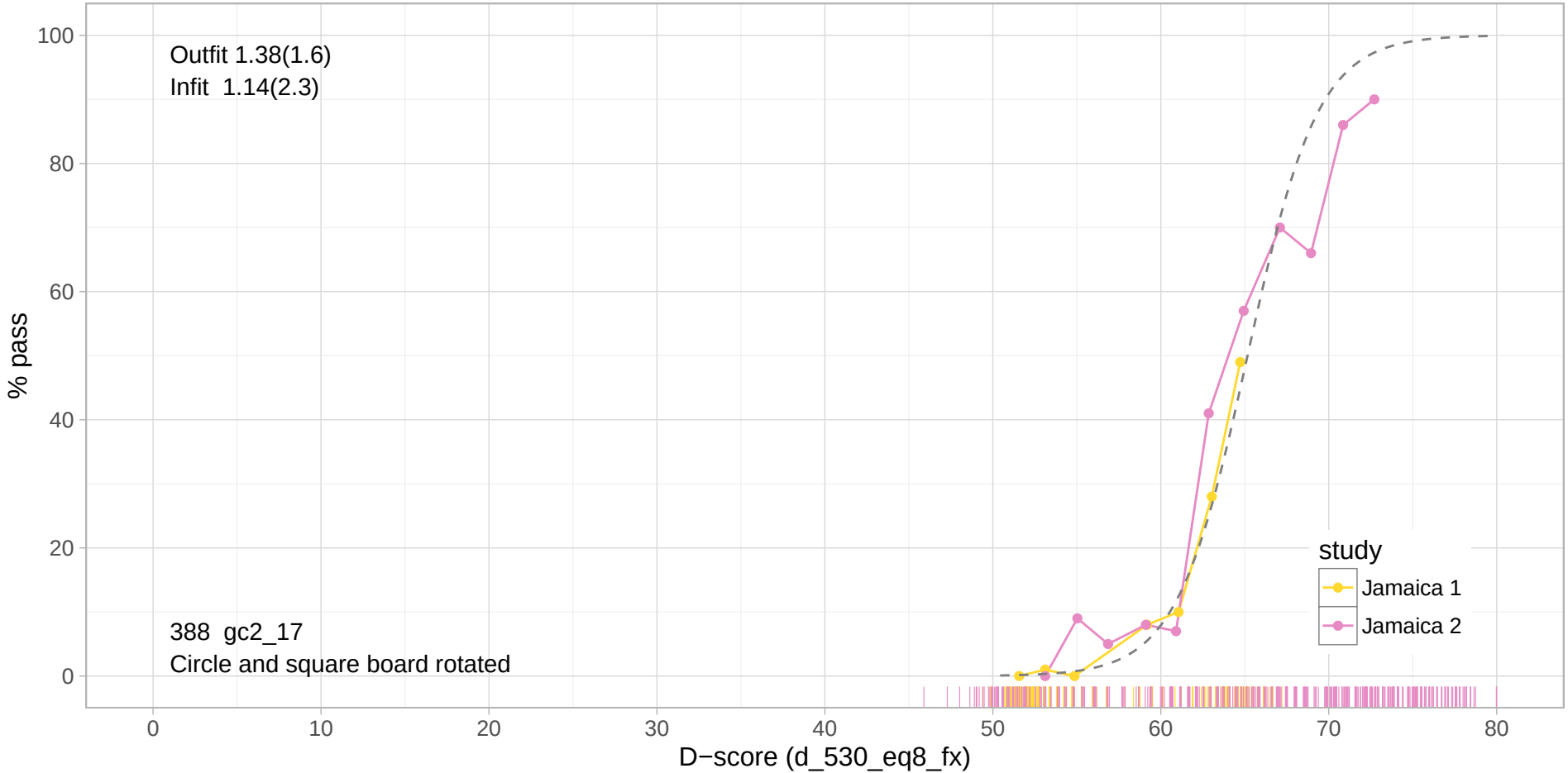

Outfit 1.15(0.98)
Infit 0.98(−0.29)
383 gc2_11
(Performance) Three hole board − one in.
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

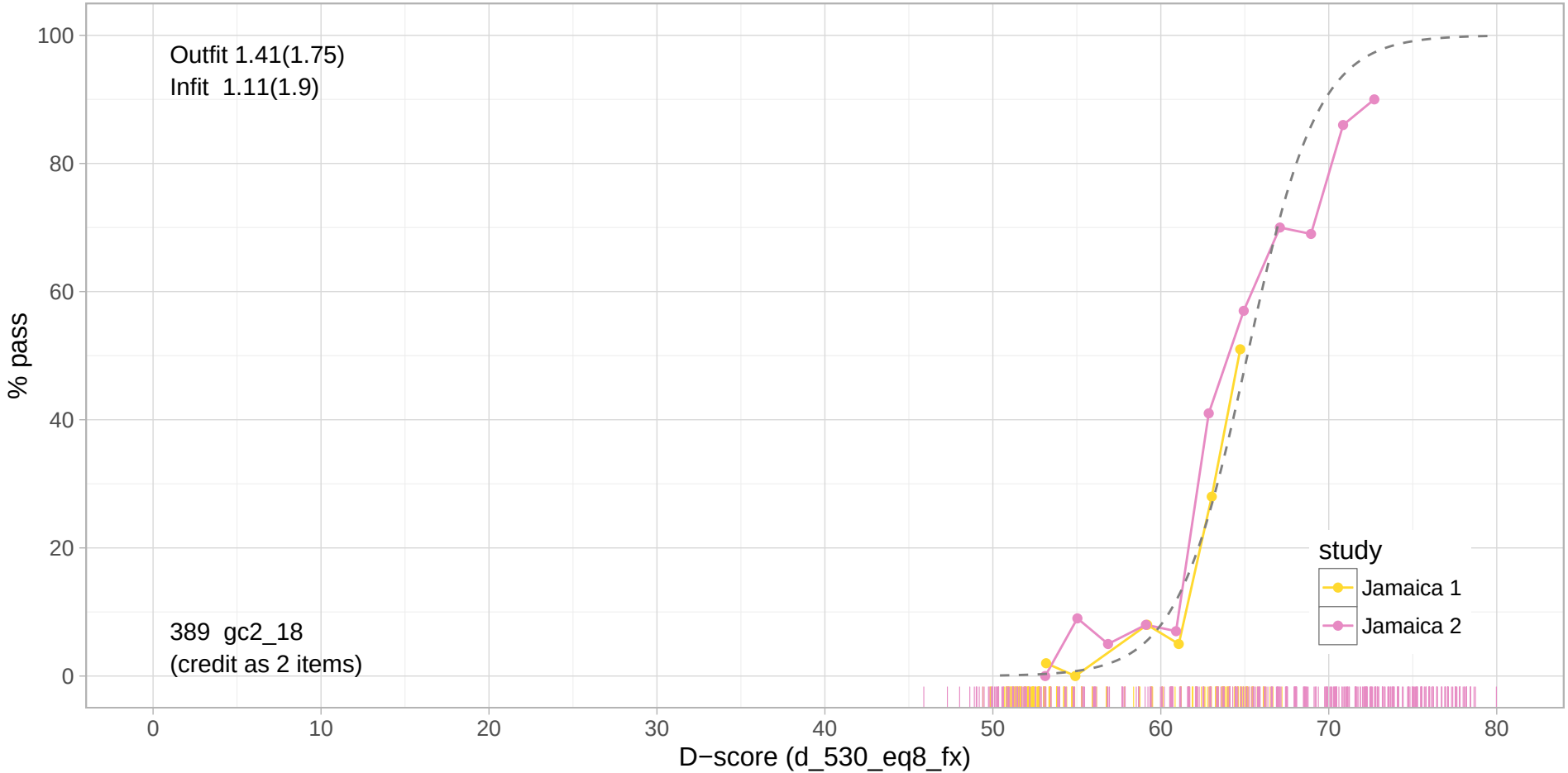

Outfit 1.48(2.17)
Infit 1.45(5.03)
384 gc2_12
Puts 2 cubes into box lid on − all complete
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

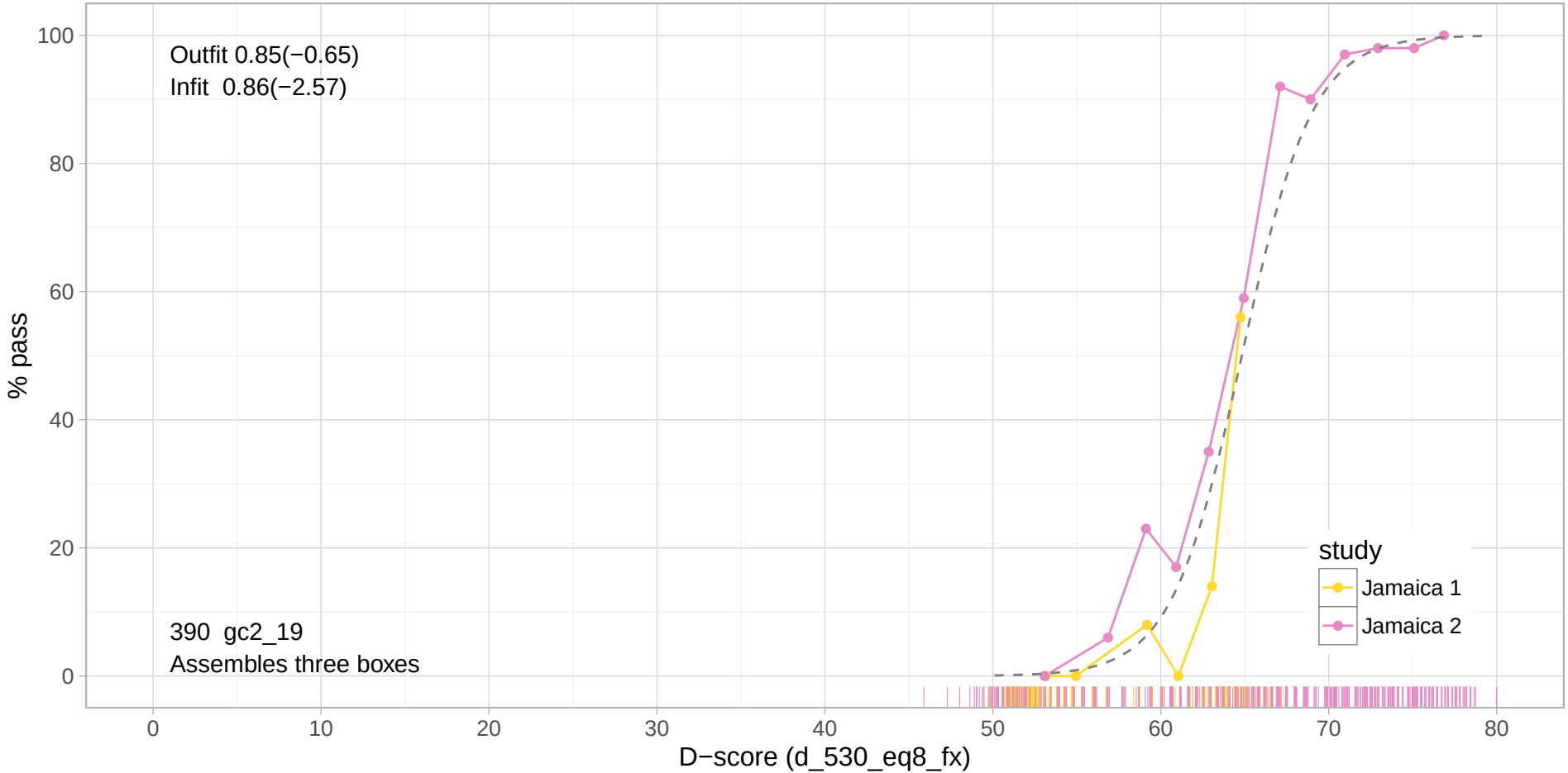

Outfit 0.77(−1.29)
Infit 0.93(−0.89)
385 gc2_13
Circle and square board together
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

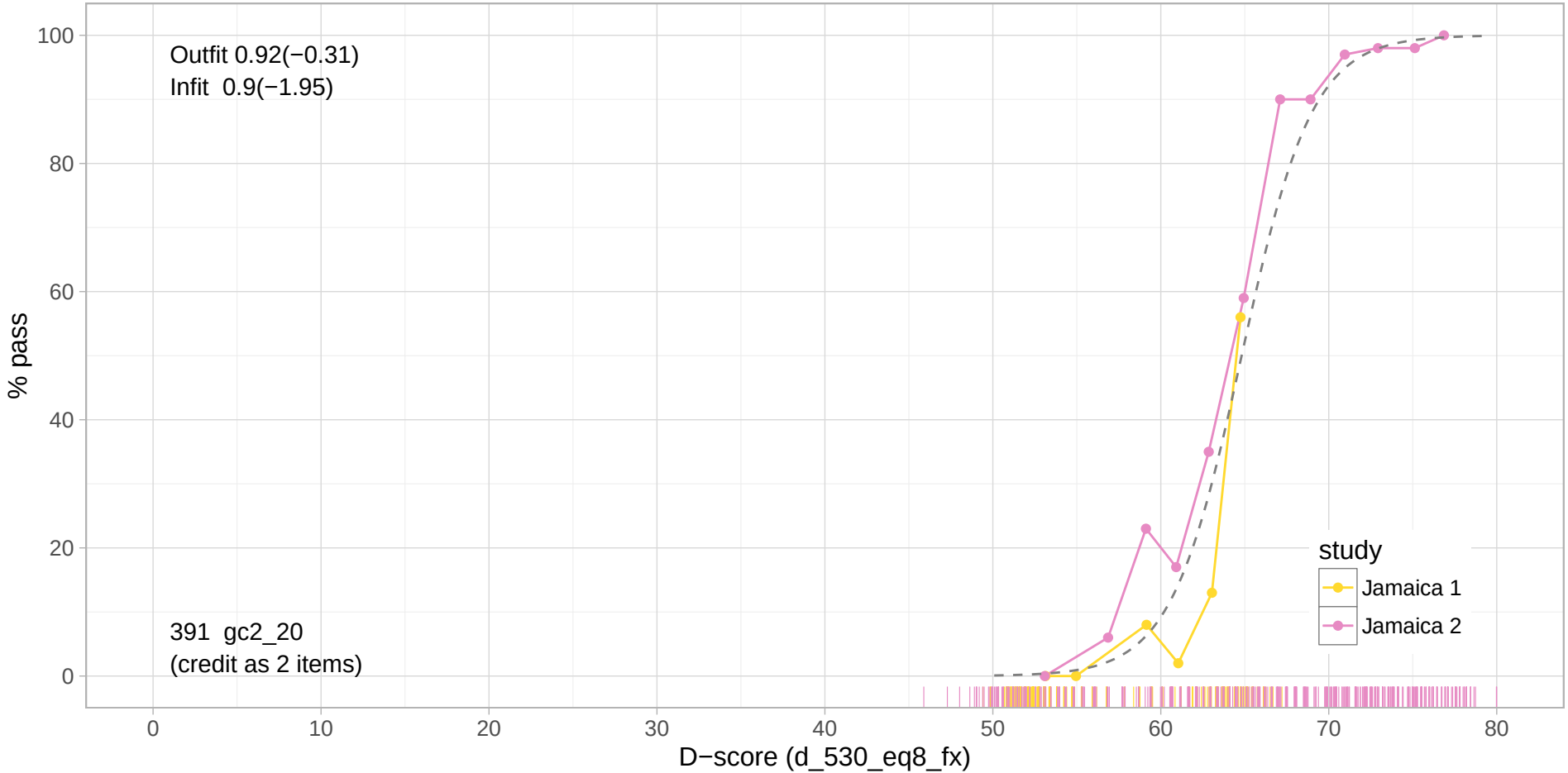

Outfit 1.11(0.63)
Infit 1.14(1.84)
386 gc2_14
Three−hole board − two in
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

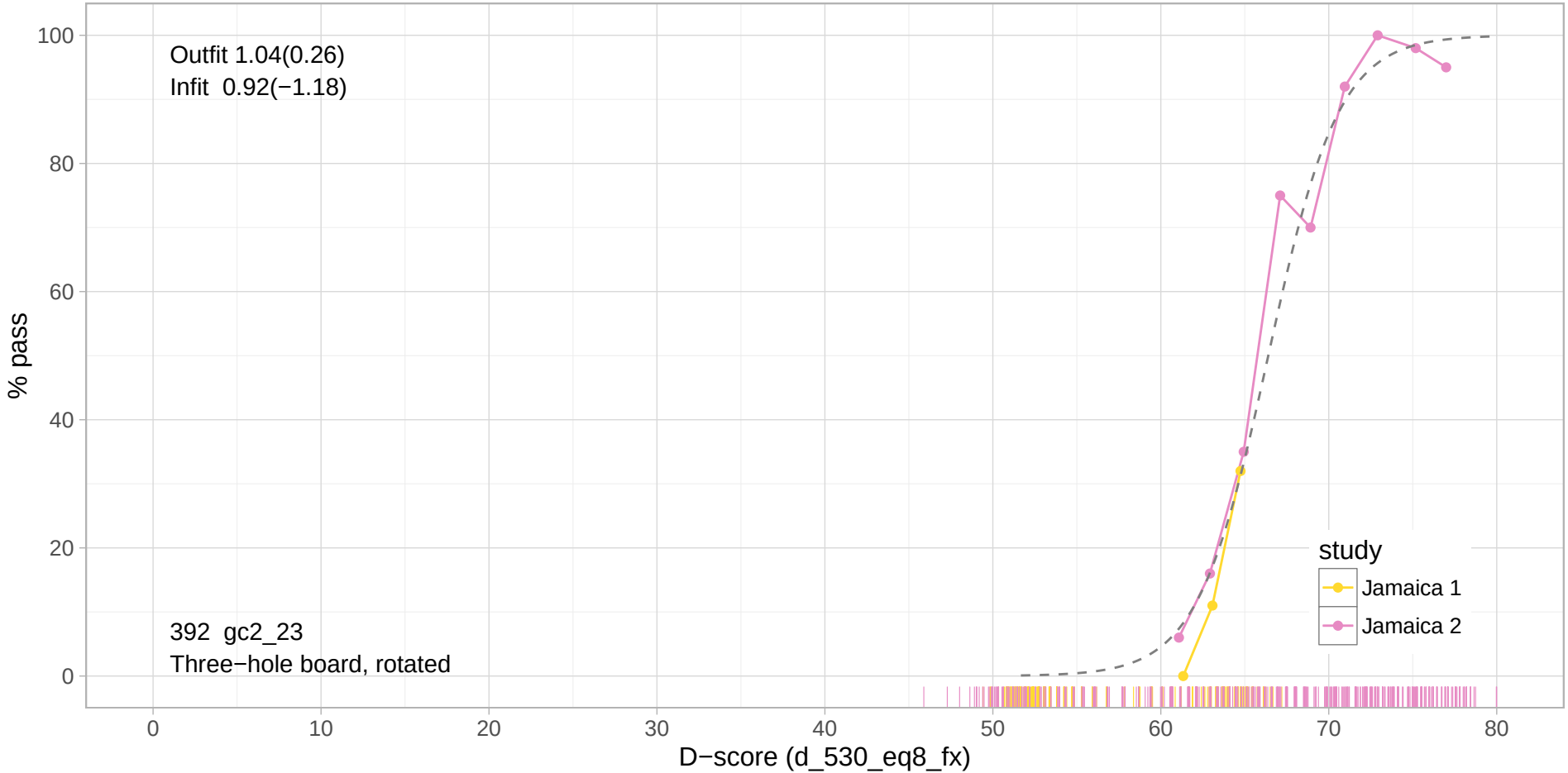

Outfit 0.69(−1.56)
Infit 0.87(−2.5)
387 gc2_15
(Performance) Three−hole board − three in.
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

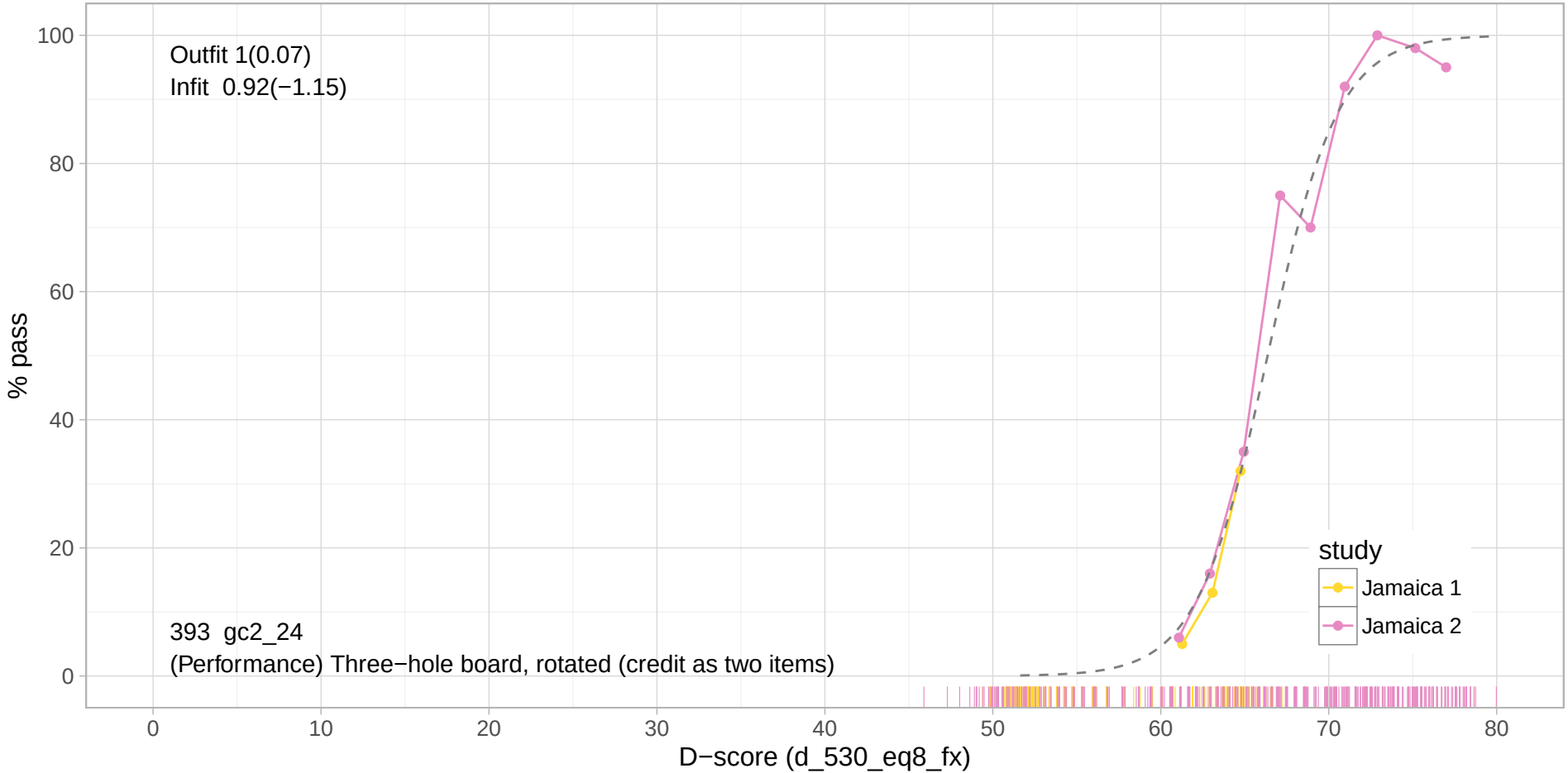

Outfit 1.38(1.6)
Infit 1.14(2.3)
388 gc2_17
Circle and square board rotated
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

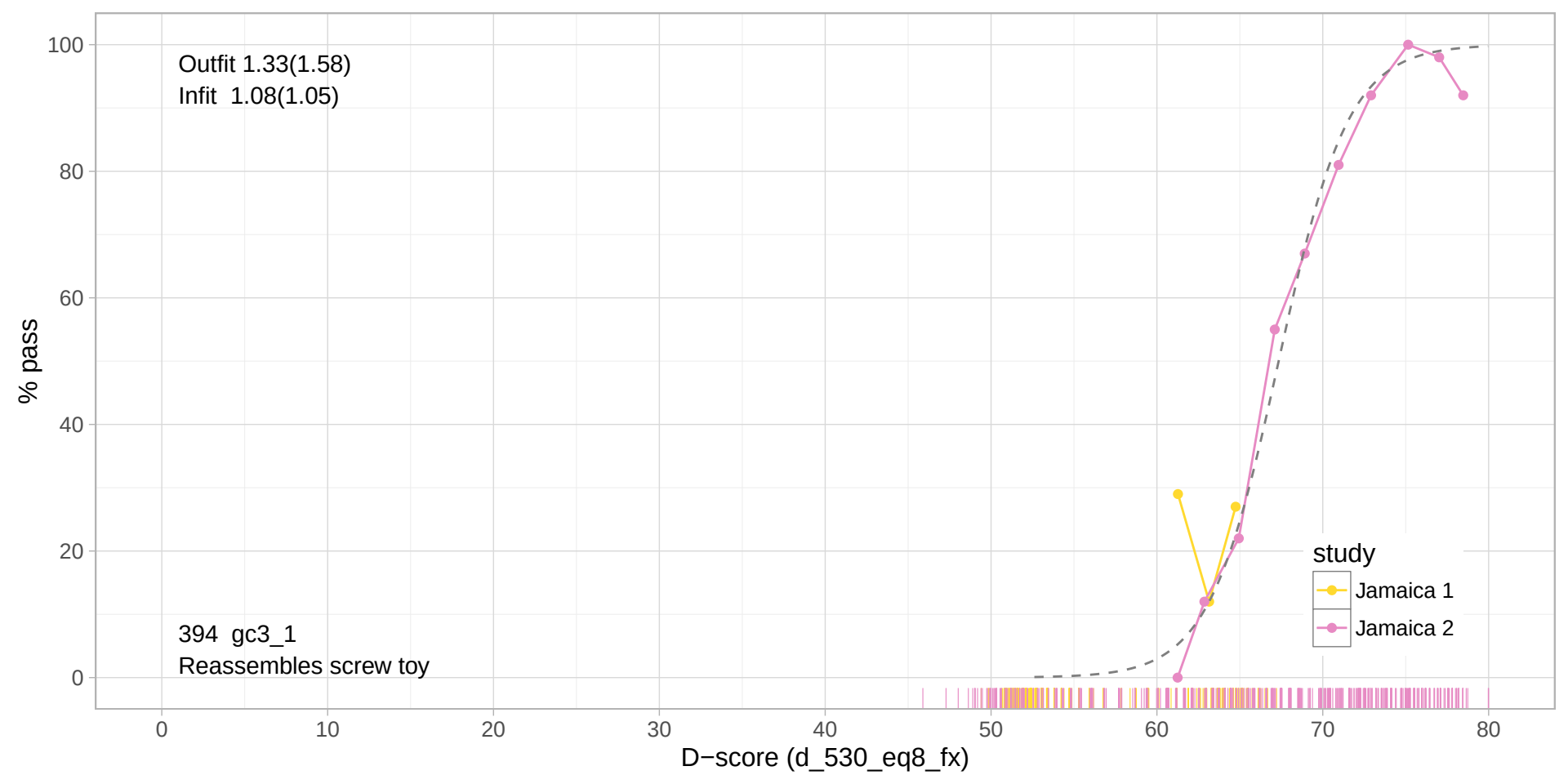

Outfit 1.41(1.75)
Infit 1.11(1.9)
389 gc2_18
(credit as 2 items)
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

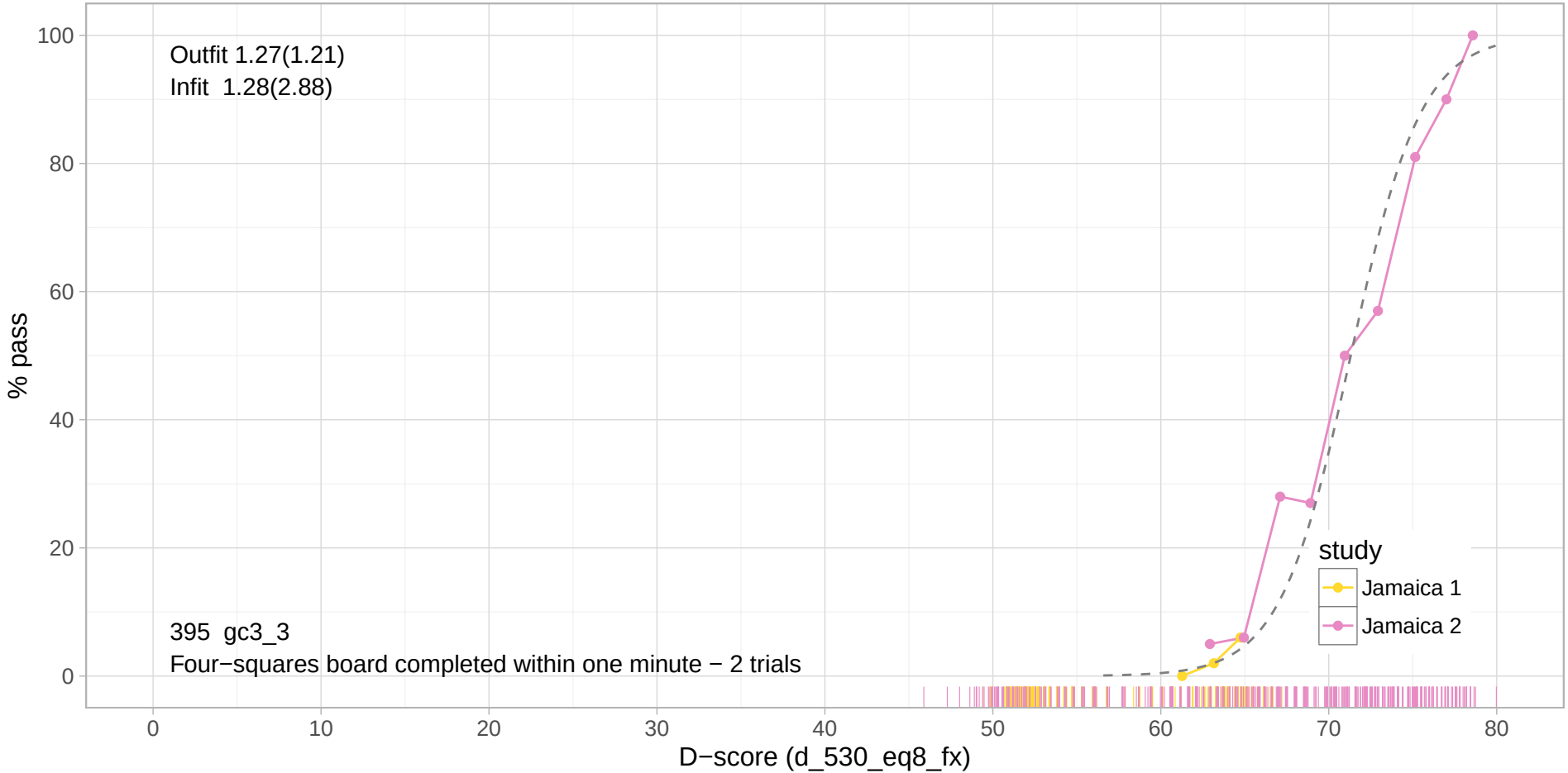

Outfit 0.85(−0.65)
Infit 0.86(−2.57)
390 gc2_19
Assembles three boxes
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

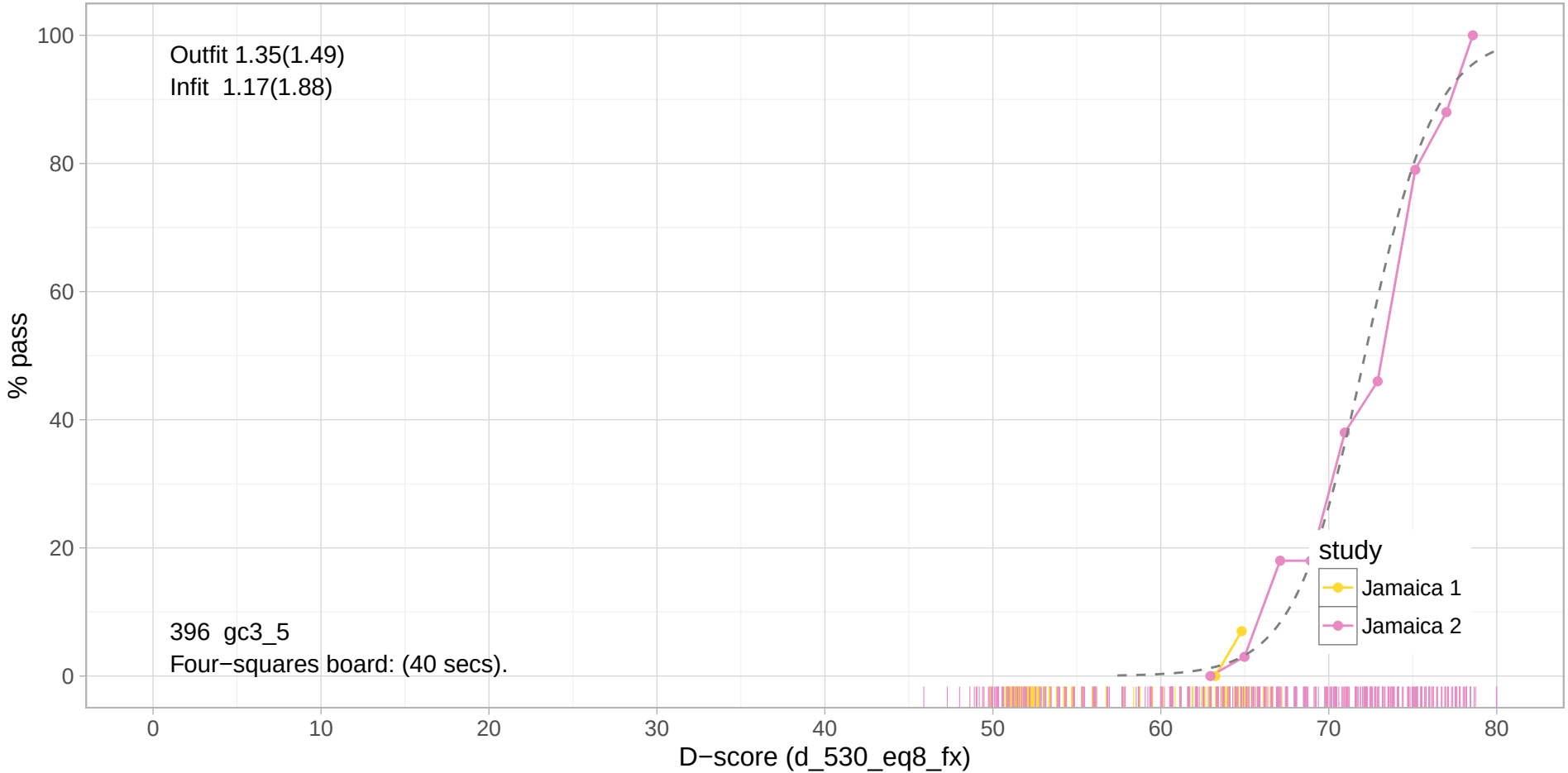

Outfit 0.92(−0.31)
Infit 0.9(−1.95)
391 gc2_20
(credit as 2 items)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

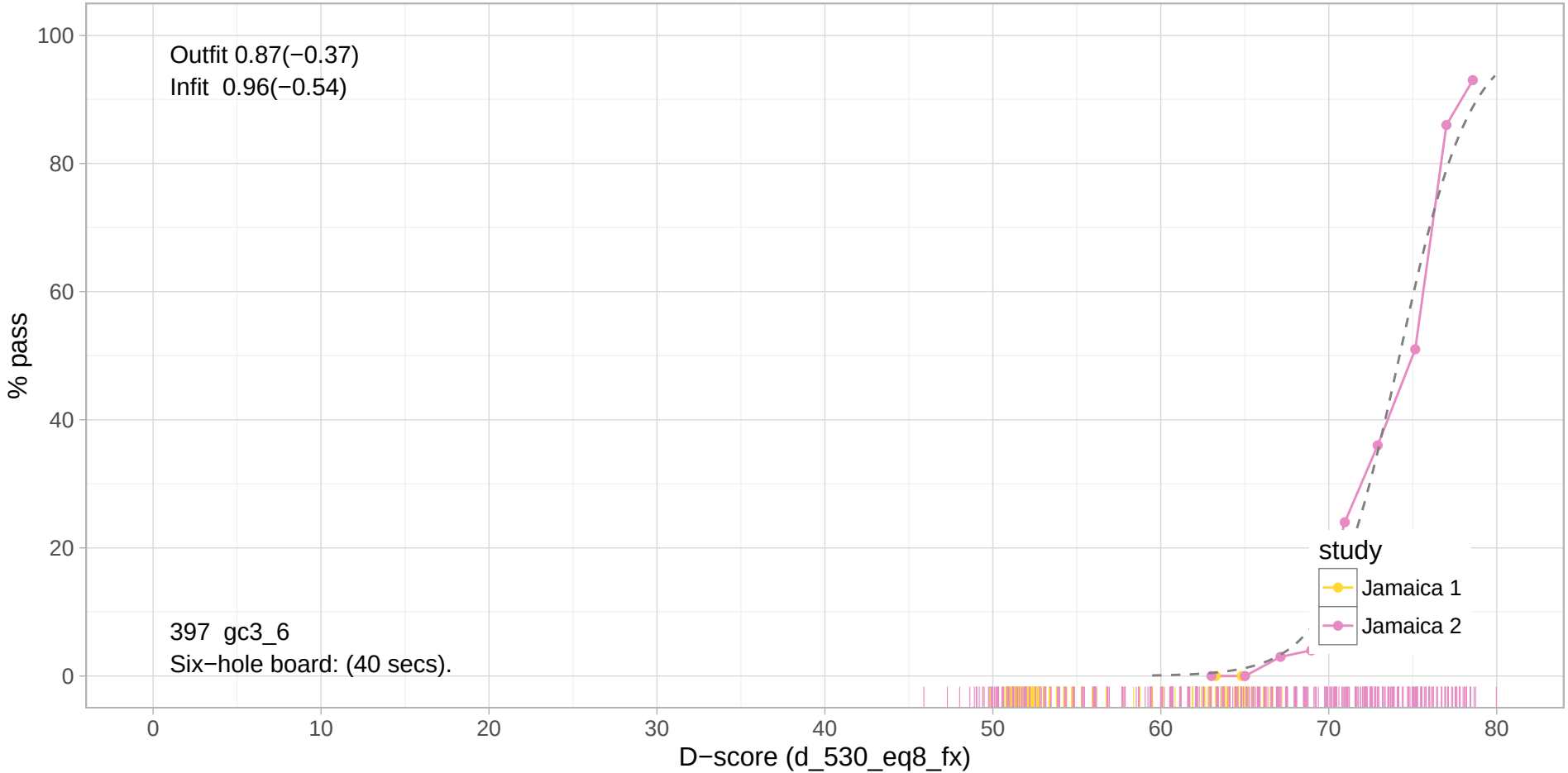

Outfit 1.04(0.26)
Infit 0.92(−1.18)
392 gc2_23
Three−hole board, rotated
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

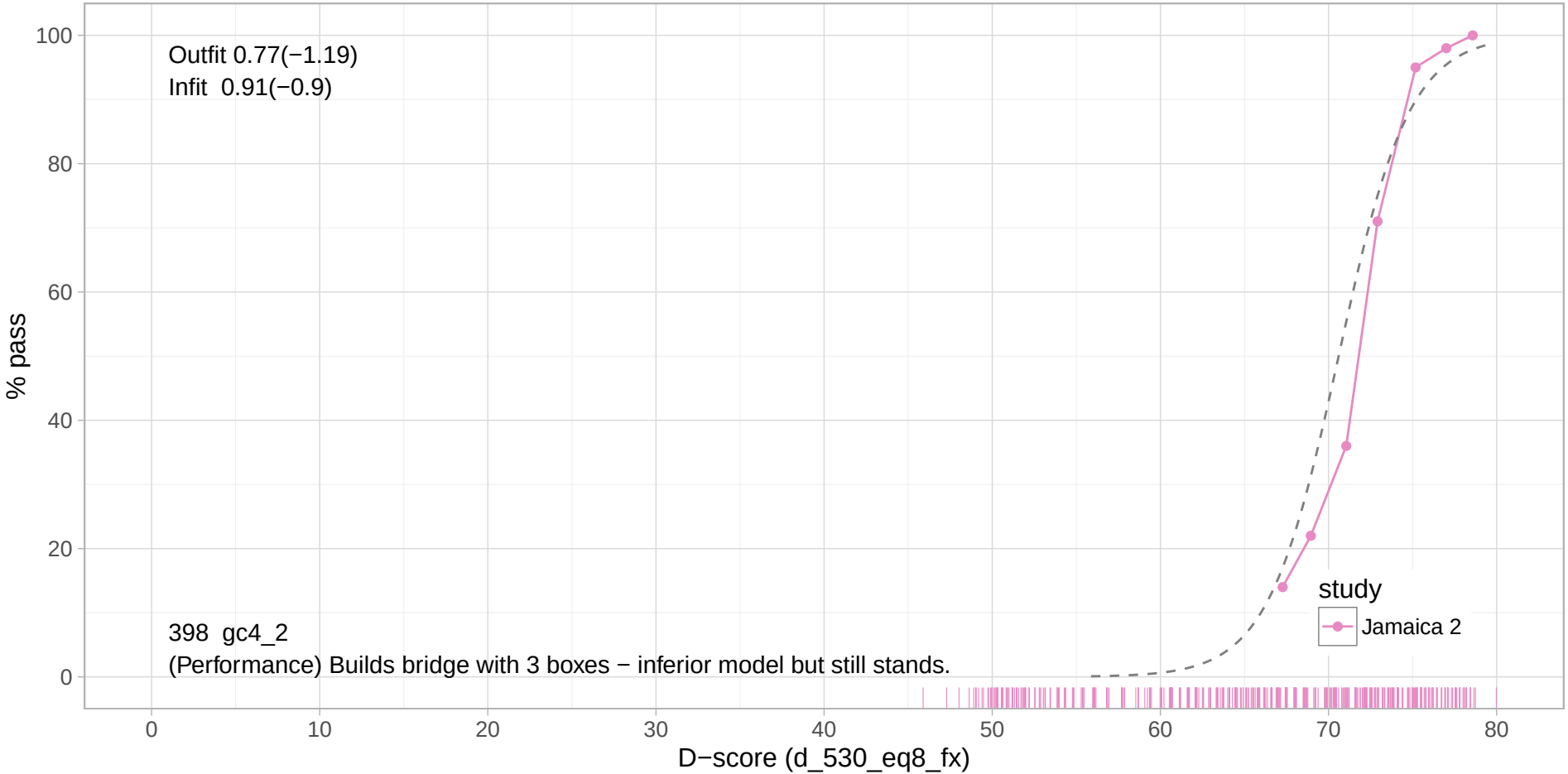

Outfit 1(0.07)
Infit 0.92(−1.15)
393 gc2_24
(Performance) Three−hole board, rotated (credit as two items)
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

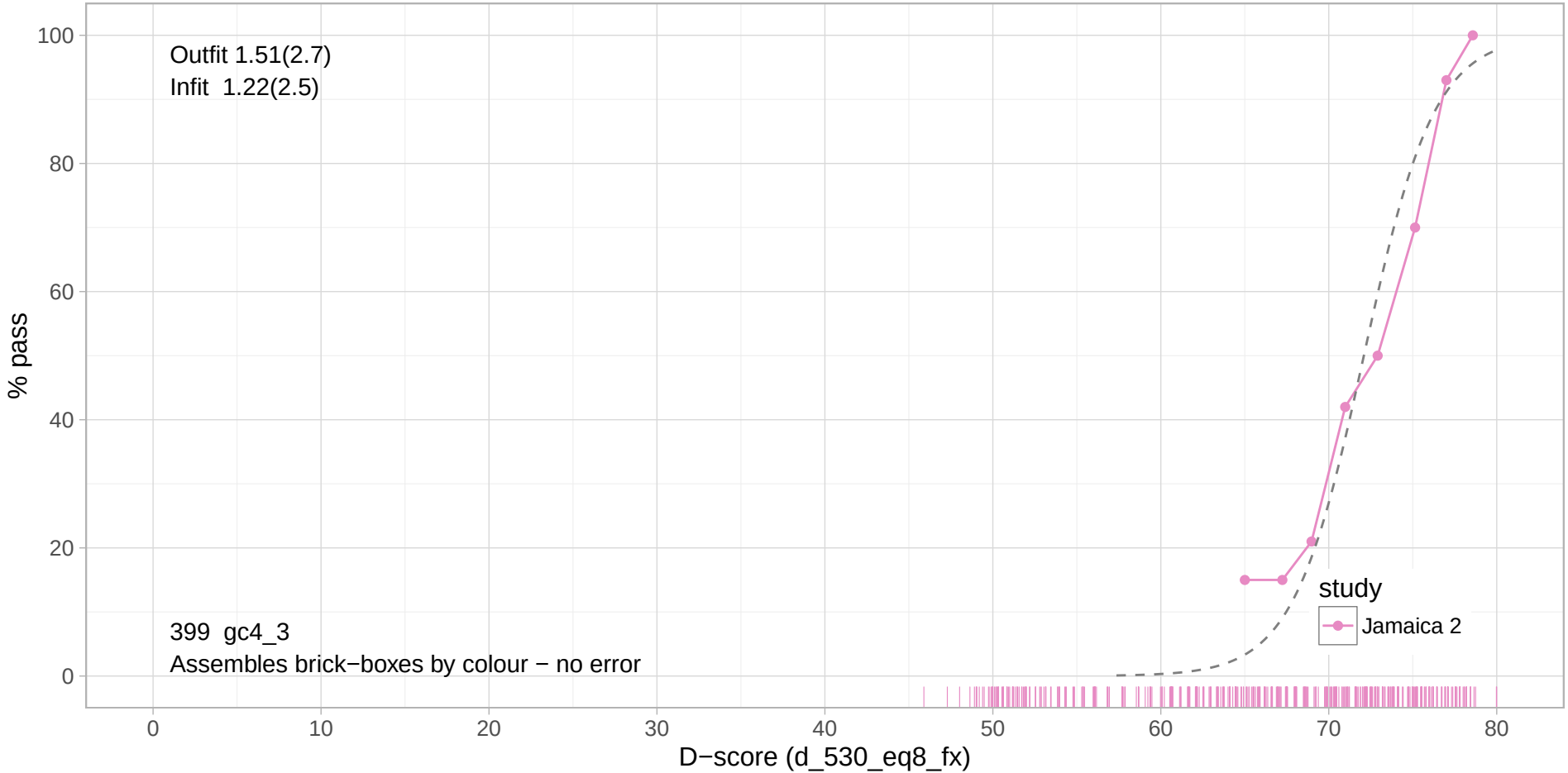

Outfit 1.33(1.58)
Infit 1.08(1.05)
394 gc3_1
Reassembles screw toy
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

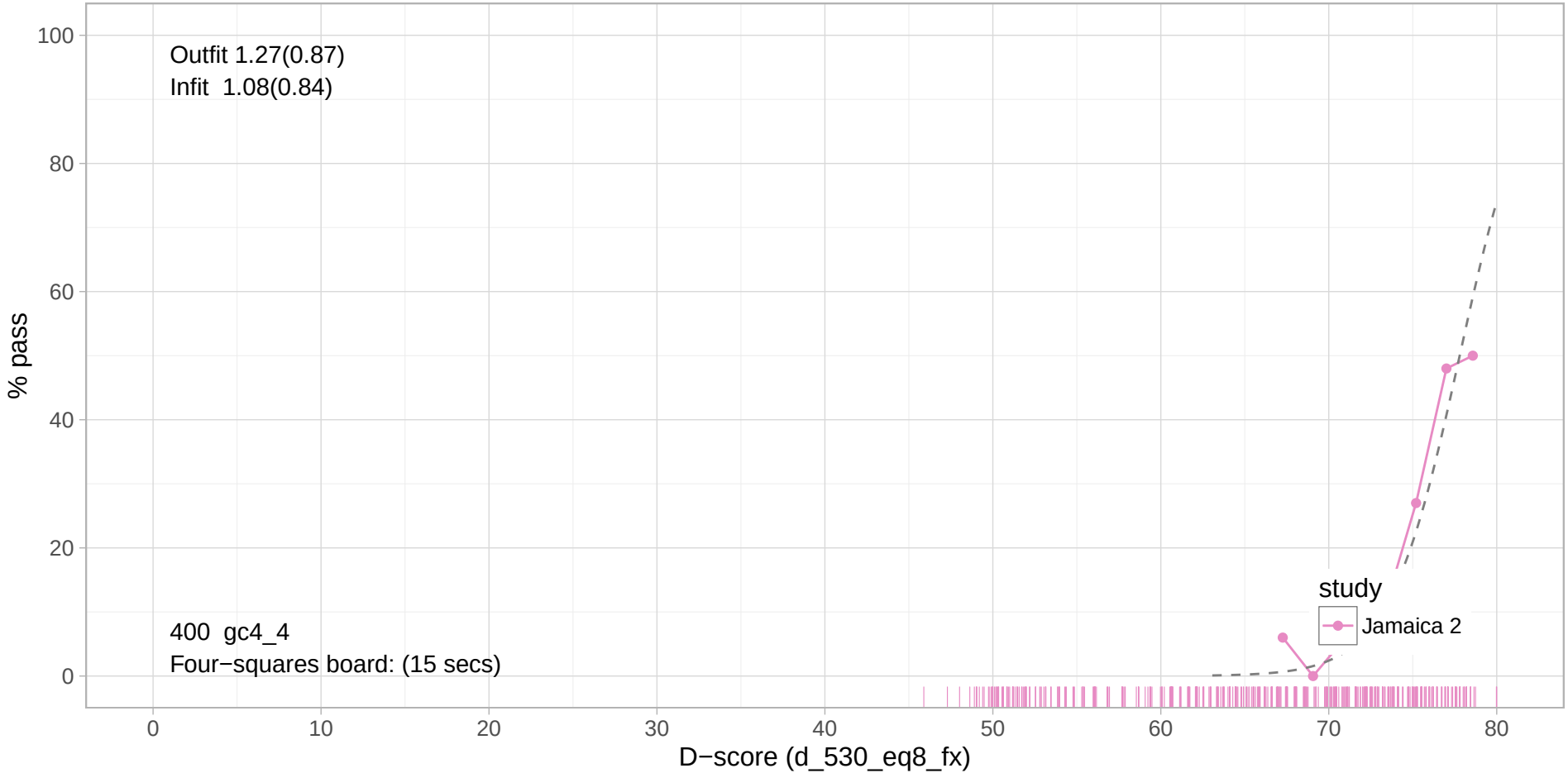

Outfit 1.27(1.21)
Infit 1.28(2.88)
395 gc3_3
Four−squares board completed within one minute − 2 trials
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

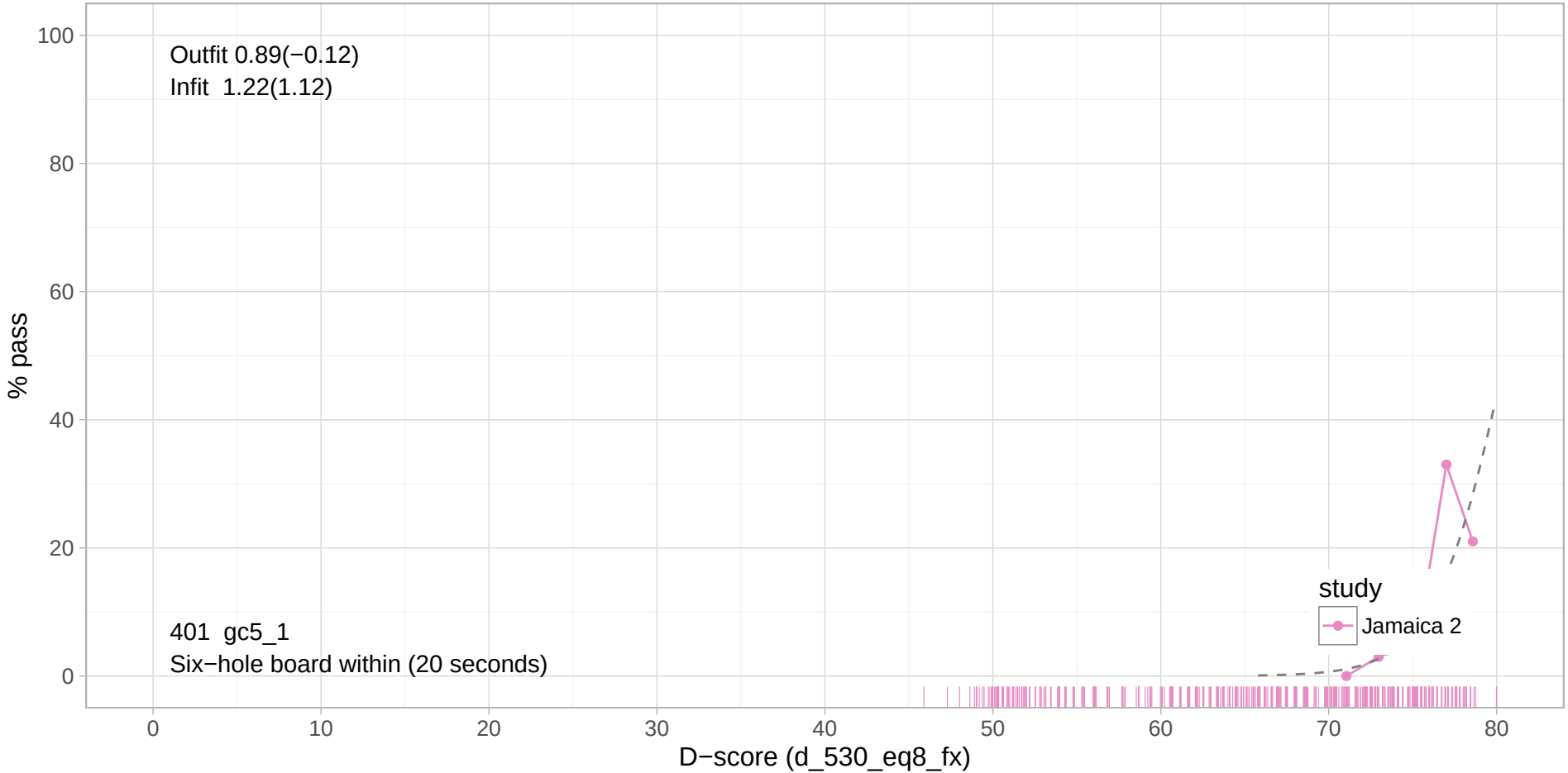

Outfit 1.35(1.49)
Infit 1.17(1.88)
396 gc3_5
Four−squares board: (40 secs).
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

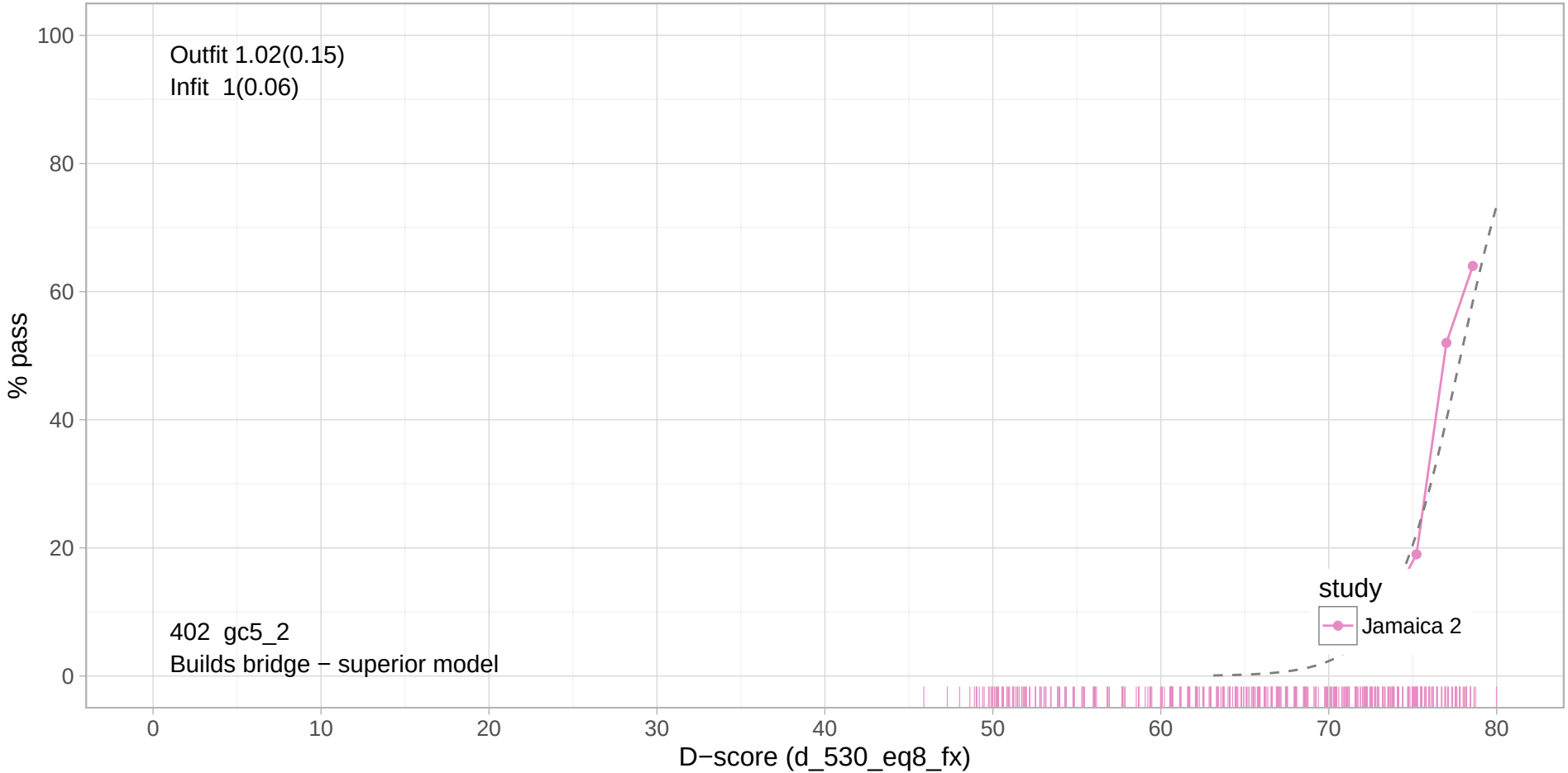

Outfit 0.87(−0.37)
Infit 0.96(−0.54)
397 gc3_6
Six−hole board: (40 secs).
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

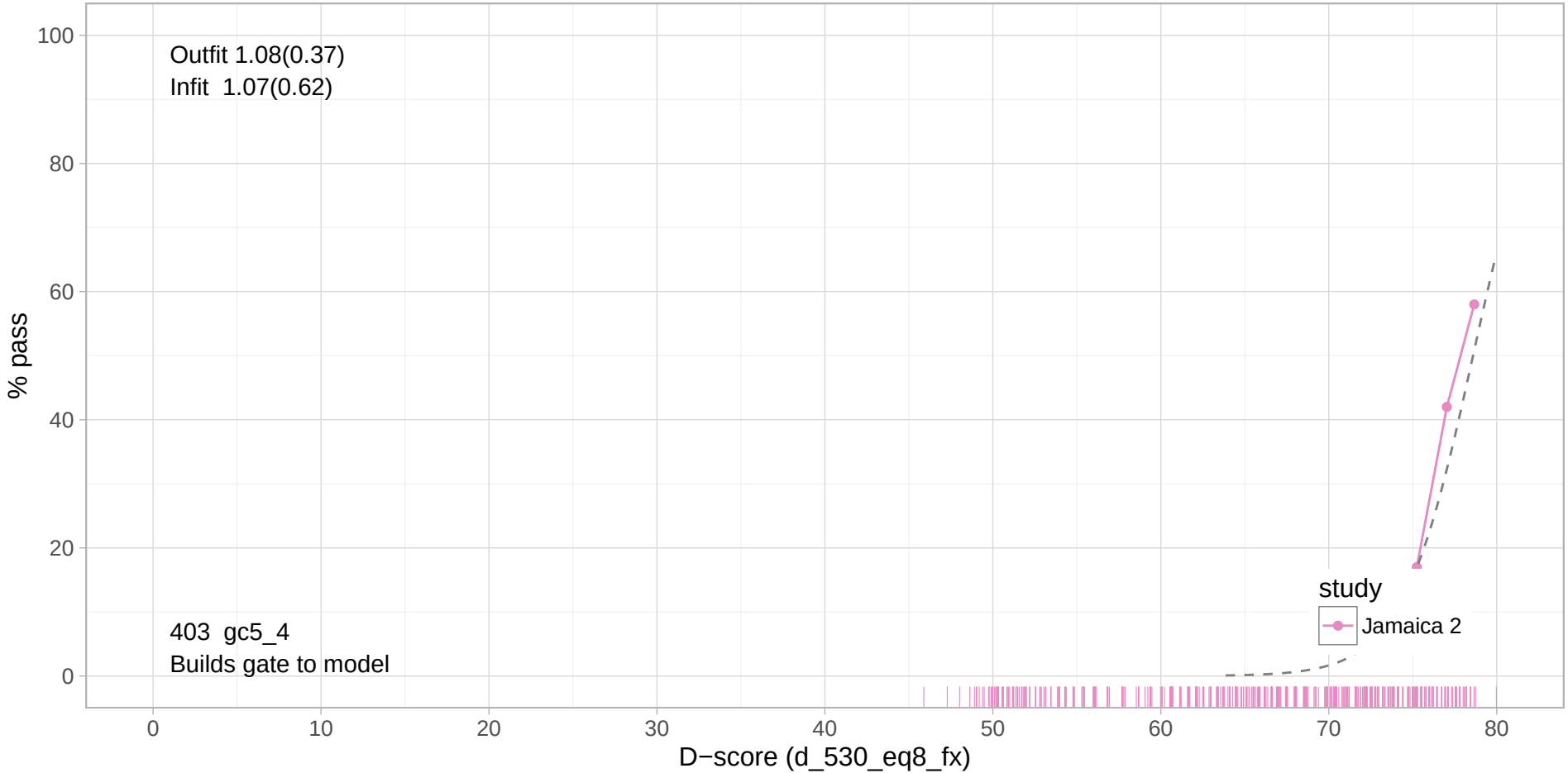

Outfit 0.77(−1.19)
Infit 0.91(−0.9)
398 gc4_2
(Performance) Builds bridge with 3 boxes − inferior model but still stands.
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

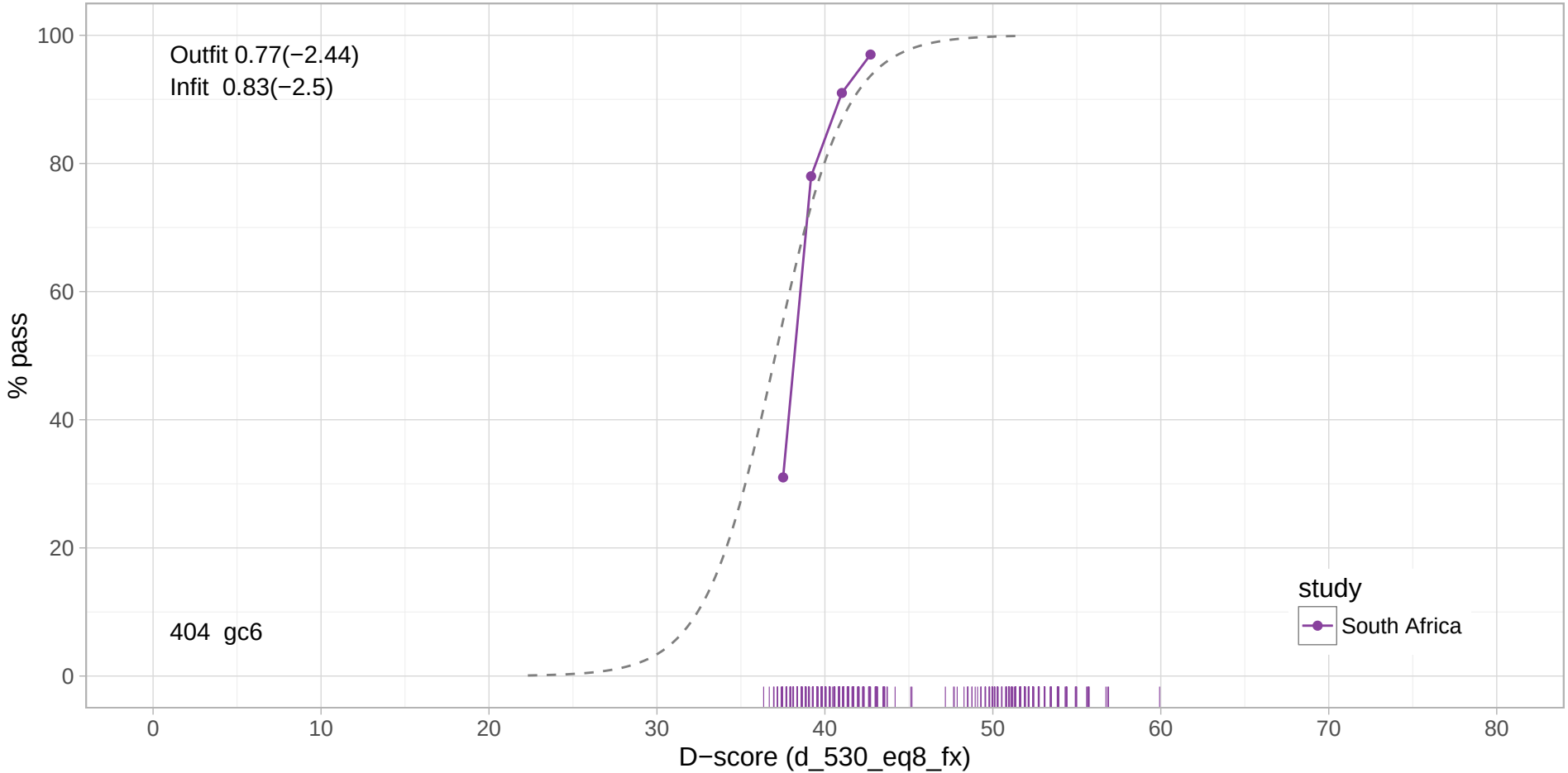

Outfit 1.51(2.7)
Infit 1.22(2.5)
399 gc4_3
Assembles brick−boxes by colour − no error
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

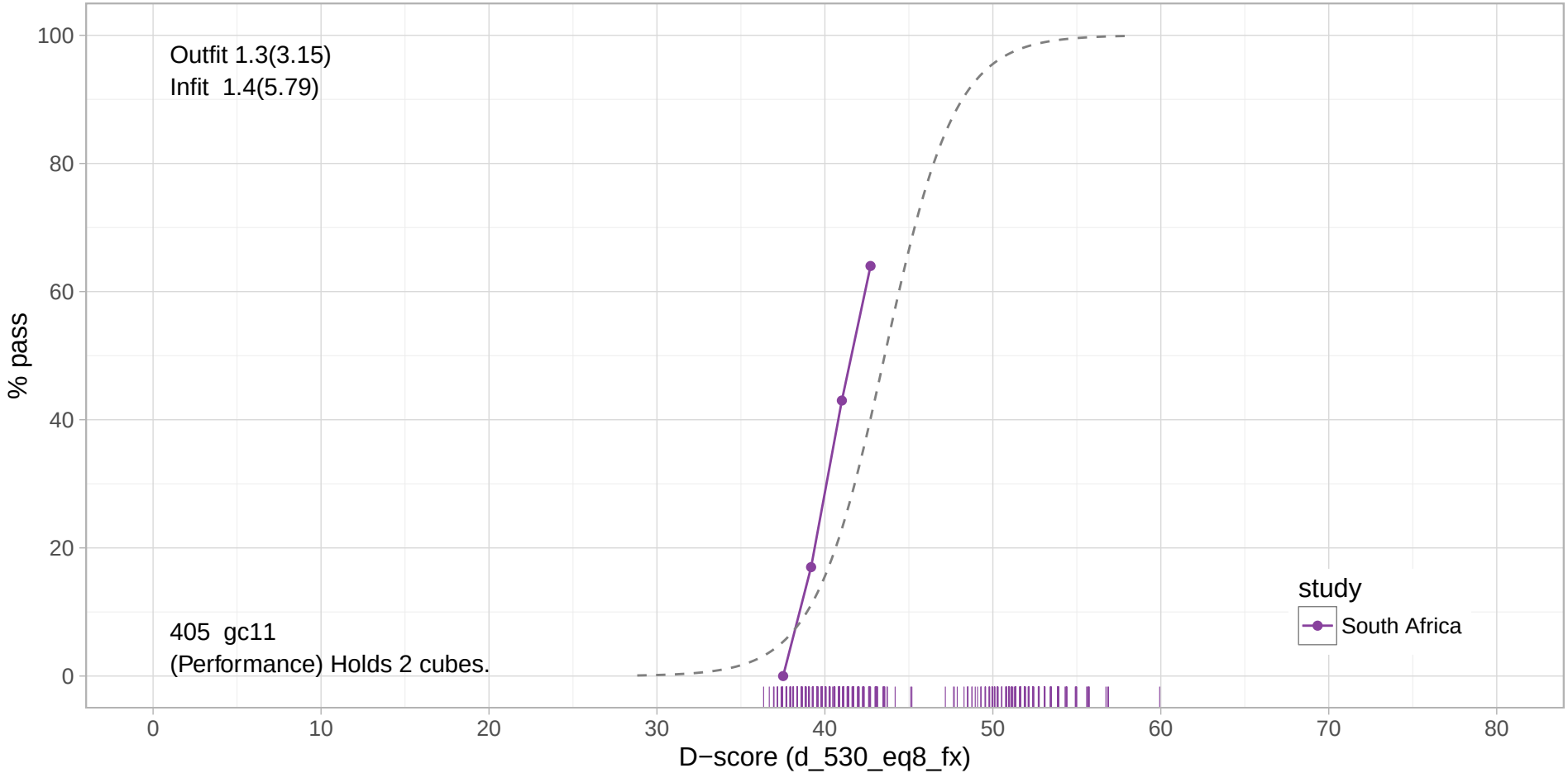

Outfit 1.27(0.87)
Infit 1.08(0.84)
400 gc4_4
Four−squares board: (15 secs)
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

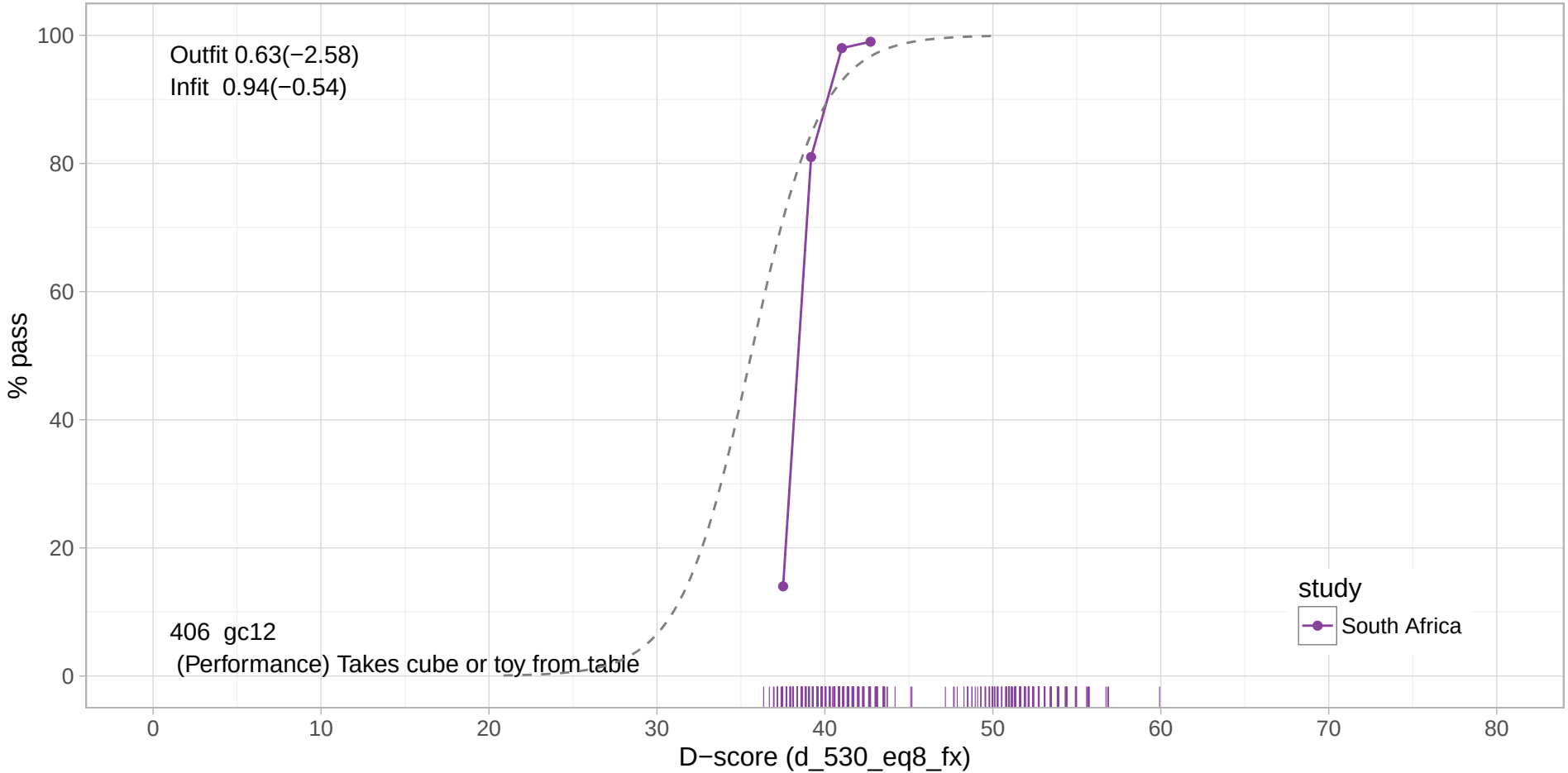

Outfit 0.89(−0.12)
Infit 1.22(1.12)
401 gc5_1
Six−hole board within (20 seconds)
% pass
D−score (d_530_eq8_fx)
study
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

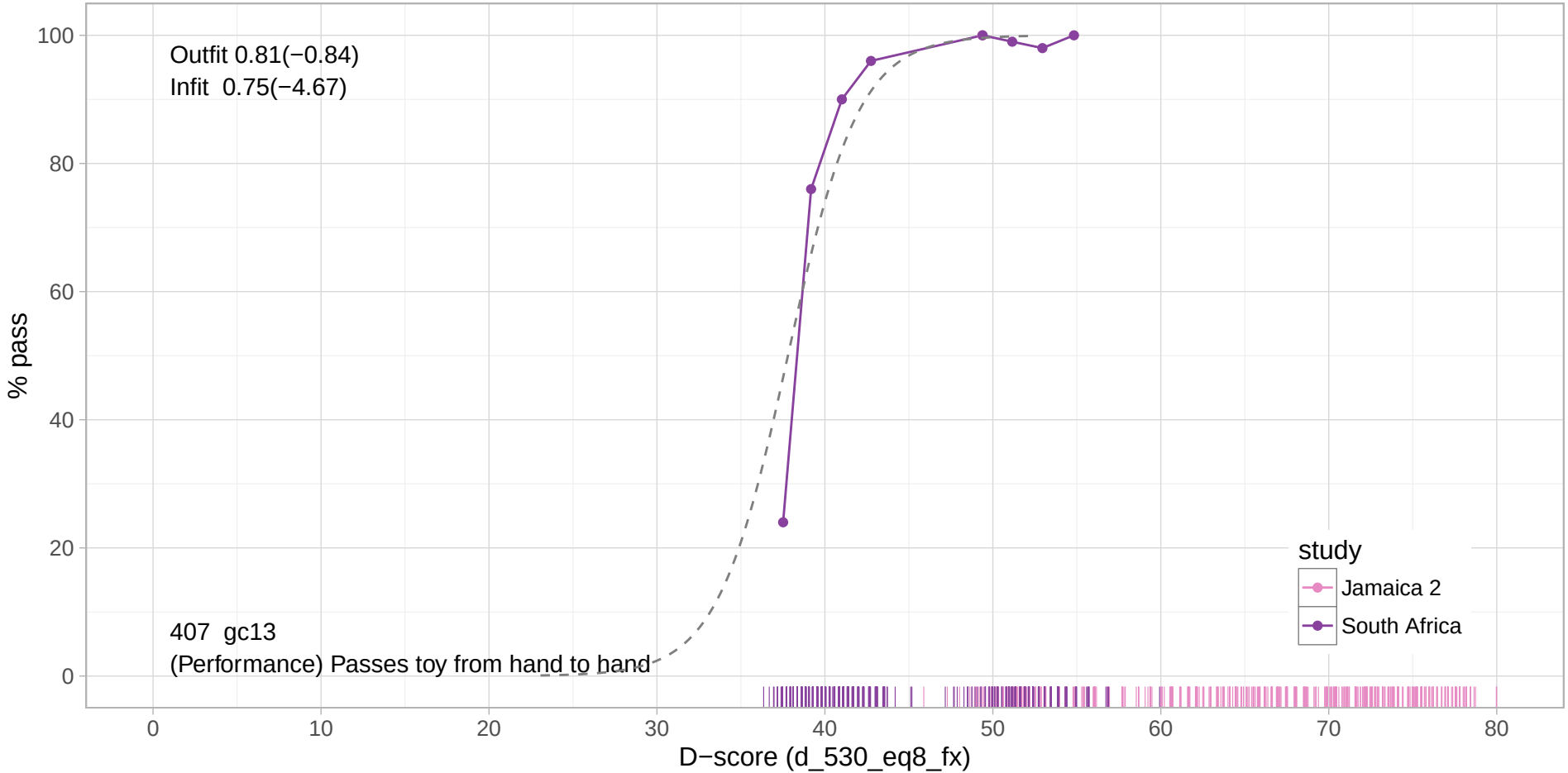

Outfit 1.02(0.15)
Infit 1(0.06)
402 gc5_2
Builds bridge − superior model
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2

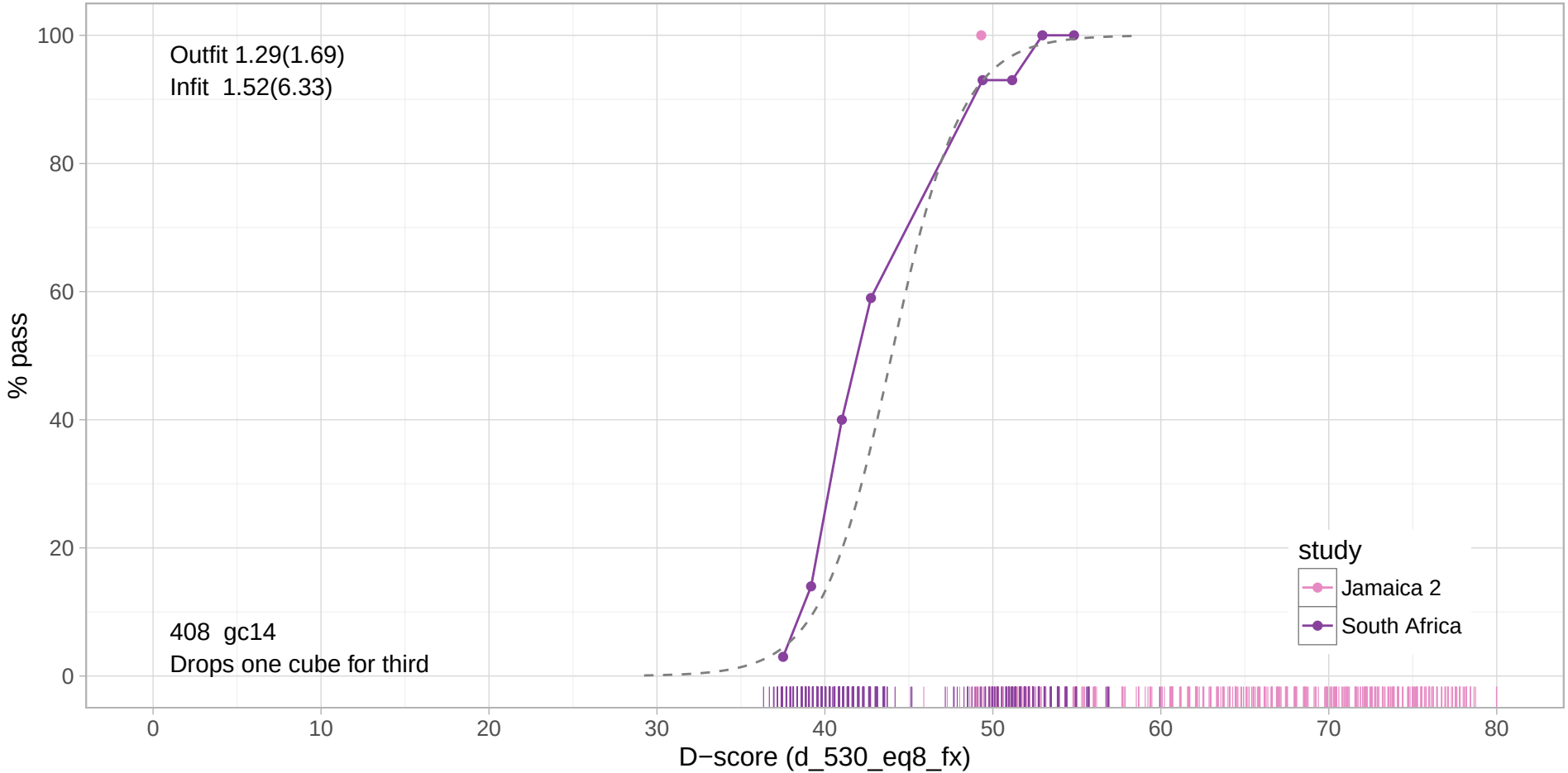

Outfit 1.08(0.37)
Infit 1.07(0.62)
403 gc5_4
Builds gate to model
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

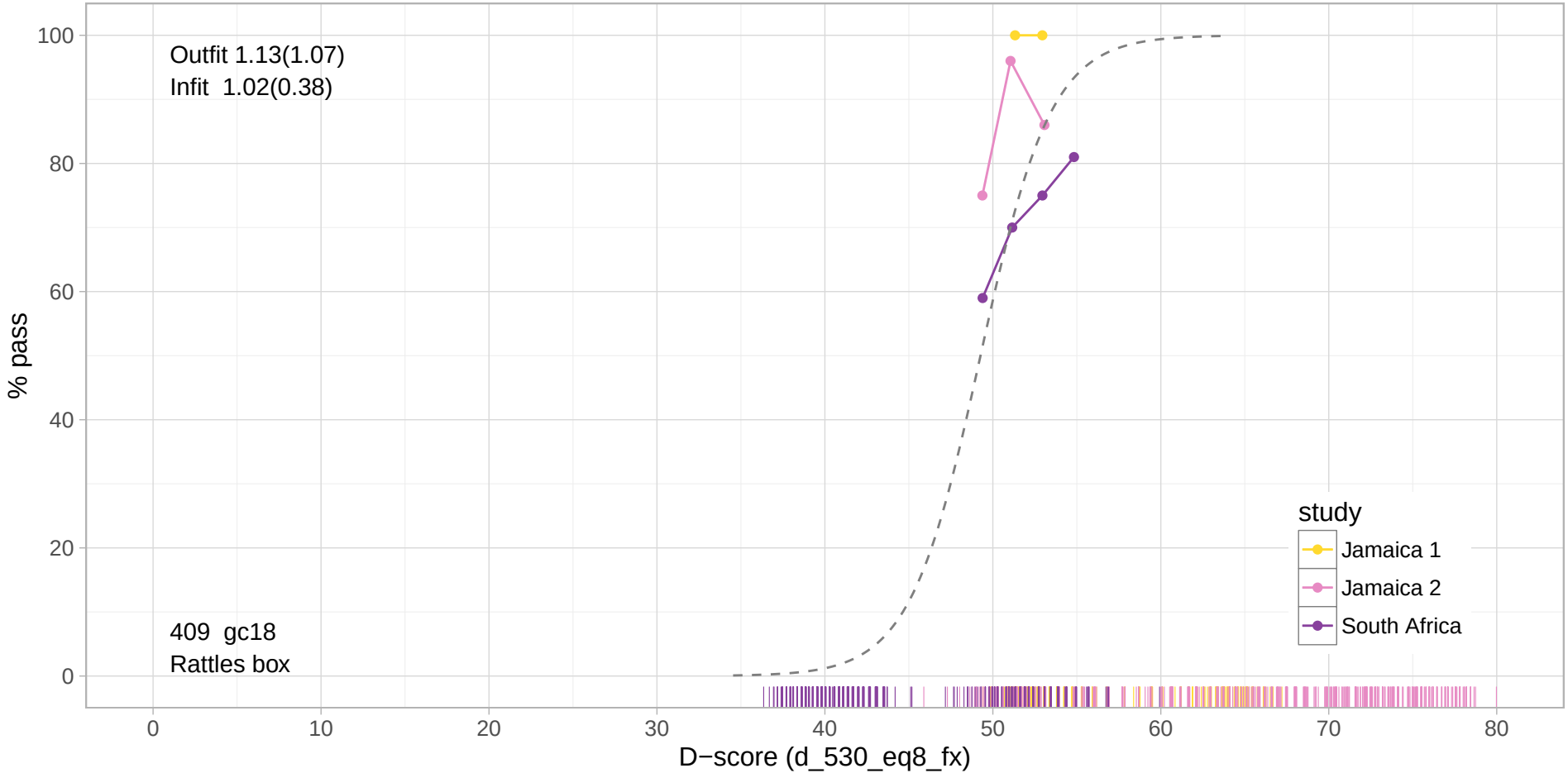

Outfit 0.77(−2.44)
Infit 0.83(−2.5)
404 gc6
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
South Africa

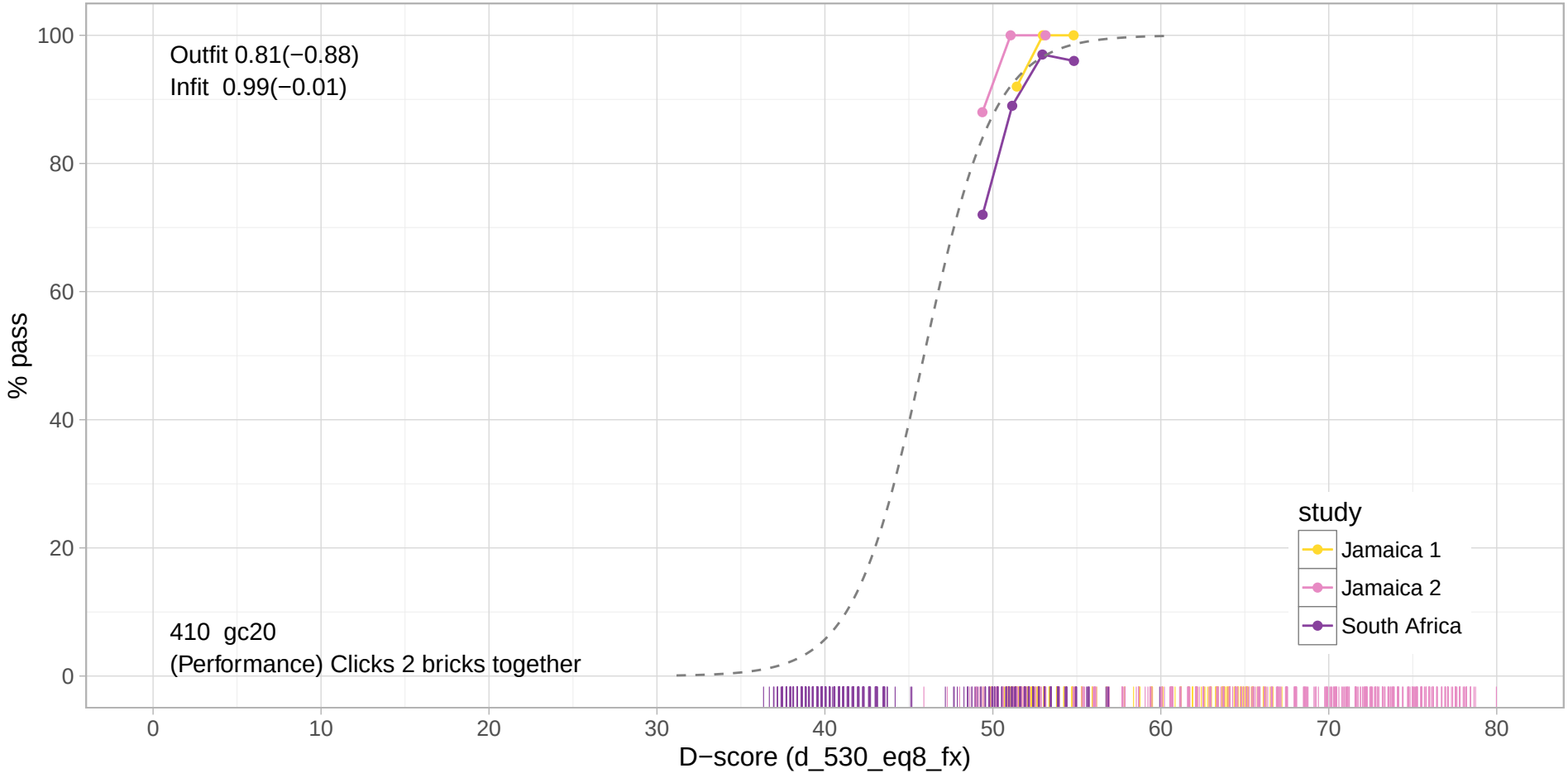

Outfit 1.3(3.15)
Infit 1.4(5.79)
405 gc11
(Performance) Holds 2 cubes.
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
South Africa

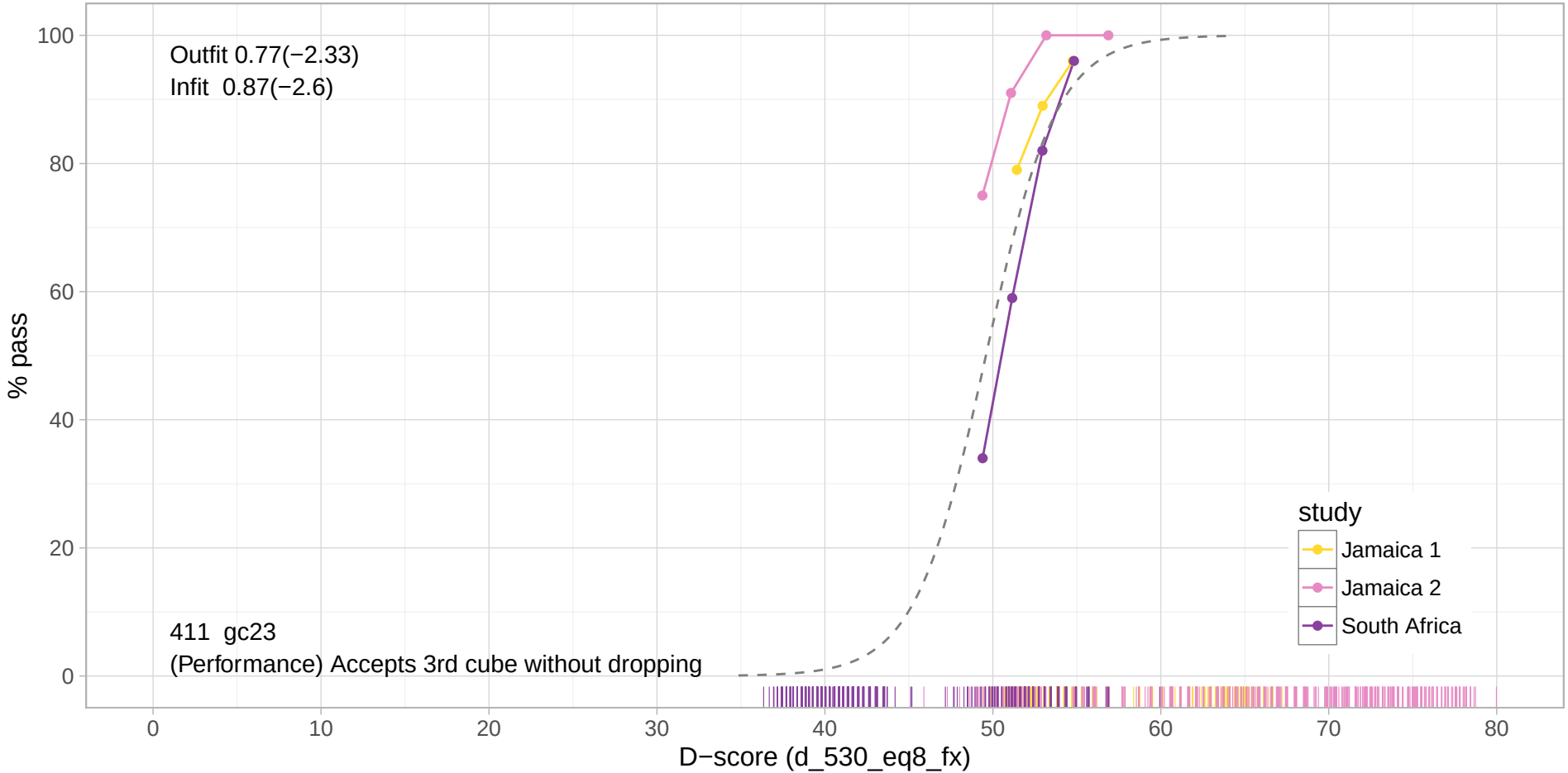

Outfit 0.63(−2.58)
Infit 0.94(−0.54)
406 gc12
(Performance) Takes cube or toy from table
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
South Africa

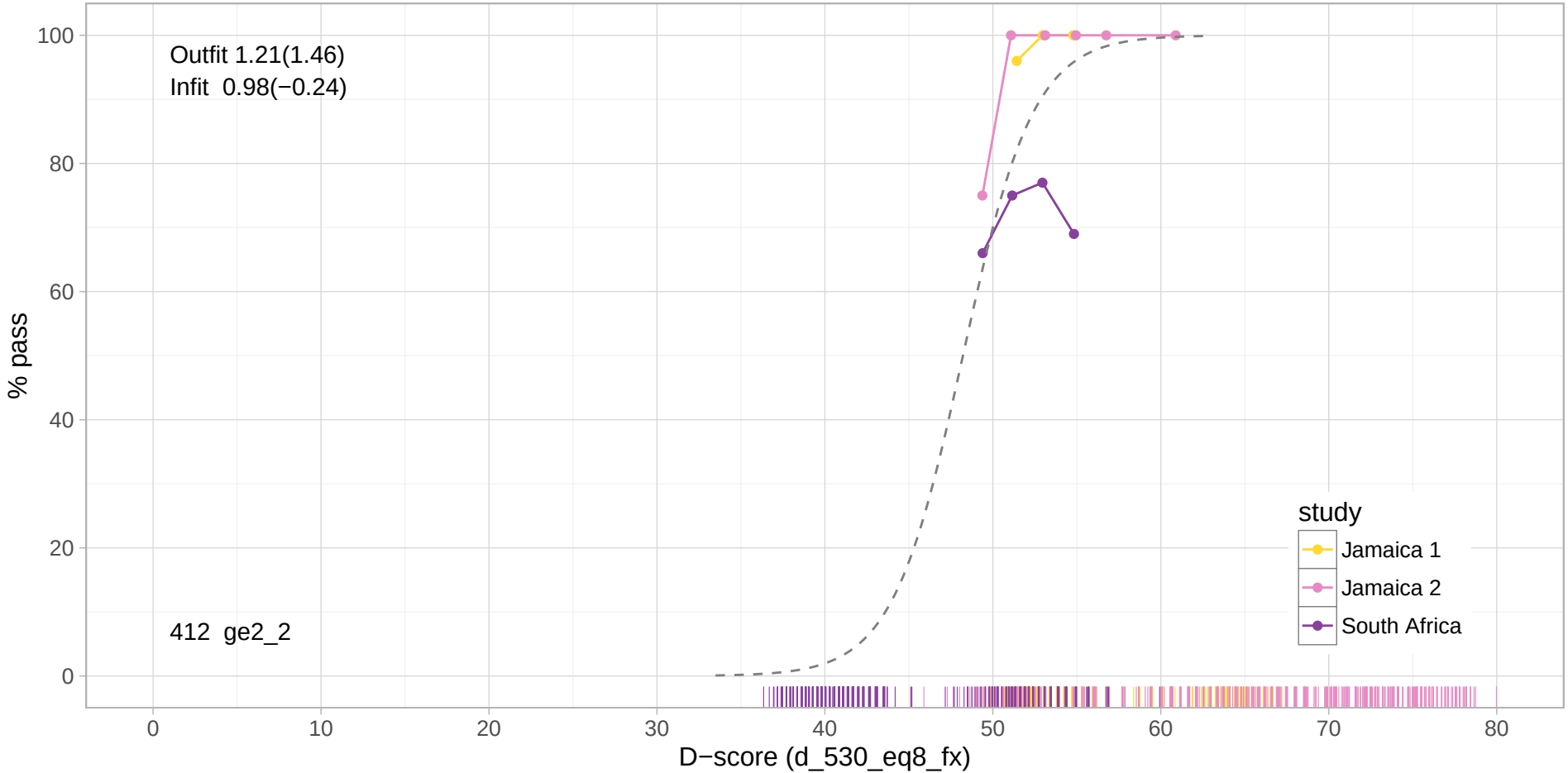

Outfit 0.81(−0.84)
Infit 0.75(−4.67)
407 gc13
(Performance) Passes toy from hand to hand
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2
South Africa

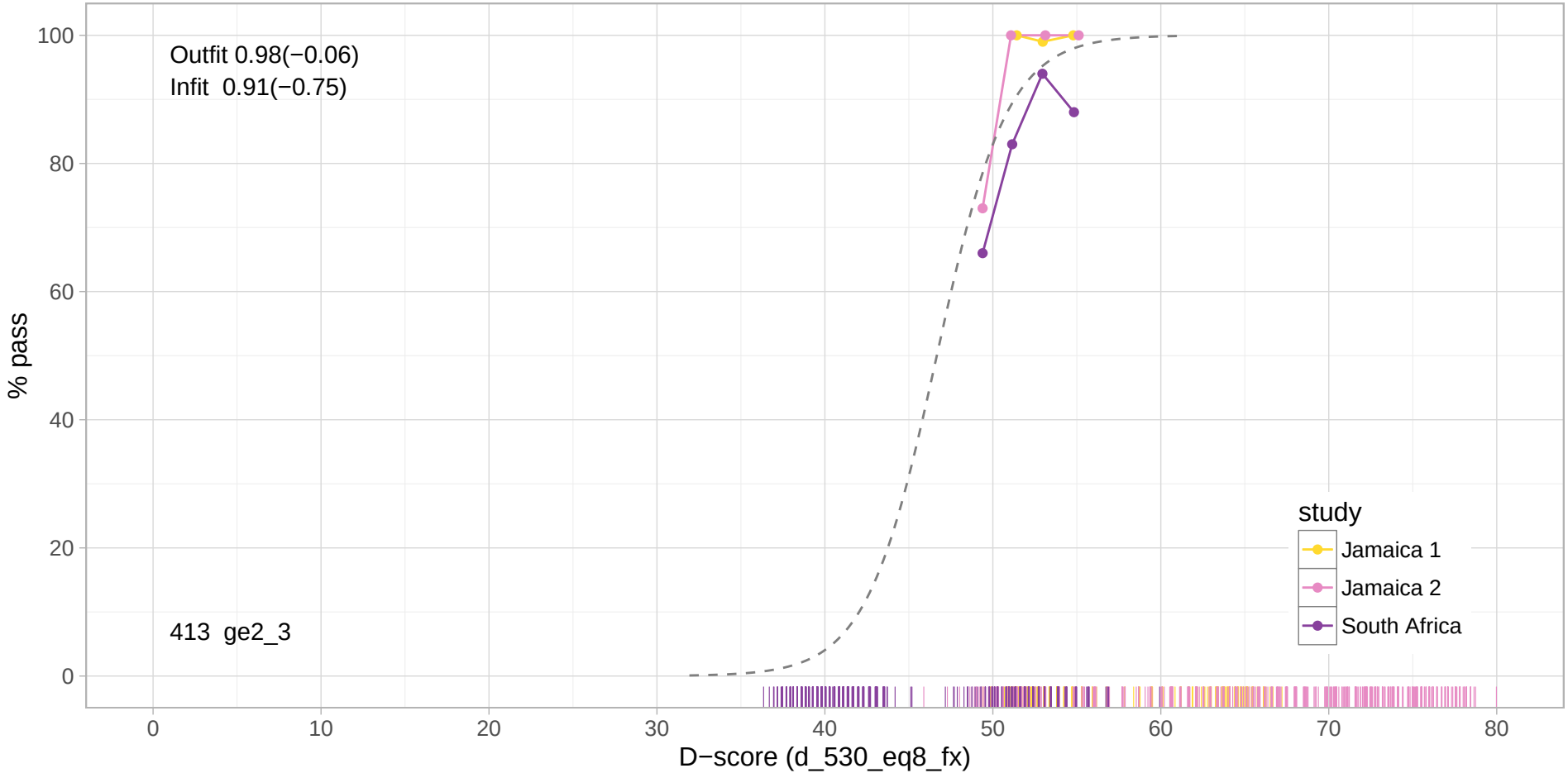

Outfit 1.29(1.69)
Infit 1.52(6.33)
408 gc14
Drops one cube for third
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2
South Africa

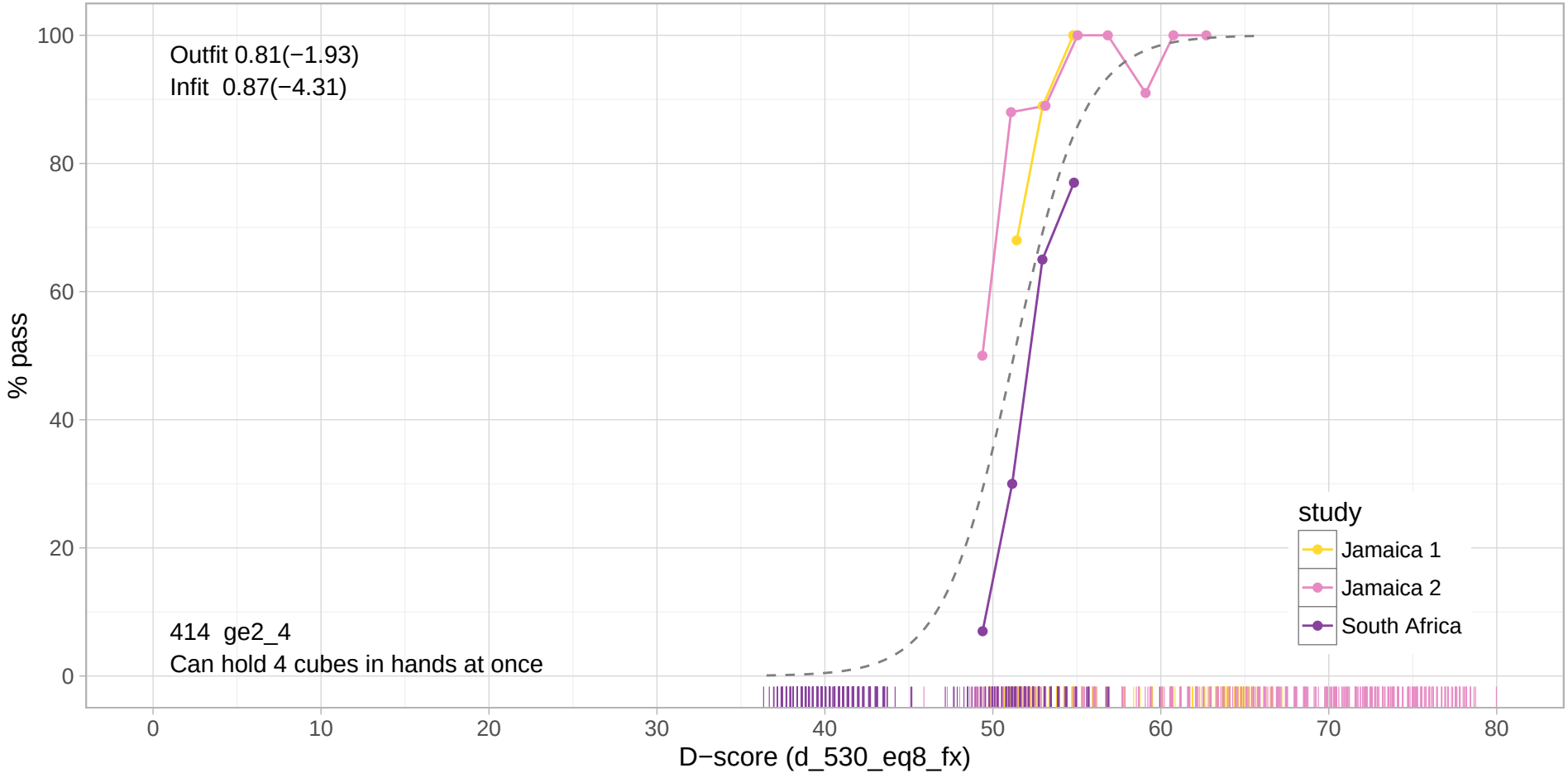

Outfit 1.13(1.07)
Infit 1.02(0.38)
409 gc18
Rattles box
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

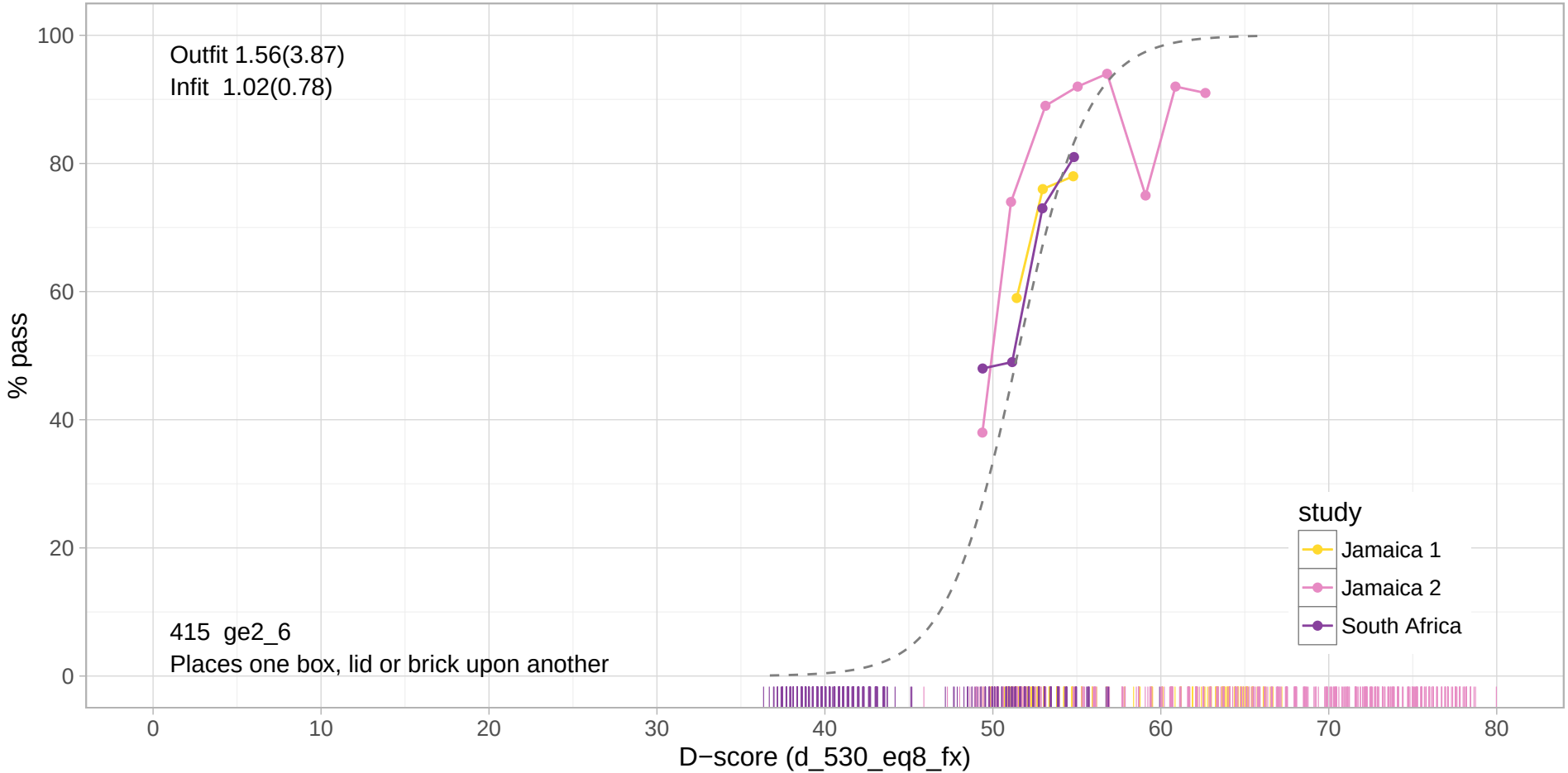

Outfit 0.81(−0.88)
Infit 0.99(−0.01)
410 gc20
(Performance) Clicks 2 bricks together
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

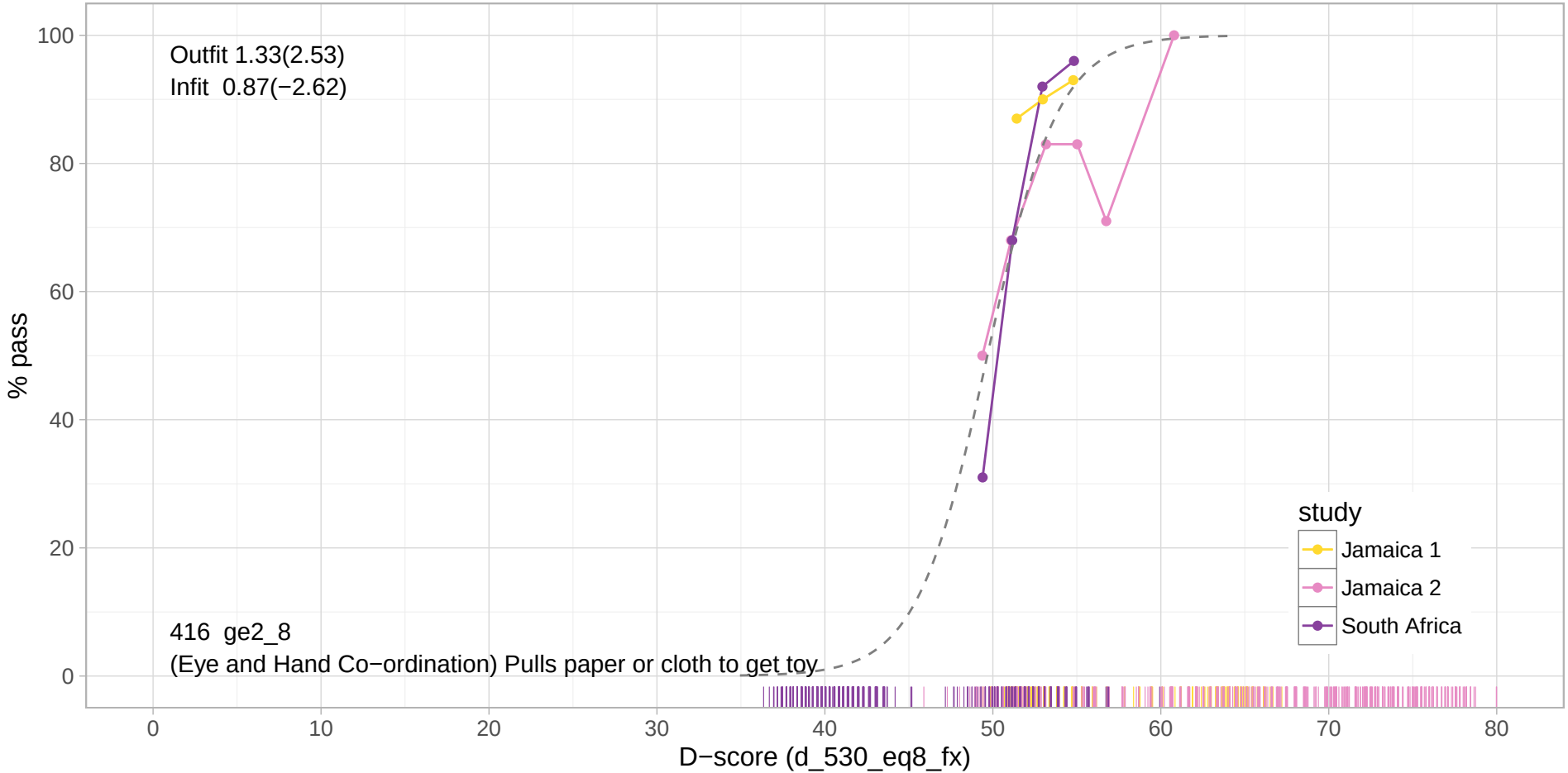

Outfit 0.77(−2.33)
Infit 0.87(−2.6)
411 gc23
(Performance) Accepts 3rd cube without dropping
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

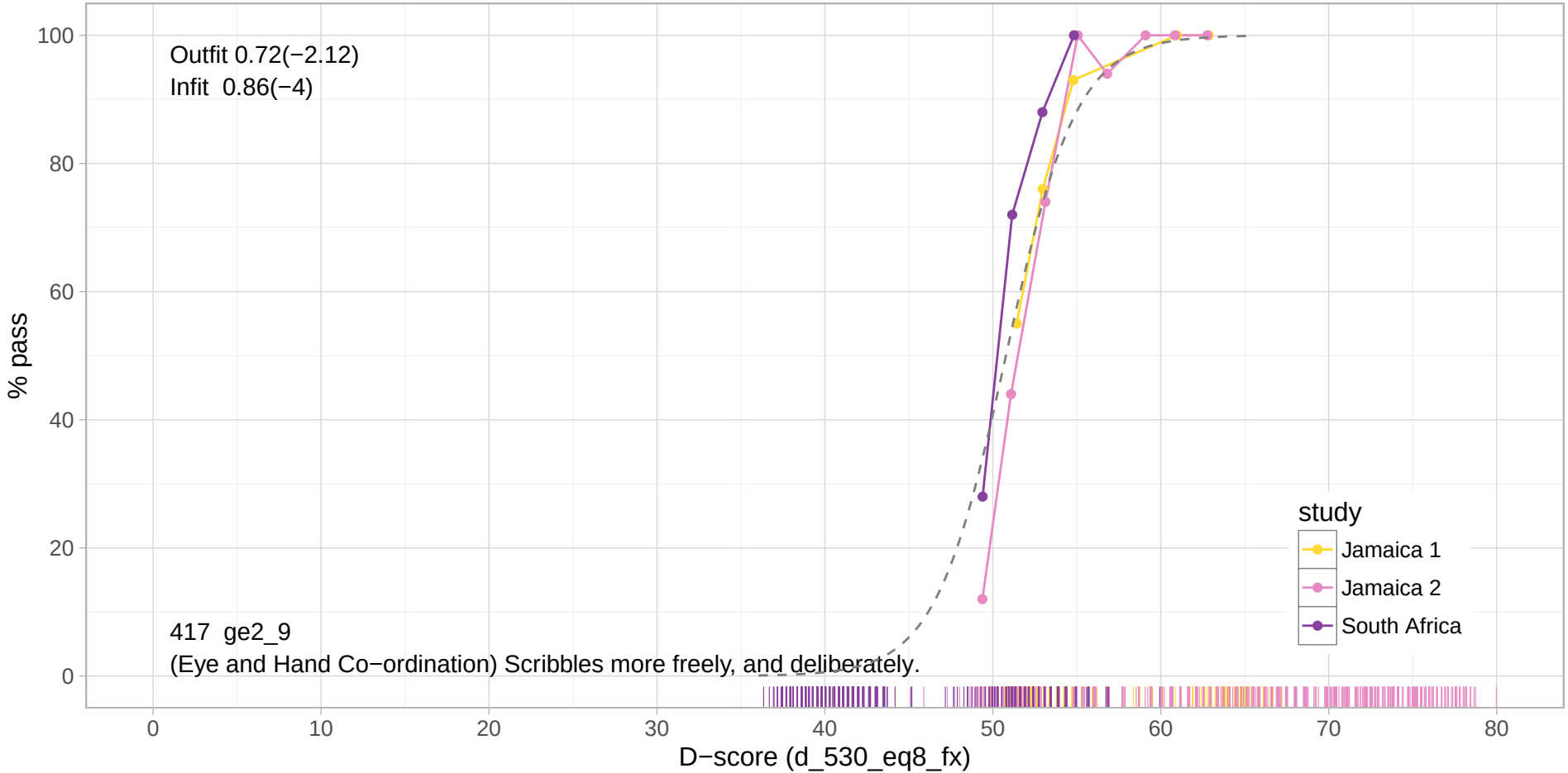

Outfit 1.21(1.46)
Infit 0.98(−0.24)
412 ge2_2
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

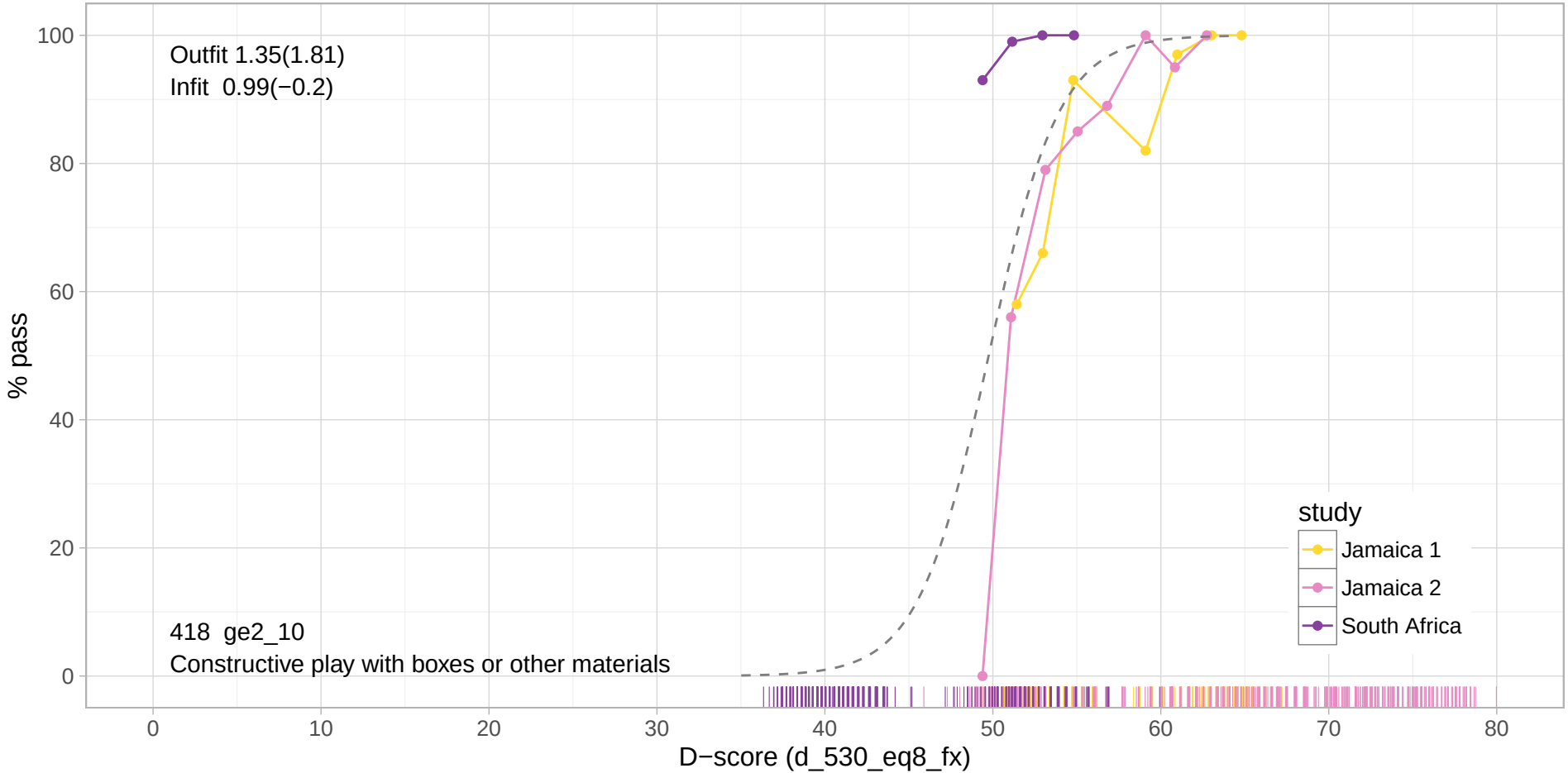

Outfit 0.98(−0.06)
Infit 0.91(−0.75)
413 ge2_3
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

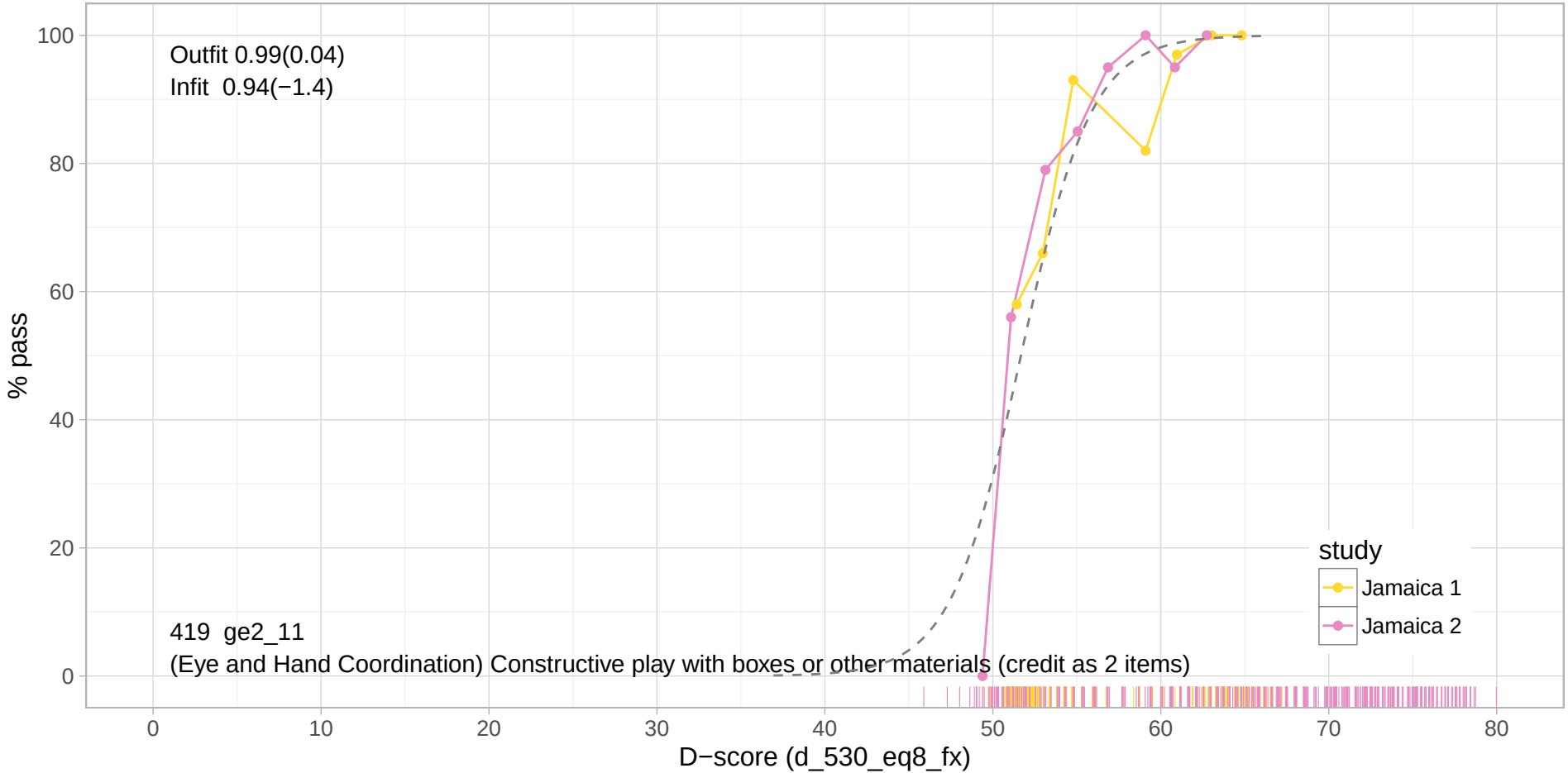

Outfit 0.81(−1.93)
Infit 0.87(−4.31)
414 ge2_4
Can hold 4 cubes in hands at once
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

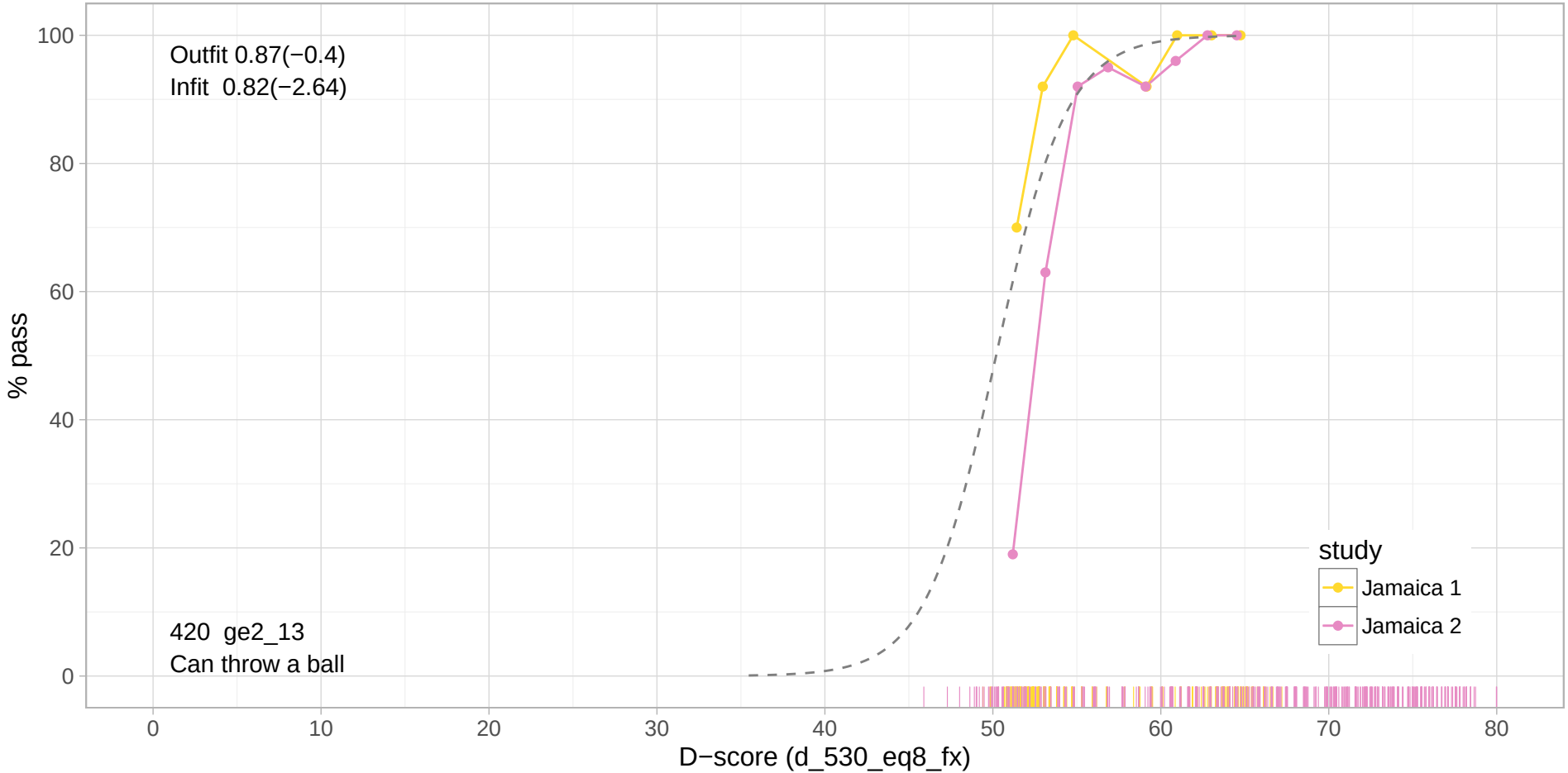

Outfit 1.56(3.87)
Infit 1.02(0.78)
415 ge2_6
Places one box, lid or brick upon another
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

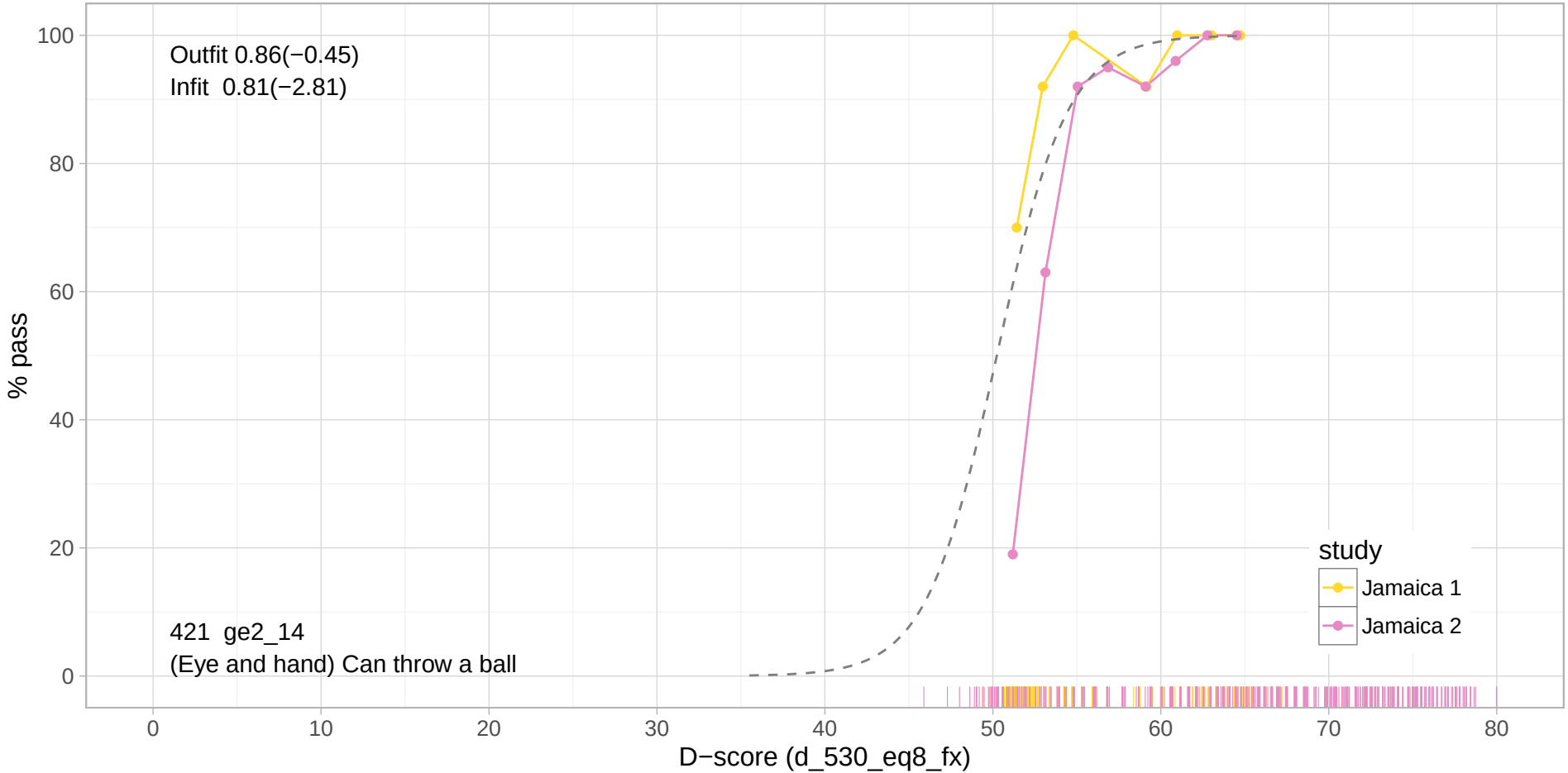

Outfit 1.33(2.53)
Infit 0.87(−2.62)
416 ge2_8
(Eye and Hand Co−ordination) Pulls paper or cloth to get toy
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

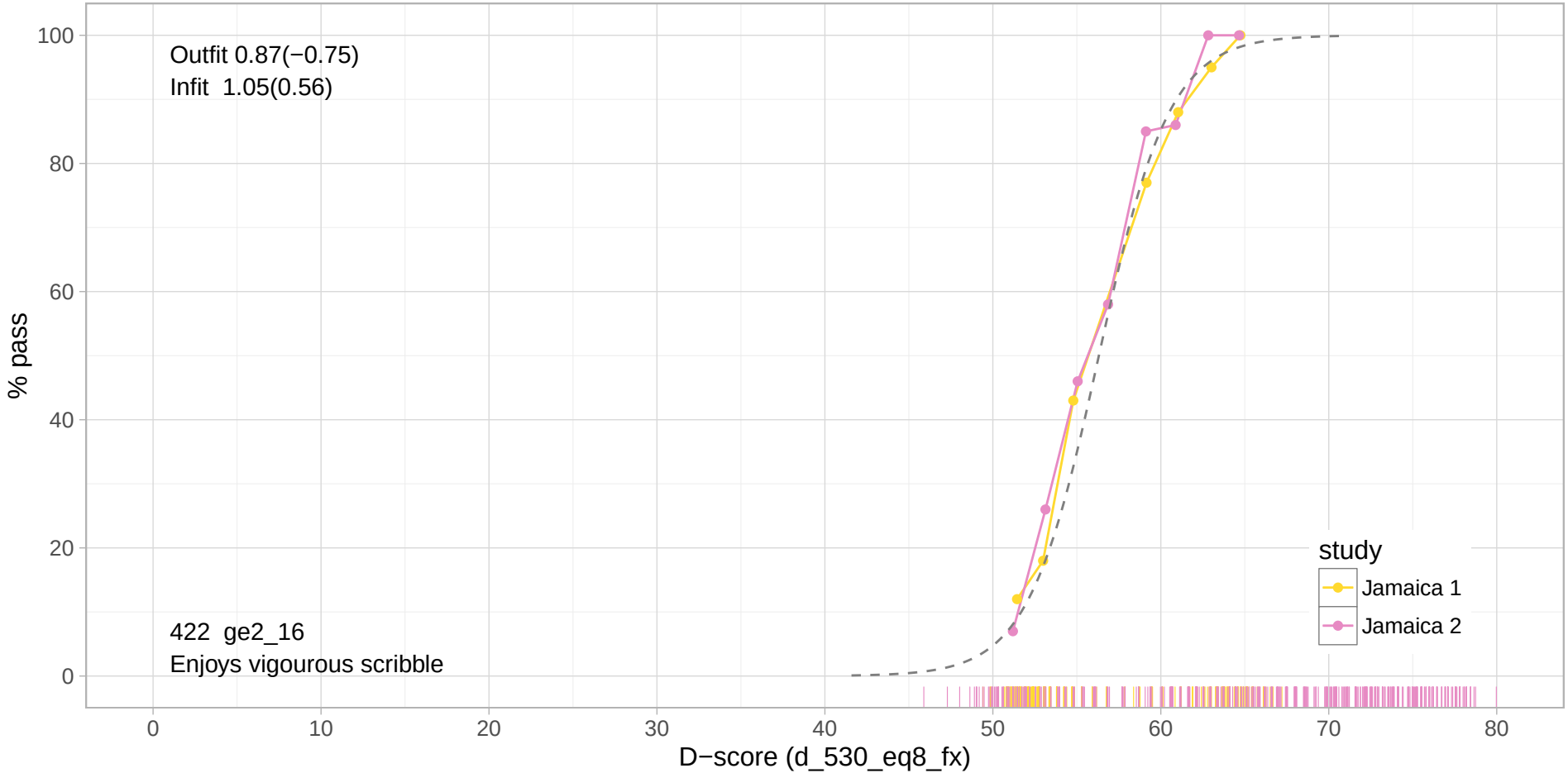

Outfit 0.72(−2.12)
Infit 0.86(−4)
417 ge2_9
(Eye and Hand Co−ordination) Scribbles more freely, and deliberately.
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

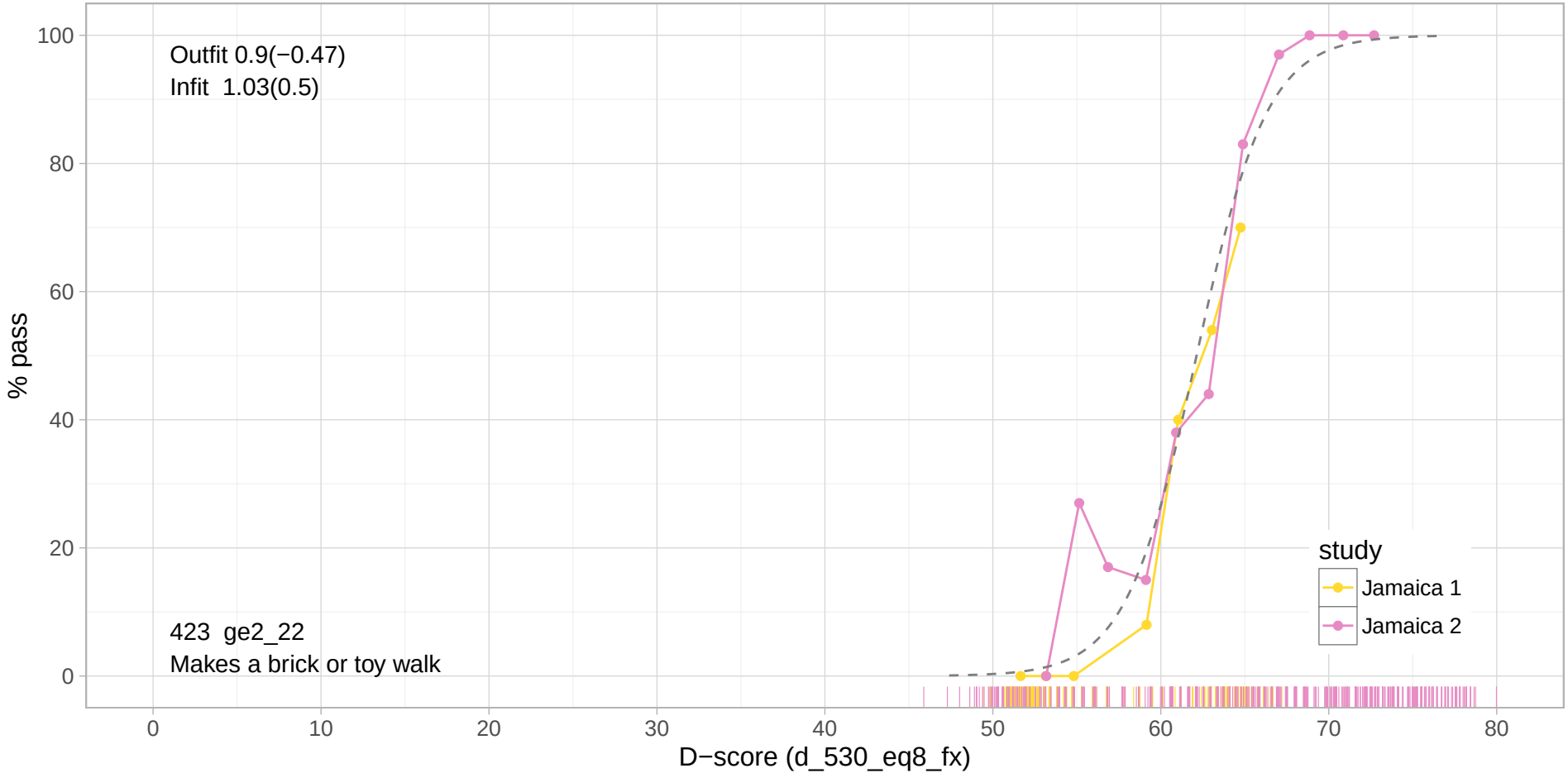

Outfit 1.35(1.81)
Infit 0.99(−0.2)
418 ge2_10
Constructive play with boxes or other materials
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

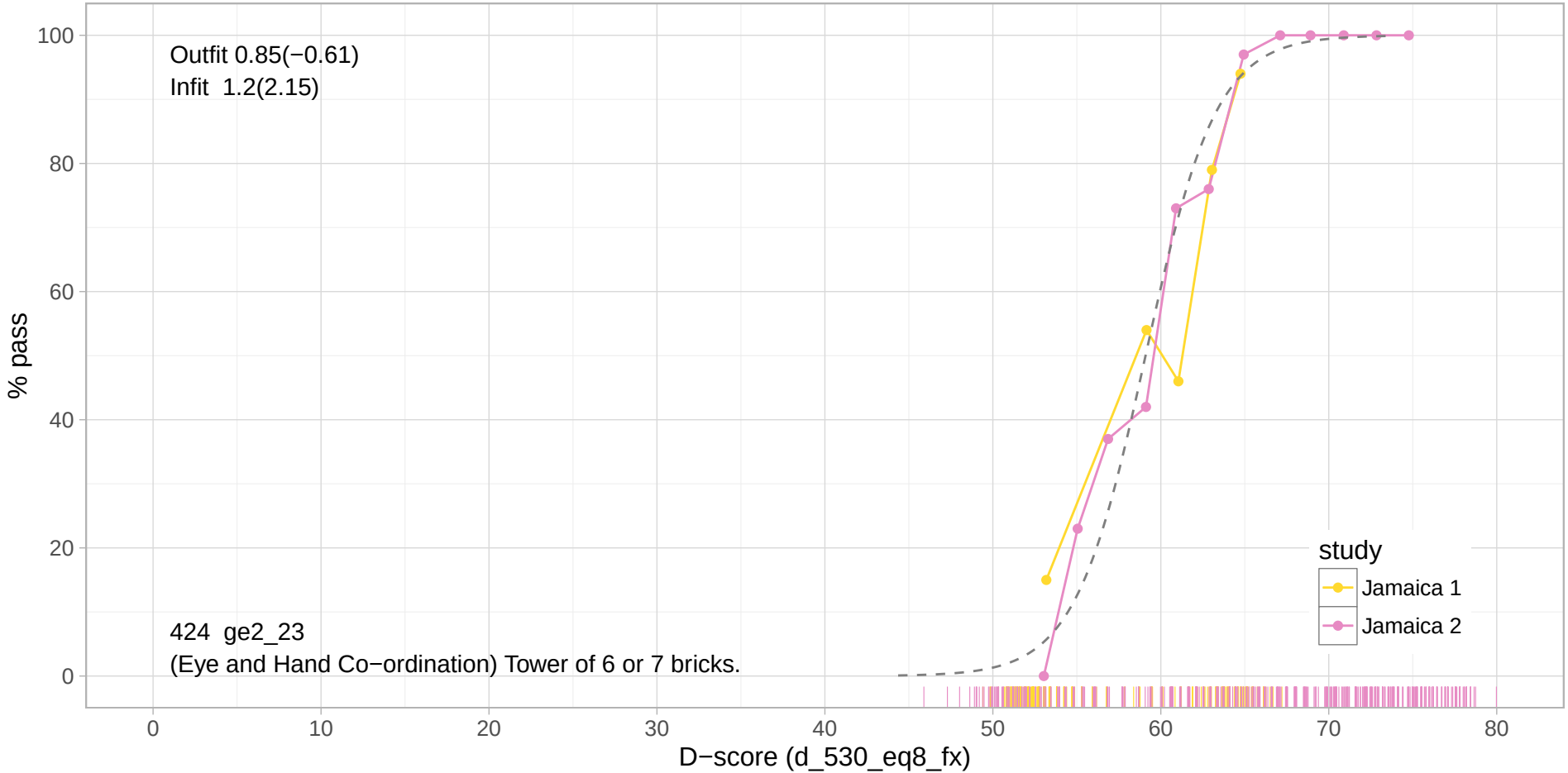

Outfit 0.99(0.04)
Infit 0.94(−1.4)
419 ge2_11
(Eye and Hand Coordination) Constructive play with boxes or other materials (credit as 2 items)
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

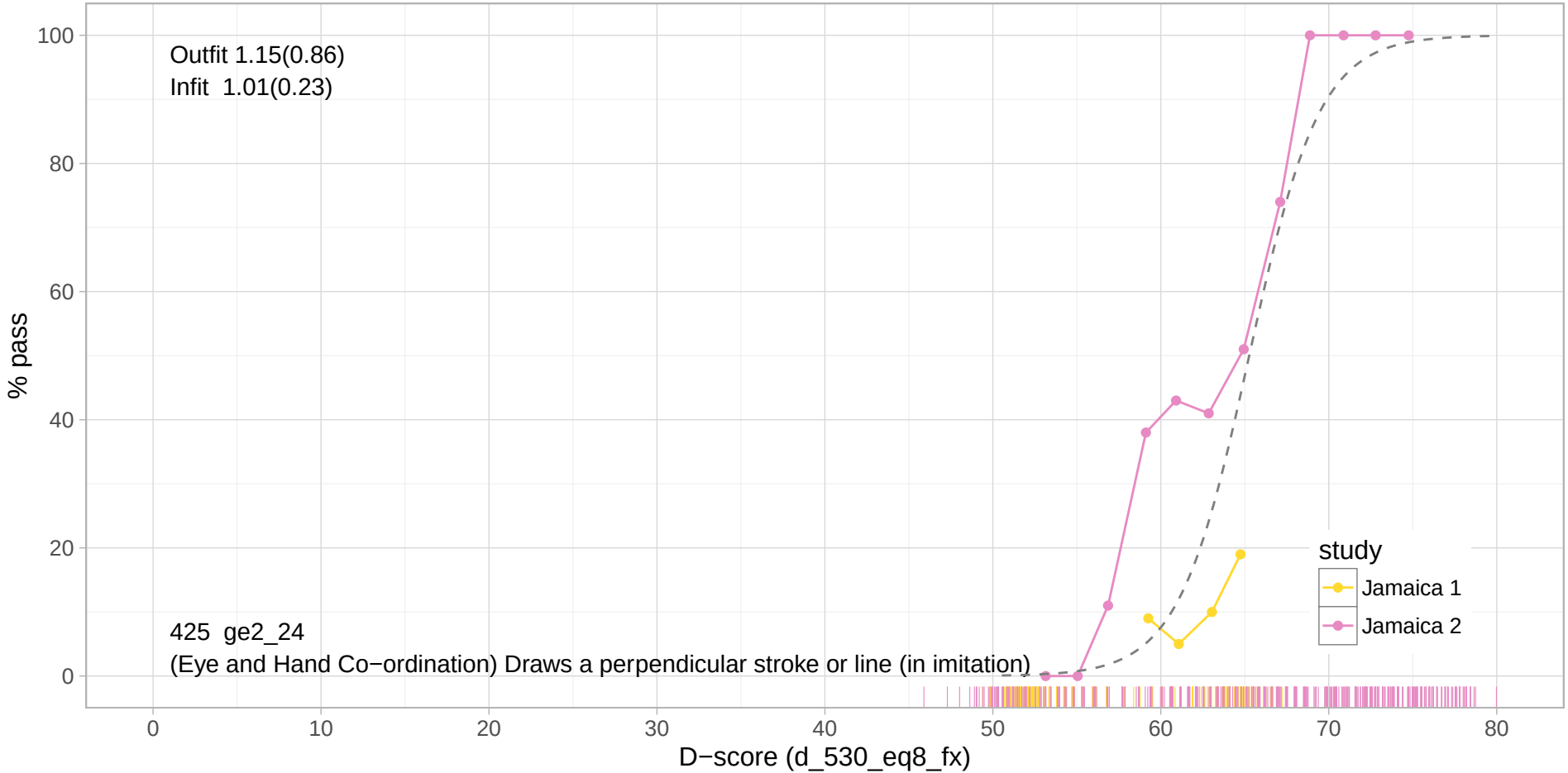

Outfit 0.87(−0.4)
Infit 0.82(−2.64)
420 ge2_13
Can throw a ball
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

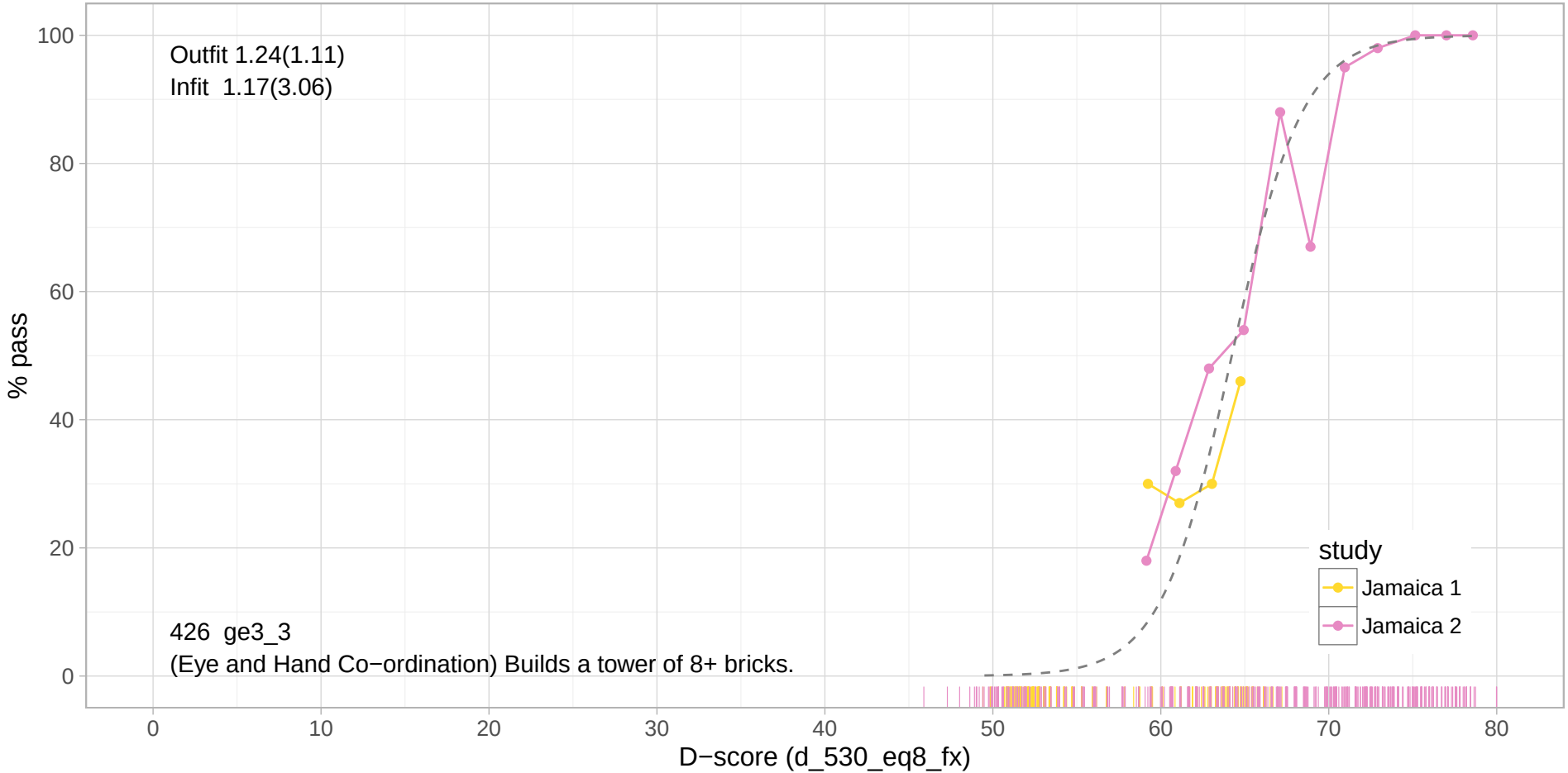

Outfit 0.86(−0.45)
Infit 0.81(−2.81)
421 ge2_14
(Eye and hand) Can throw a ball
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

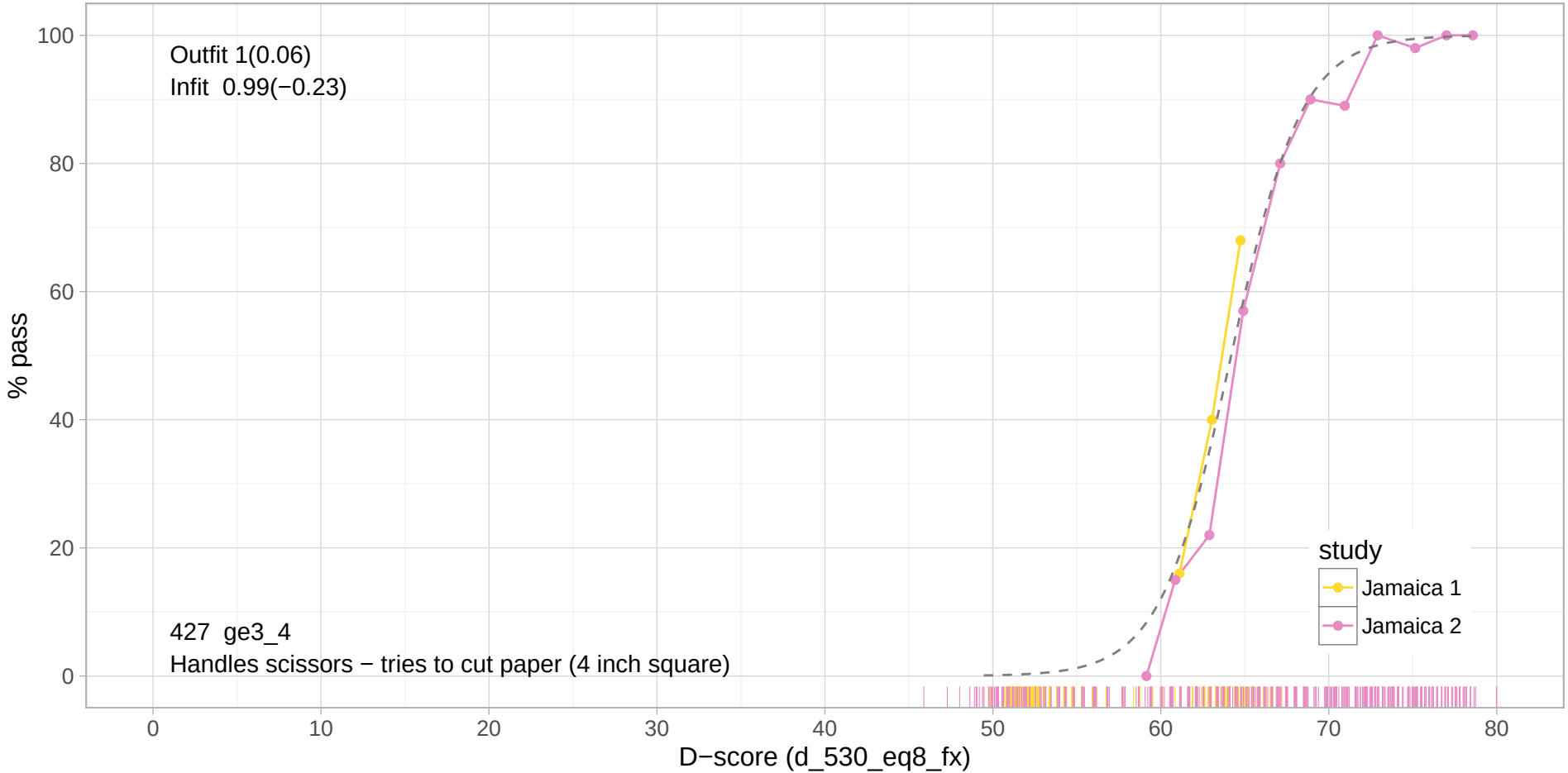

Outfit 0.87(−0.75)
Infit 1.05(0.56)
422 ge2_16
Enjoys vigourous scribble
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

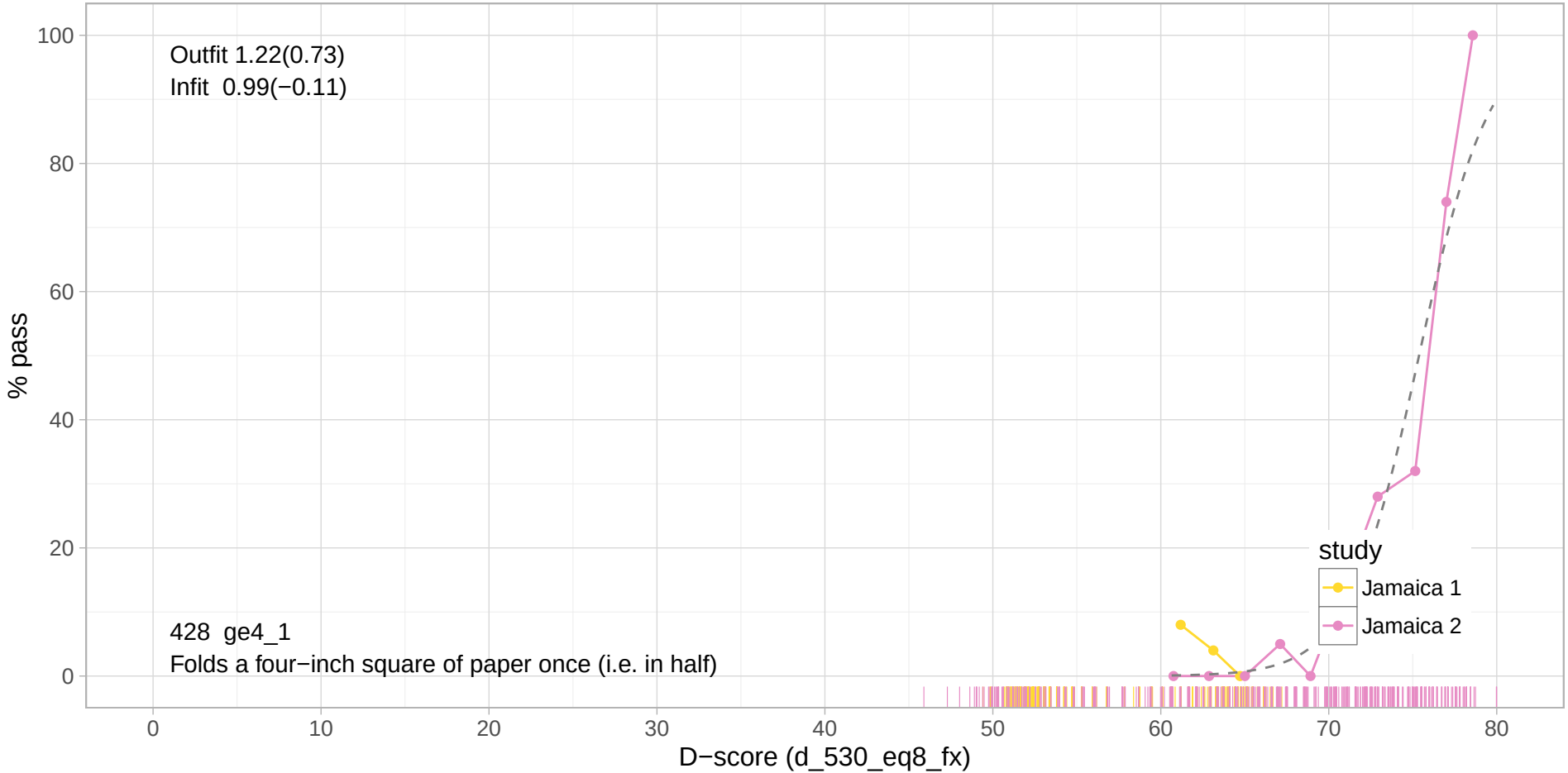

Outfit 0.9(−0.47)
Infit 1.03(0.5)
423 ge2_22
Makes a brick or toy walk
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

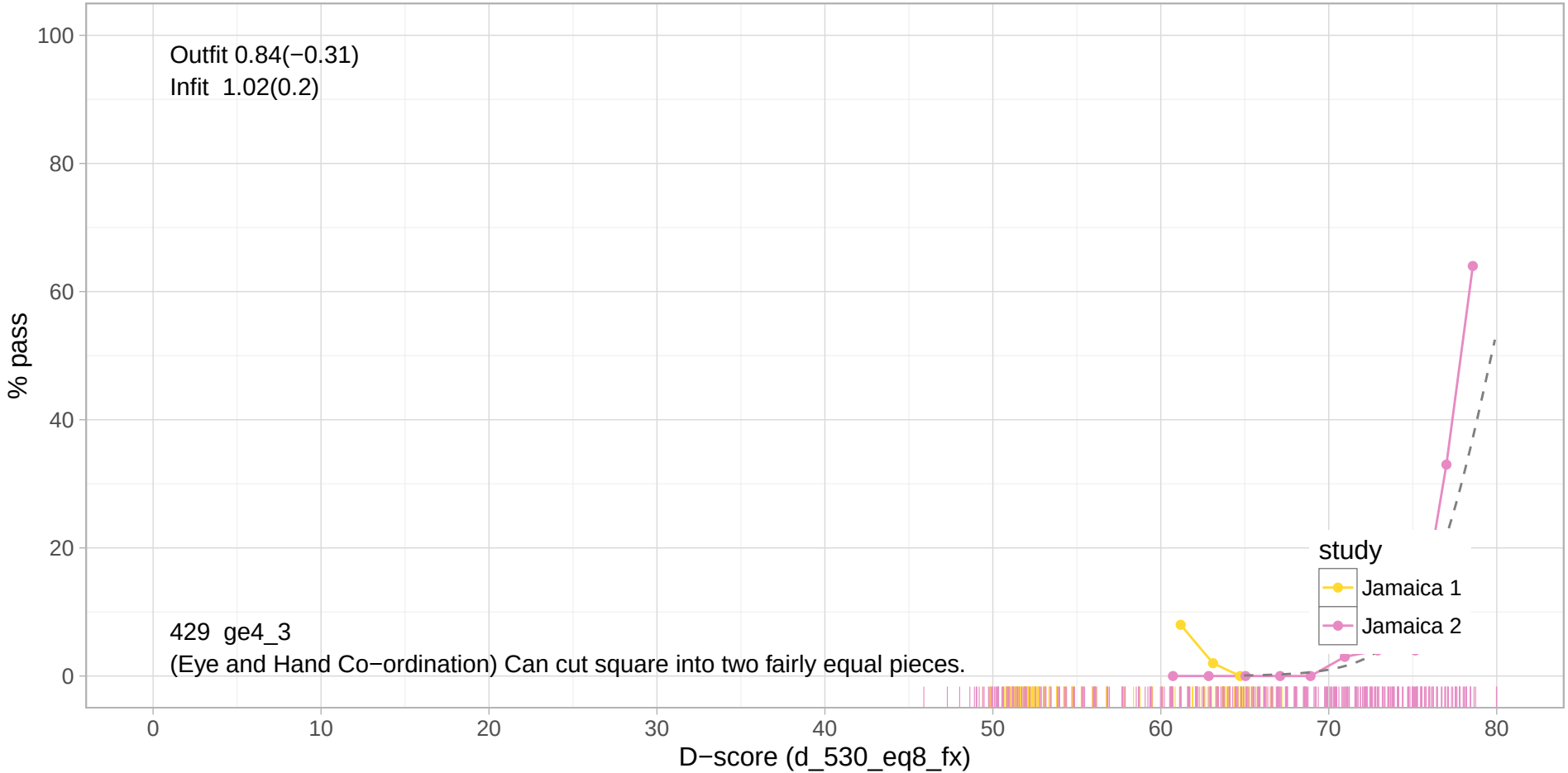

Outfit 0.85(−0.61)
Infit 1.2(2.15)
424 ge2_23
(Eye and Hand Co−ordination) Tower of 6 or 7 bricks.
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

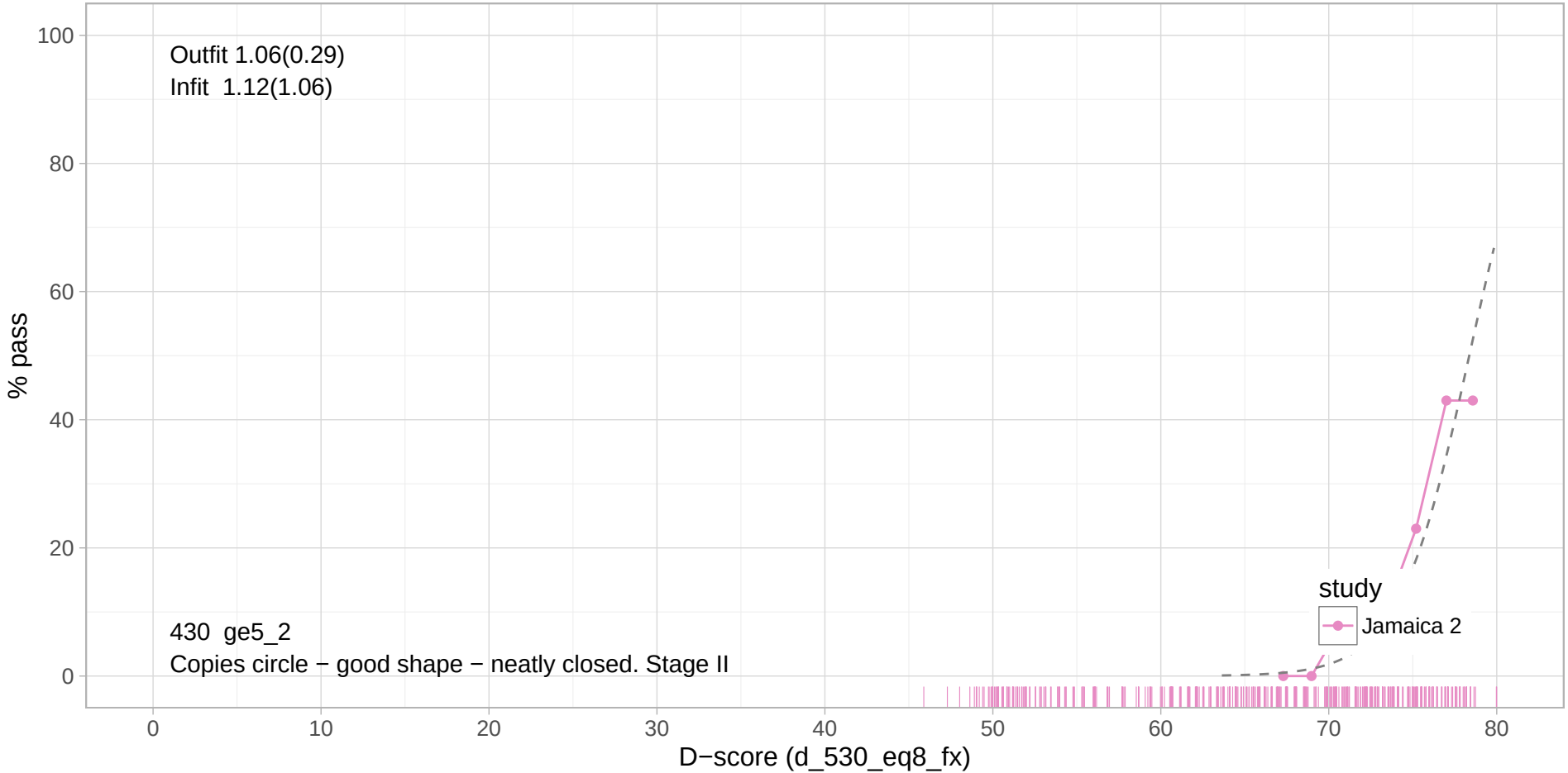

Outfit 1.15(0.86)
Infit 1.01(0.23)
425 ge2_24
(Eye and Hand Co−ordination) Draws a perpendicular stroke or line (in imitation)
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

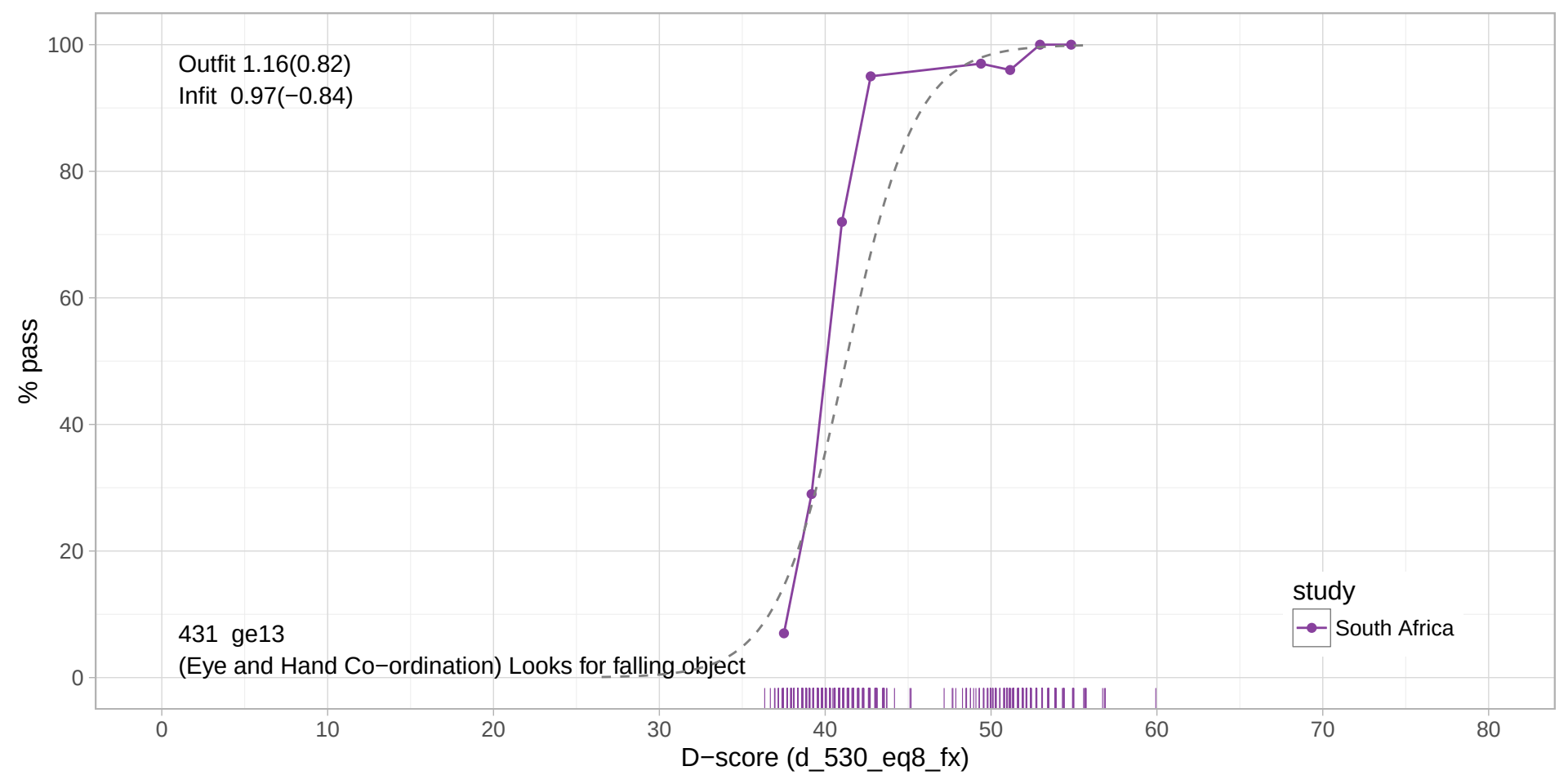

Outfit 1.24(1.11)
Infit 1.17(3.06)
426 ge3_3
(Eye and Hand Co−ordination) Builds a tower of 8+ bricks.
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

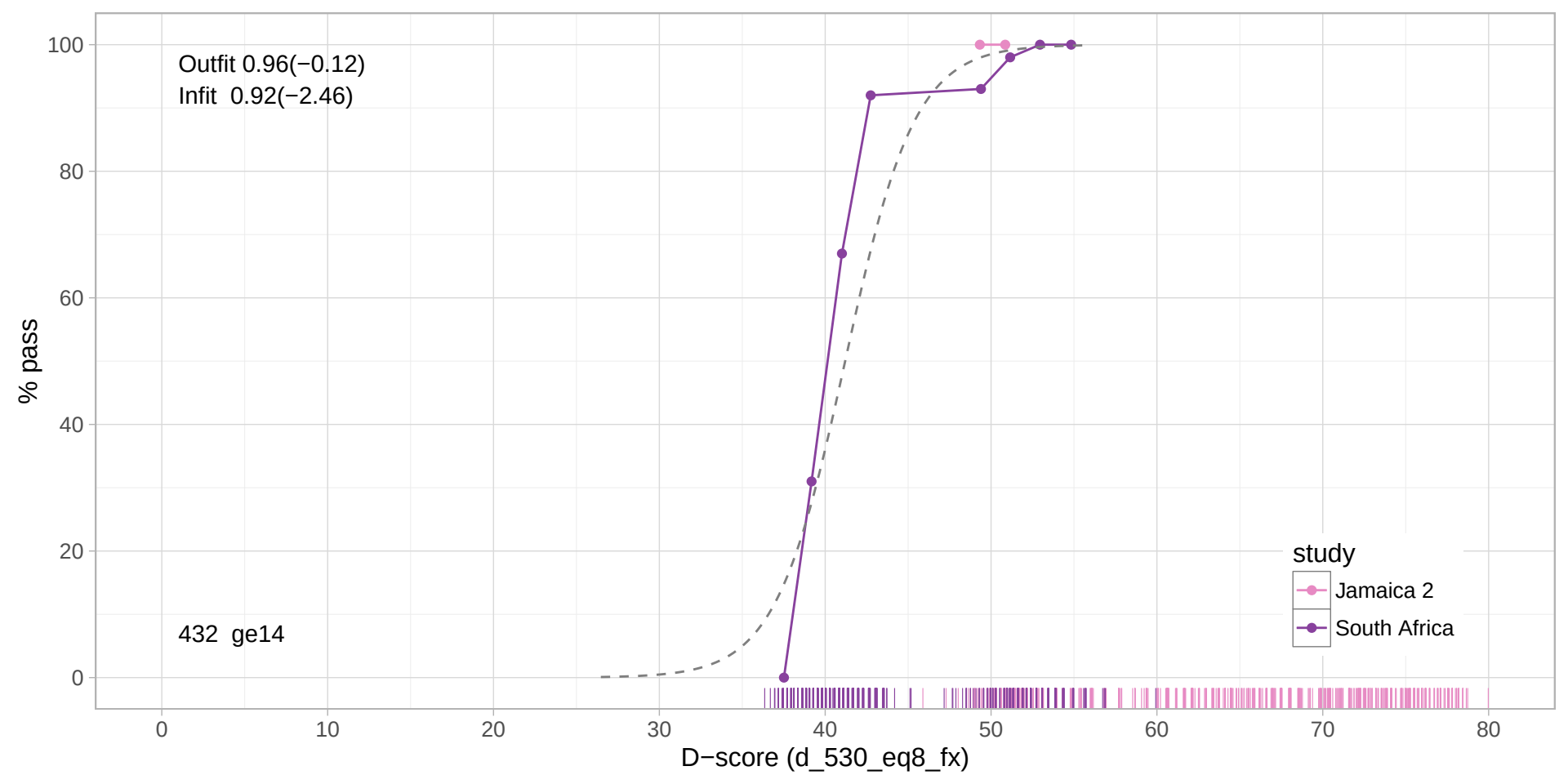

Outfit 1(0.06)
Infit 0.99(−0.23)
427 ge3_4
Handles scissors − tries to cut paper (4 inch square)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

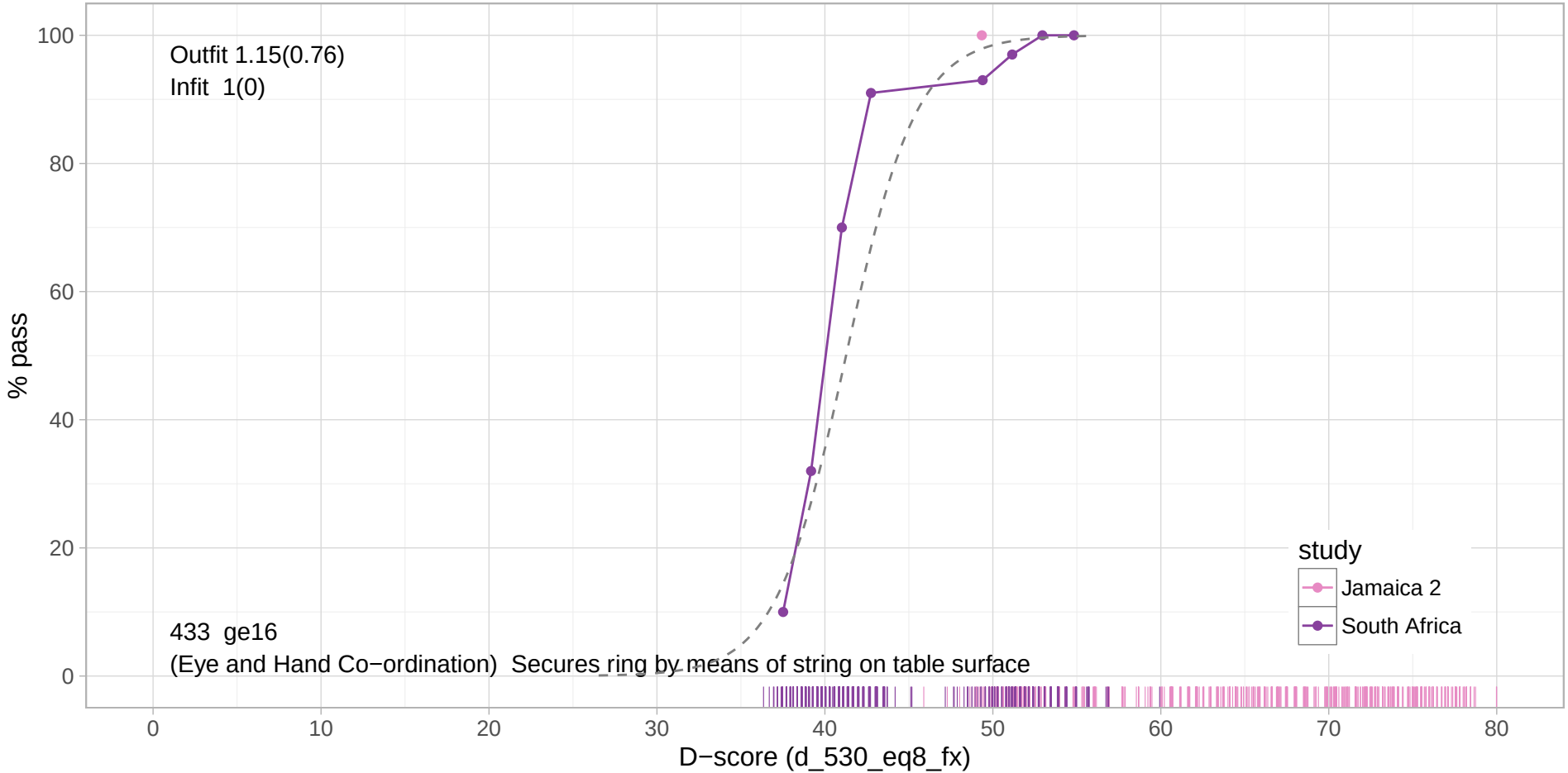

Outfit 1.22(0.73)
Infit 0.99(−0.11)
428 ge4_1
Folds a four−inch square of paper once (i.e. in half)
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

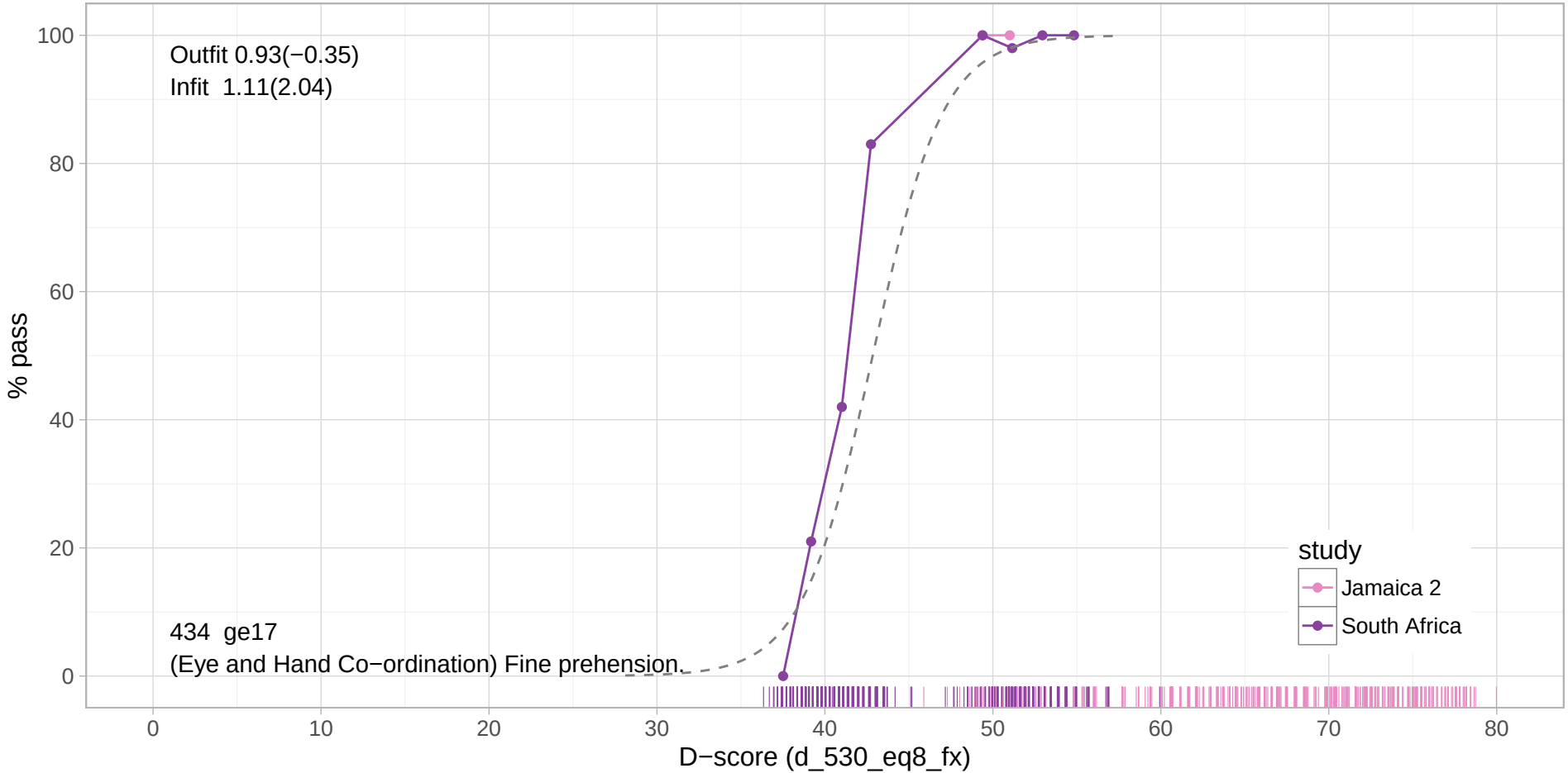

Outfit 0.84(−0.31)
Infit 1.02(0.2)
429 ge4_3
(Eye and Hand Co−ordination) Can cut square into two fairly equal pieces.
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

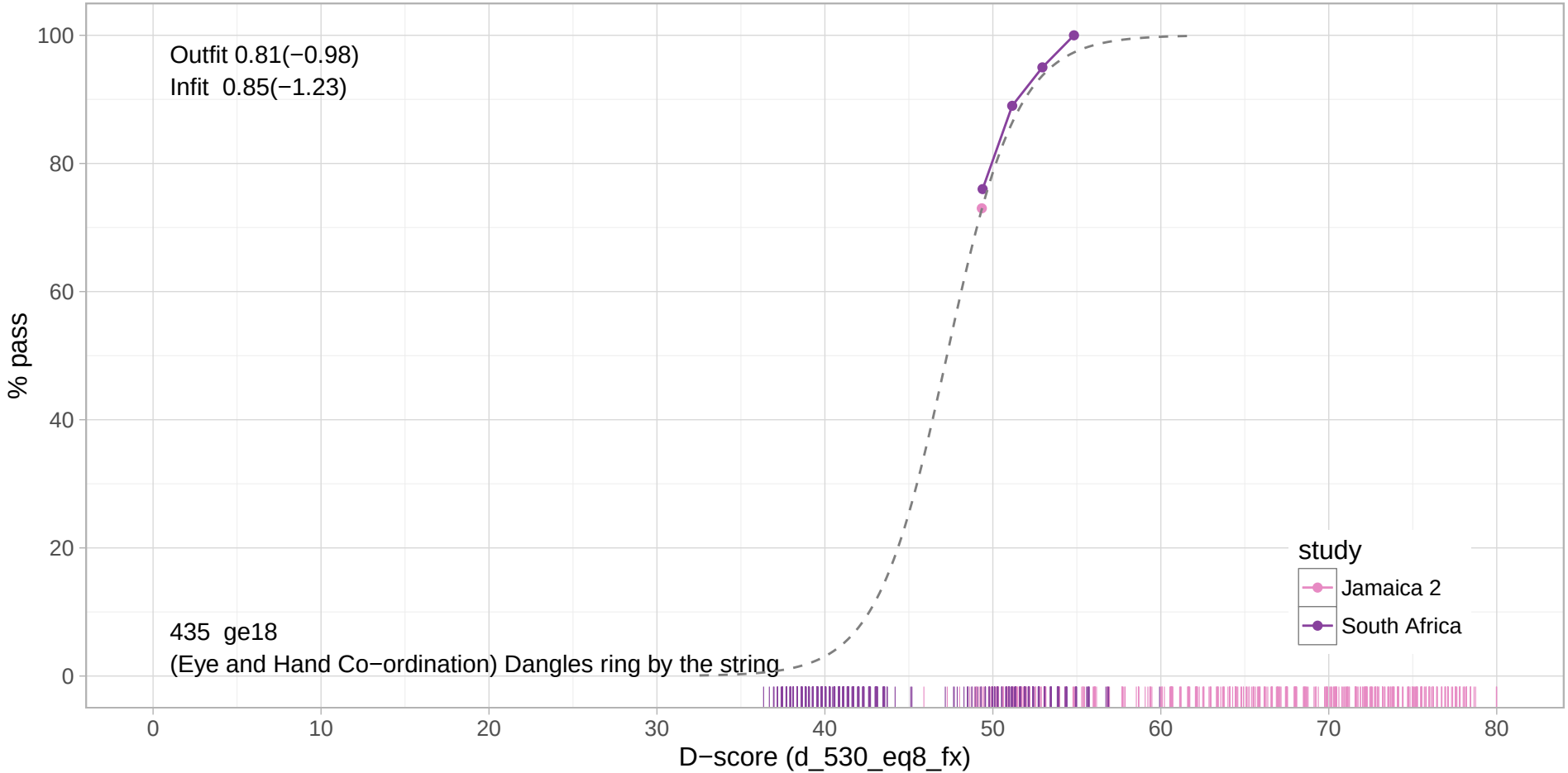

Outfit 1.06(0.29)
Infit 1.12(1.06)
430 ge5_2
Copies circle − good shape − neatly closed. Stage II
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

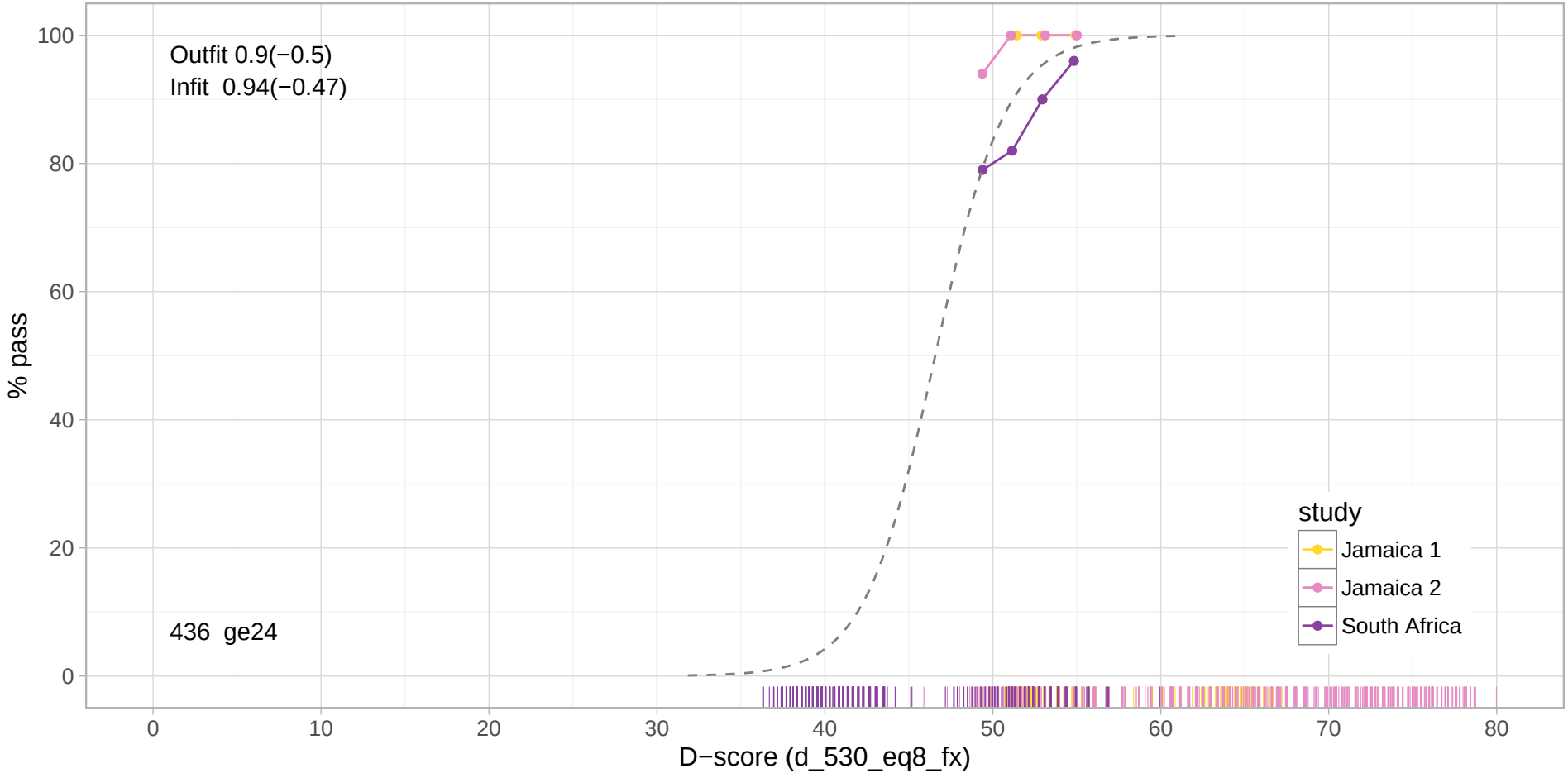

Outfit 1.16(0.82)
Infit 0.97(−0.84)
431 ge13
(Eye and Hand Co−ordination) Looks for falling object
study
South Africa
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

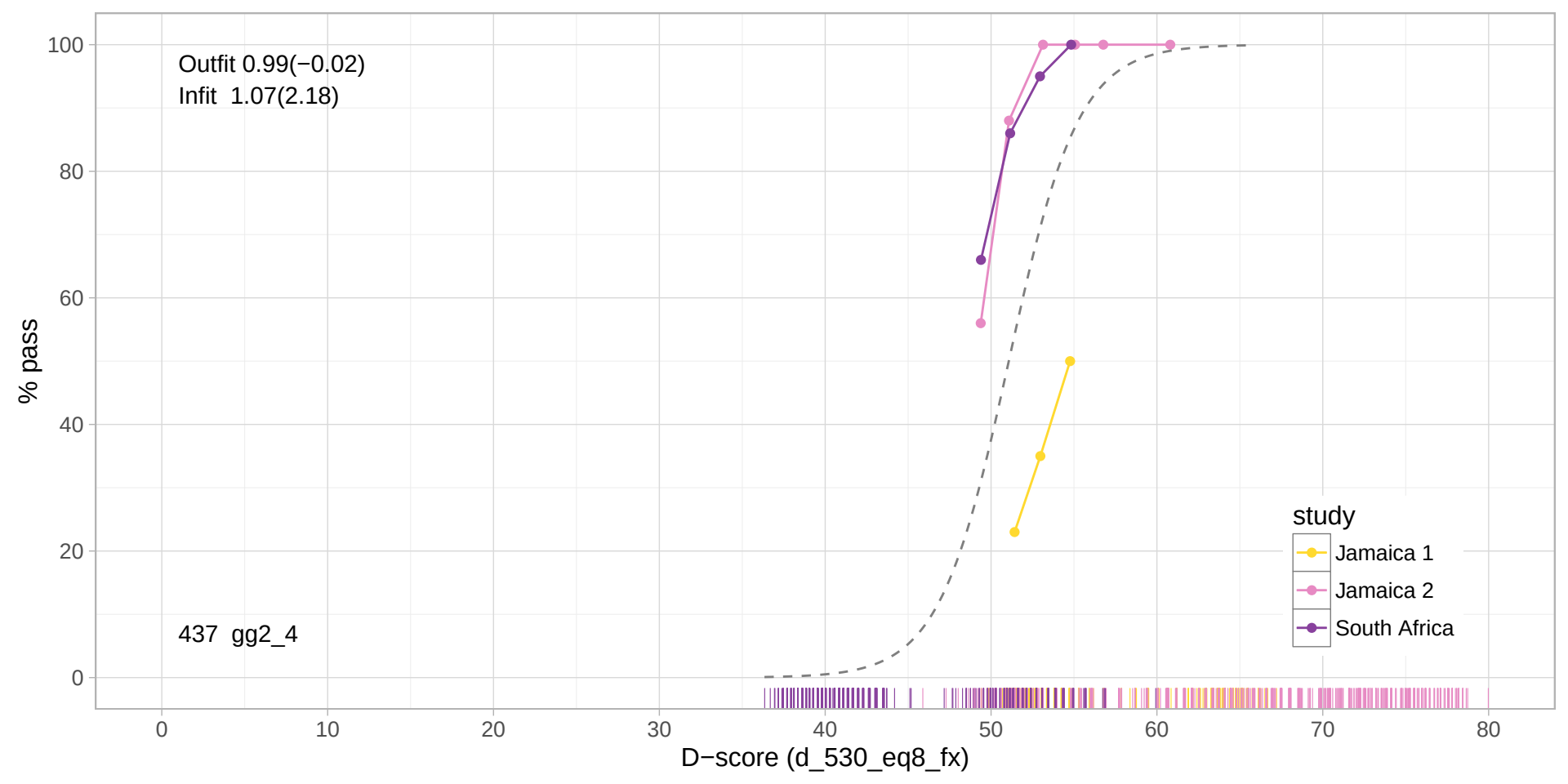

Outfit 0.96(−0.12)
Infit 0.92(−2.46)
432 ge14
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2
South Africa

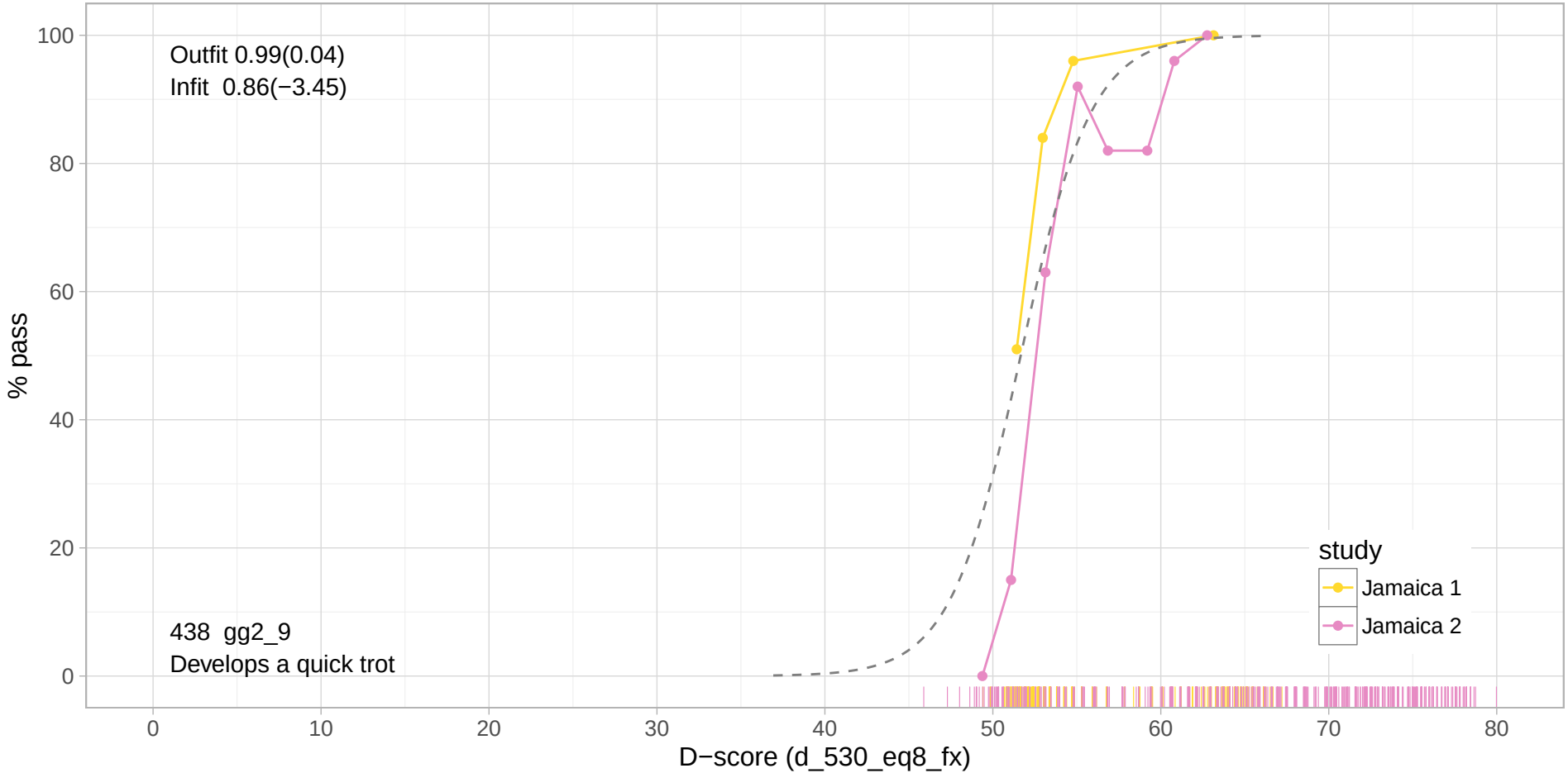

Outfit 1.15(0.76)
Infit 1(0)
433 ge16
(Eye and Hand Co−ordination) Secures ring by means of string on table surface
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2
South Africa

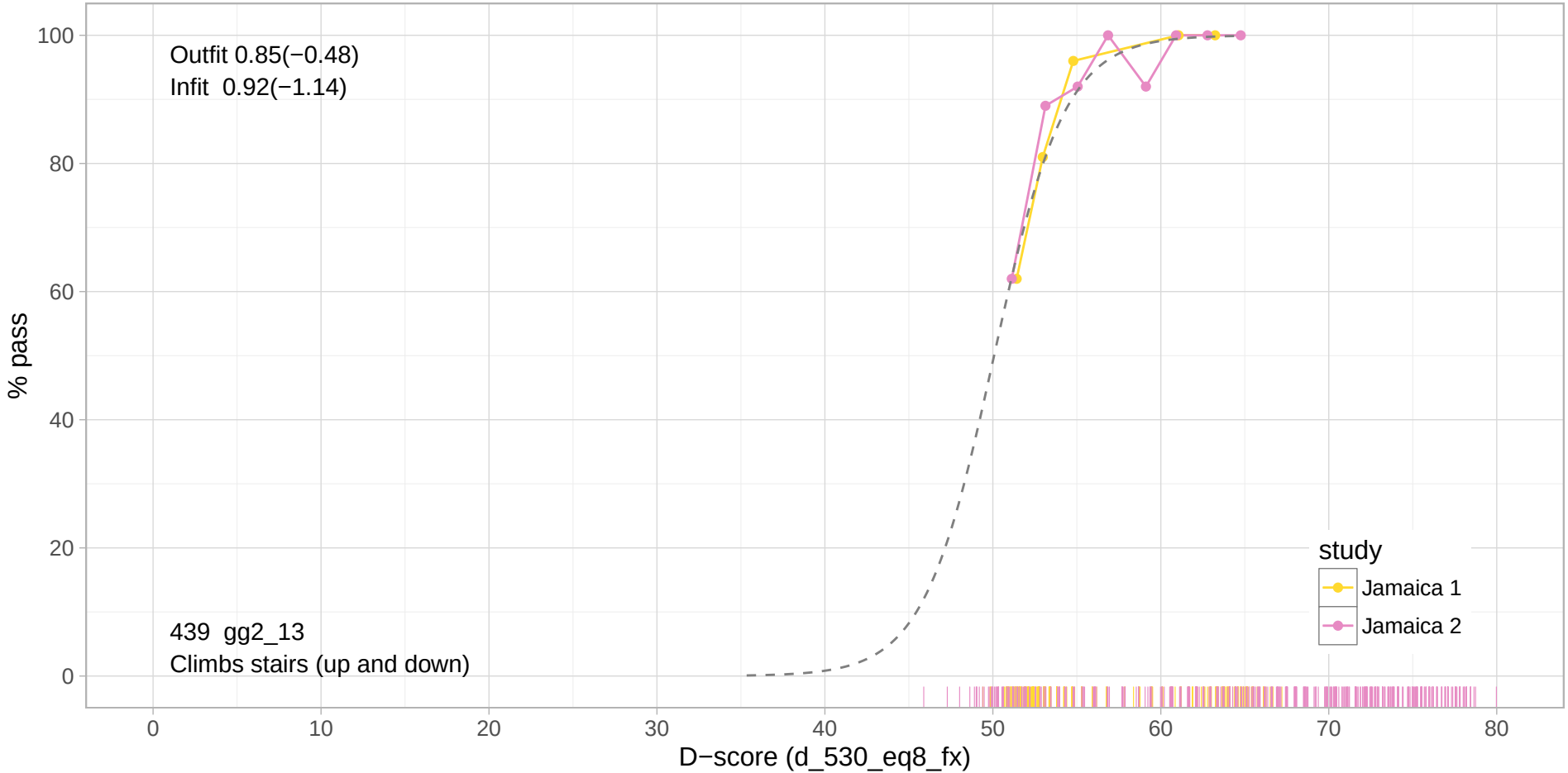

Outfit 0.93(−0.35)
Infit 1.11(2.04)
434 ge17
(Eye and Hand Co−ordination) Fine prehension.
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2
South Africa

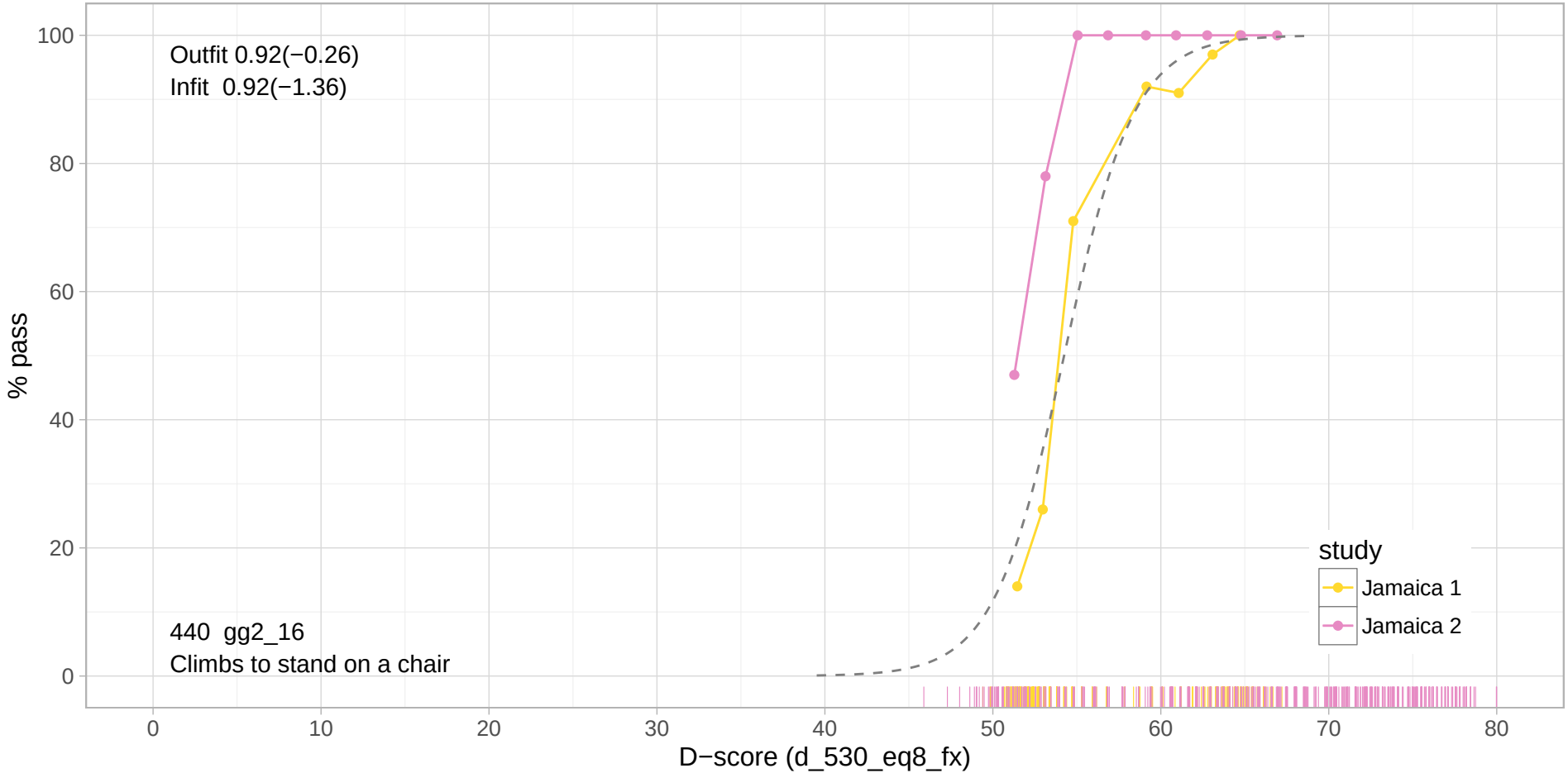

Outfit 0.81(−0.98)
Infit 0.85(−1.23)
435 ge18
(Eye and Hand Co−ordination) Dangles ring by the string
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2
South Africa

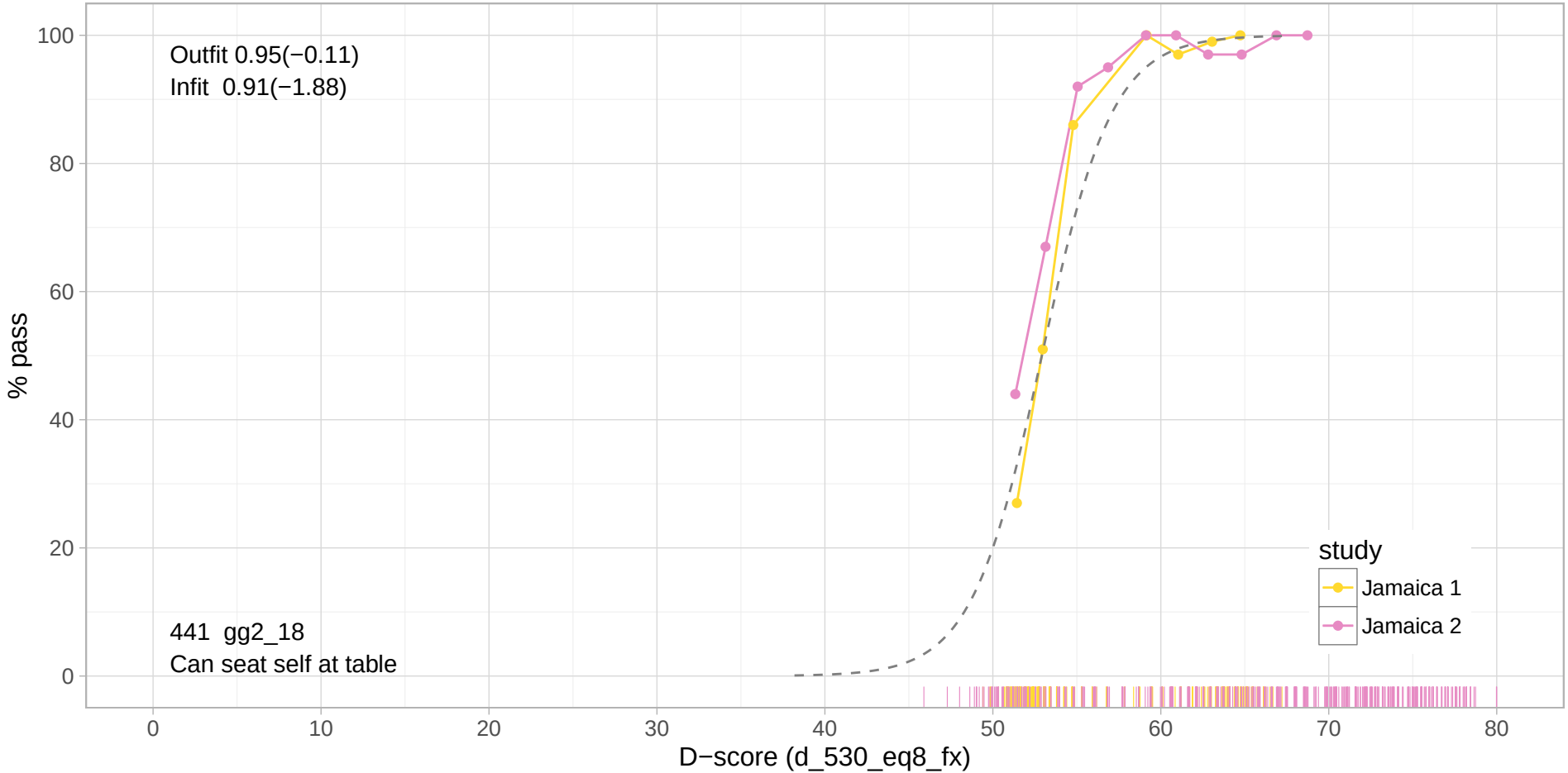

Outfit 0.9(−0.5)
Infit 0.94(−0.47)
436 ge24
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

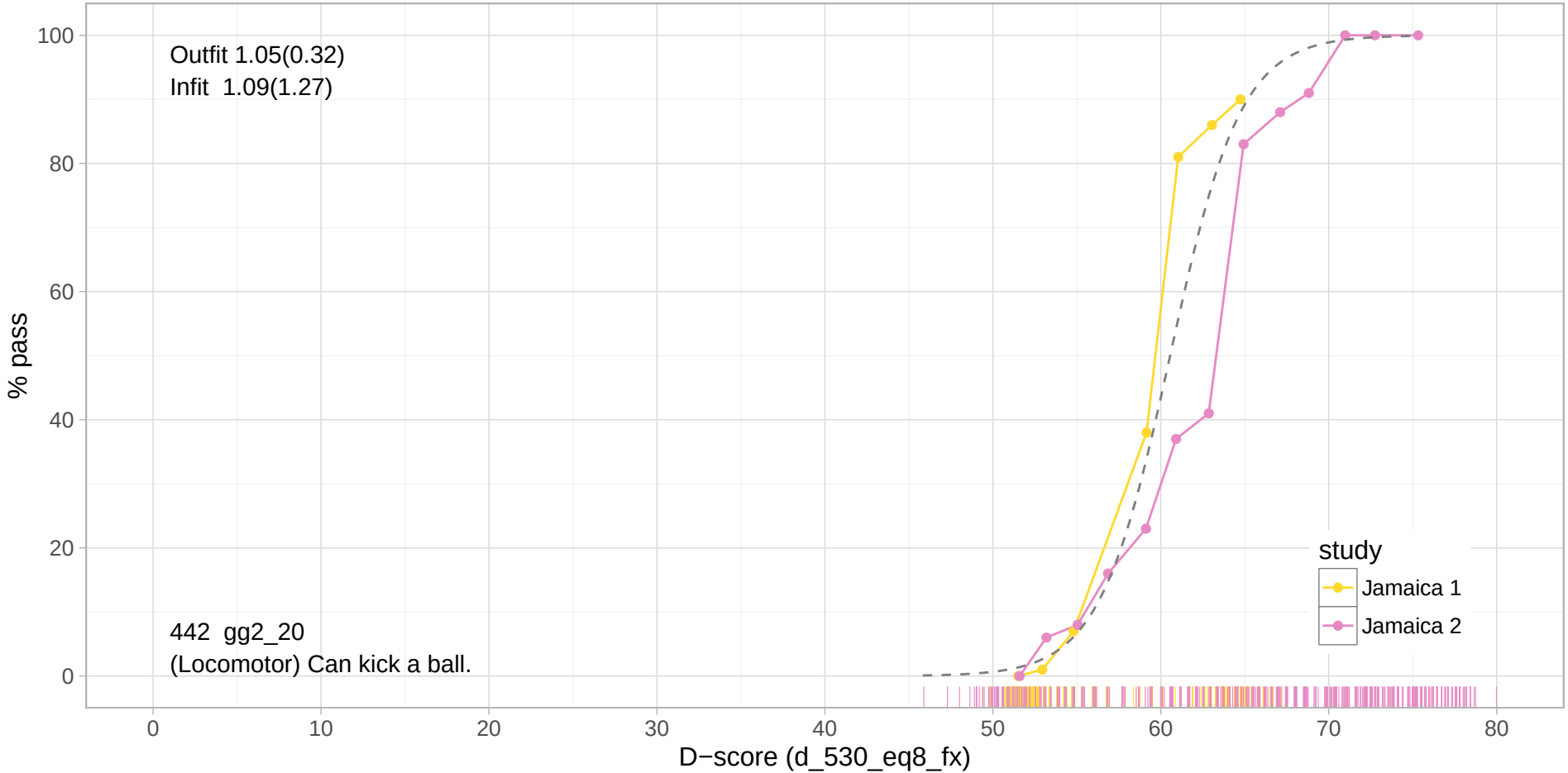

Outfit 0.99(−0.02)
Infit 1.07(2.18)
437 gg2_4
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

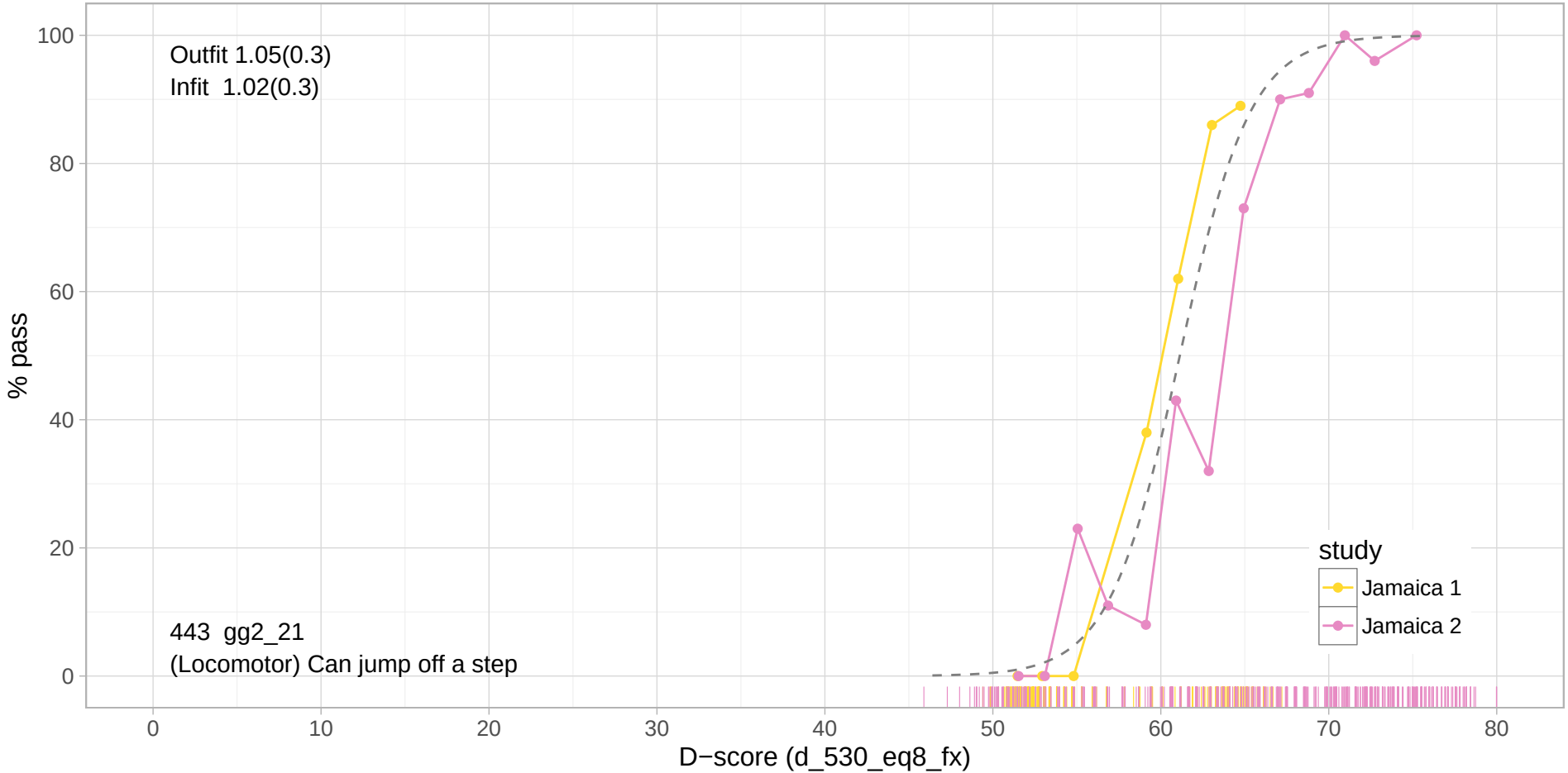

Outfit 0.99(0.04)
Infit 0.86(−3.45)
438 gg2_9
Develops a quick trot
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

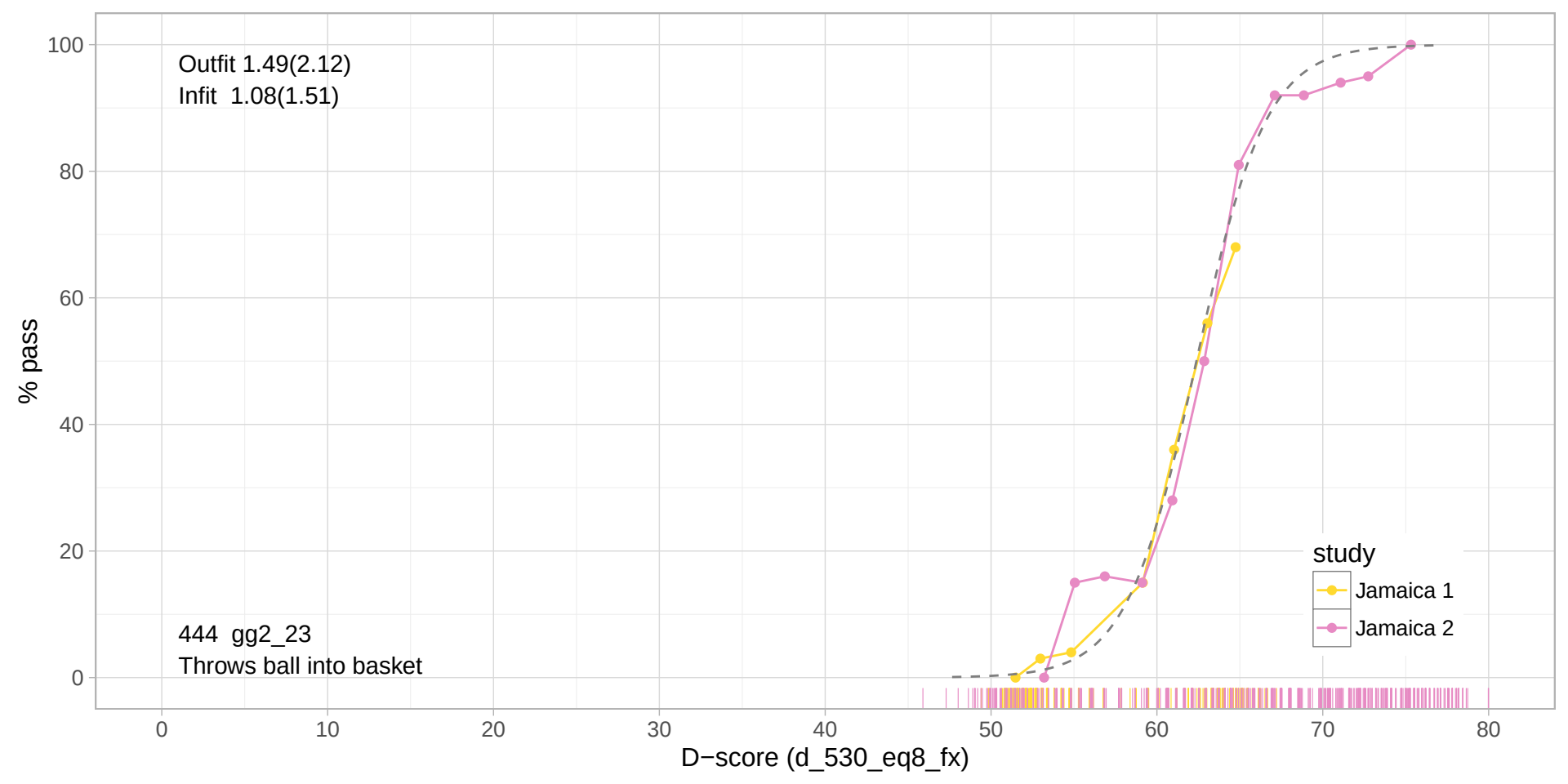

Outfit 0.85(−0.48)
Infit 0.92(−1.14)
439 gg2_13
Climbs stairs (up and down)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

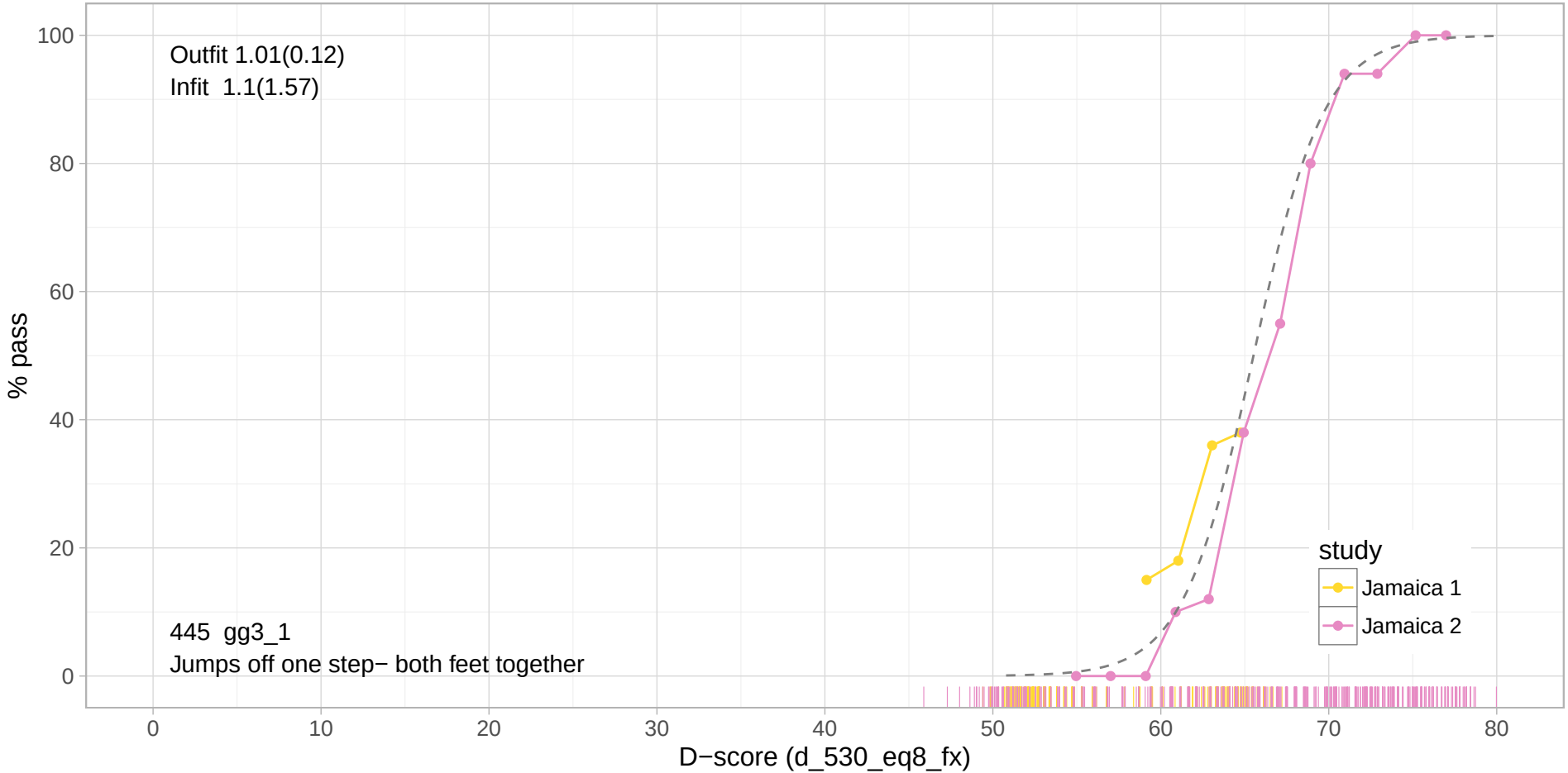

Outfit 0.92(−0.26)
Infit 0.92(−1.36)
440 gg2_16
Climbs to stand on a chair
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80


Outfit 0.95(−0.11)
Infit 0.91(−1.88)
441 gg2_18
Can seat self at table
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

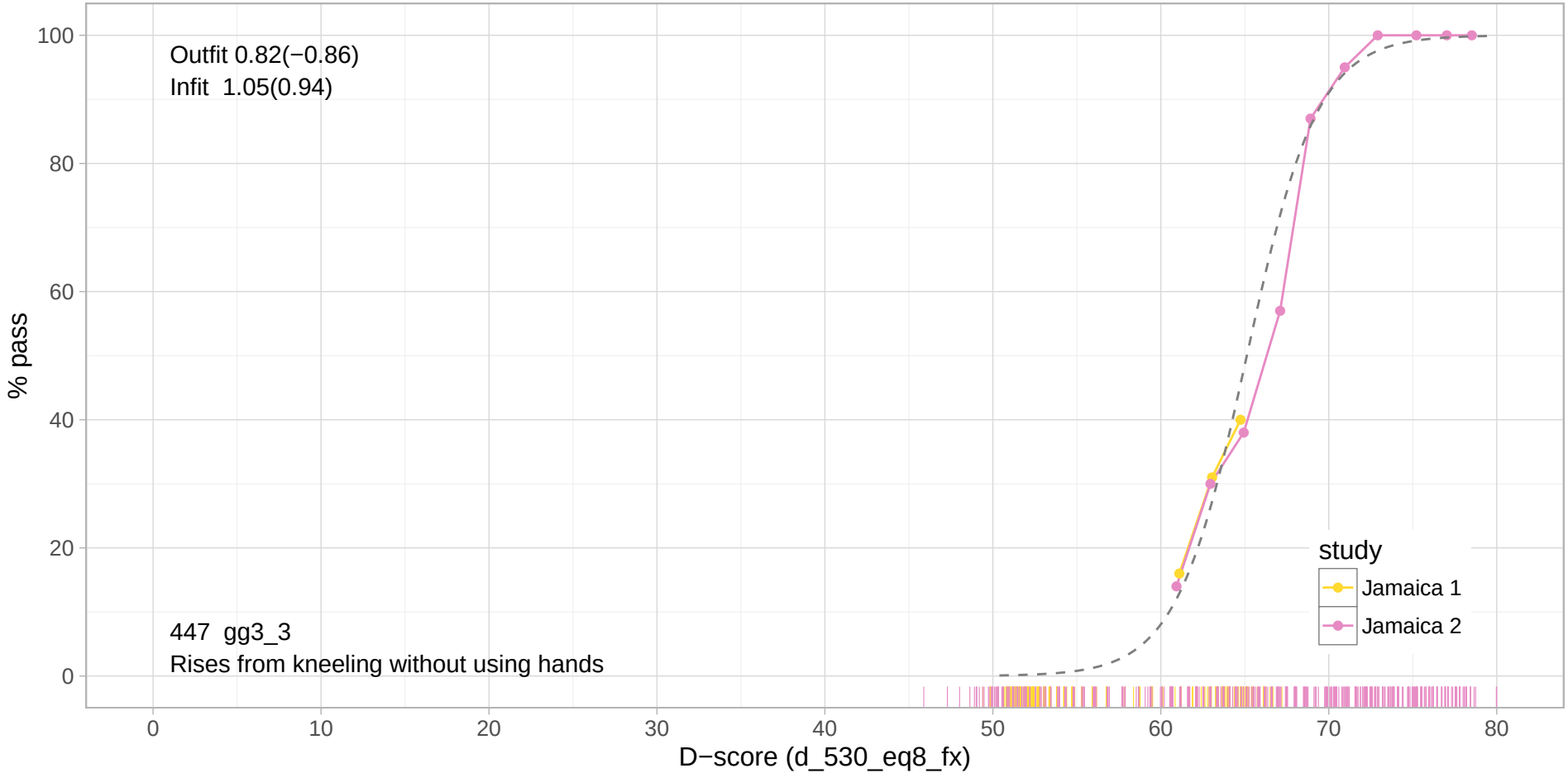

Outfit 1.05(0.32)
Infit 1.09(1.27)
442 gg2_20
(Locomotor) Can kick a ball.
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

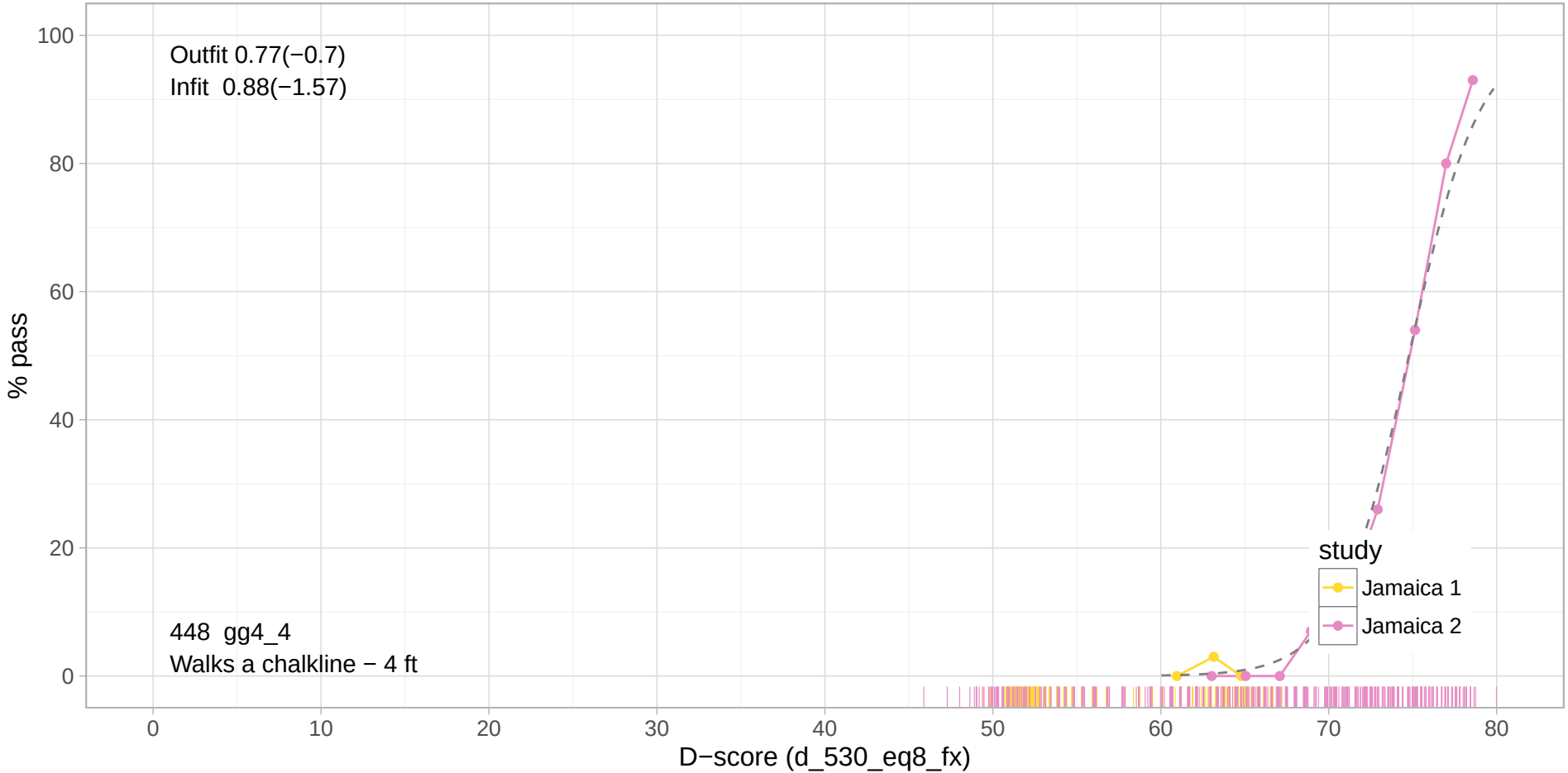

Outfit 1.05(0.3)
Infit 1.02(0.3)
443 gg2_21
(Locomotor) Can jump off a step
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

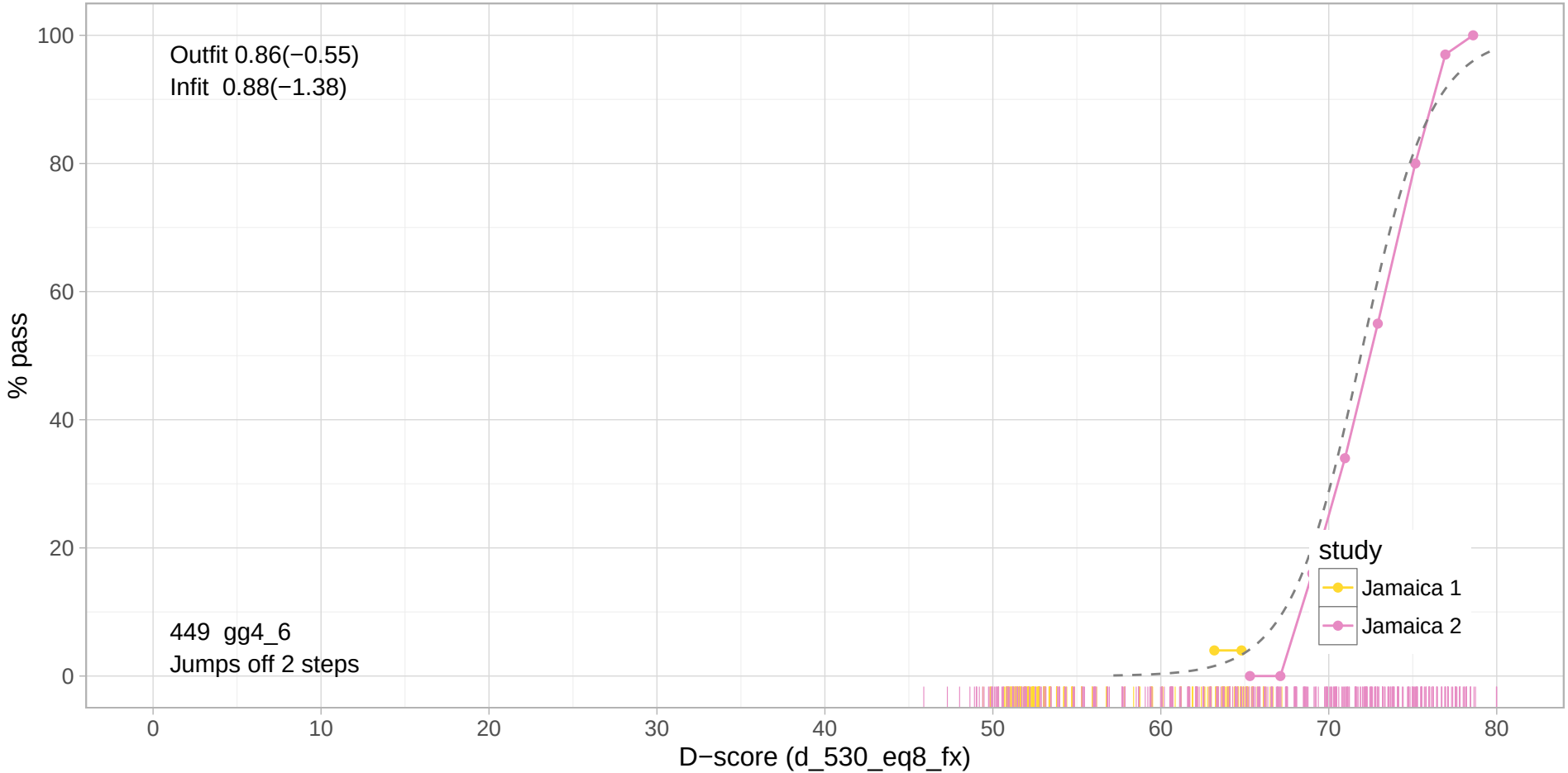

Outfit 1.49(2.12)
Infit 1.08(1.51)
444 gg2_23
Throws ball into basket
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

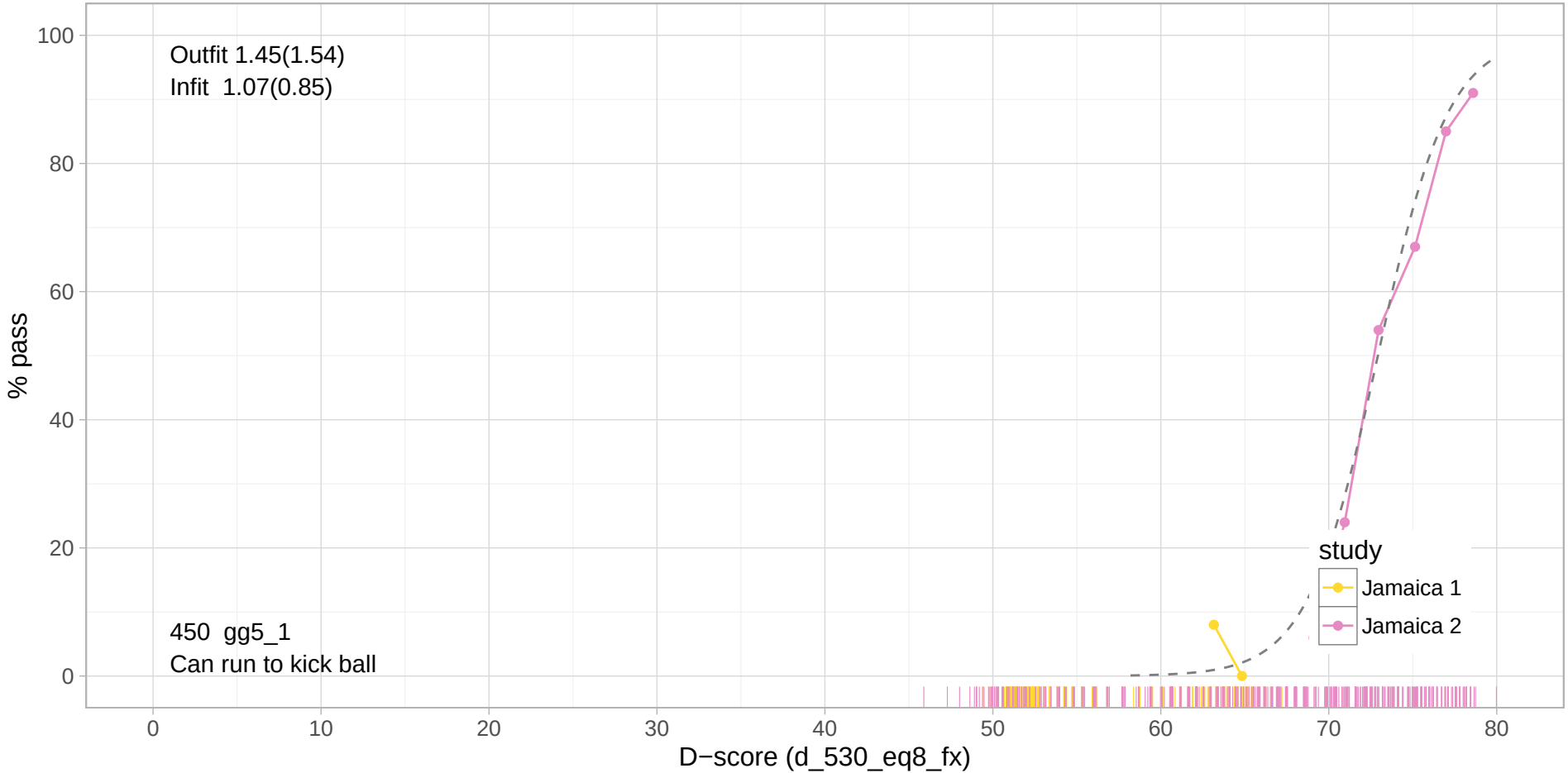

Outfit 1.01(0.12)
Infit 1.1(1.57)
445 gg3_1
Jumps off one step− both feet together
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

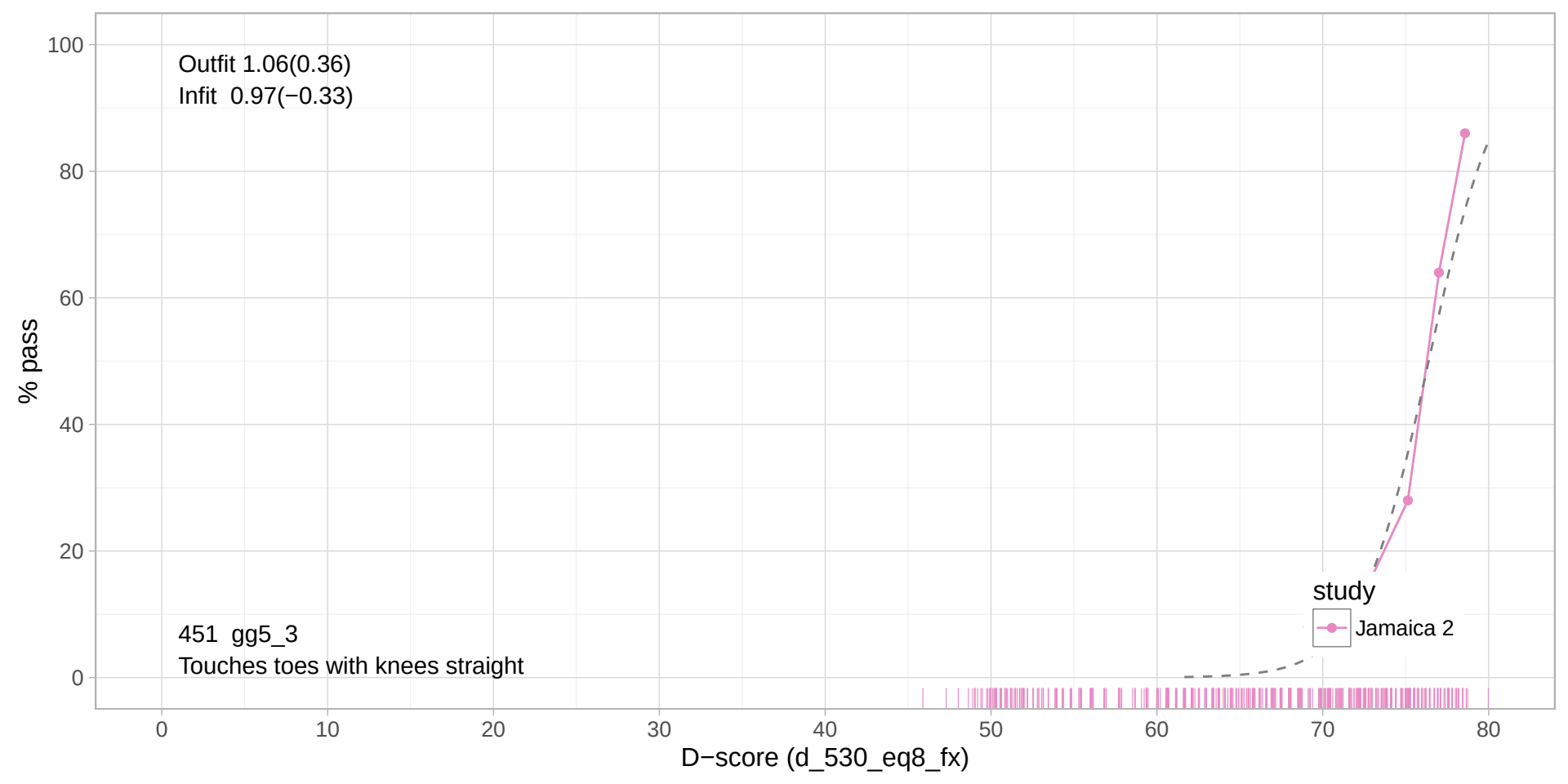
Outfit 1.5(1.79)
Infit 1.36(3.53)
446 gg3_2
(Locomotor) Can stand on one foot − for 6+ seconds
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

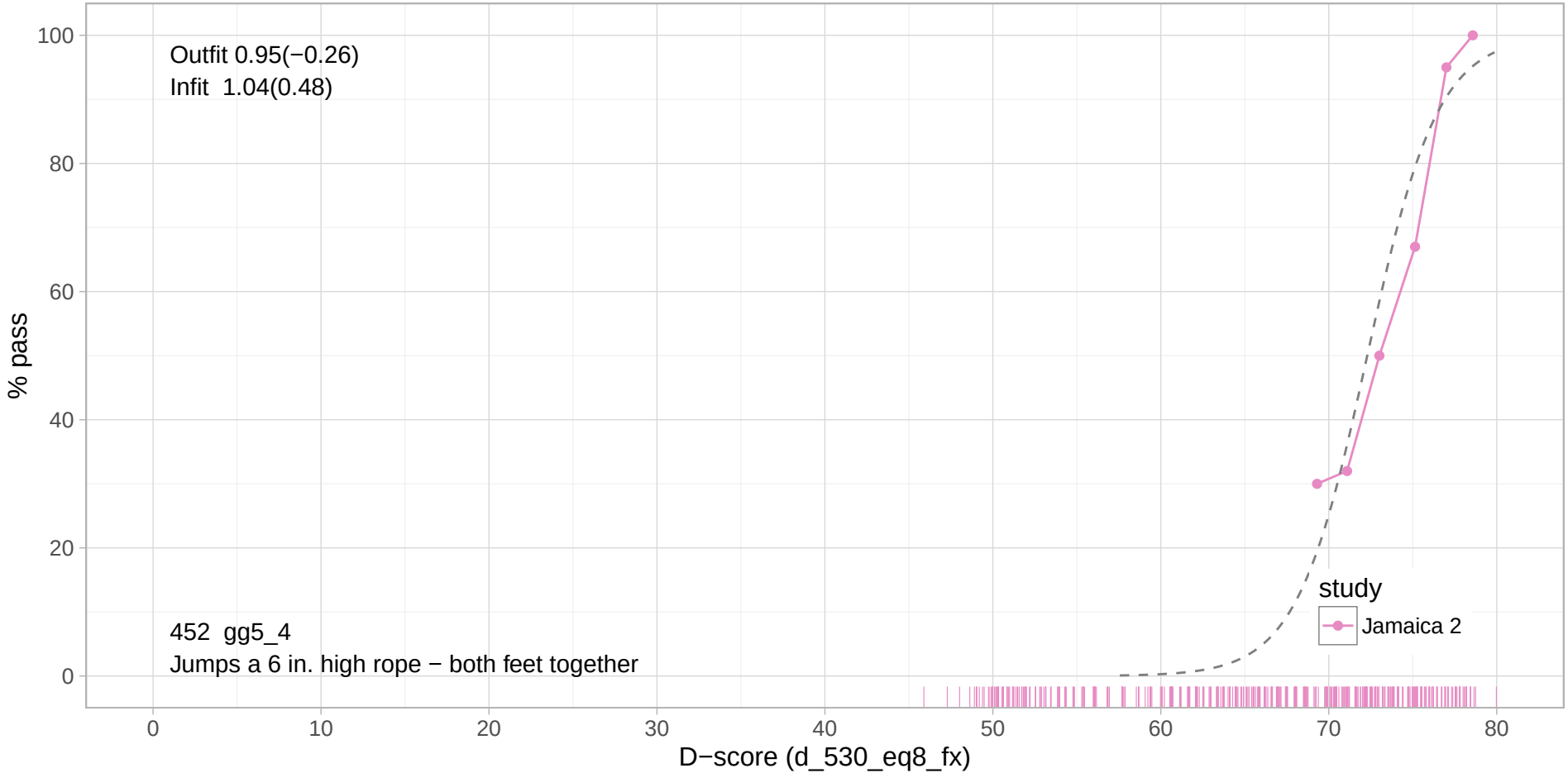

Outfit 0.82(−0.86)
Infit 1.05(0.94)
447 gg3_3
Rises from kneeling without using hands
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

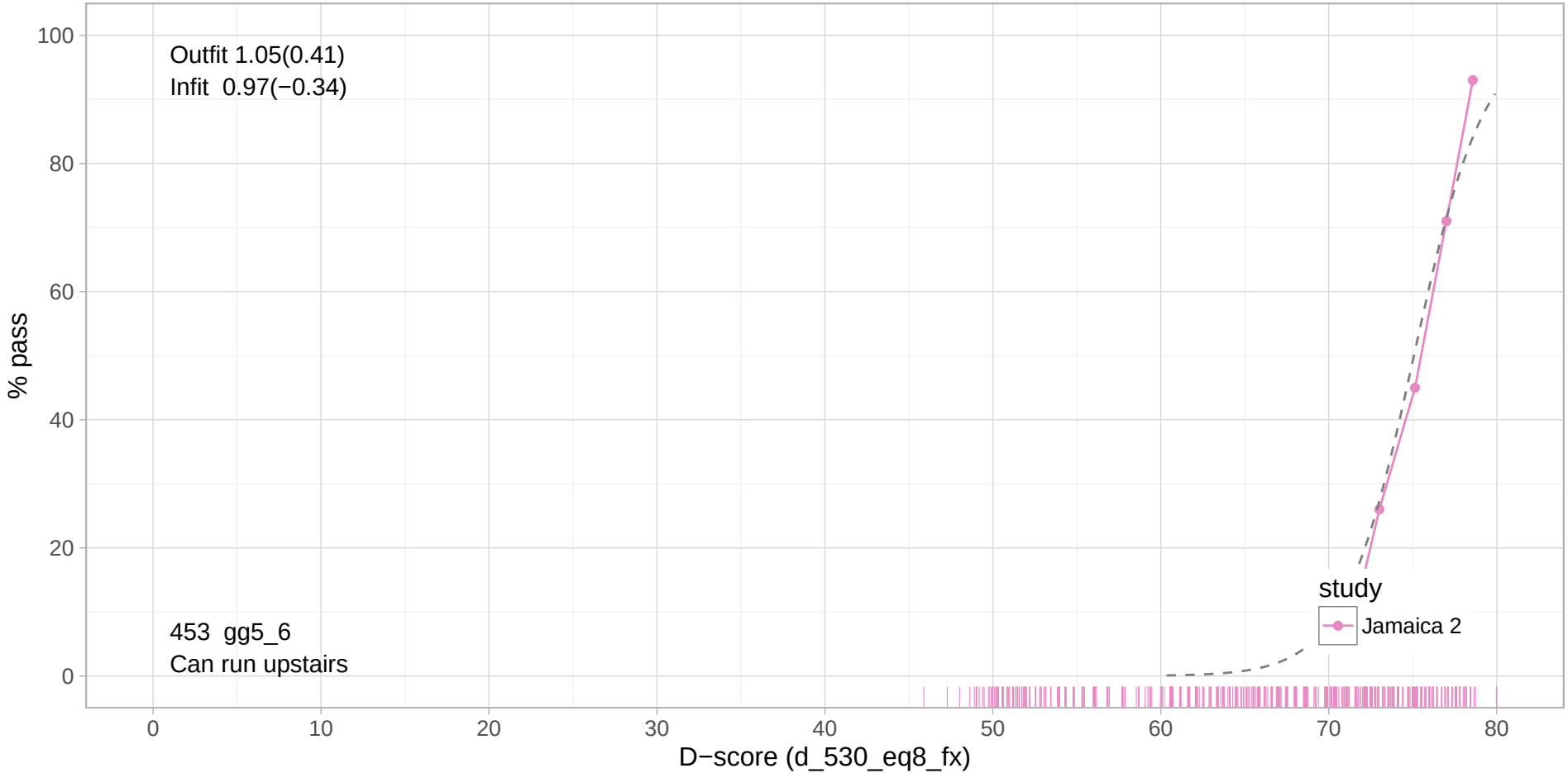

Outfit 0.77(−0.7)
Infit 0.88(−1.57)
448 gg4_4
Walks a chalkline − 4 ft
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

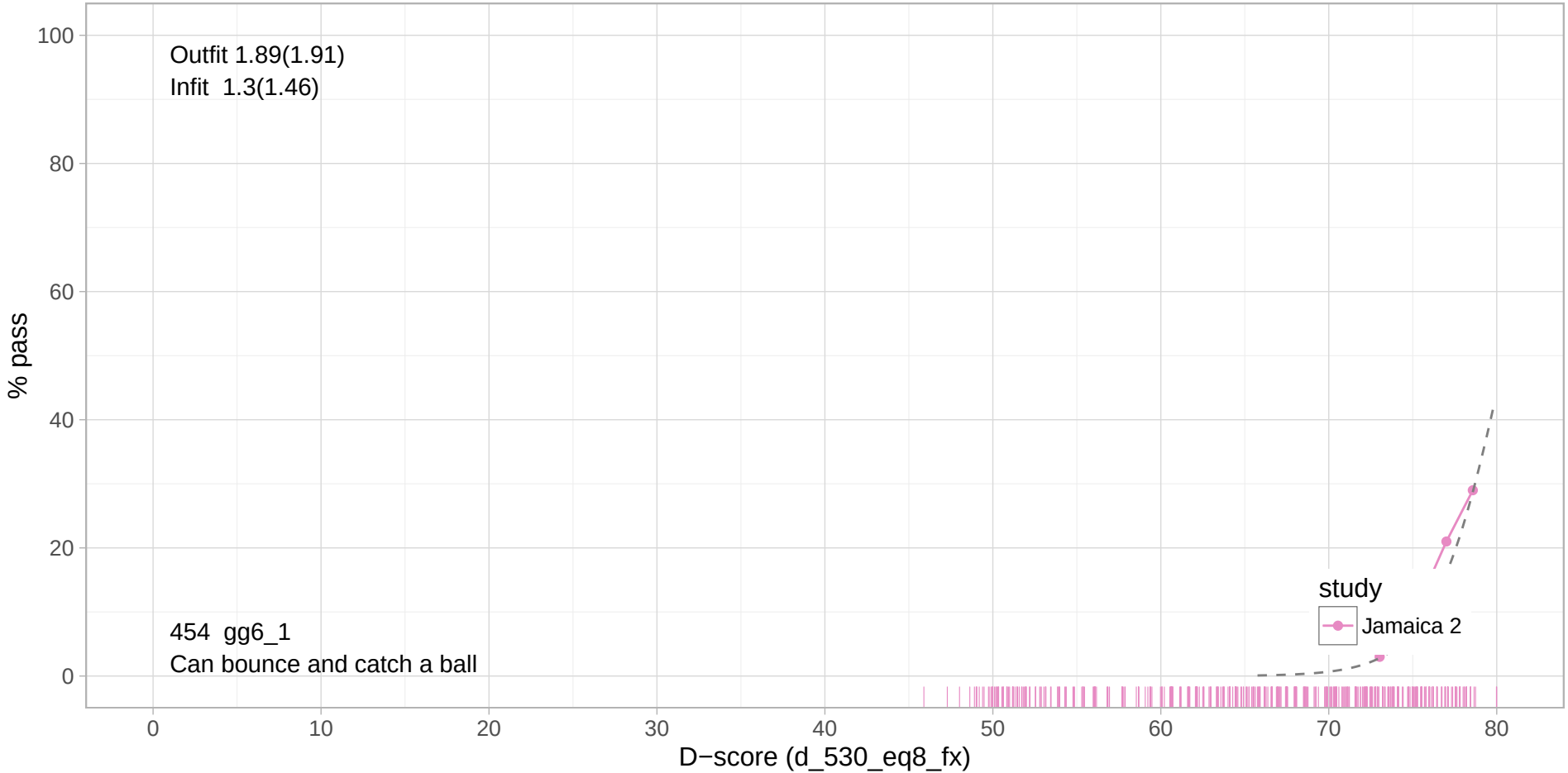

Outfit 0.86(−0.55)
Infit 0.88(−1.38)
449 gg4_6
Jumps off 2 steps
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

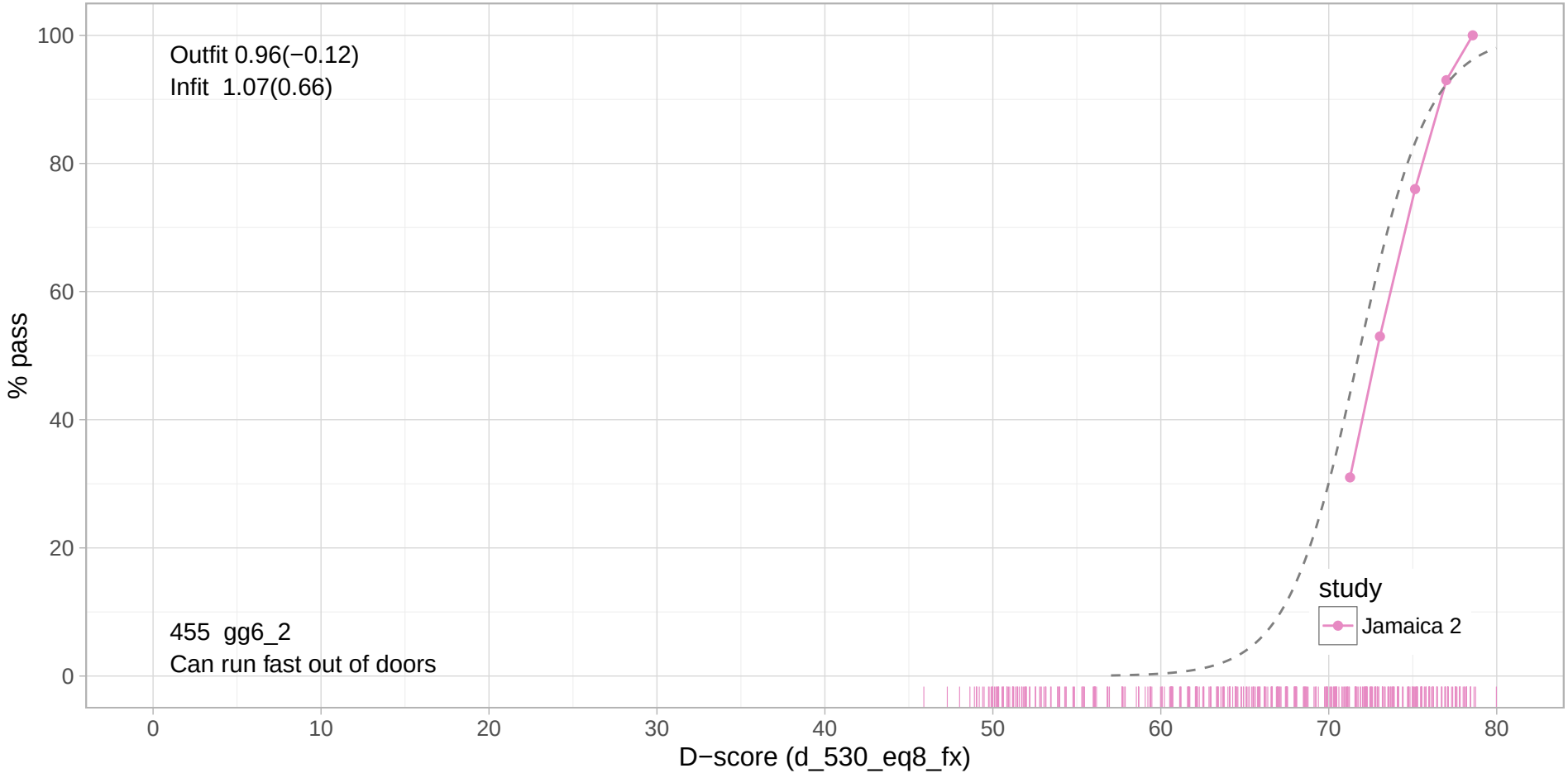

Outfit 1.45(1.54)
Infit 1.07(0.85)
450 gg5_1
Can run to kick ball
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

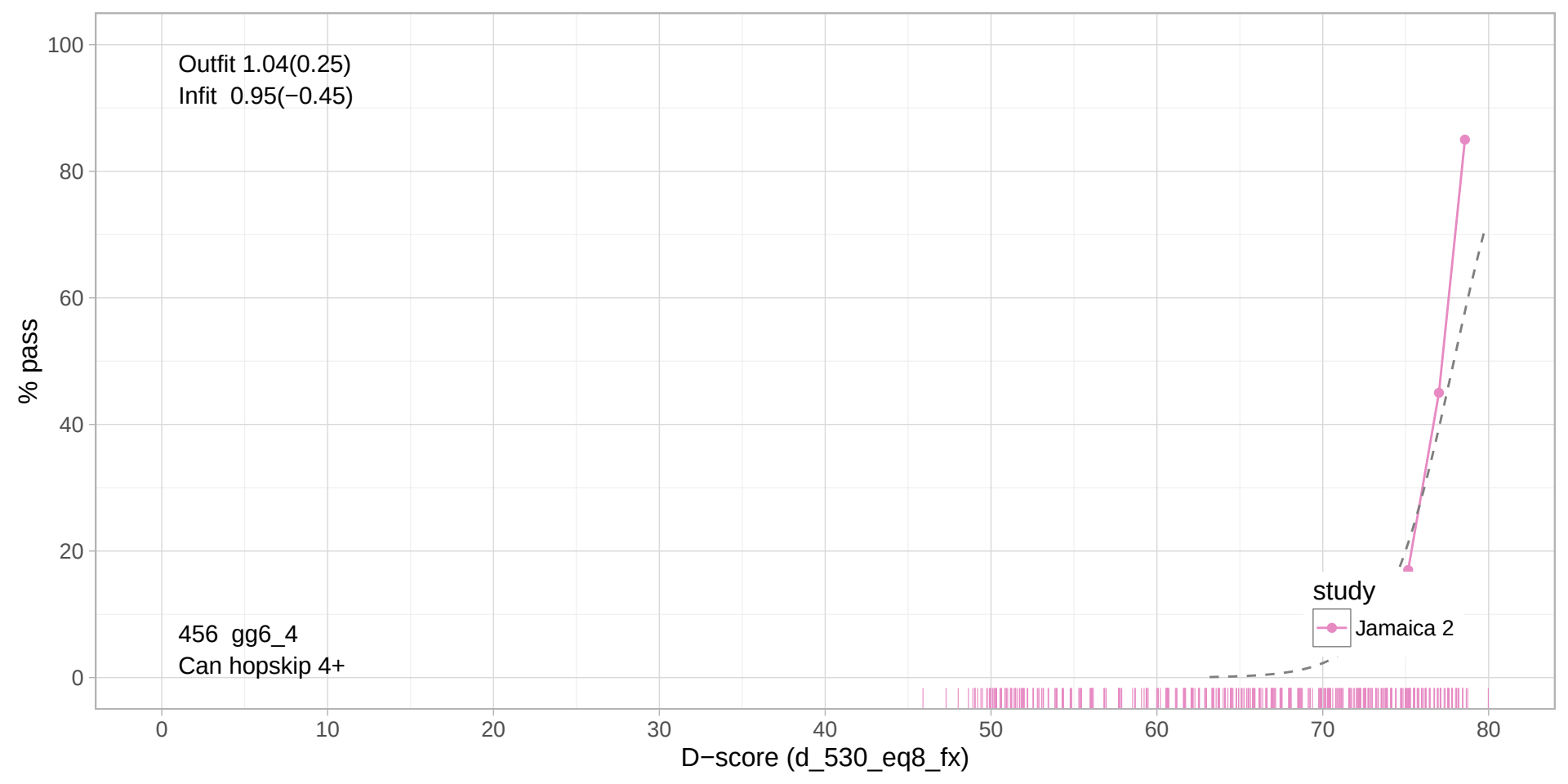

Outfit 1.06(0.36)
Infit 0.97(−0.33)
451 gg5_3
Touches toes with knees straight
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

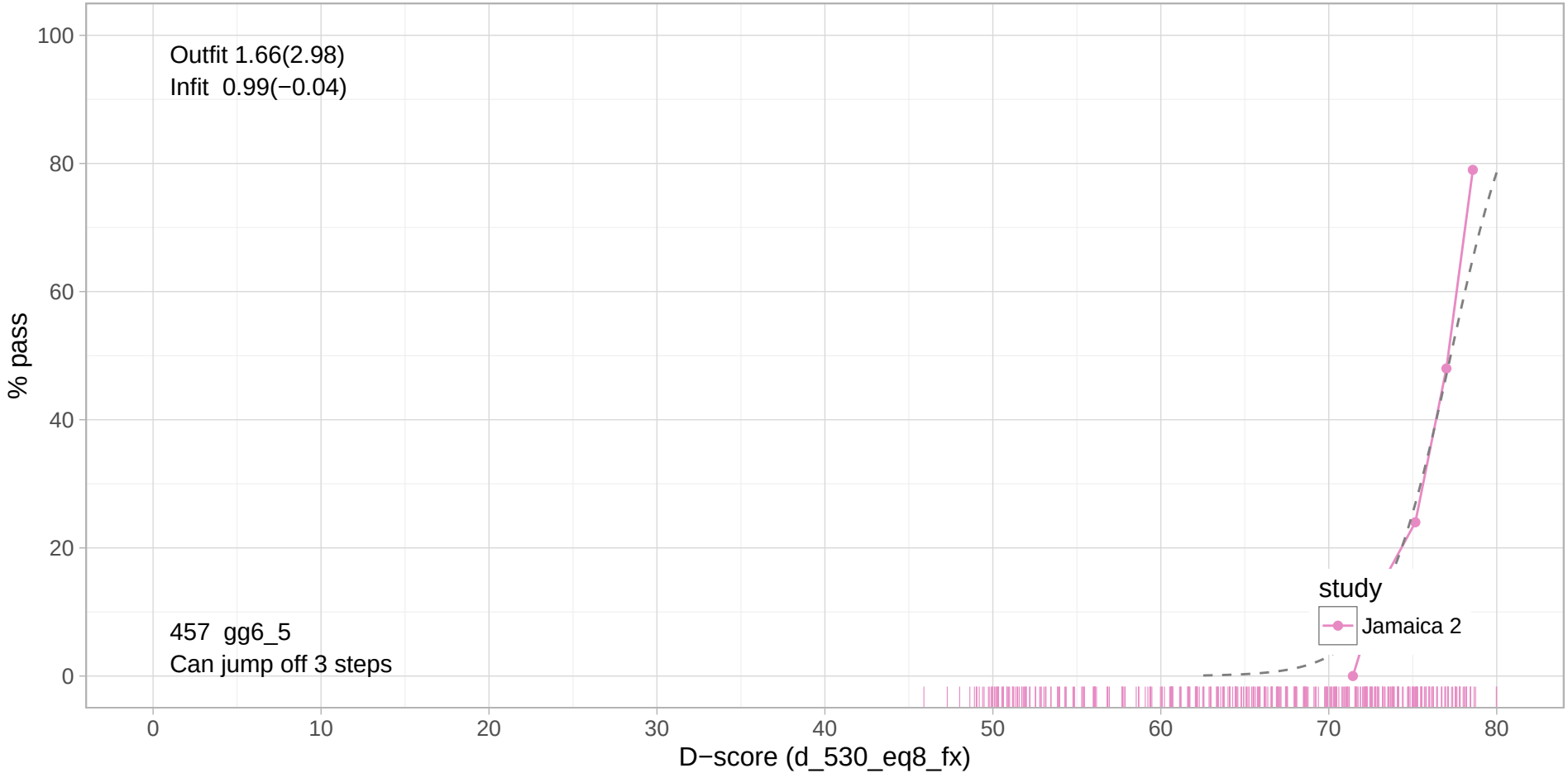

Outfit 0.95(−0.26)
Infit 1.04(0.48)
452 gg5_4
Jumps a 6 in. high rope − both feet together
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

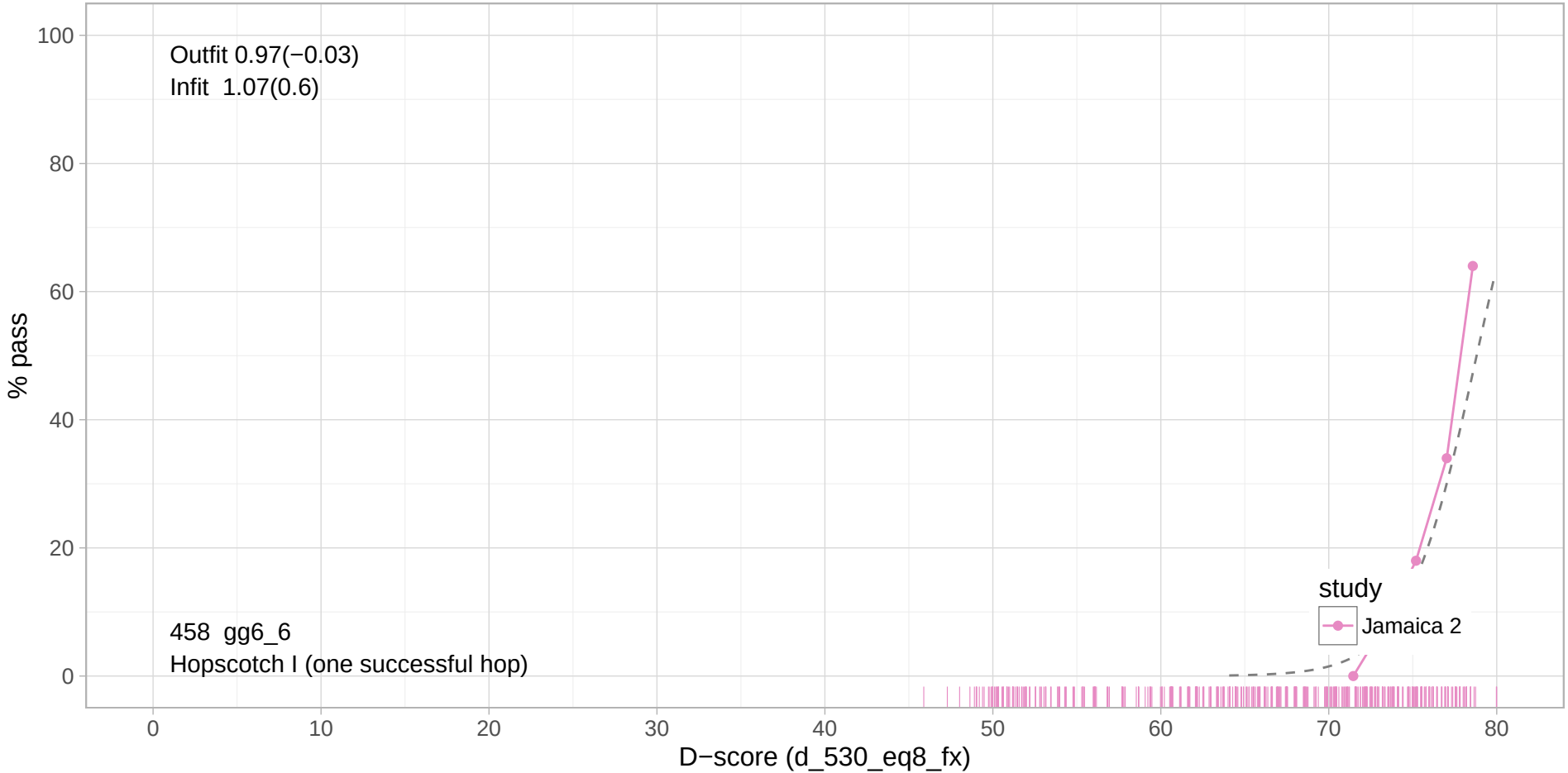

Outfit 1.05(0.41)
Infit 0.97(−0.34)
453 gg5_6
Can run upstairs
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2

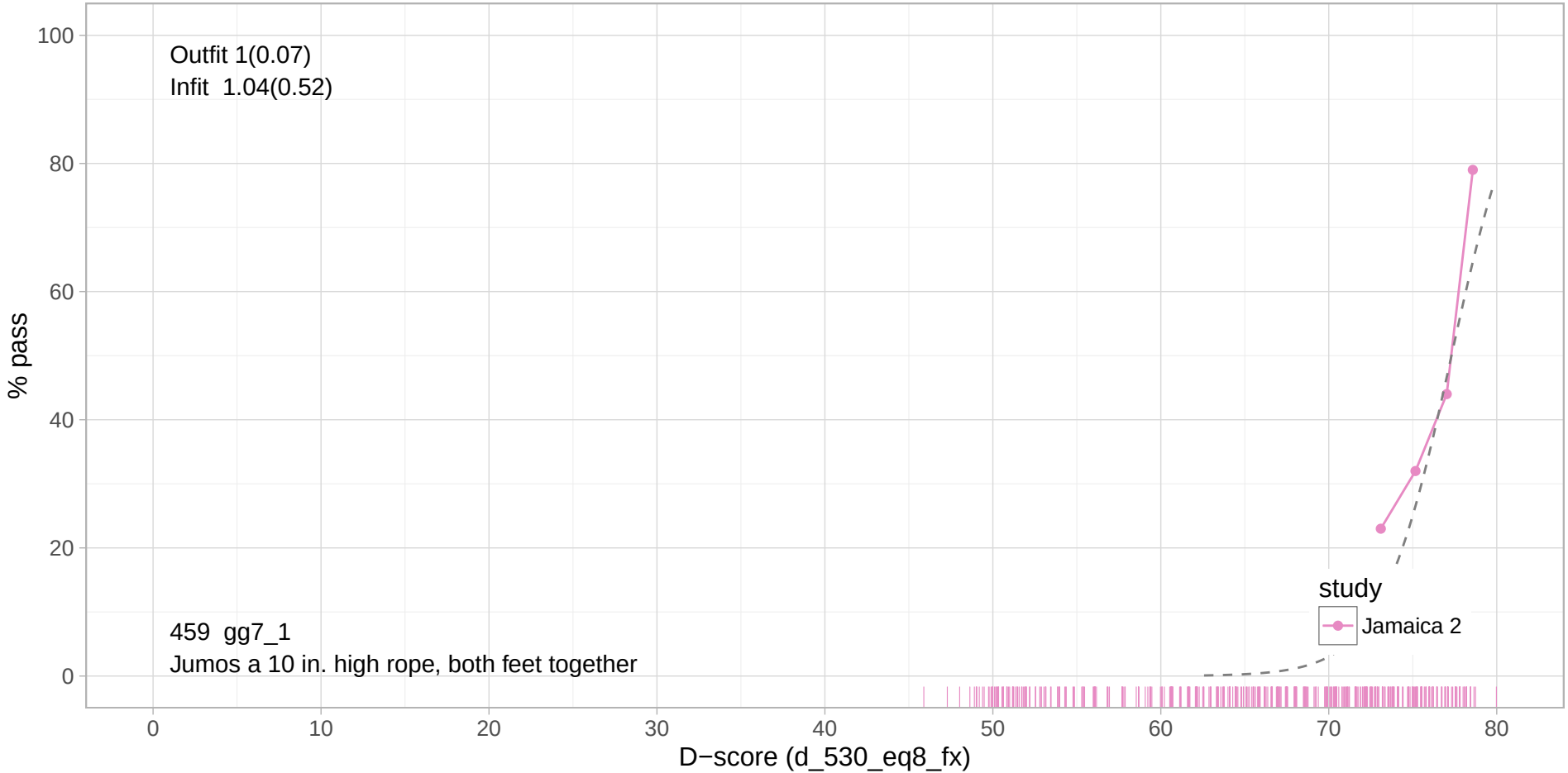

Outfit 1.89(1.91)
Infit 1.3(1.46)
454 gg6_1
Can bounce and catch a ball
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

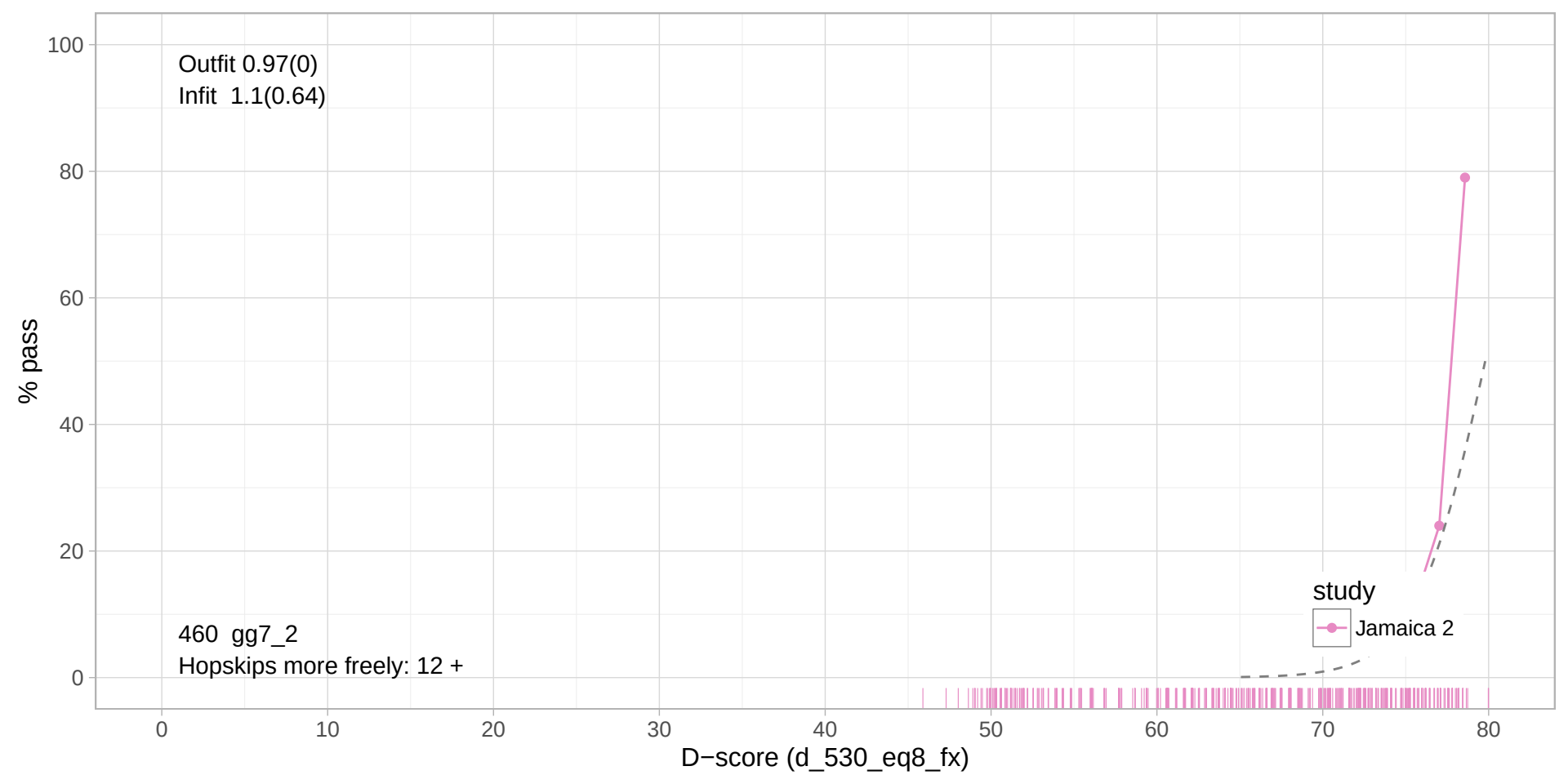

Outfit 0.96(−0.12)
Infit 1.07(0.66)
455 gg6_2
Can run fast out of doors
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

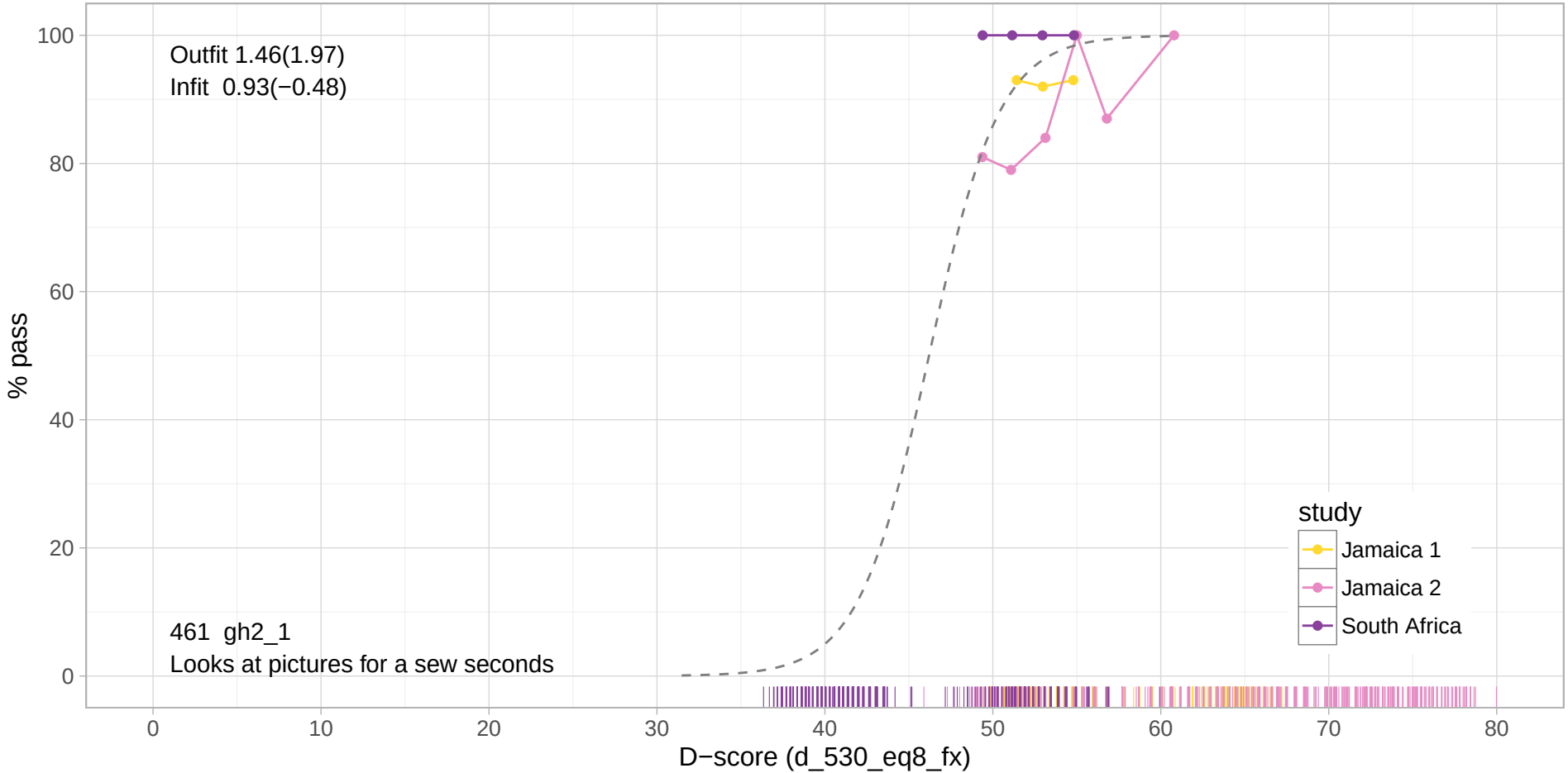

Outfit 1.04(0.25)
Infit 0.95(−0.45)
456 gg6_4
Can hopskip 4+
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2

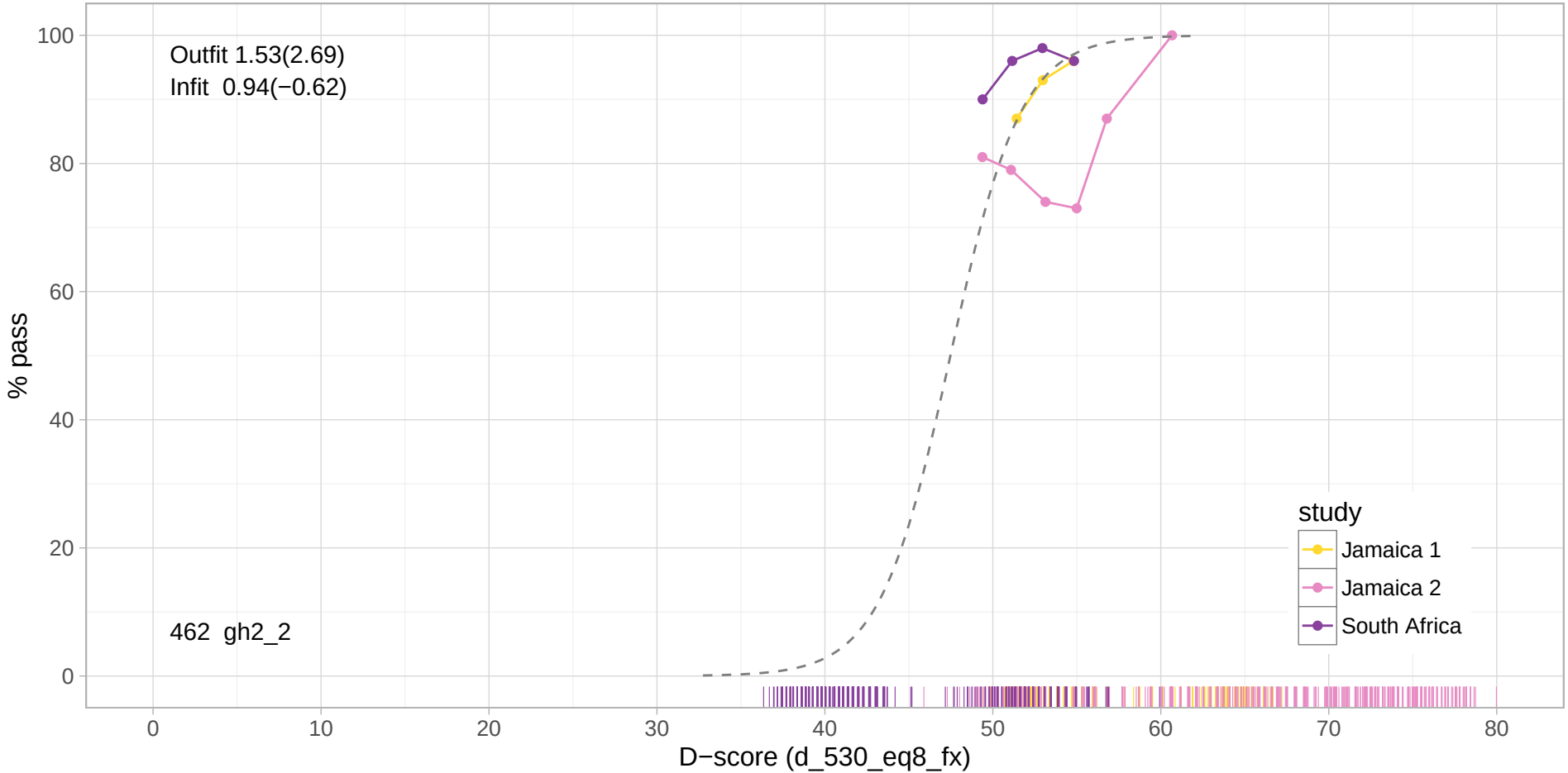

Outfit 1.66(2.98)
Infit 0.99(−0.04)
457 gg6_5
Can jump off 3 steps
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

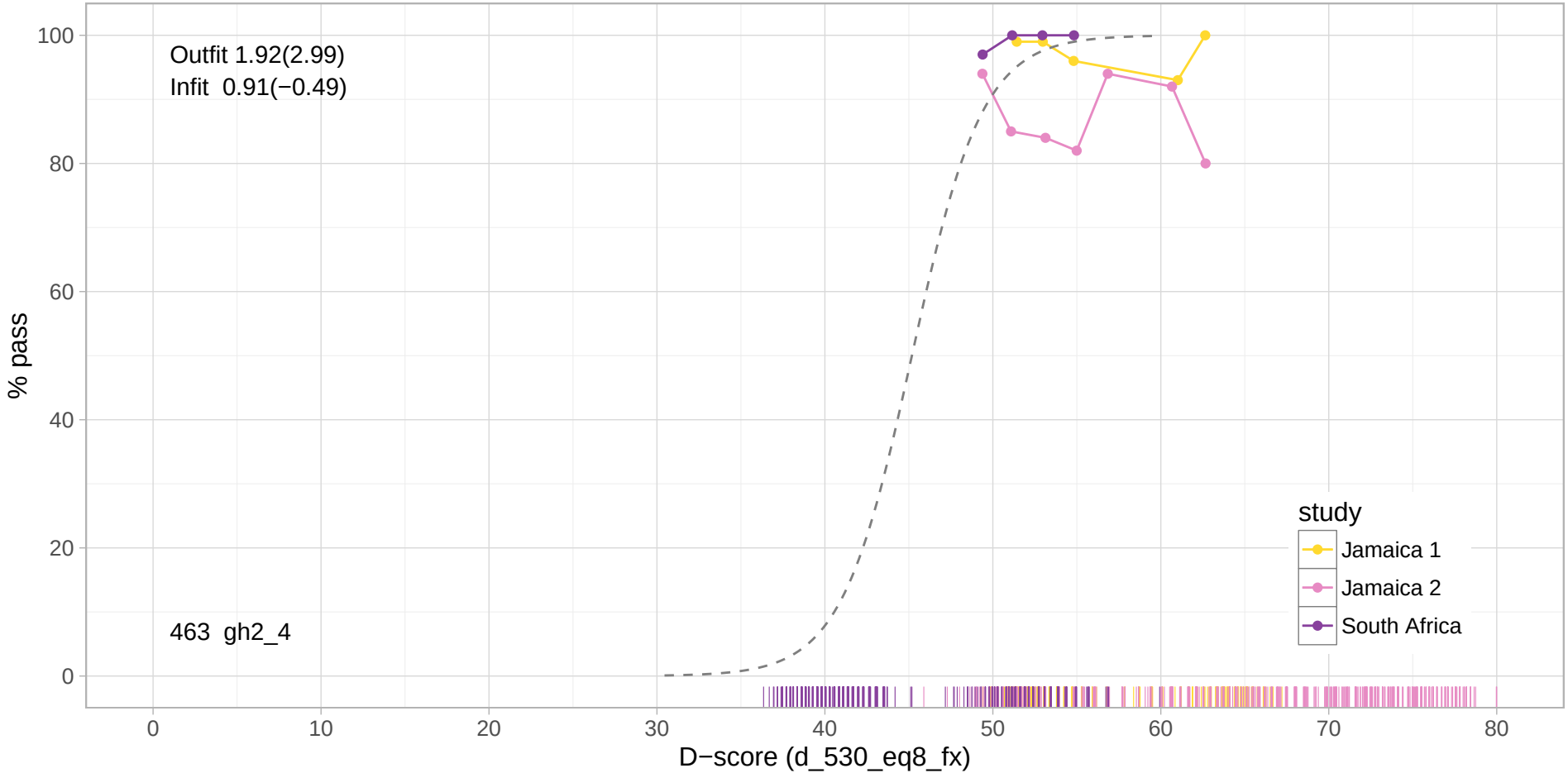

Outfit 0.97(−0.03)
Infit 1.07(0.6)
458 gg6_6
Hopscotch I (one successful hop)
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

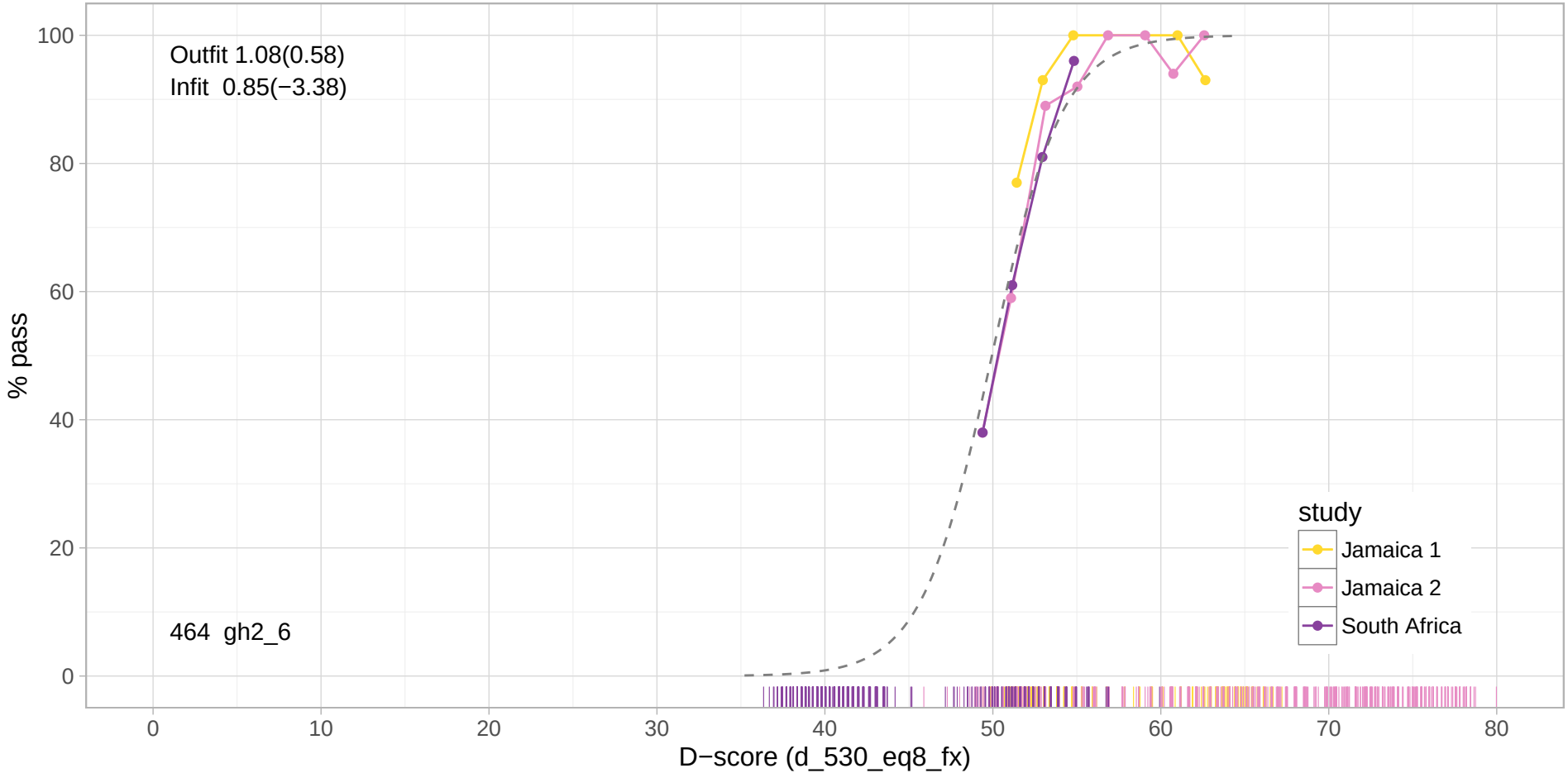

Outfit 1(0.07)
Infit 1.04(0.52)
459 gg7_1
Jumos a 10 in. high rope, both feet together
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

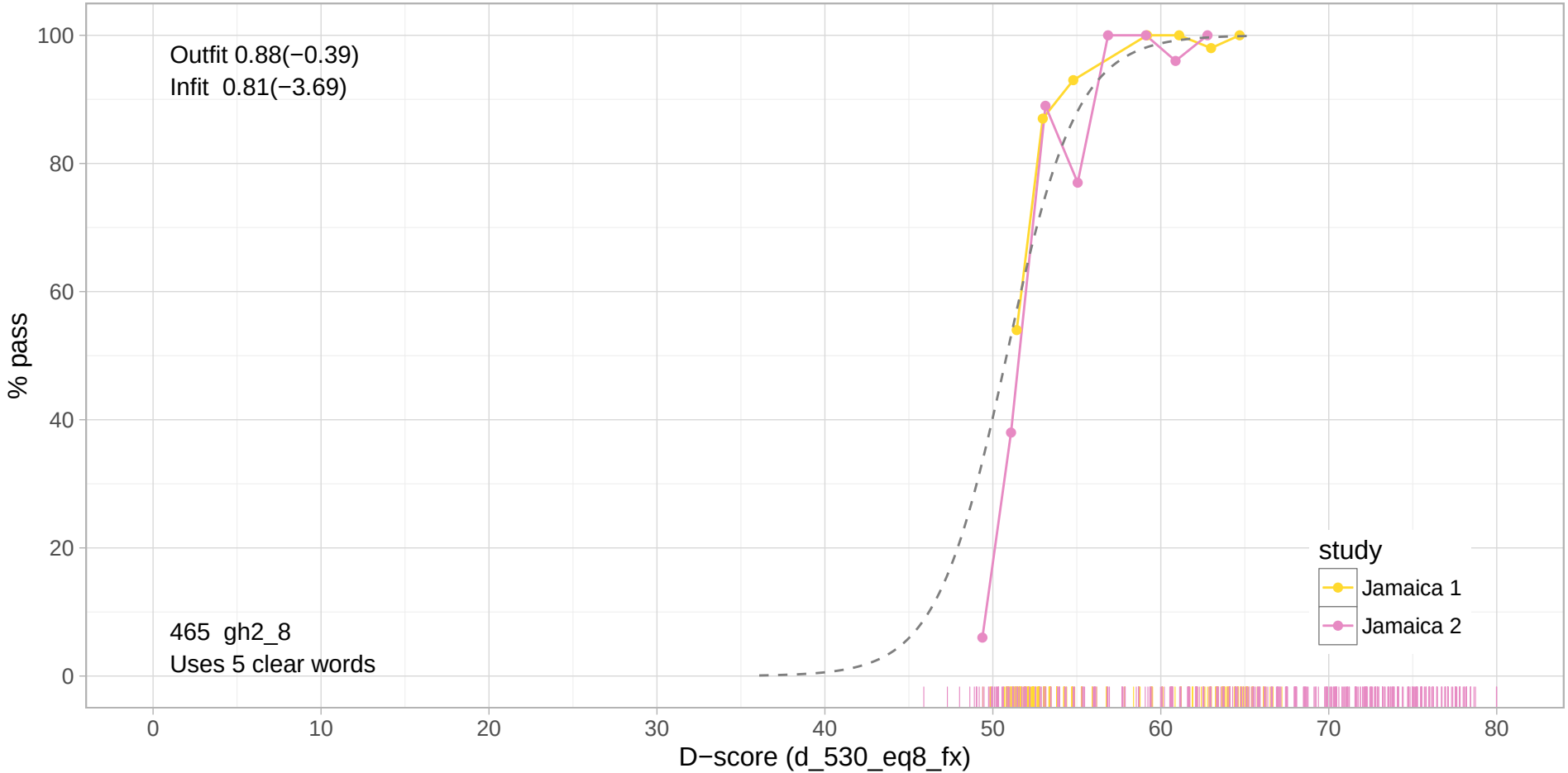

Outfit 0.97(0)
Infit 1.1(0.64)
460 gg7_2
Hopskips more freely: 12 +
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

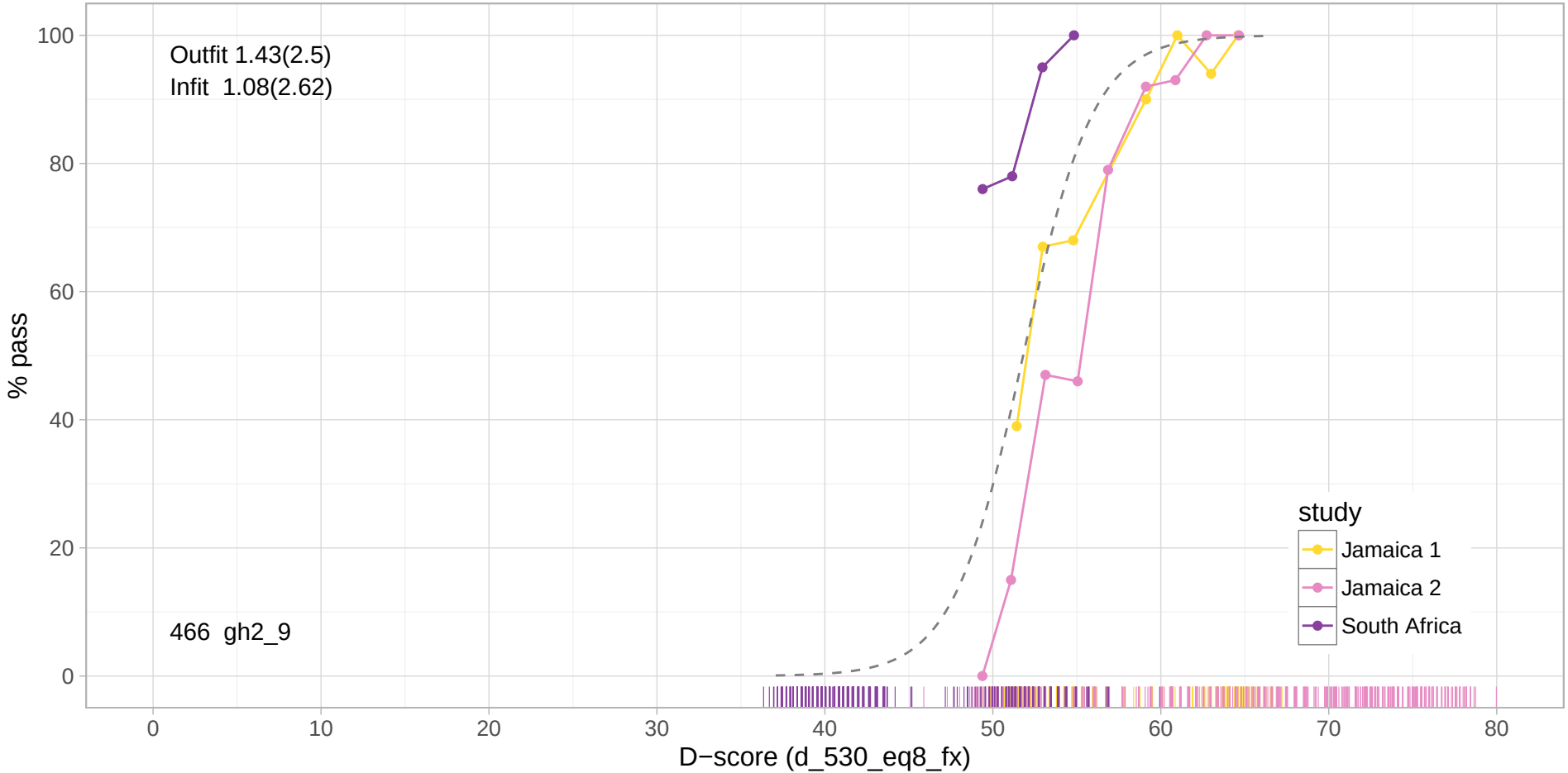

Outfit 1.46(1.97)
Infit 0.93(−0.48)
461 gh2_1
Looks at pictures for a sew seconds
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

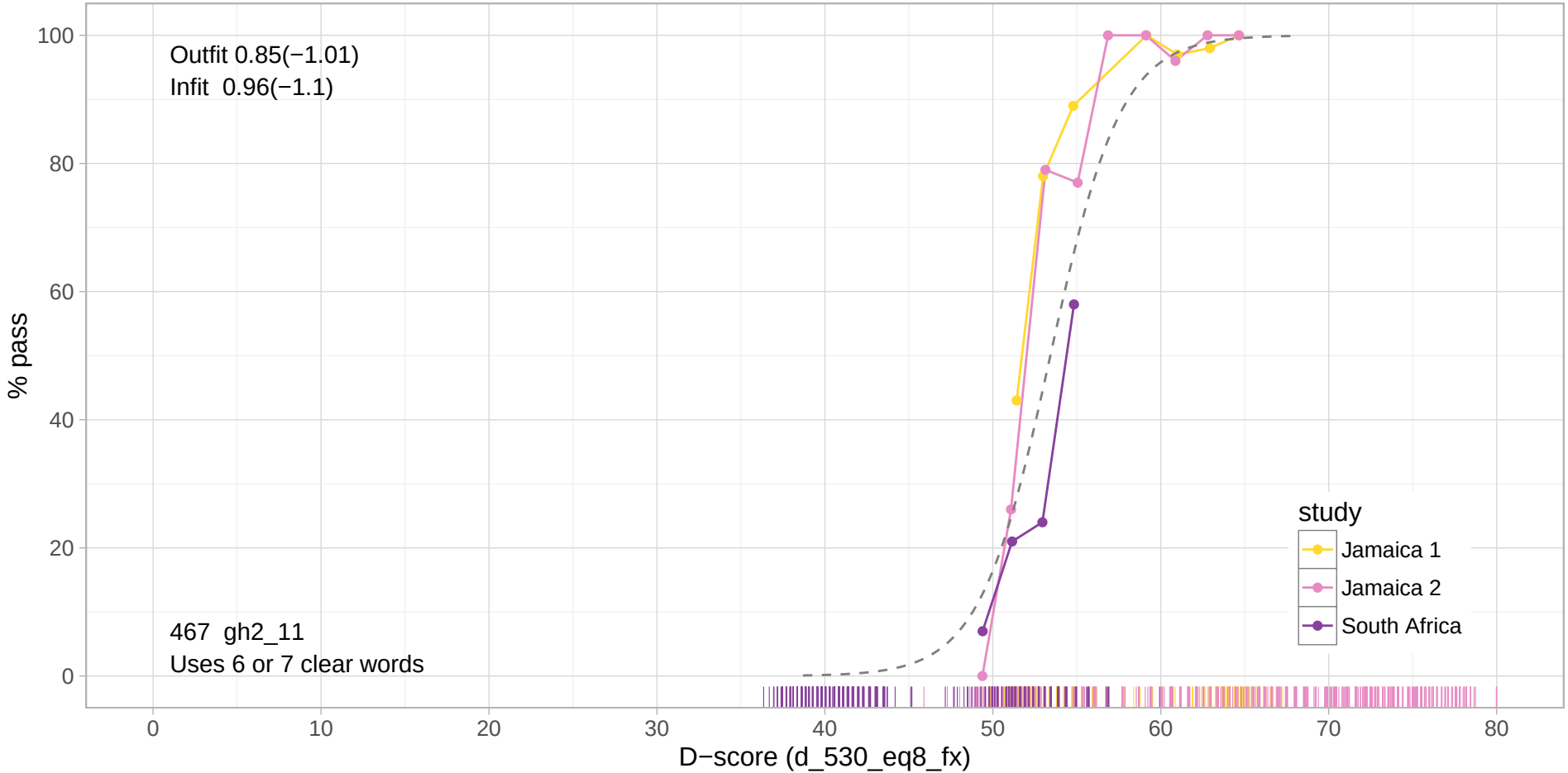

Outfit 1.53(2.69)
Infit 0.94(−0.62)
462 gh2_2
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

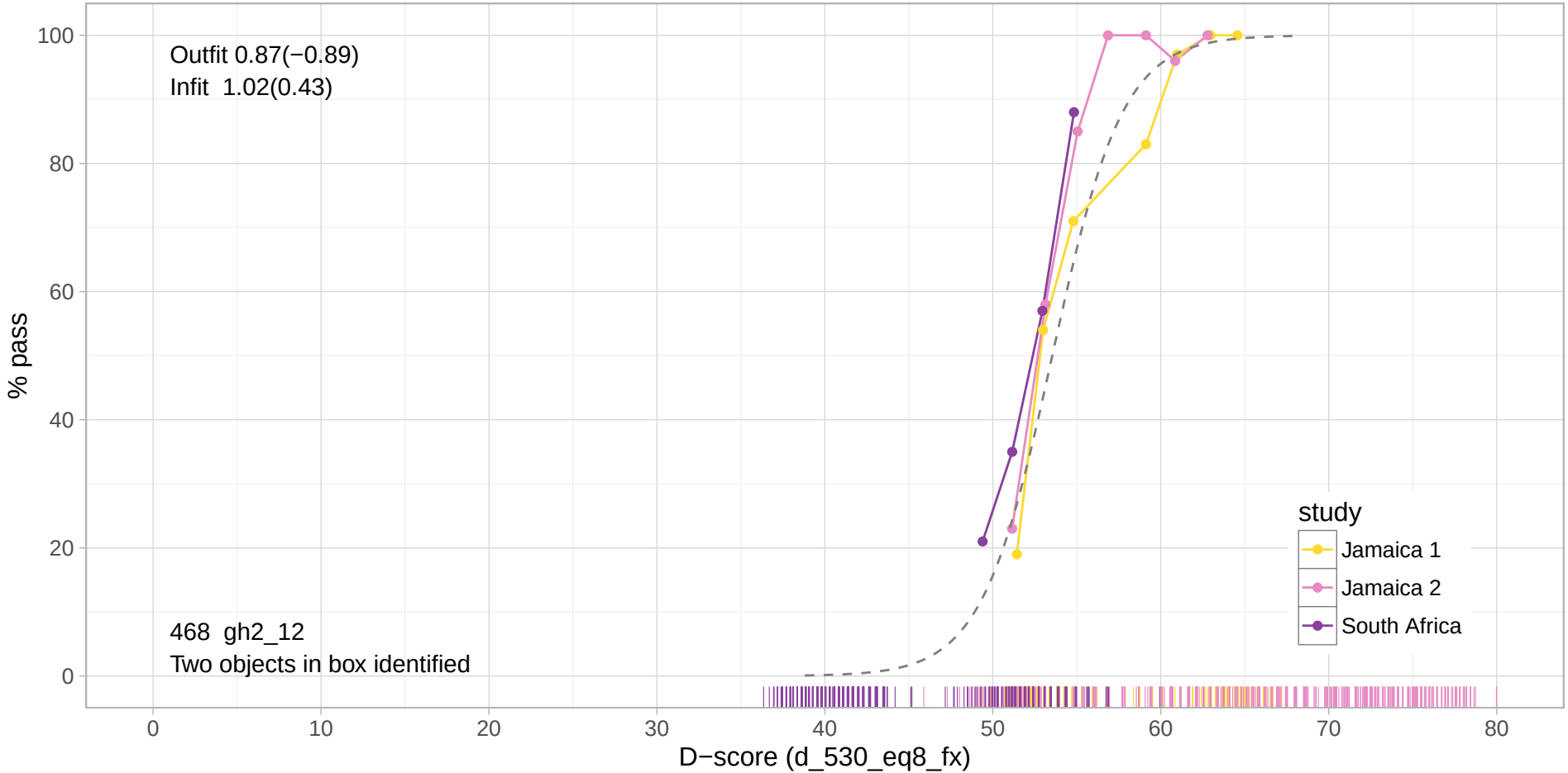

Outfit 1.92(2.99)
Infit 0.91(−0.49)
463 gh2_4
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

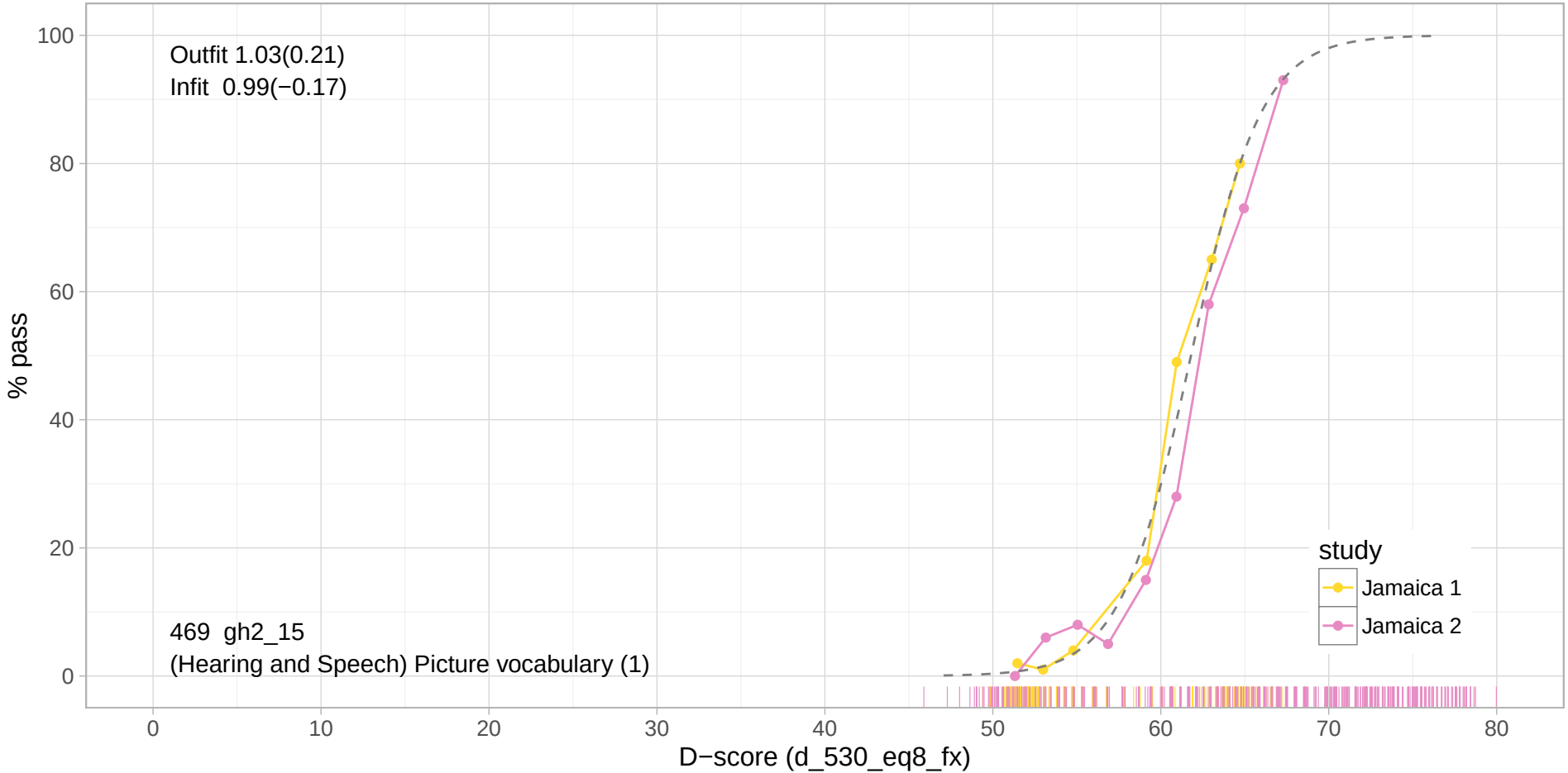

Outfit 1.08(0.58)
Infit 0.85(−3.38)
464 gh2_6
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

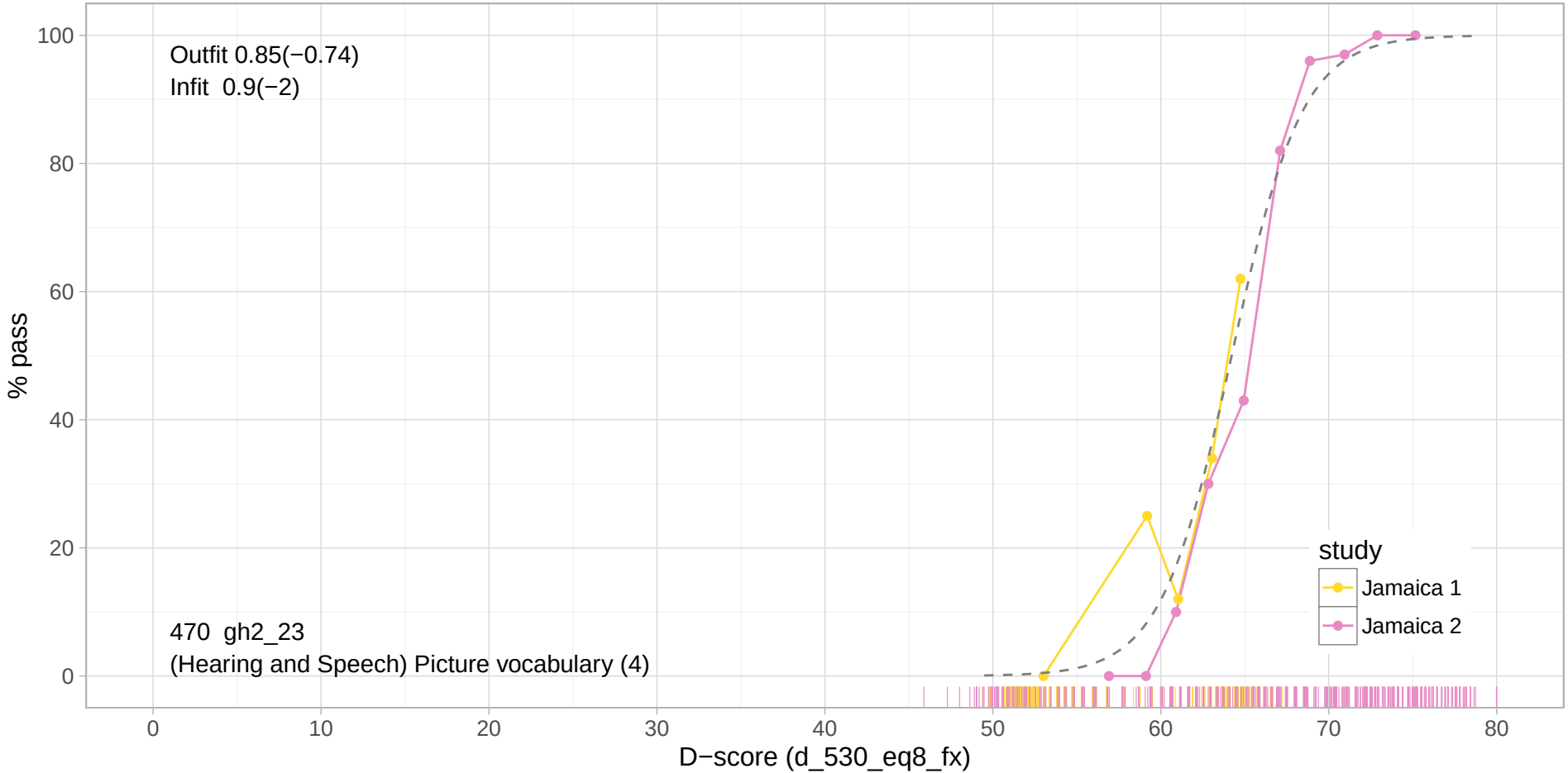

Outfit 0.88(−0.39)
Infit 0.81(−3.69)
465 gh2_8
Uses 5 clear words
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

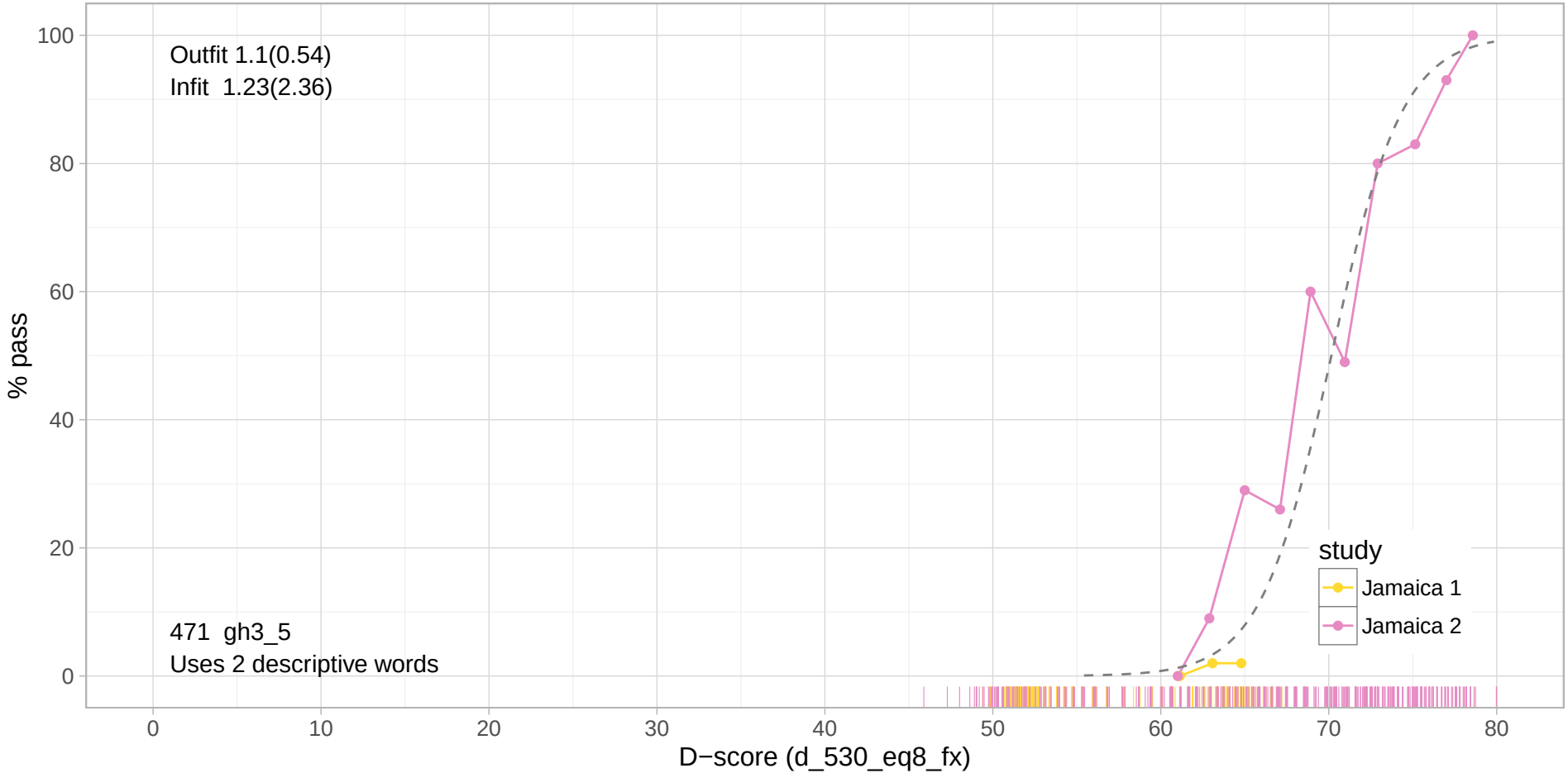

Outfit 1.43(2.5)
Infit 1.08(2.62)
466 gh2_9
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

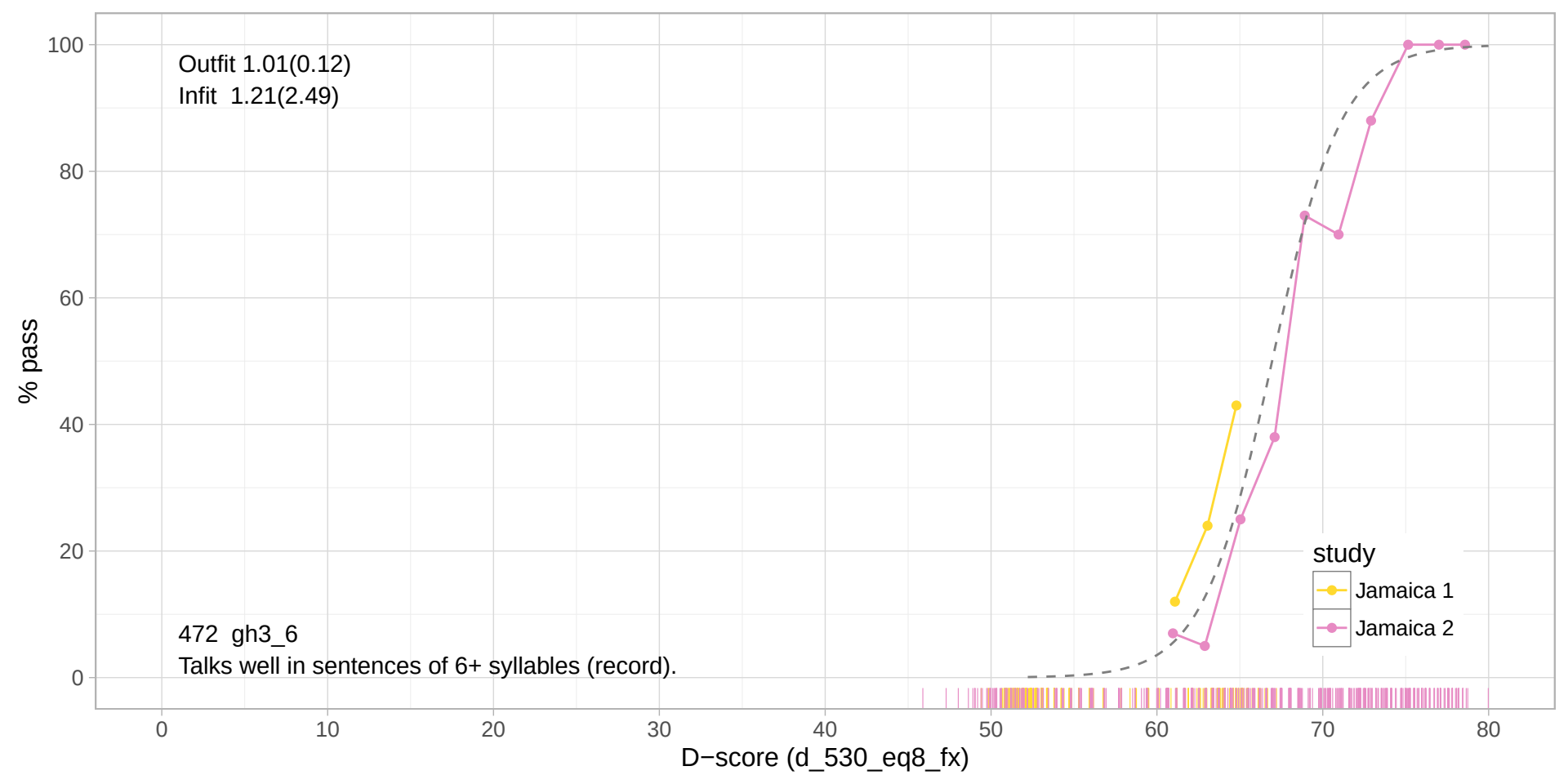

Outfit 0.85(−1.01)
Infit 0.96(−1.1)
467 gh2_11
Uses 6 or 7 clear words
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

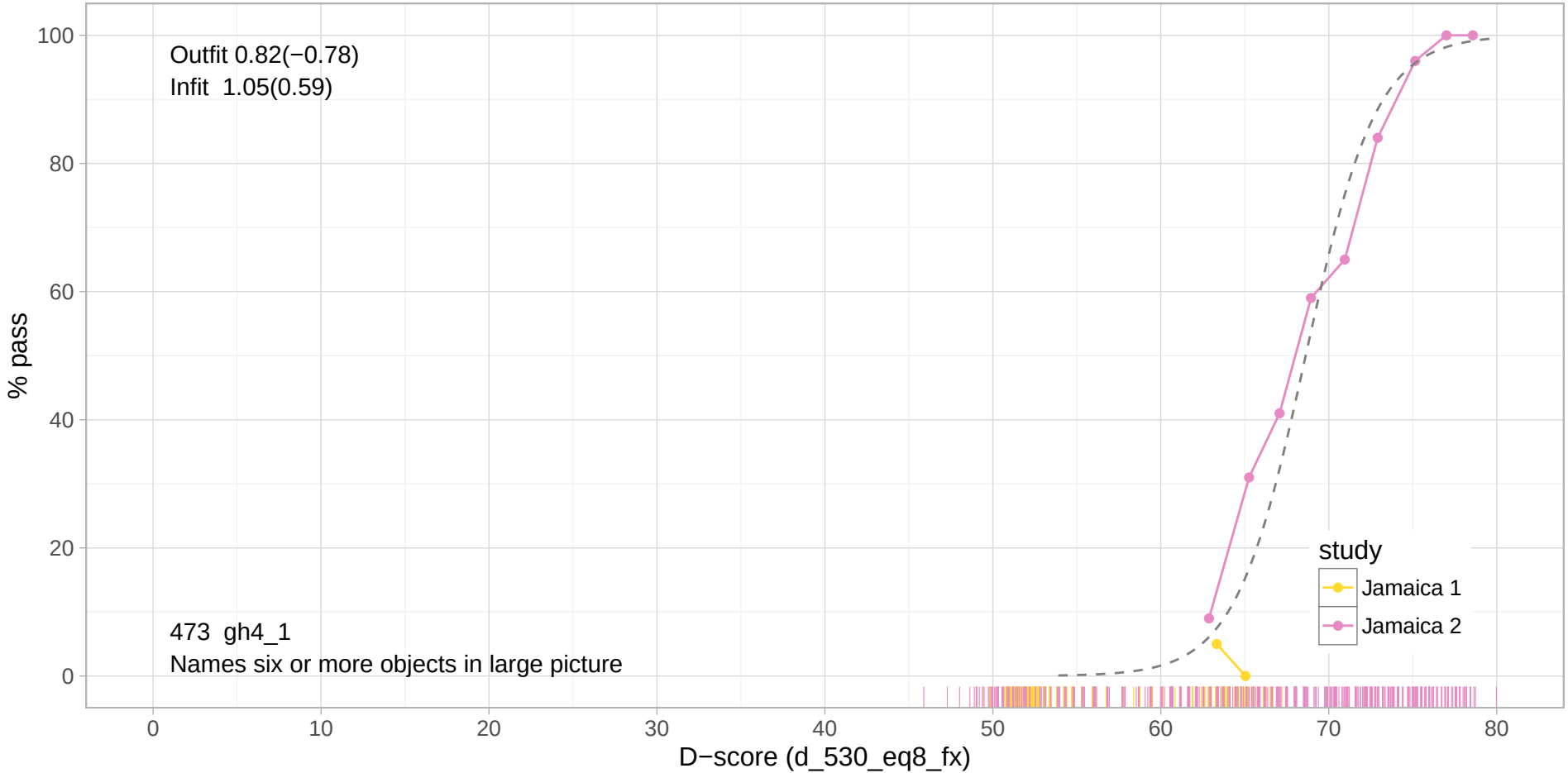

Outfit 0.87(−0.89)
Infit 1.02(0.43)
468 gh2_12
Two objects in box identified
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

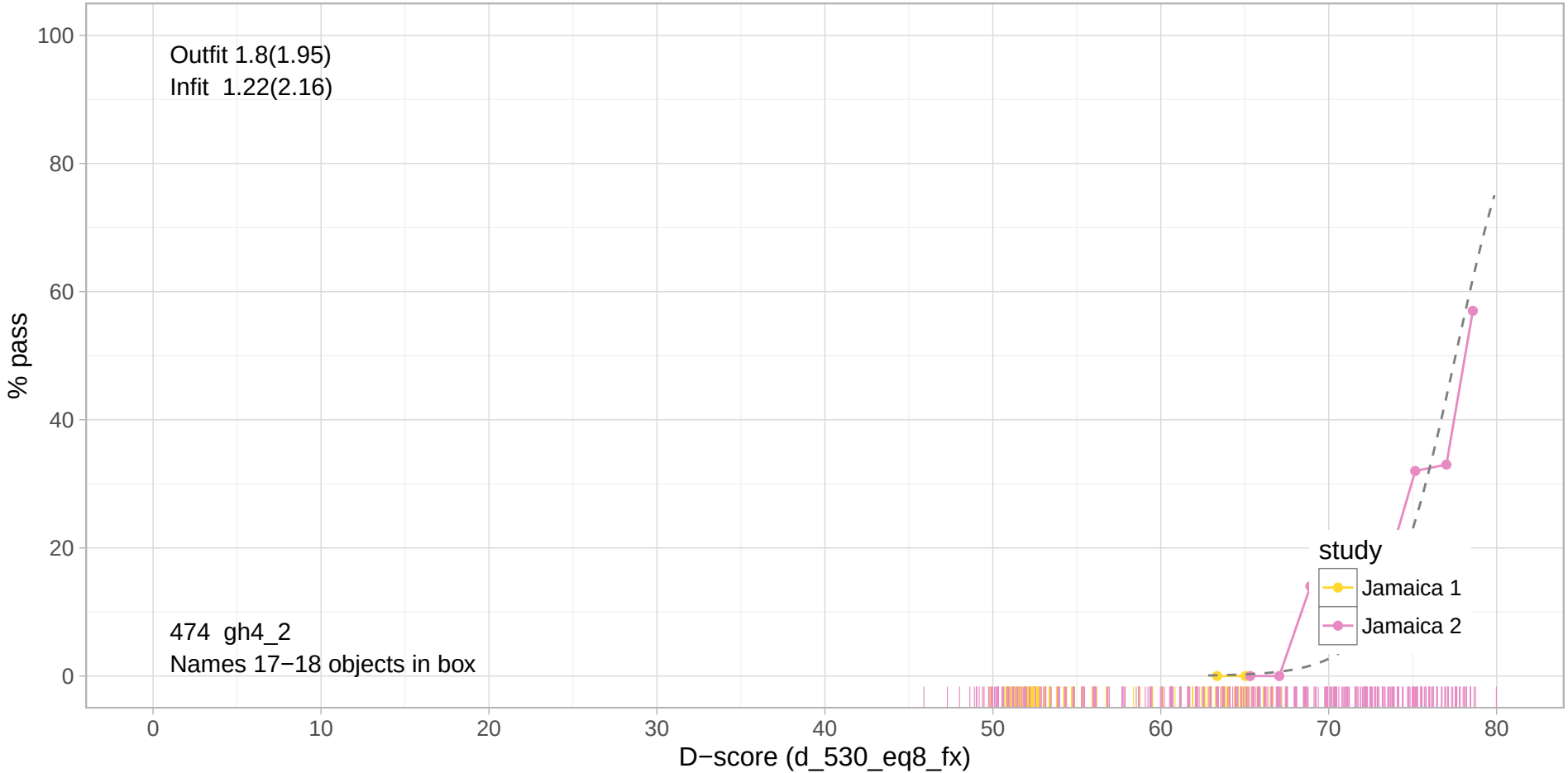

Outfit 1.03(0.21)
Infit 0.99(−0.17)
469 gh2_15
(Hearing and Speech) Picture vocabulary (1)
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

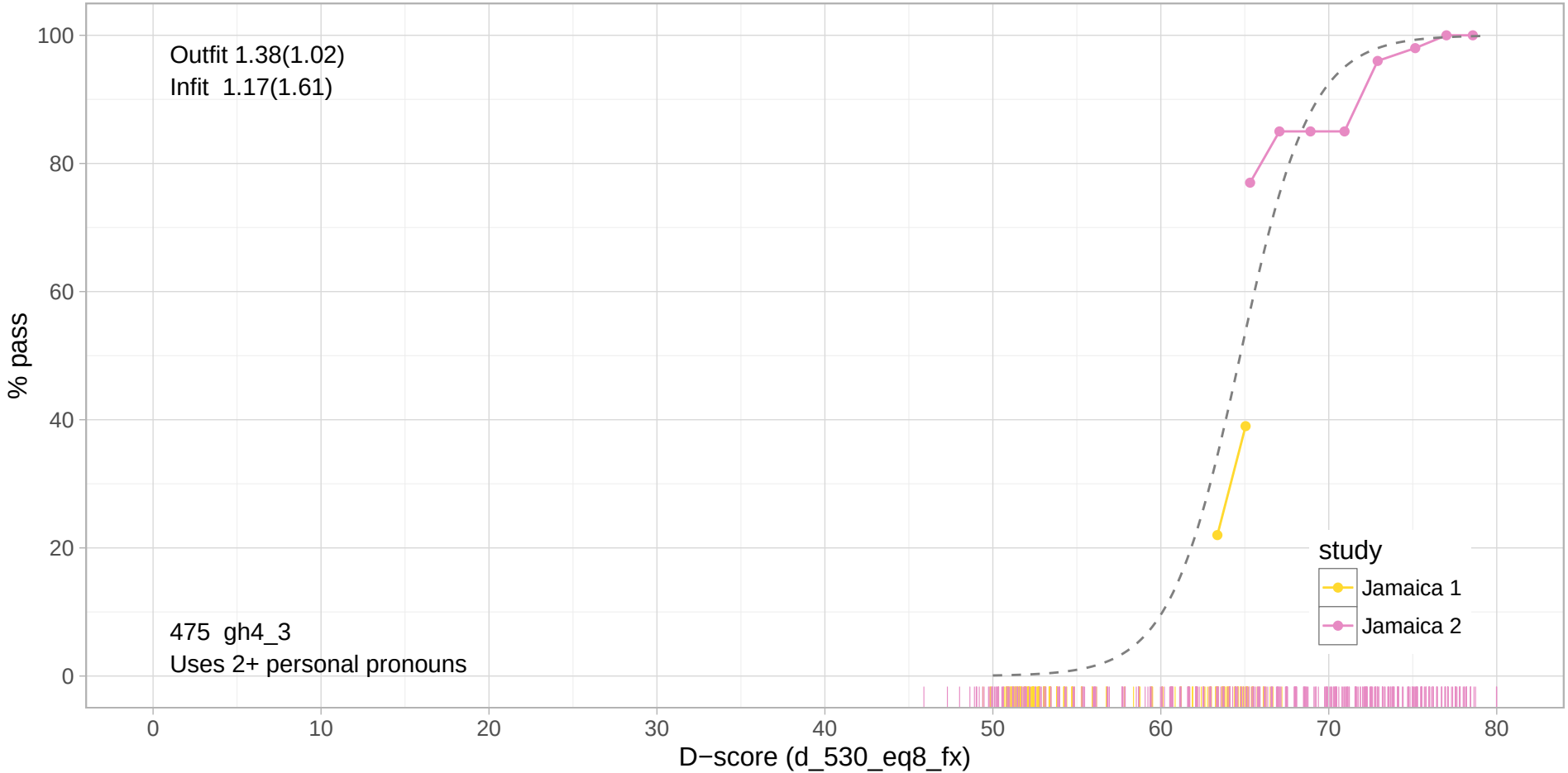

Outfit 0.85(−0.74)
Infit 0.9(−2)
470 gh2_23
(Hearing and Speech) Picture vocabulary (4)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2


Outfit 1.1(0.54)
Infit 1.23(2.36)
471 gh3_5
Uses 2 descriptive words
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

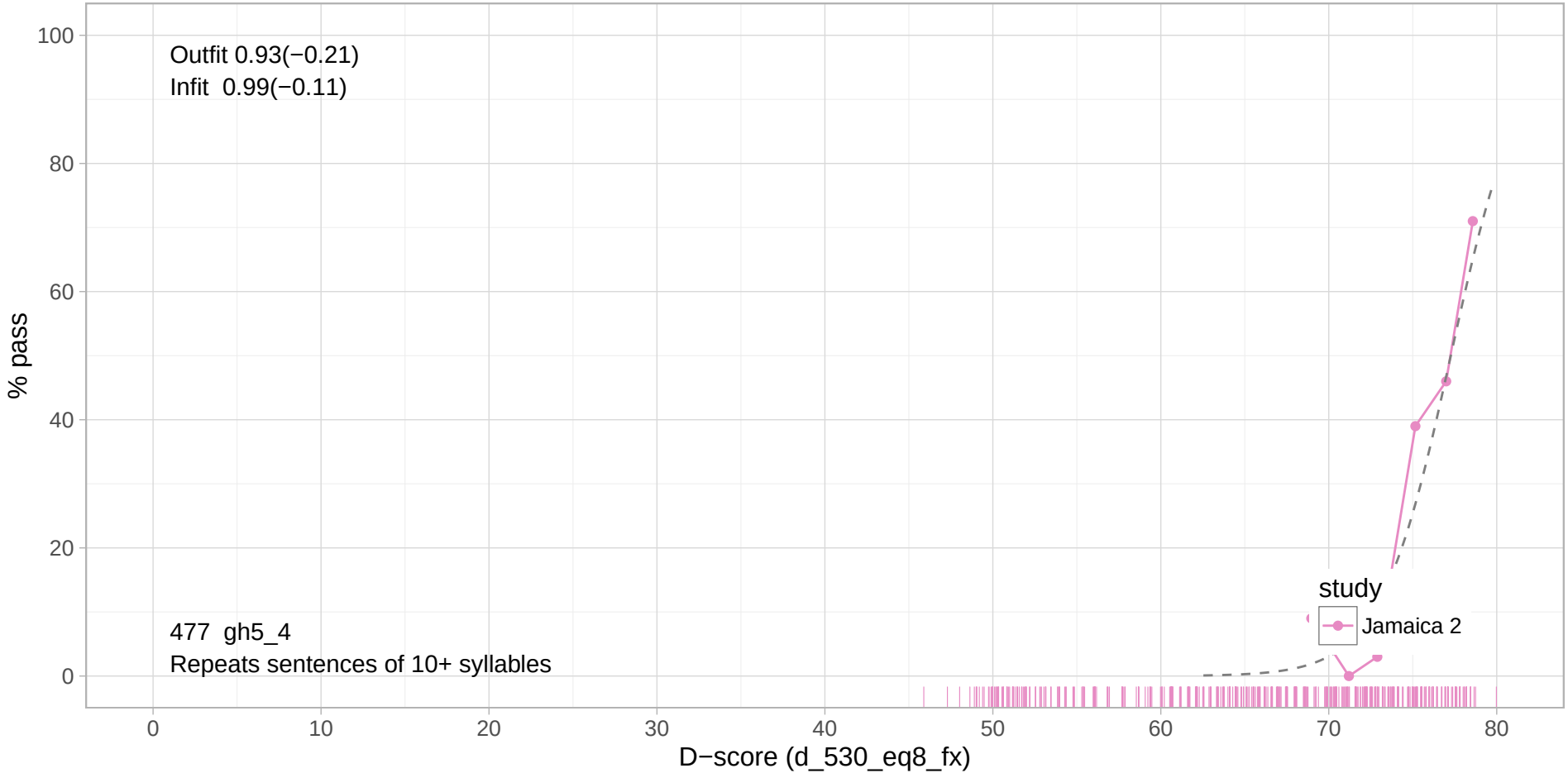

Outfit 1.01(0.12)
Infit 1.21(2.49)
472 gh3_6
Talks well in sentences of 6+ syllables (record).
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

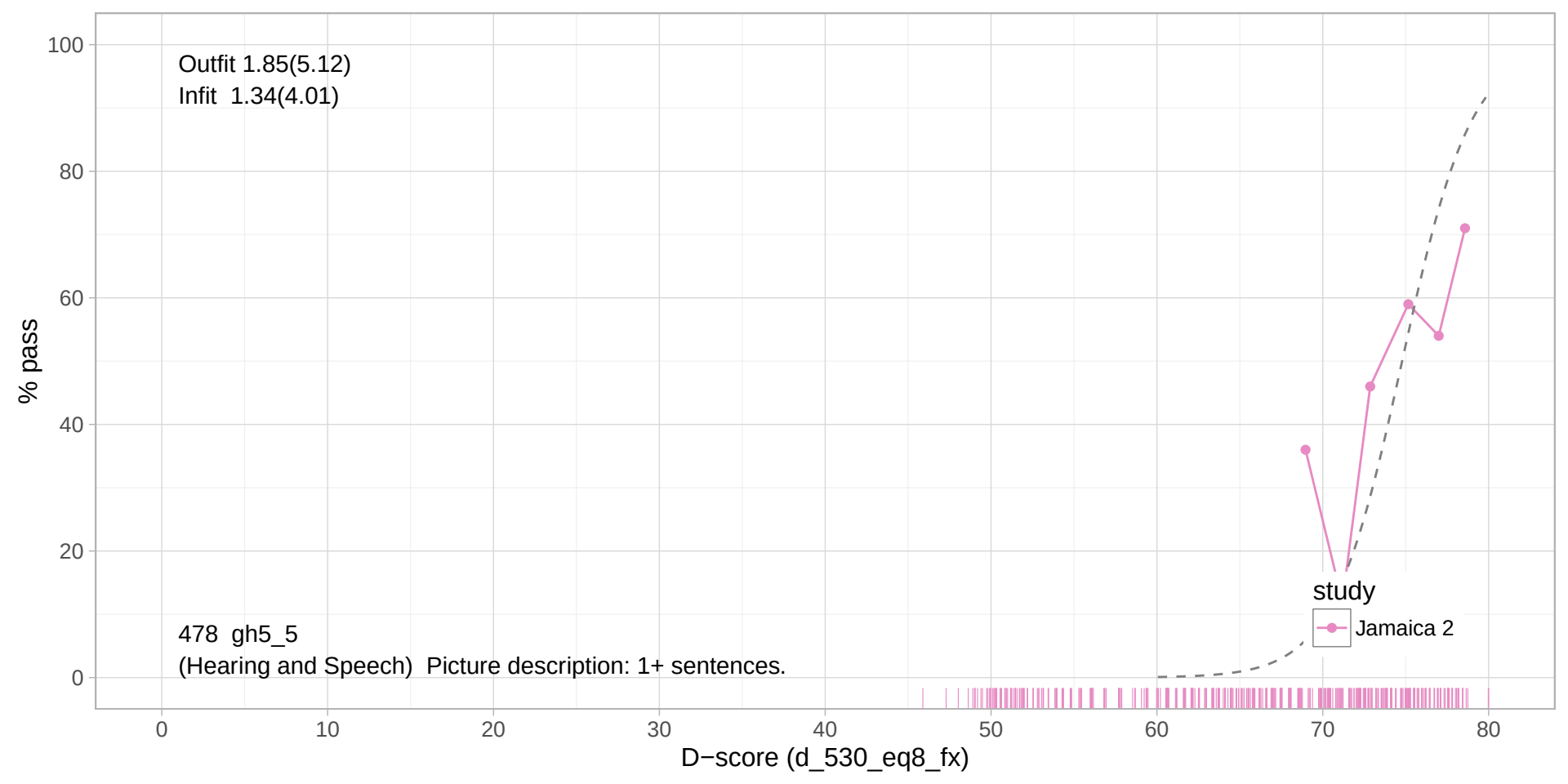

Outfit 0.82(−0.78)
Infit 1.05(0.59)
473 gh4_1
Names six or more objects in large picture
% pass
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

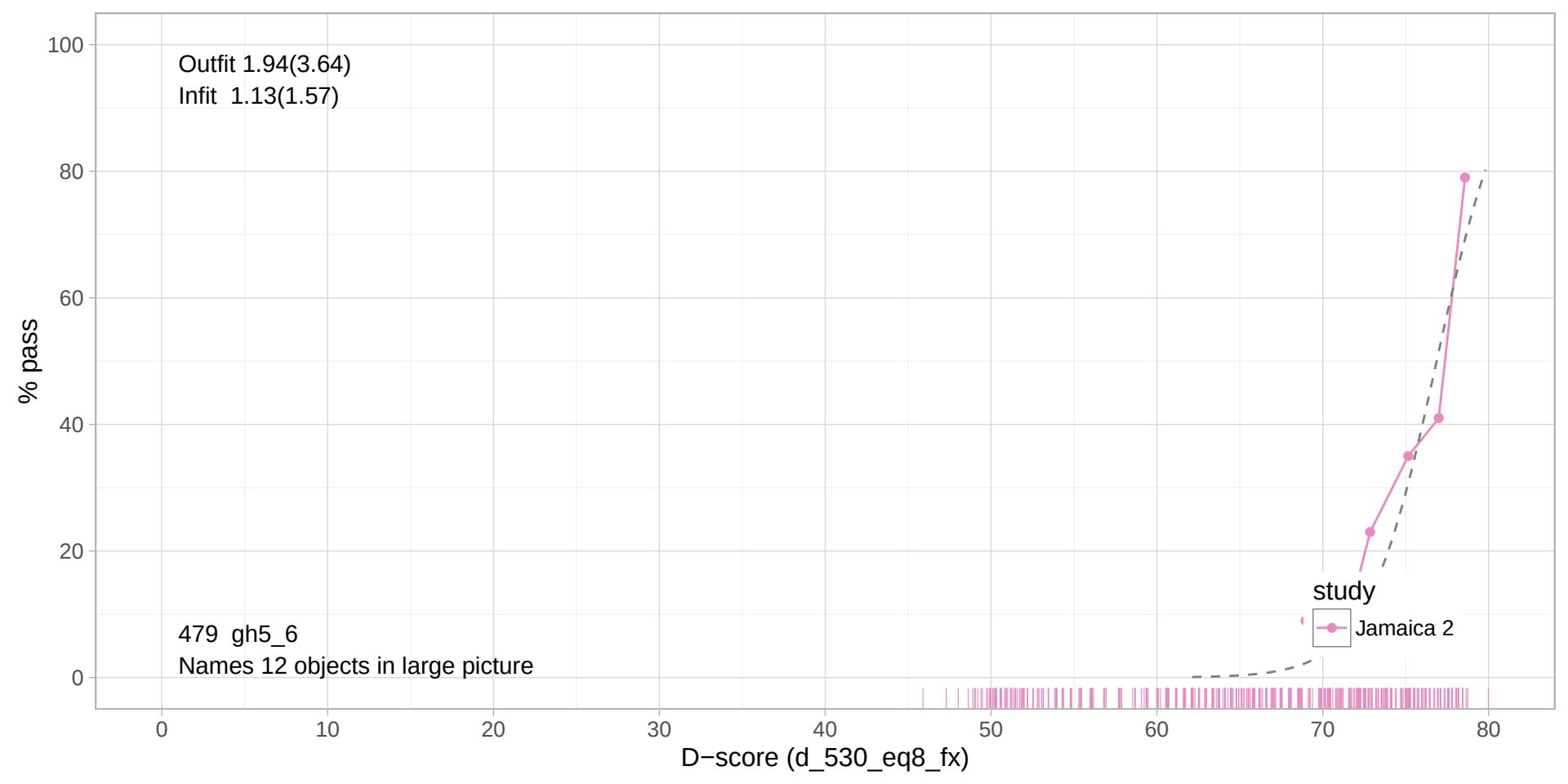

Outfit 1.8(1.95)
Infit 1.22(2.16)
474 gh4_2
Names 17−18 objects in box
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

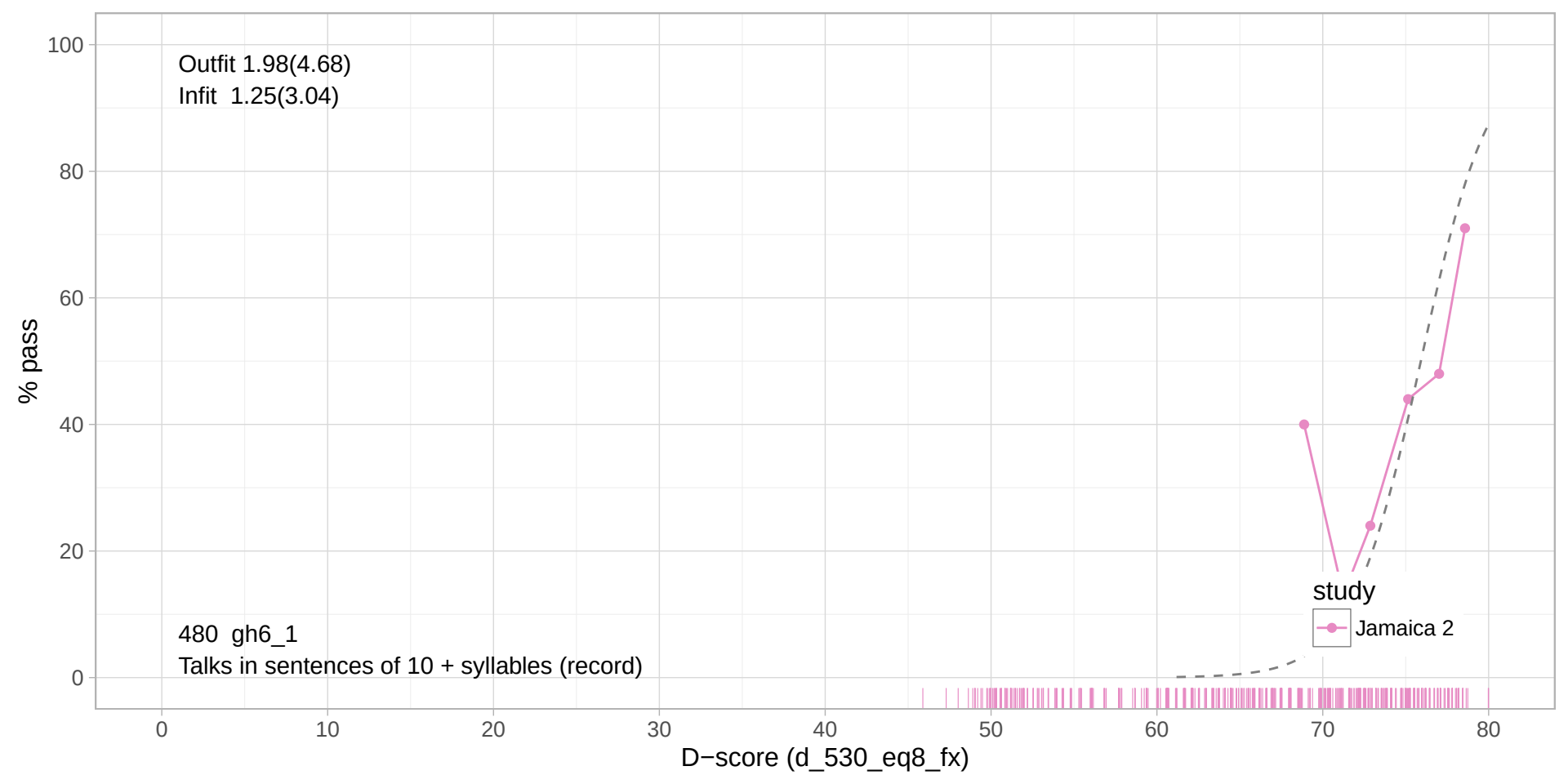

Outfit 1.38(1.02)
Infit 1.17(1.61)
475 gh4_3
Uses 2+ personal pronouns
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

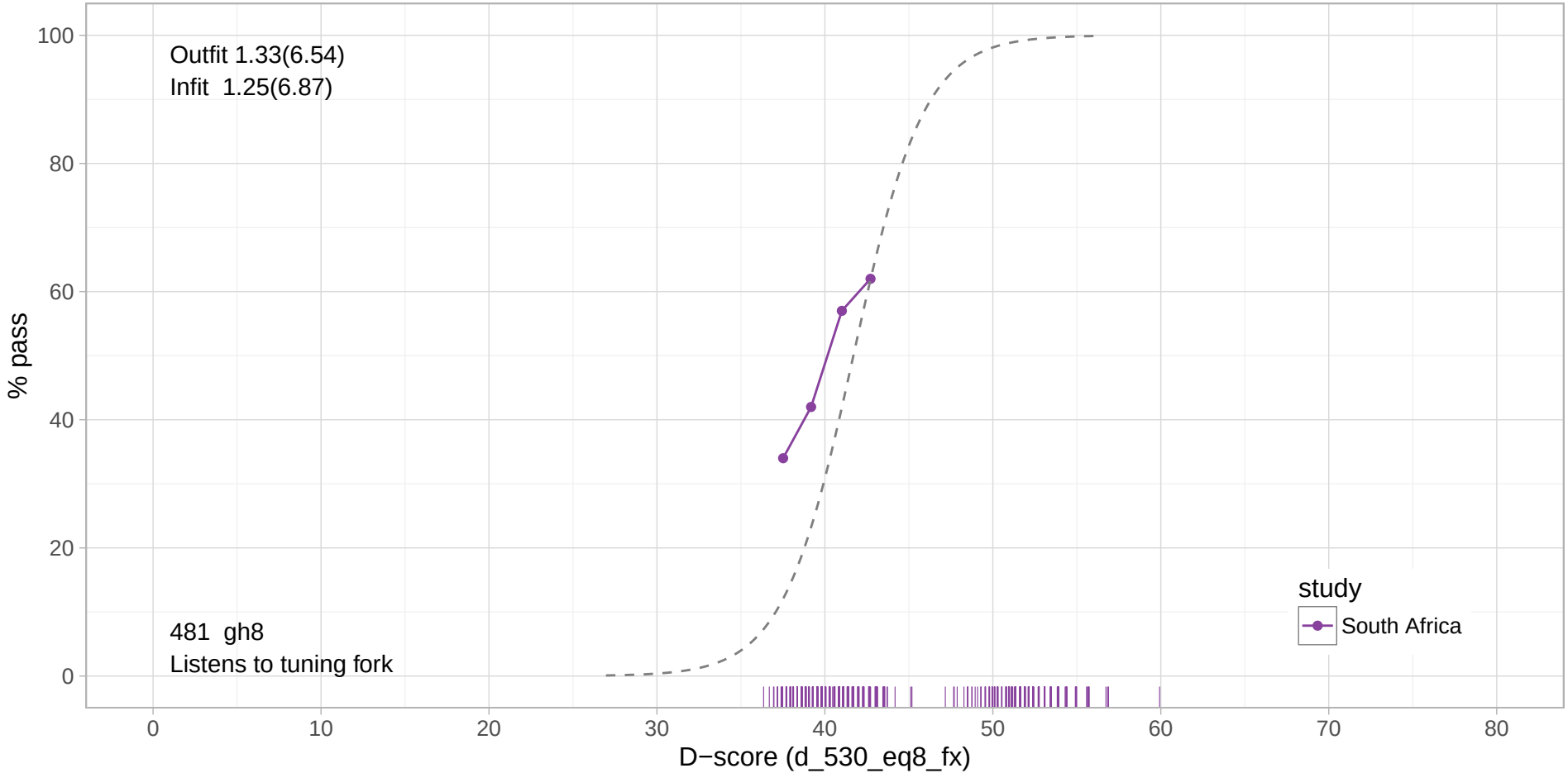
Outfit 1.26(0.78)
Infit 1.06(0.57)
476 gh4_4
(Hearing and Speech) Comprehension 2+ items
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2

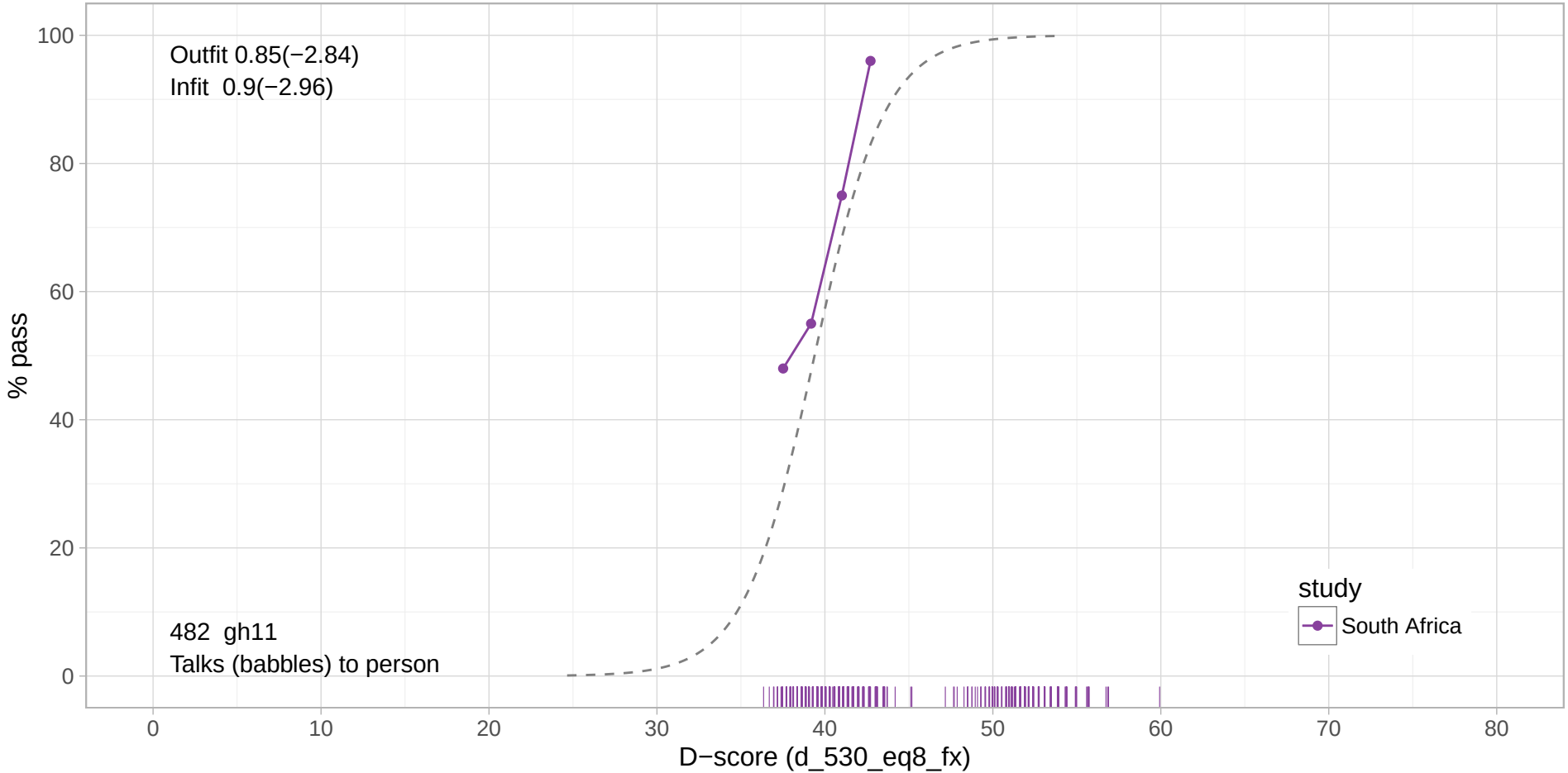

Outfit 0.93(−0.21)
Infit 0.99(−0.11)
477 gh5_4
Repeats sentences of 10+ syllables
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2

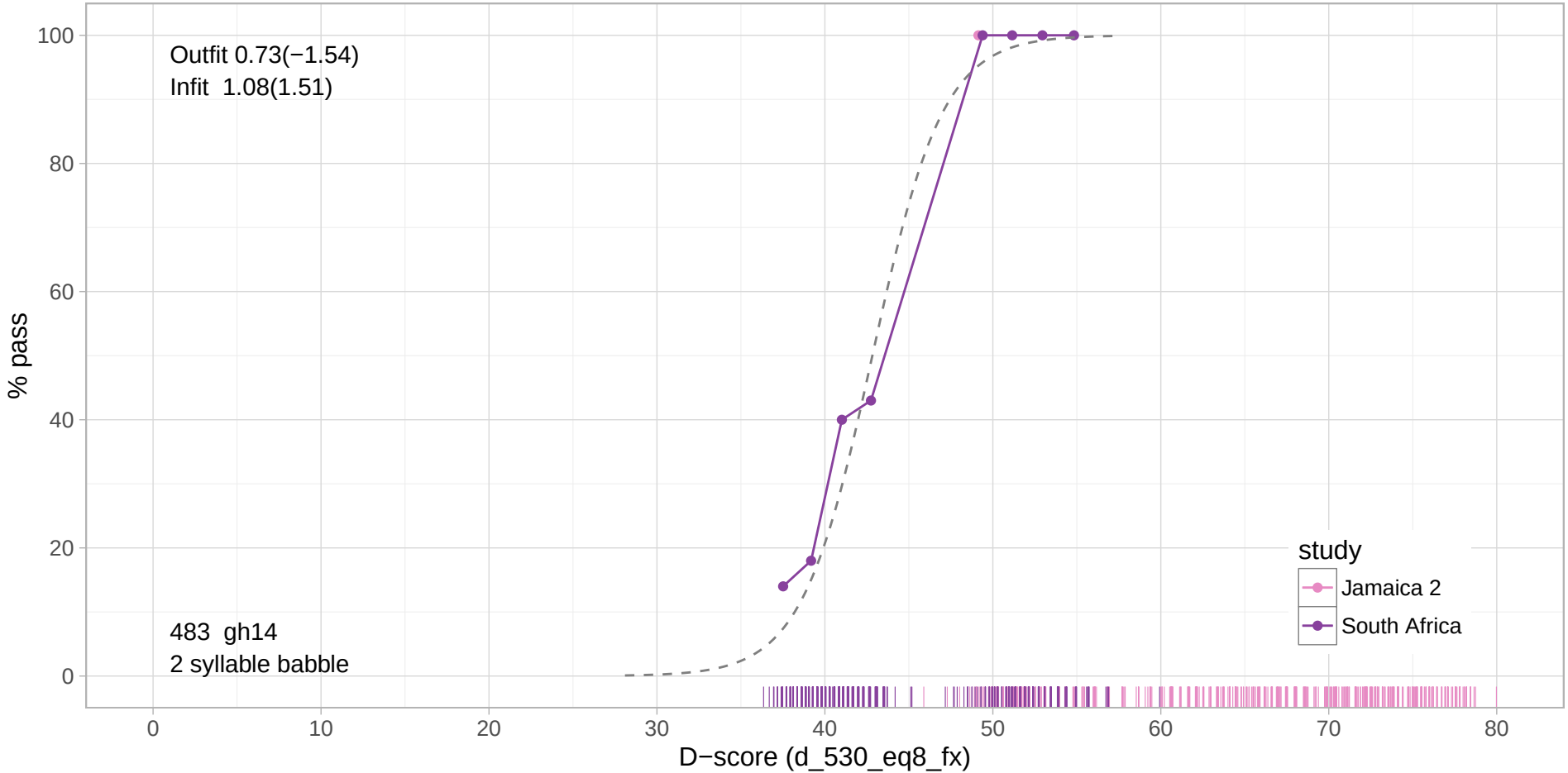

Outfit 1.85(5.12)
Infit 1.34(4.01)
478 gh5_5
(Hearing and Speech) Picture description: 1+ sentences.
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2

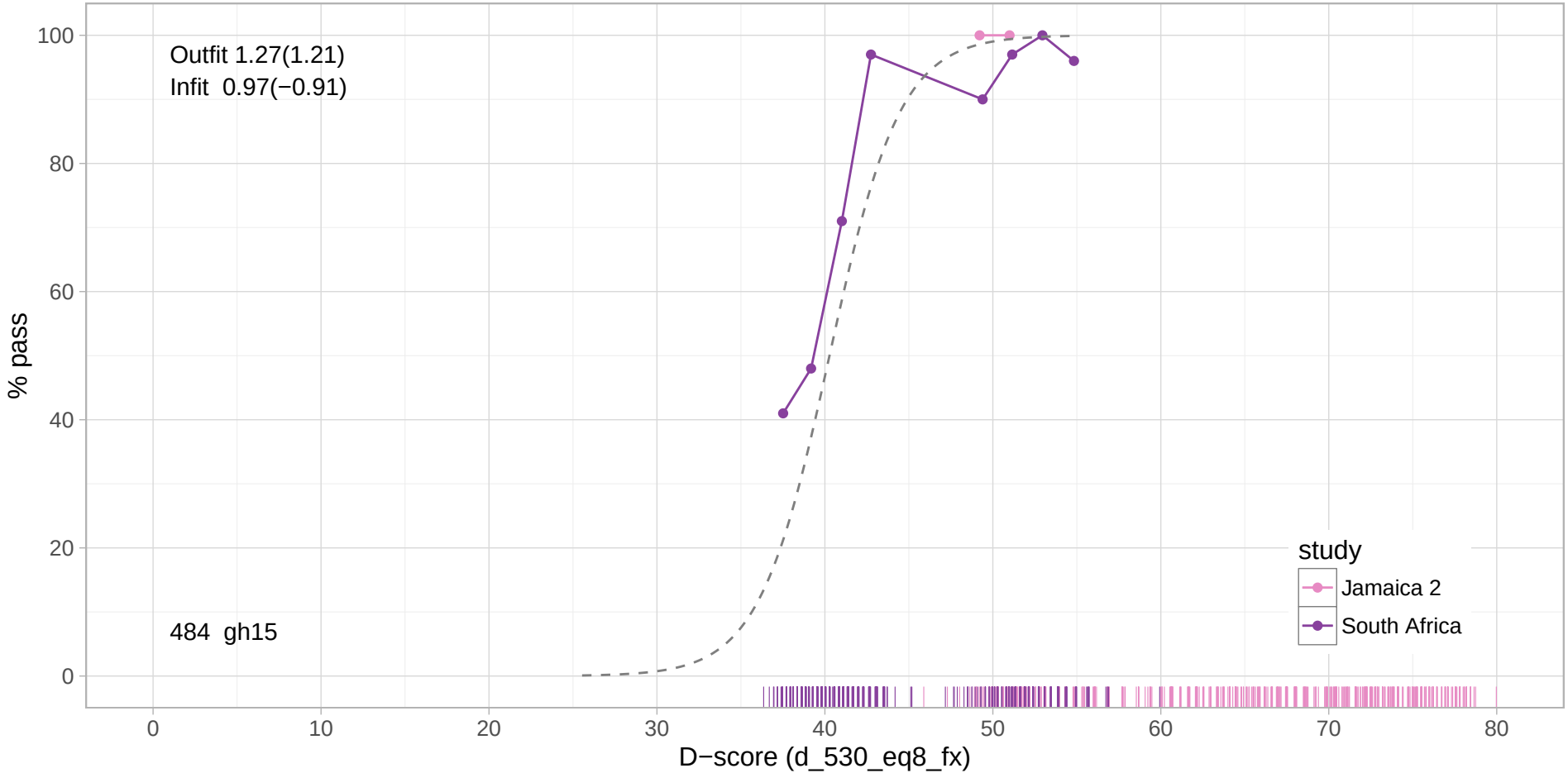

Outfit 1.94(3.64)
Infit 1.13(1.57)
479 gh5_6
Names 12 objects in large picture
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

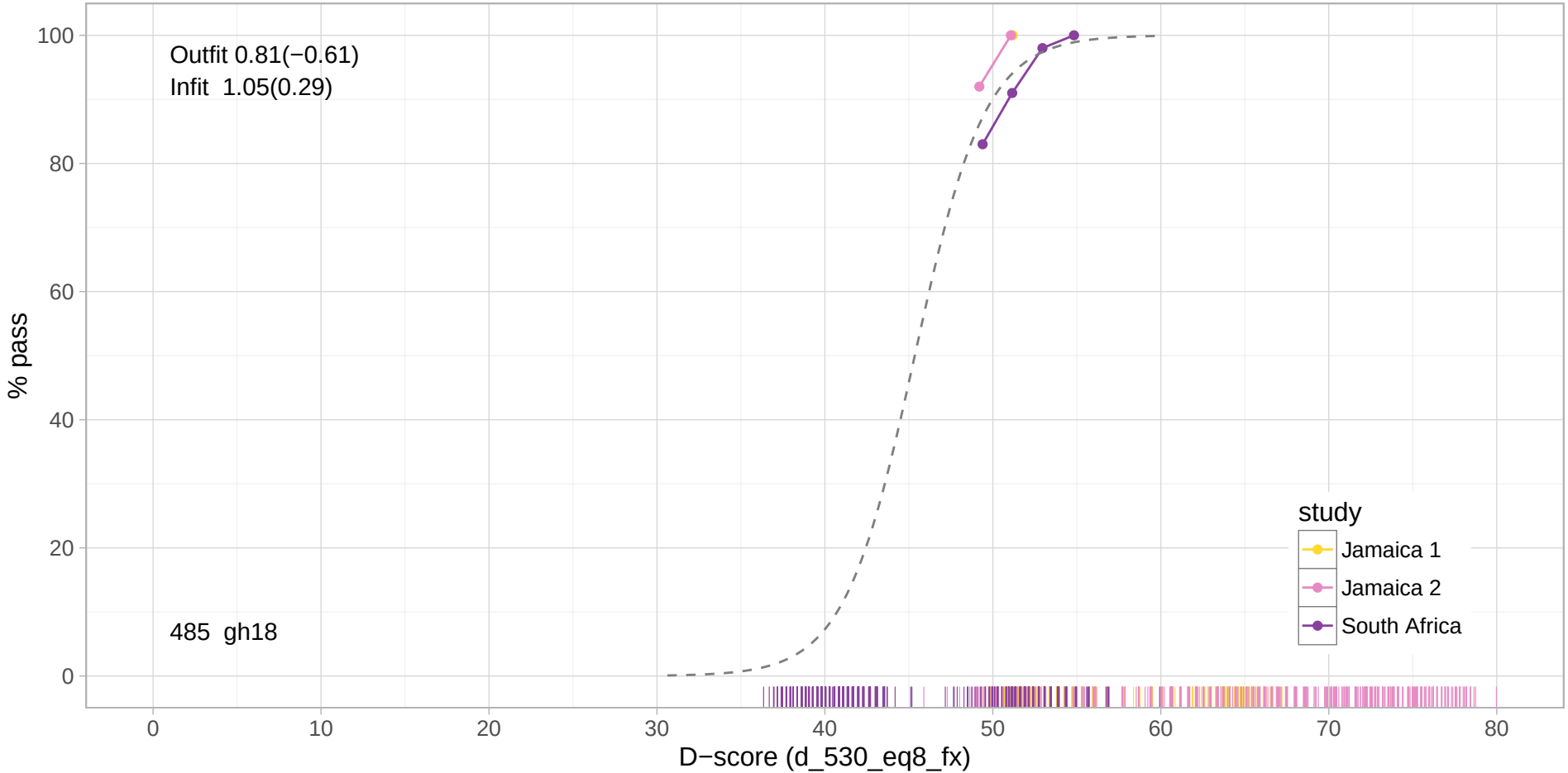

Outfit 1.98(4.68)
Infit 1.25(3.04)
480 gh6_1
Talks in sentences of 10 + syllables (record)
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

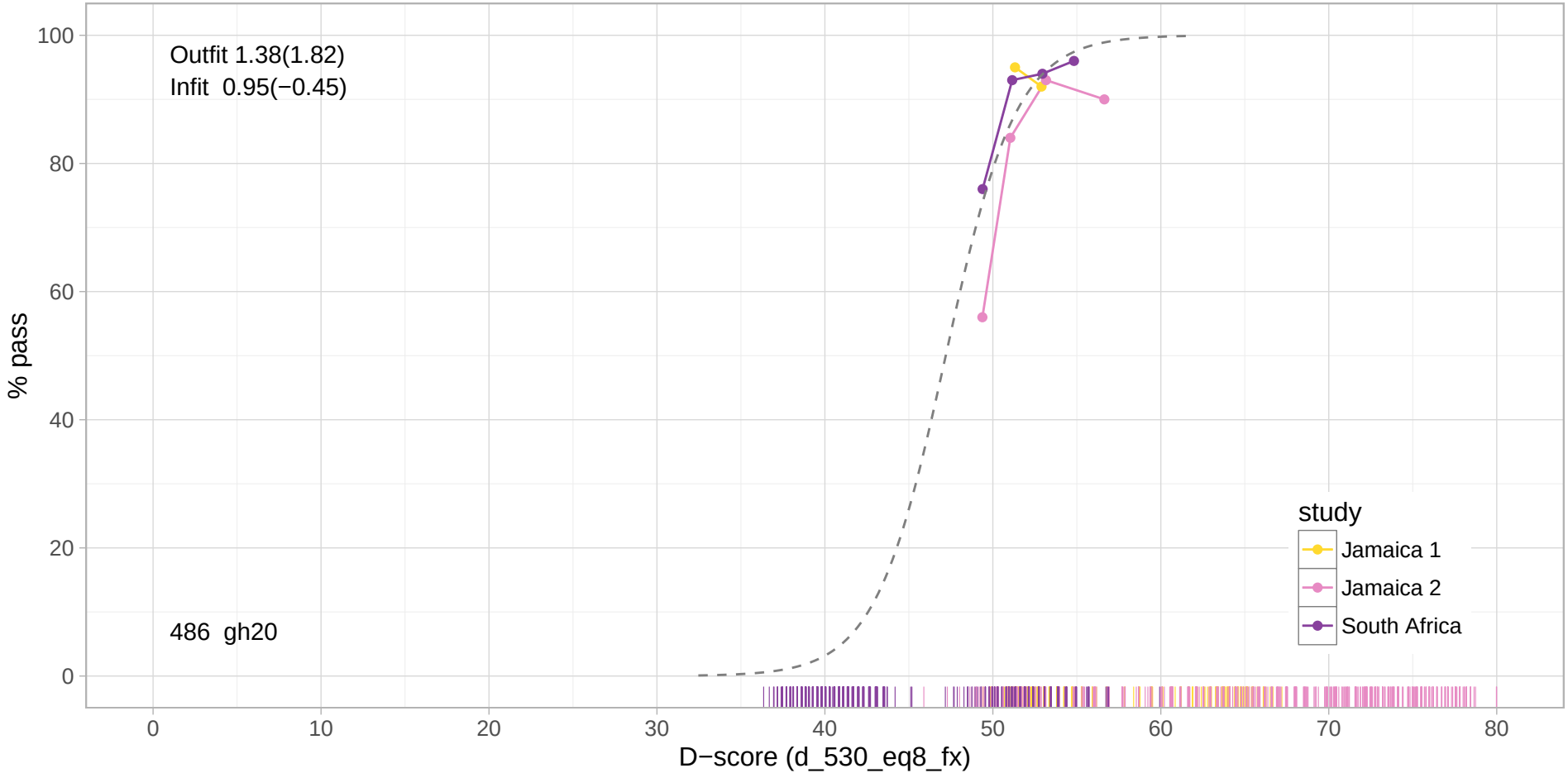

Outfit 1.33(6.54)
Infit 1.25(6.87)
481 gh8
Listens to tuning fork
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
South Africa

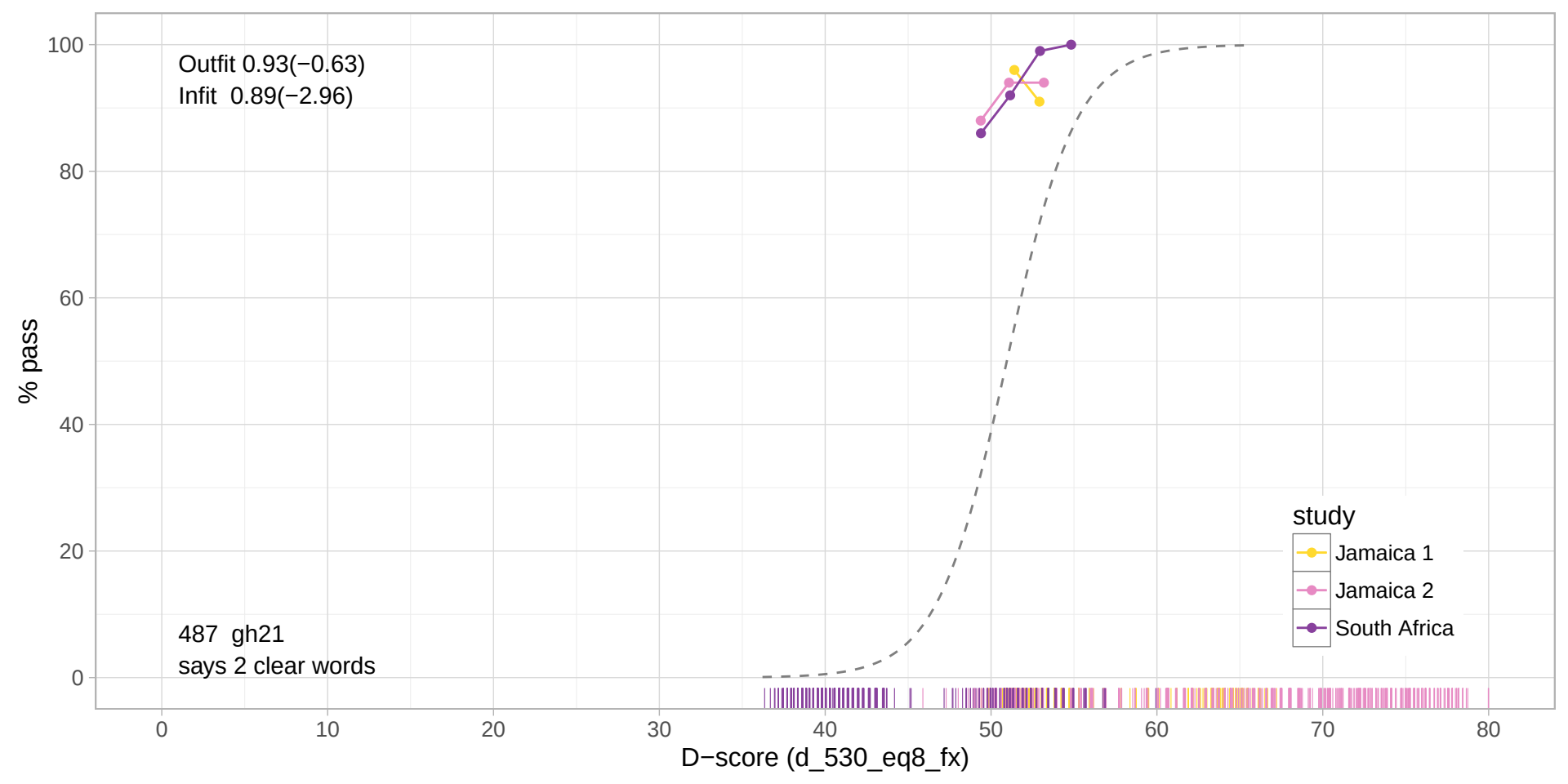

Outfit 0.85(−2.84)
Infit 0.9(−2.96)
482 gh11
Talks (babbles) to person
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
South Africa

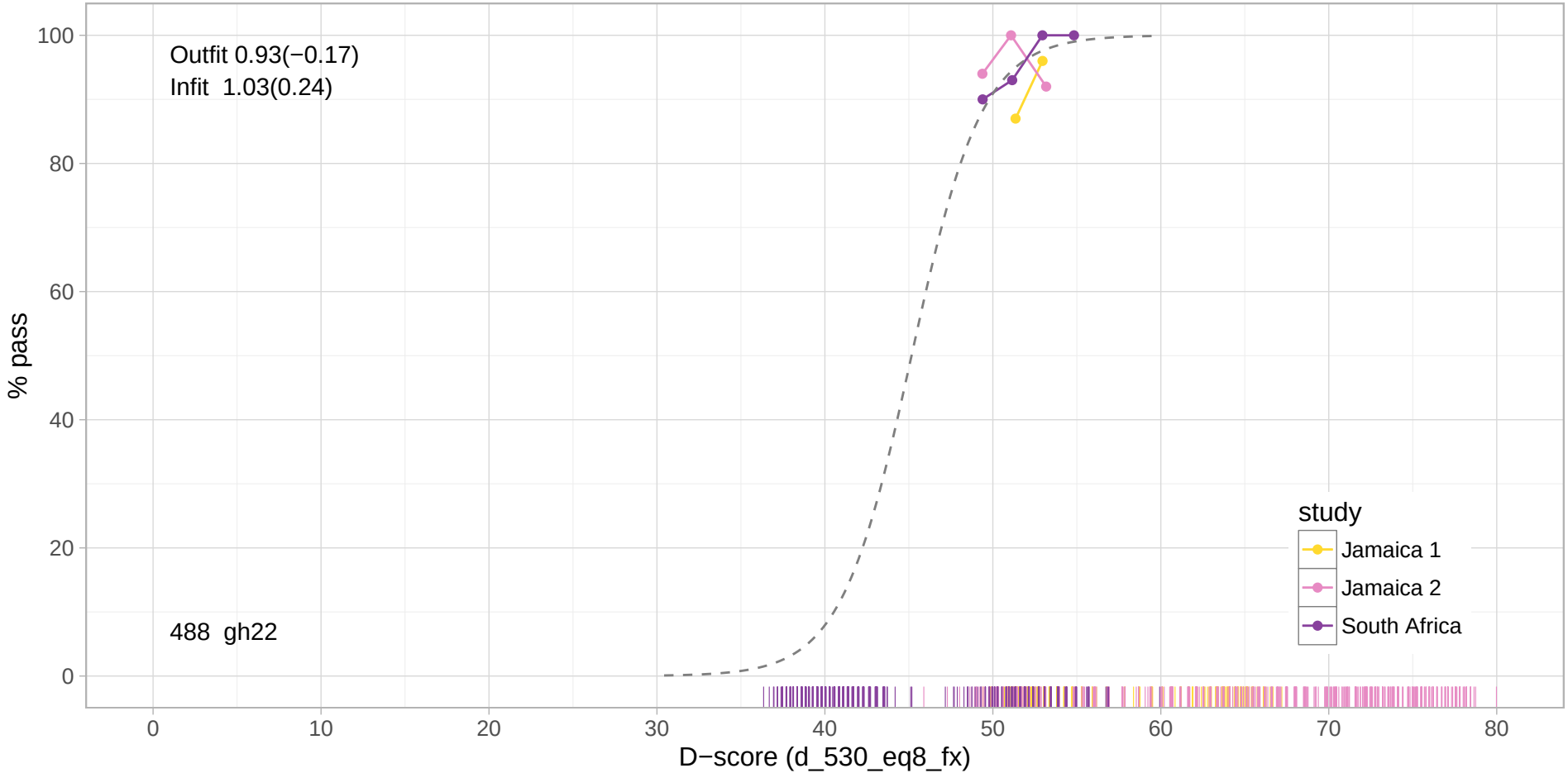

Outfit 0.73(−1.54)
Infit 1.08(1.51)
483 gh14
2 syllable babble
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2
South Africa

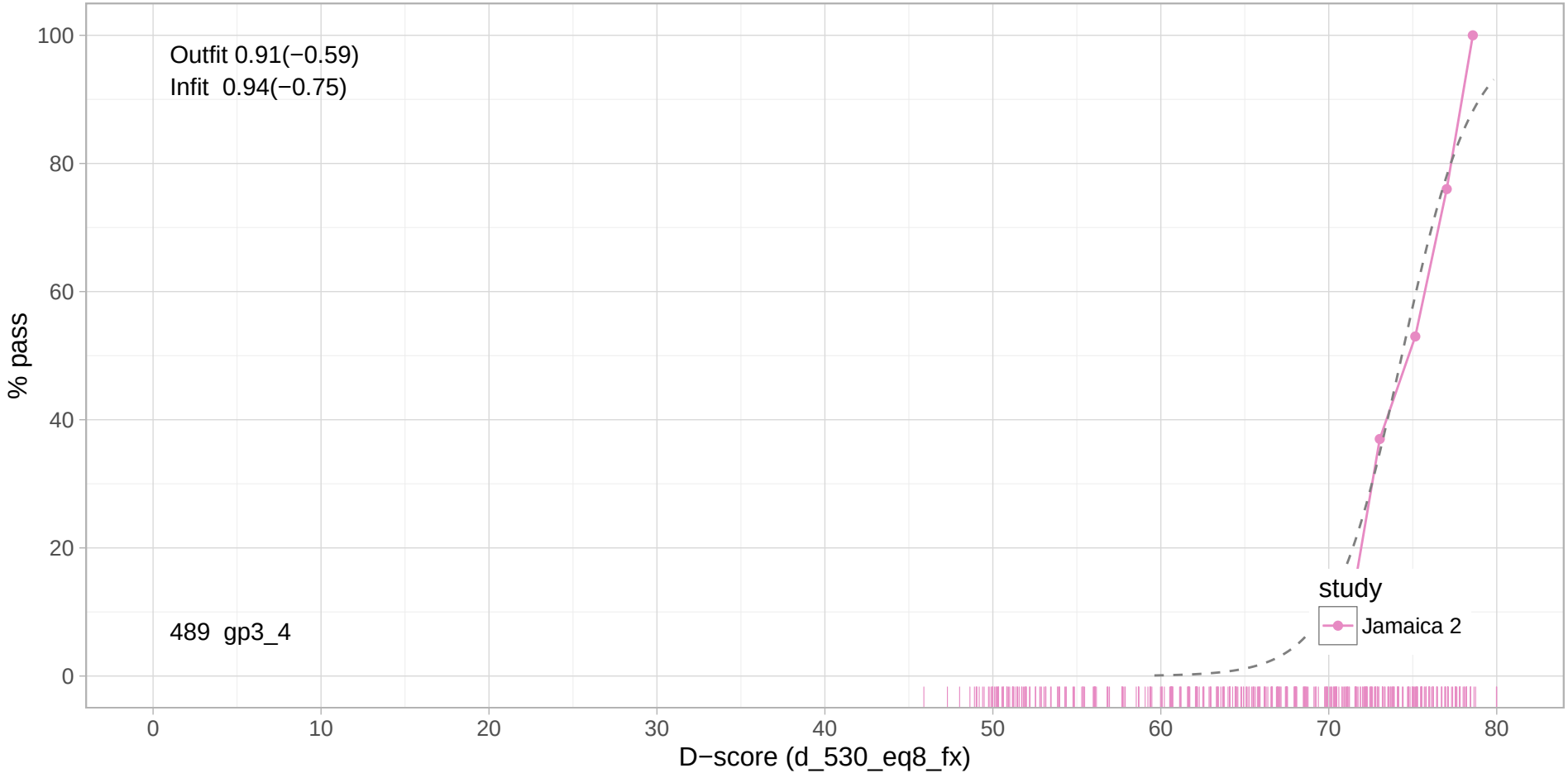

Outfit 1.27(1.21)
Infit 0.97(−0.91)
484 gh15
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2
South Africa

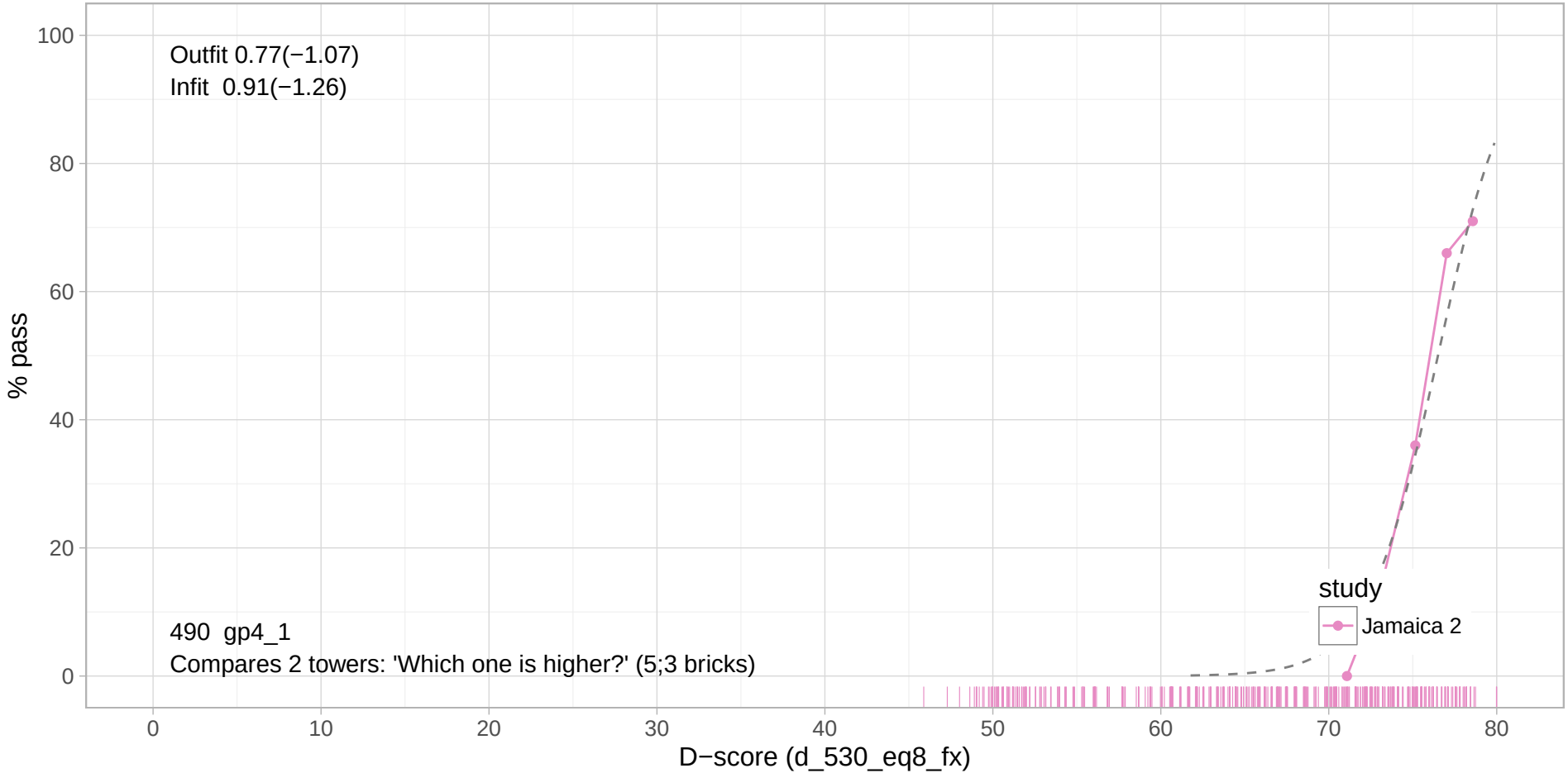

Outfit 0.81(−0.61)
Infit 1.05(0.29)
485 gh18
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

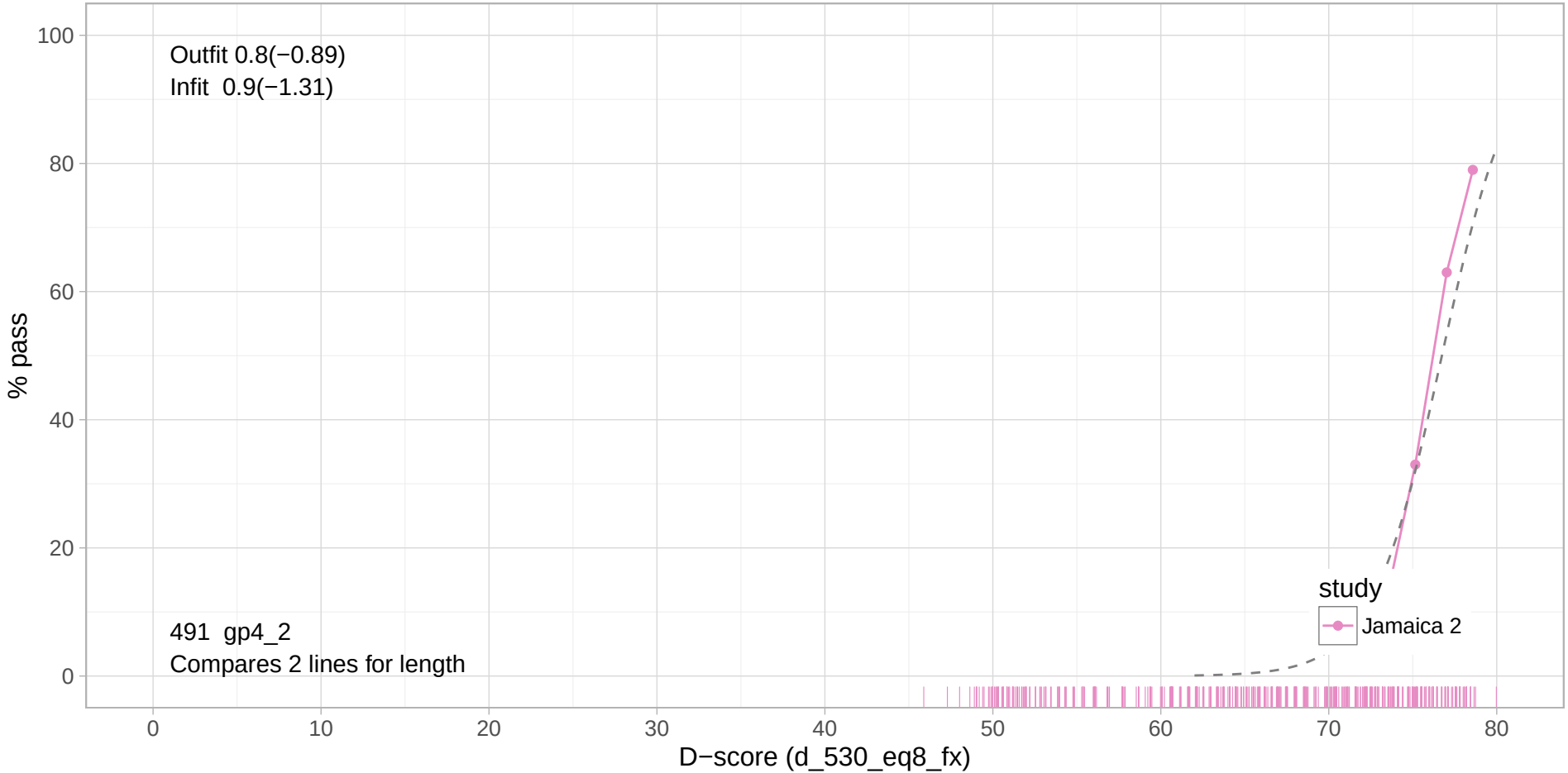

Outfit 1.38(1.82)
Infit 0.95(−0.45)
486 gh20
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

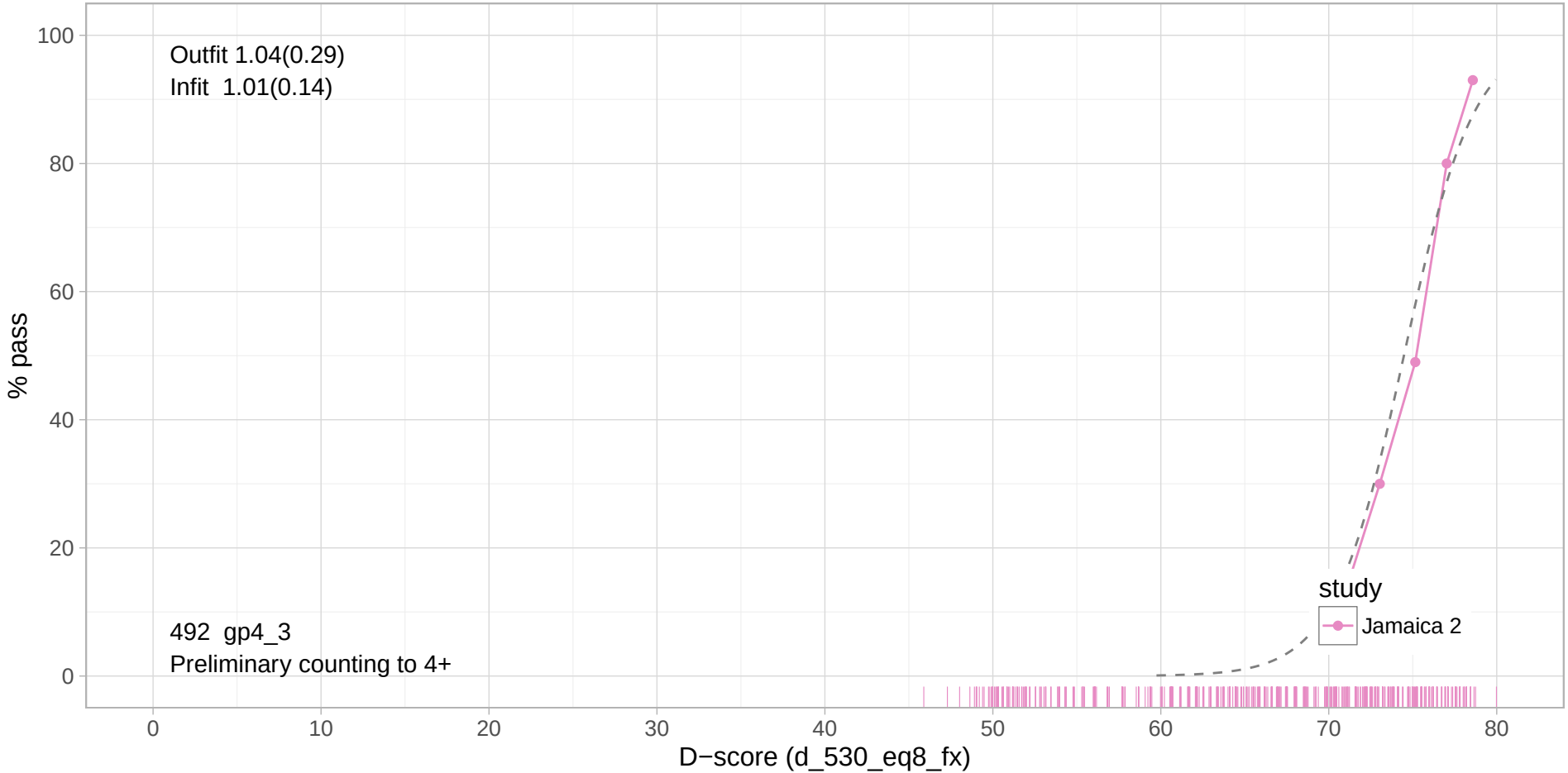

Outfit 0.93(−0.63)
Infit 0.89(−2.96)
487 gh21
says 2 clear words
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

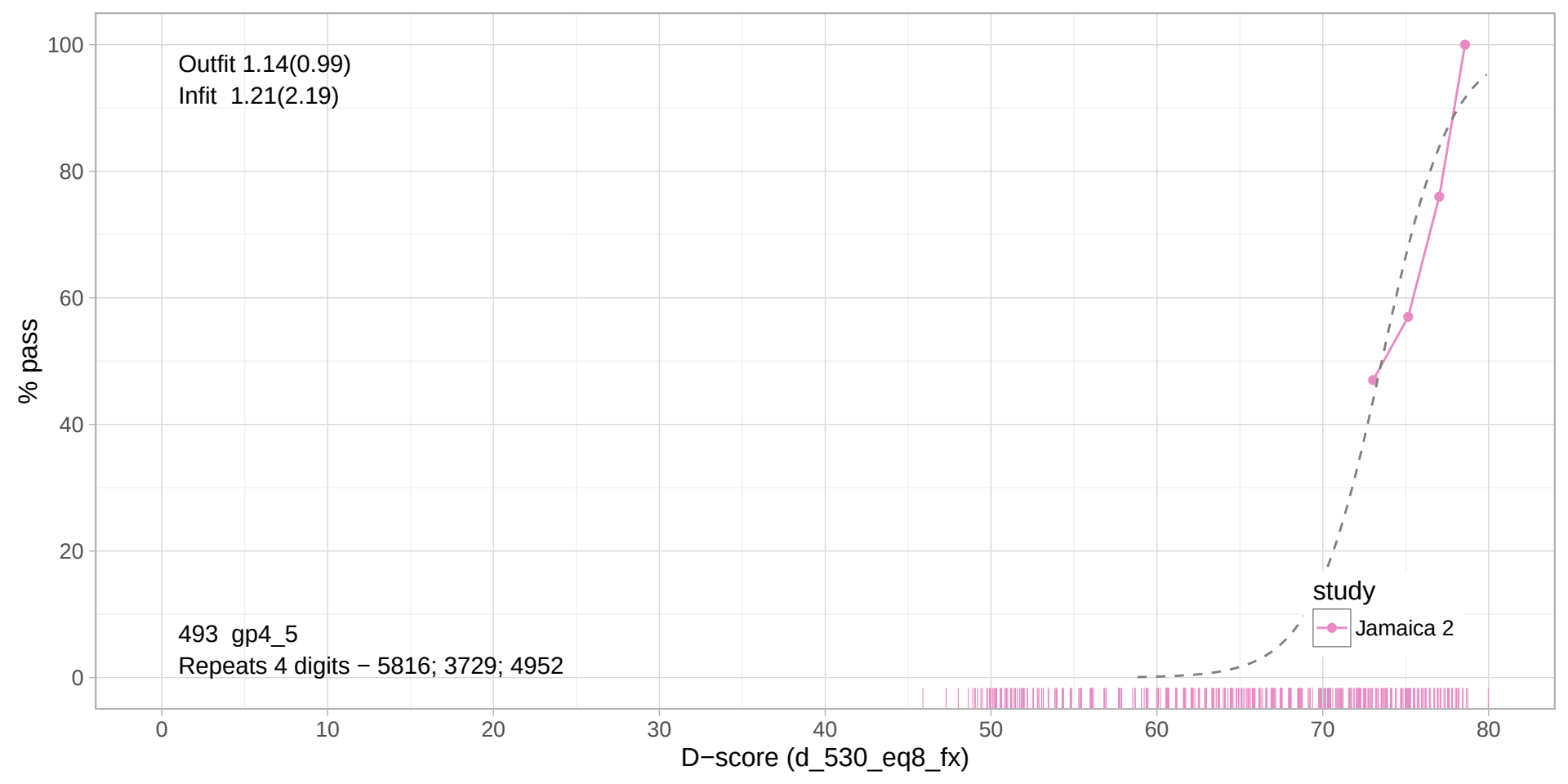

Outfit 0.93(−0.17)
Infit 1.03(0.24)
488 gh22
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 1
Jamaica 2
South Africa

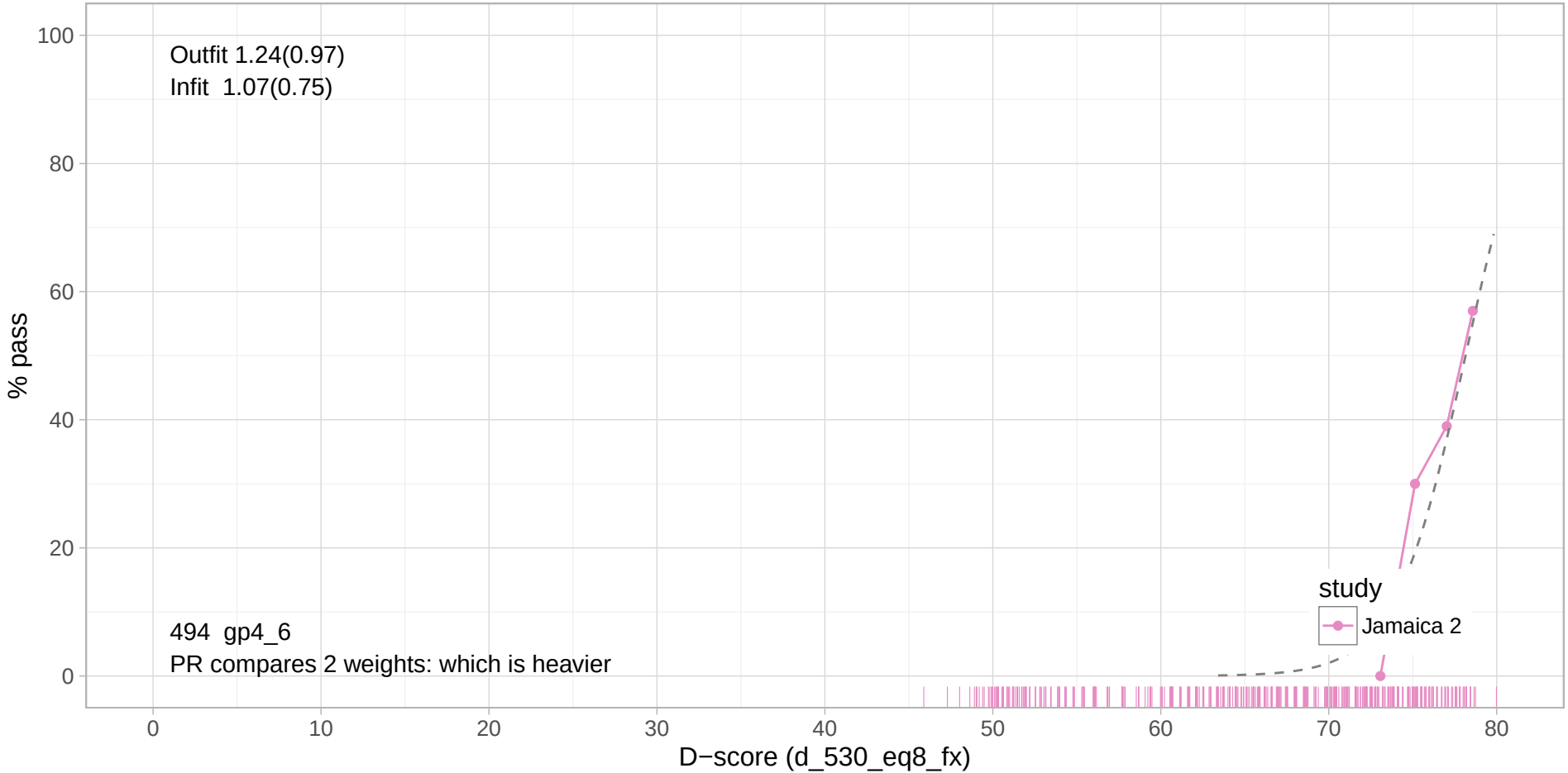

Outfit 0.91(−0.59)
Infit 0.94(−0.75)
489 gp3_4
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Jamaica 2

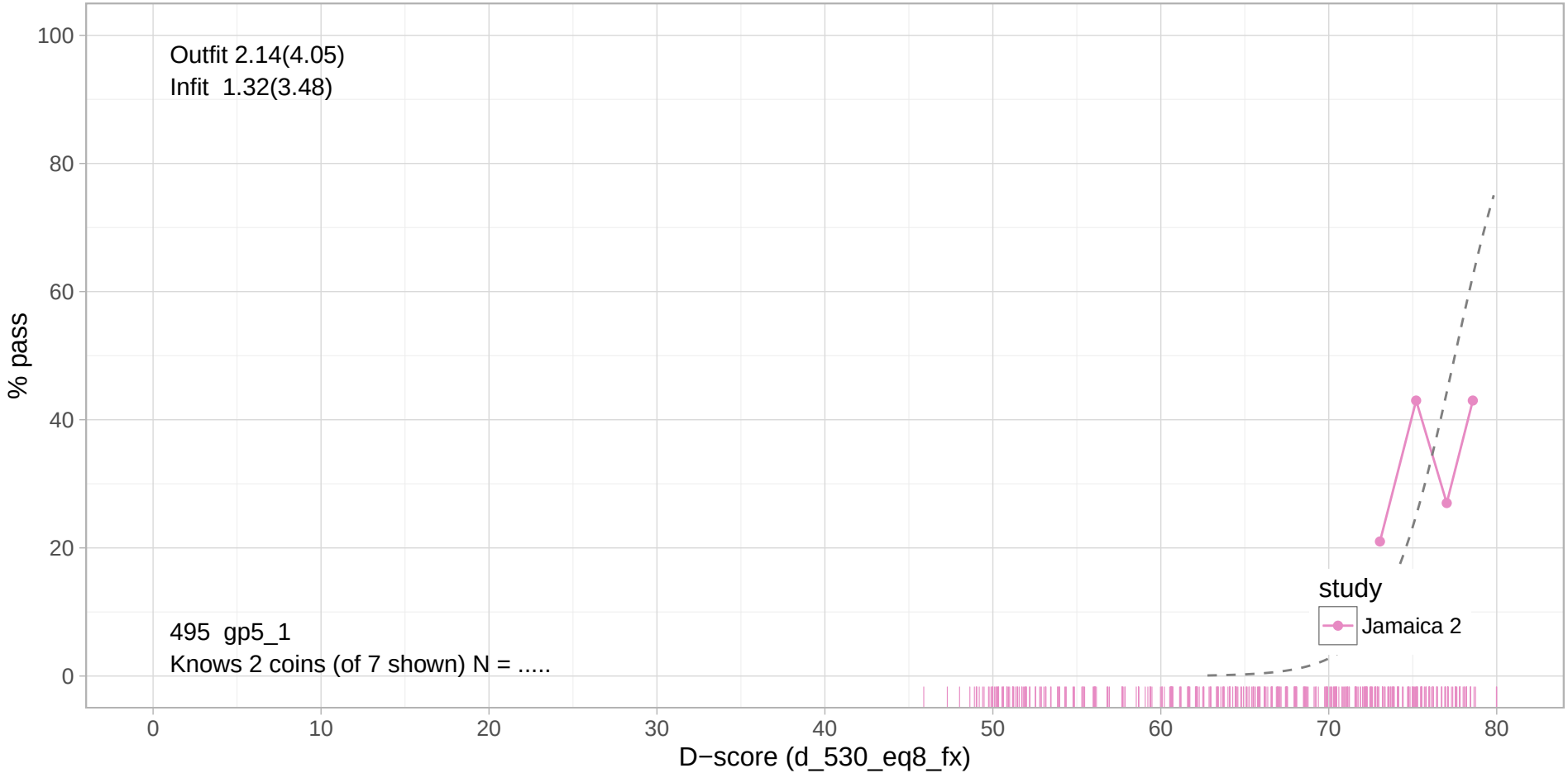

Outfit 0.77(−1.07)
Infit 0.91(−1.26)
490 gp4_1
Compares 2 towers: 'Which one is higher?' (5;3 bricks)
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

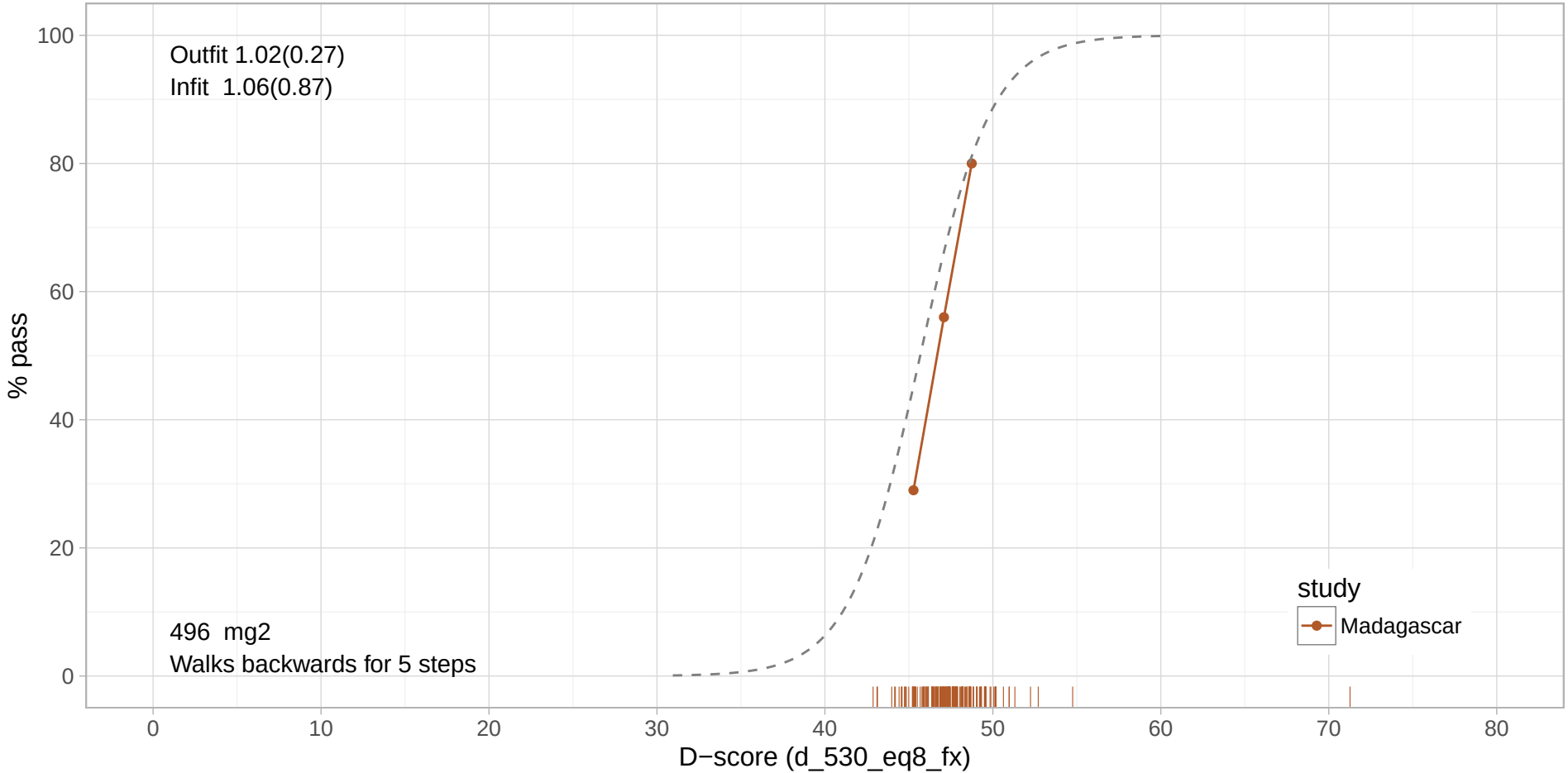

Outfit 0.8(−0.89)
Infit 0.9(−1.31)
491 gp4_2
Compares 2 lines for length
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

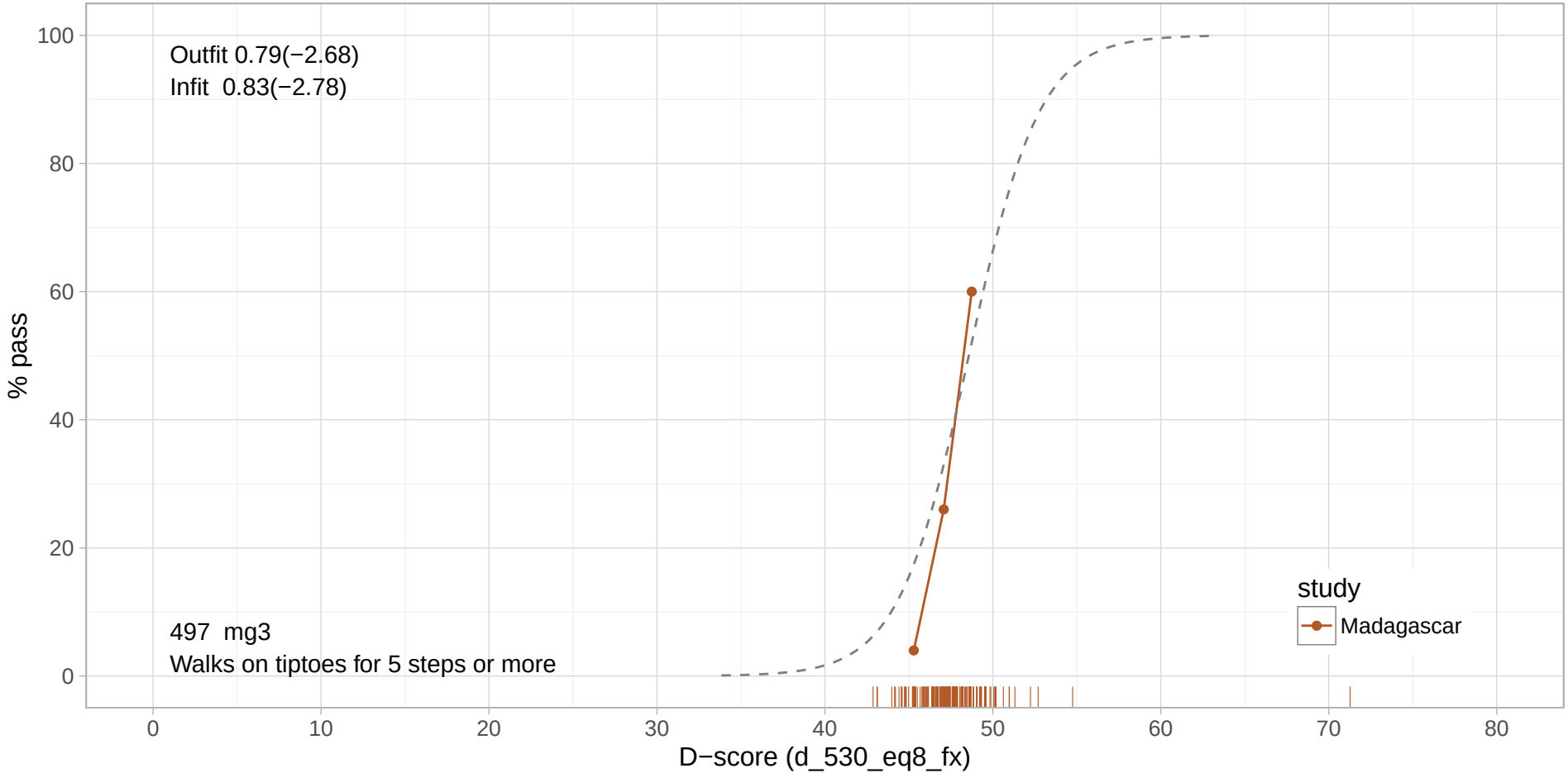

Outfit 1.04(0.29)
Infit 1.01(0.14)
492 gp4_3
Preliminary counting to 4+
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

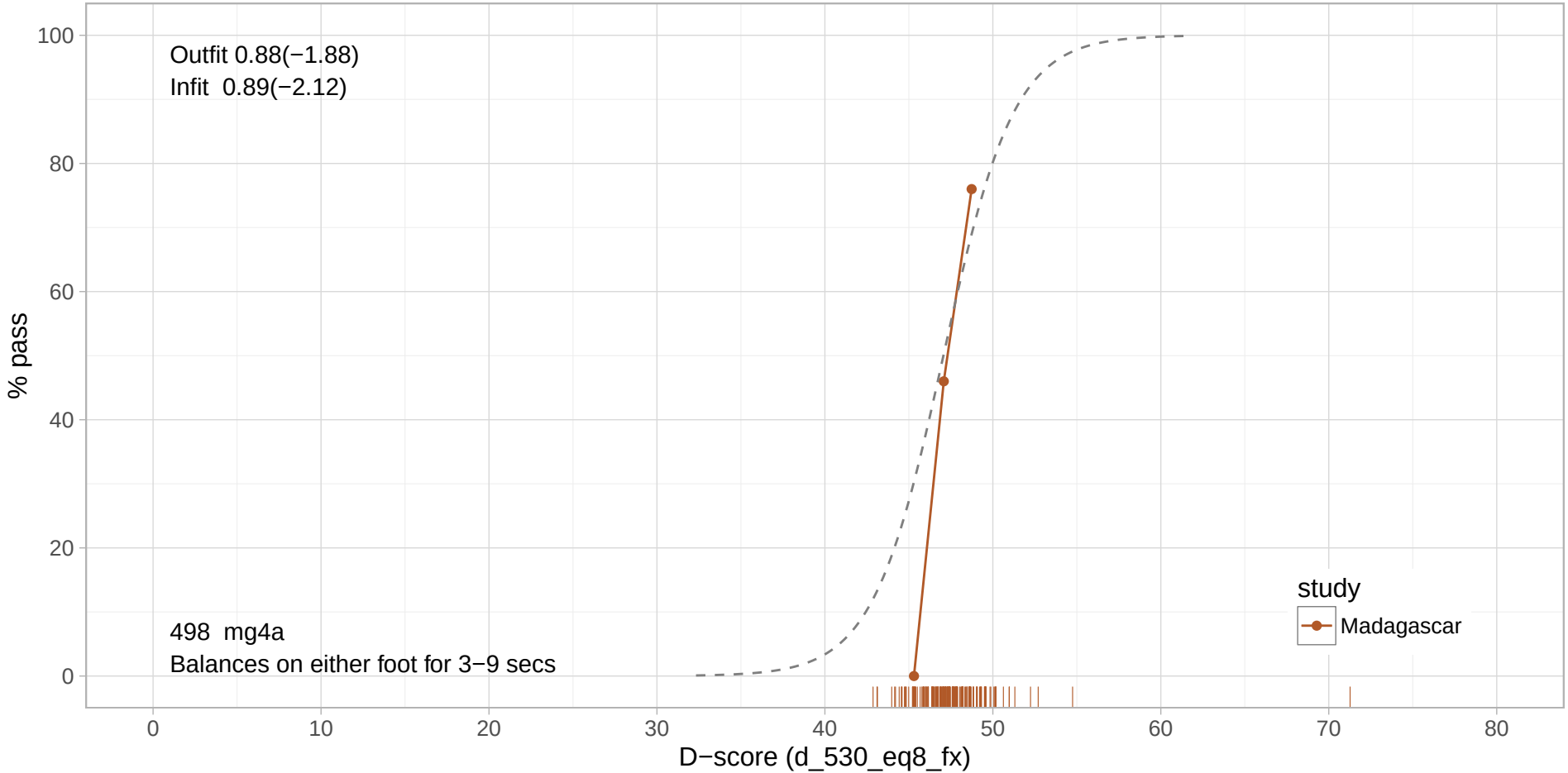

Outfit 1.14(0.99)
Infit 1.21(2.19)
493 gp4_5
Repeats 4 digits − 5816; 3729; 4952
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

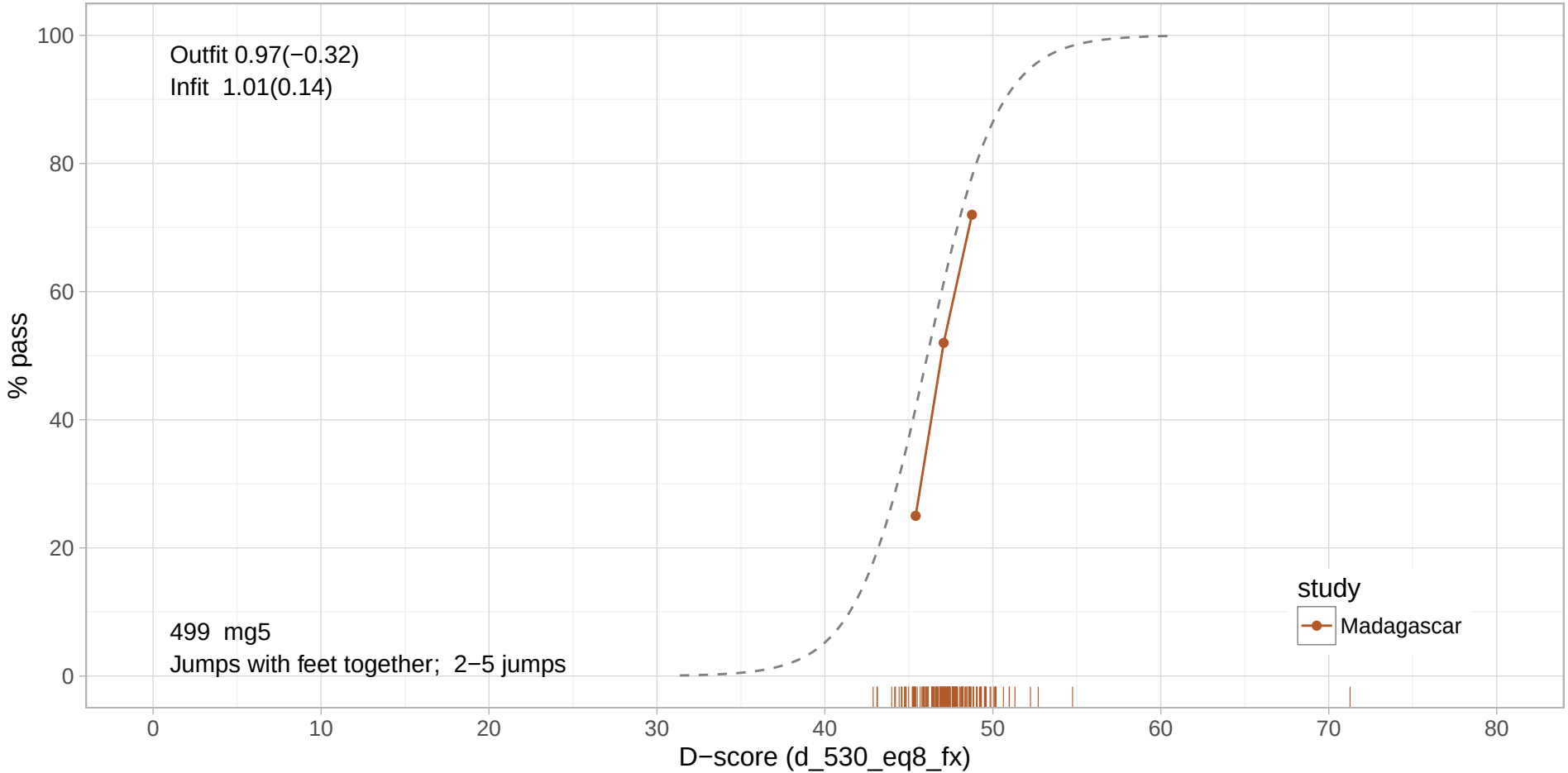

Outfit 1.24(0.97)
Infit 1.07(0.75)
494 gp4_6
PR compares 2 weights: which is heavier
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

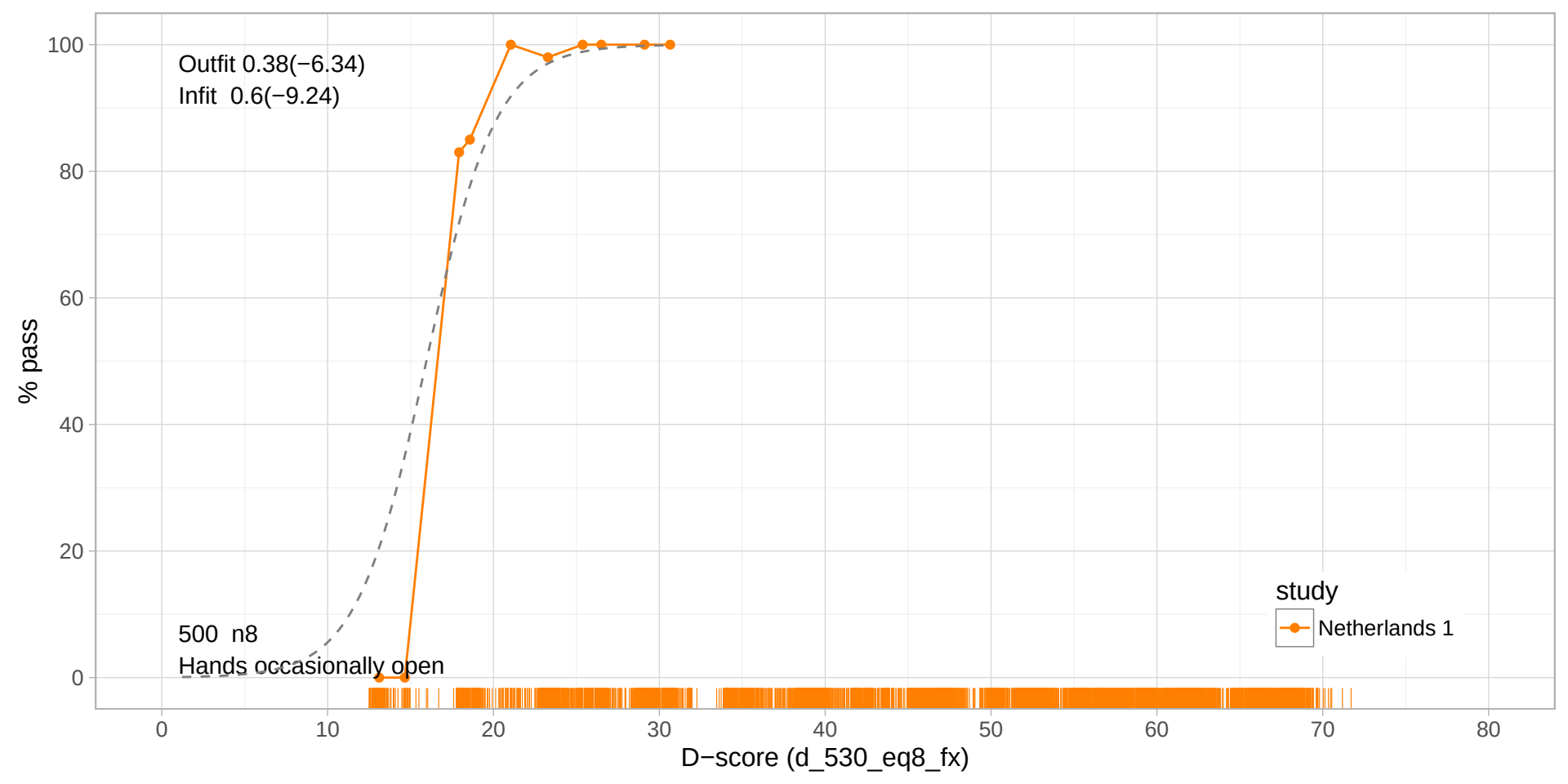

Outfit 2.14(4.05)
Infit 1.32(3.48)
495 gp5_1
Knows 2 coins (of 7 shown) N = ...
study
Jamaica 2
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

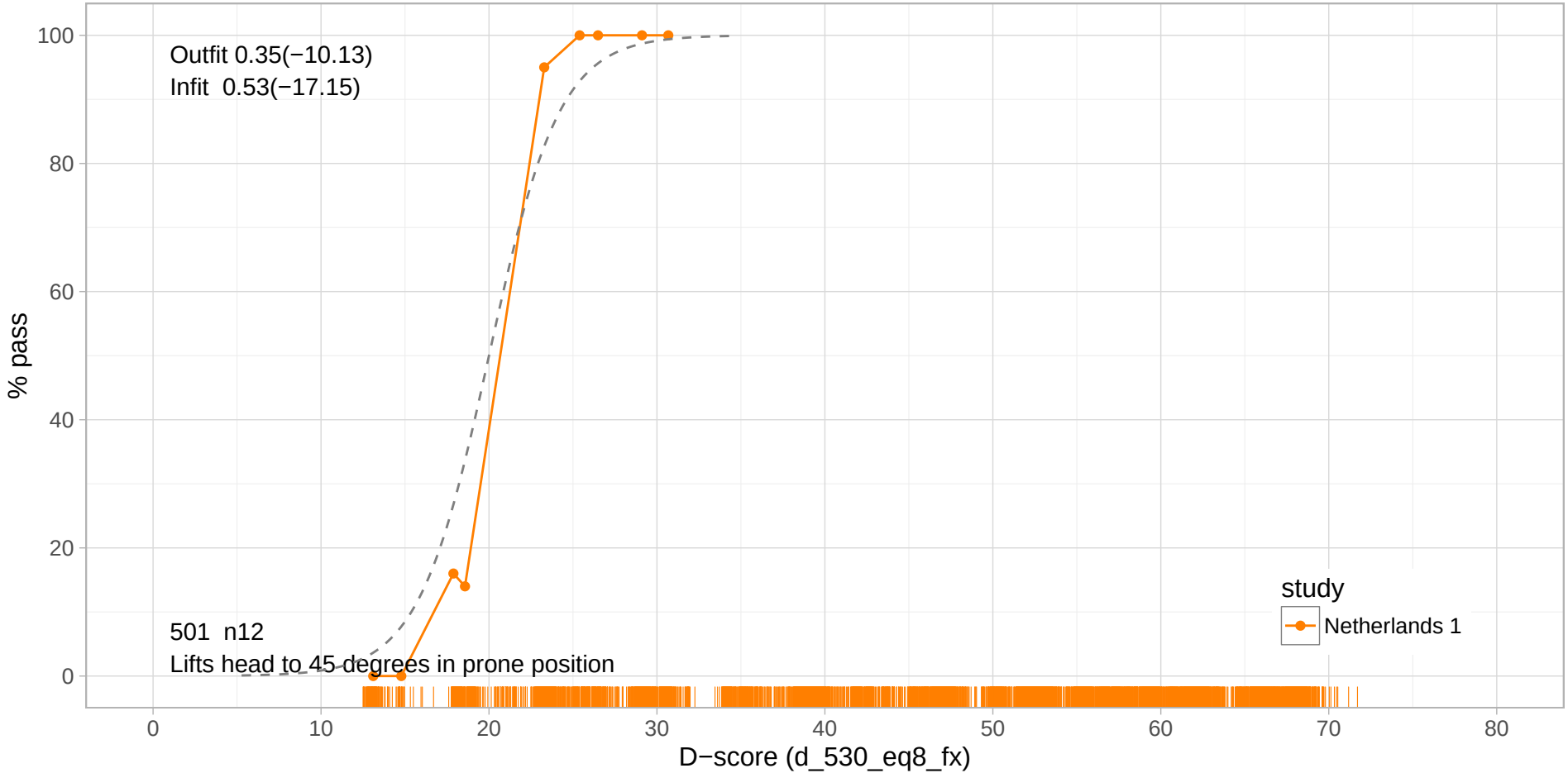

Outfit 1.02(0.27)
Infit 1.06(0.87)
496 mg2
Walks backwards for 5 steps
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar

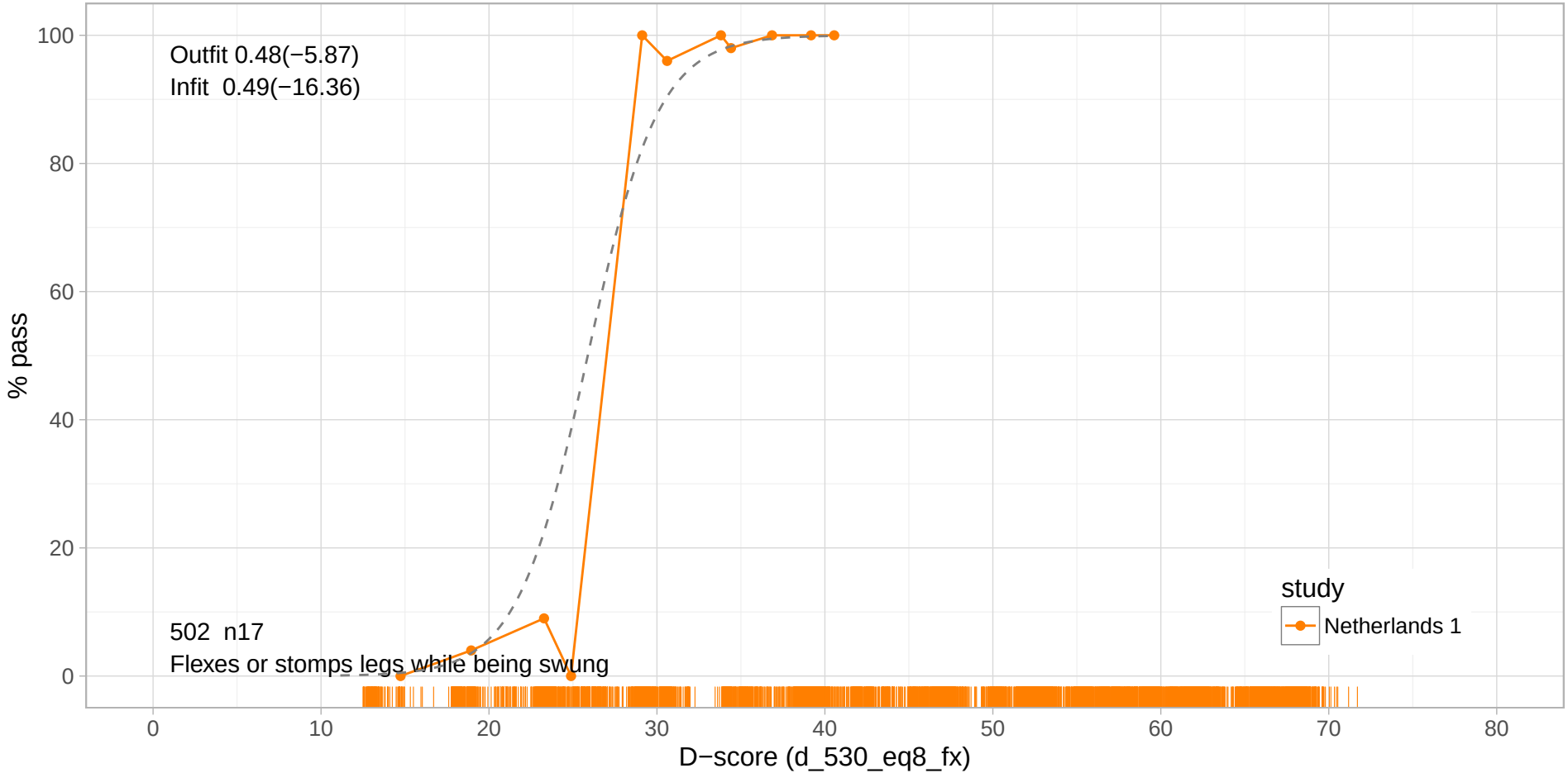

Outfit 0.79(−2.68)
Infit 0.83(−2.78)
497 mg3
Walks on tiptoes for 5 steps or more
study
Madagascar
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

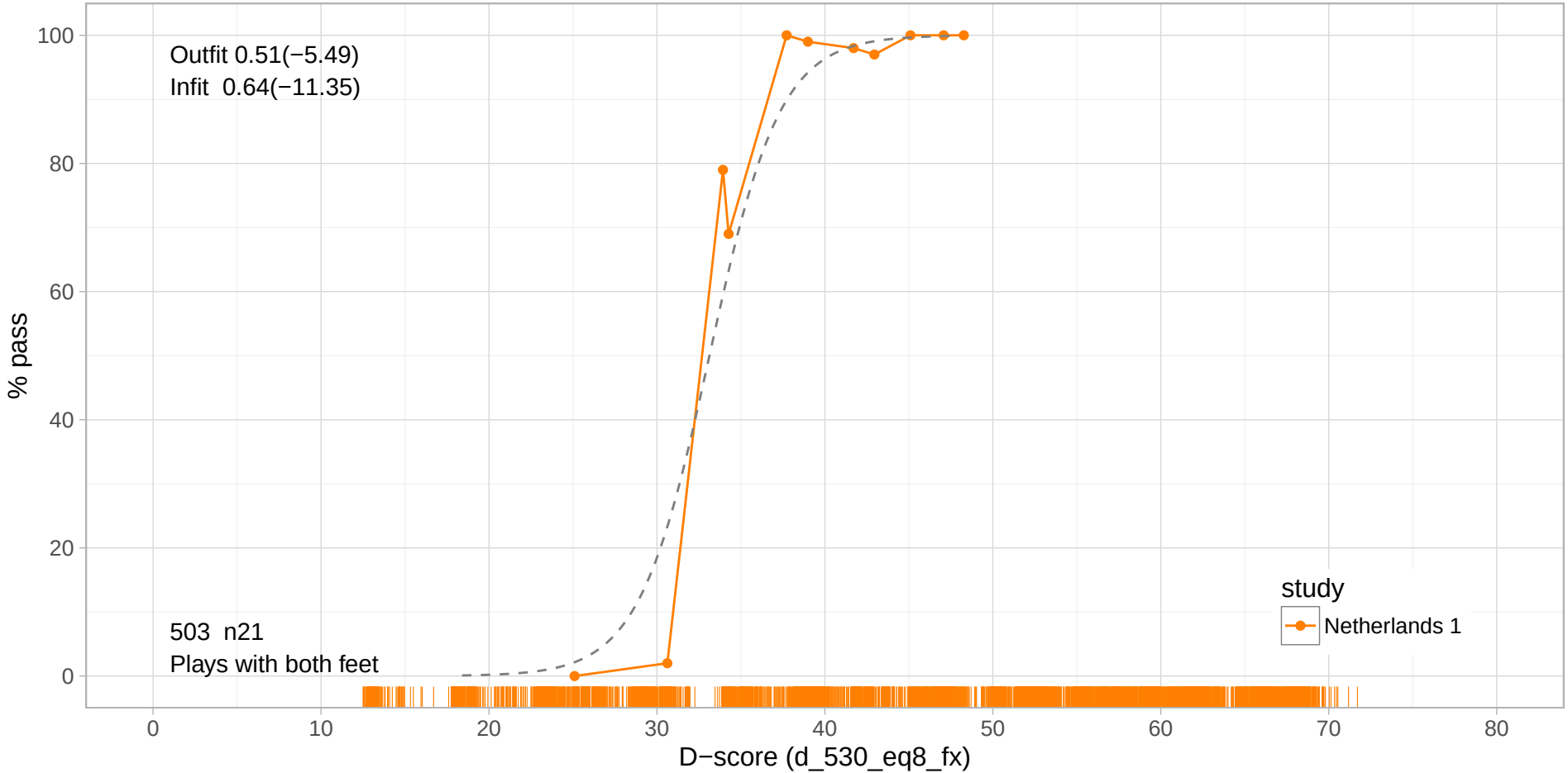

Outfit 0.88(−1.88)
Infit 0.89(−2.12)
498 mg4a
Balances on either foot for 3−9 secs
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar

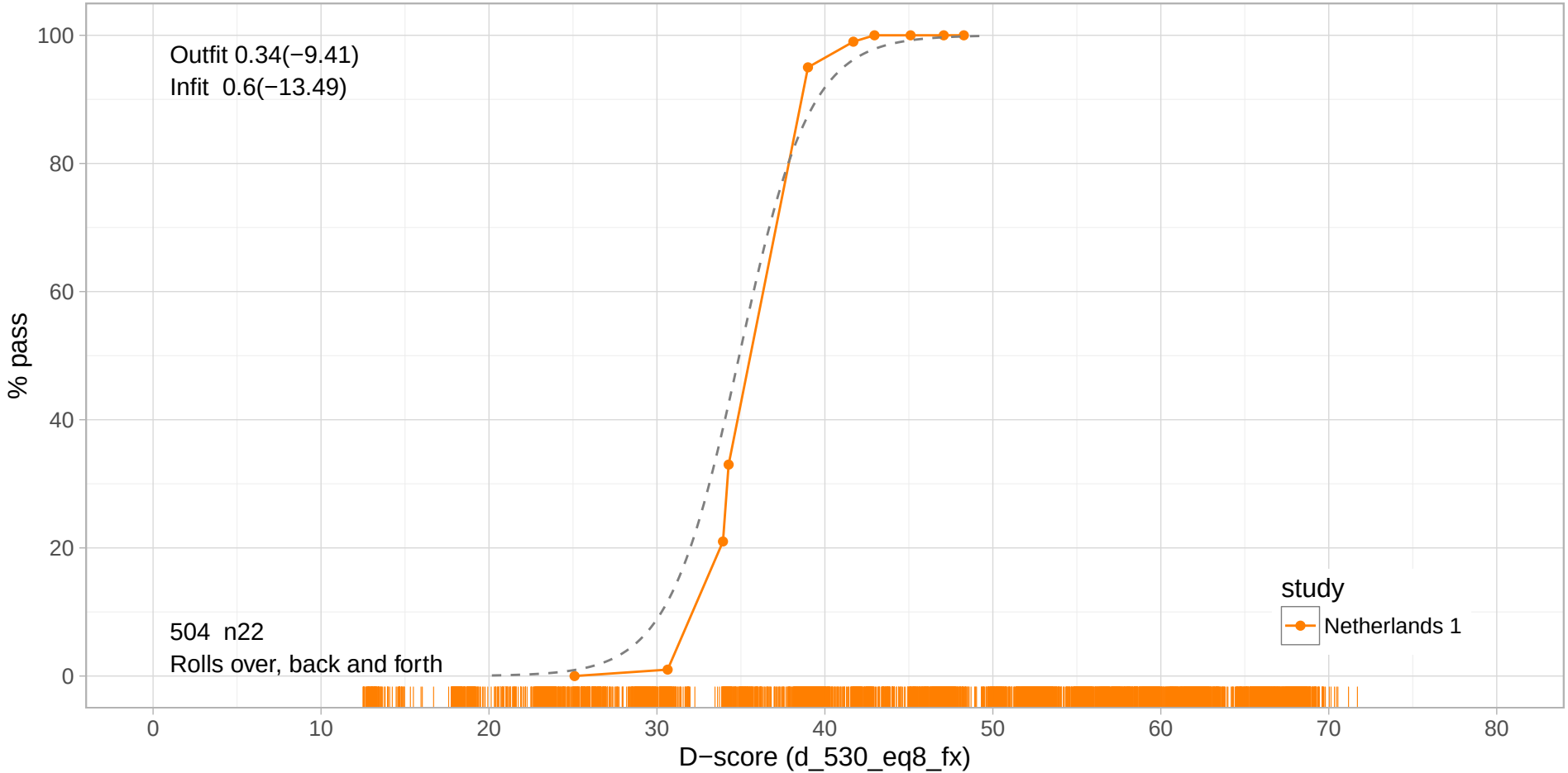

Outfit 0.97(−0.32)
Infit 1.01(0.14)
499 mg5
Jumps with feet together; 2−5 jumps
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar

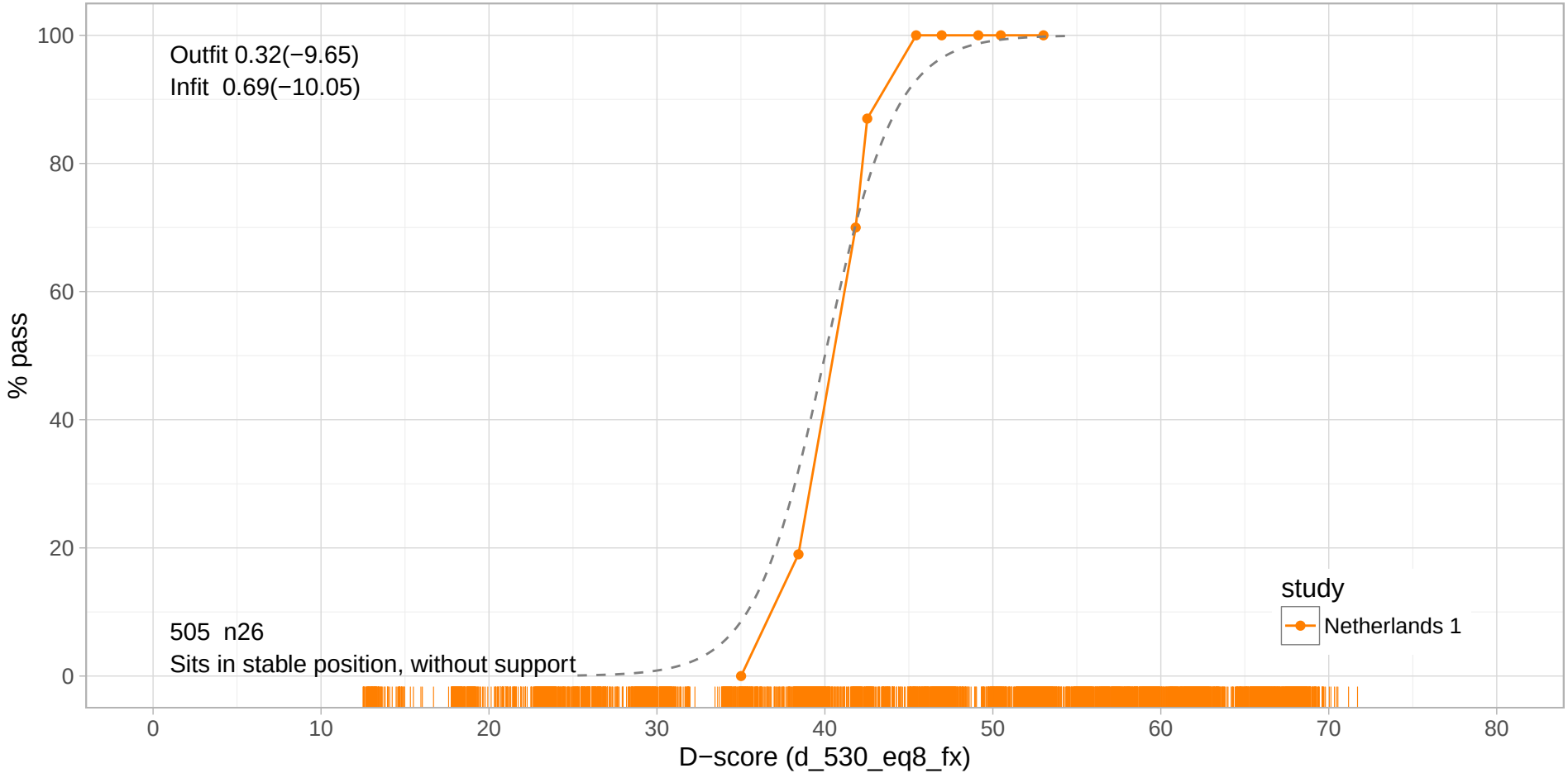

Outfit 0.38(−6.34)
Infit 0.6(−9.24)
500 n8
Hands occasionally open
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Netherlands 1

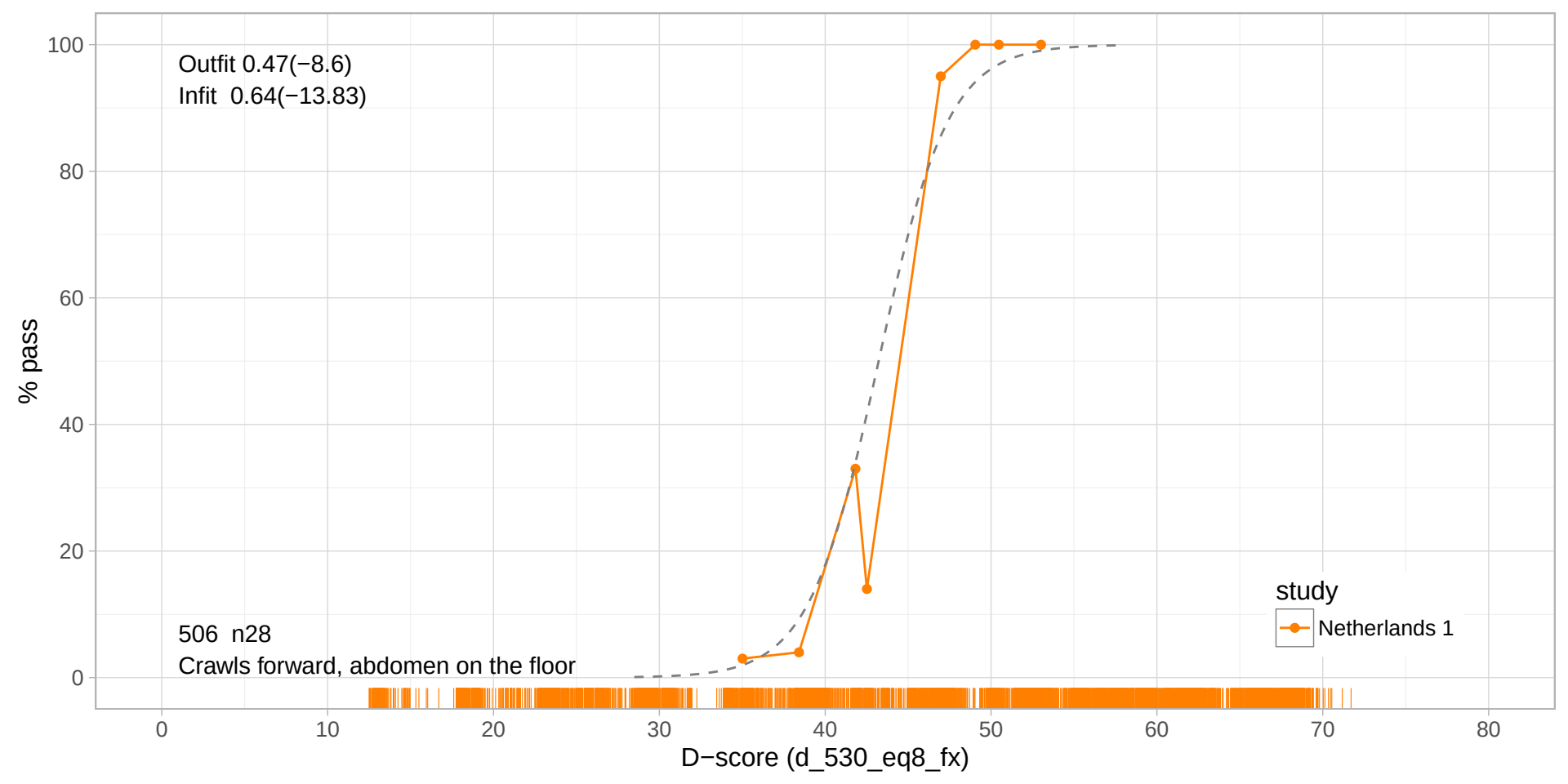

Outfit 0.35(−10.13)
Infit 0.53(−17.15)
501 n12
Lifts head to 45 degrees in prone position
study
Netherlands 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

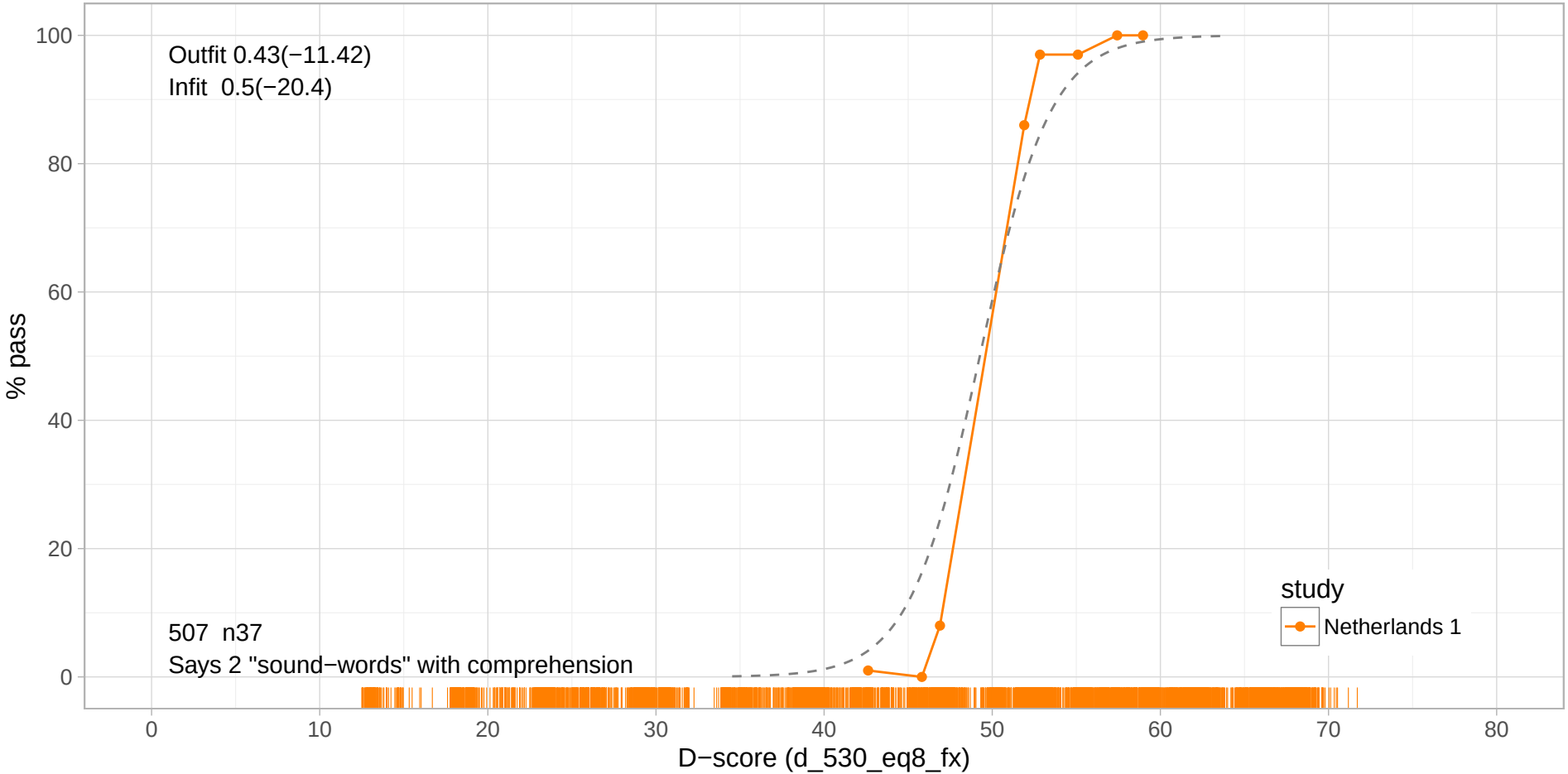

Outfit 0.48(−5.87)
Infit 0.49(−16.36)
502 n17
Flexes or stomps legs while being swung
study
Netherlands 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

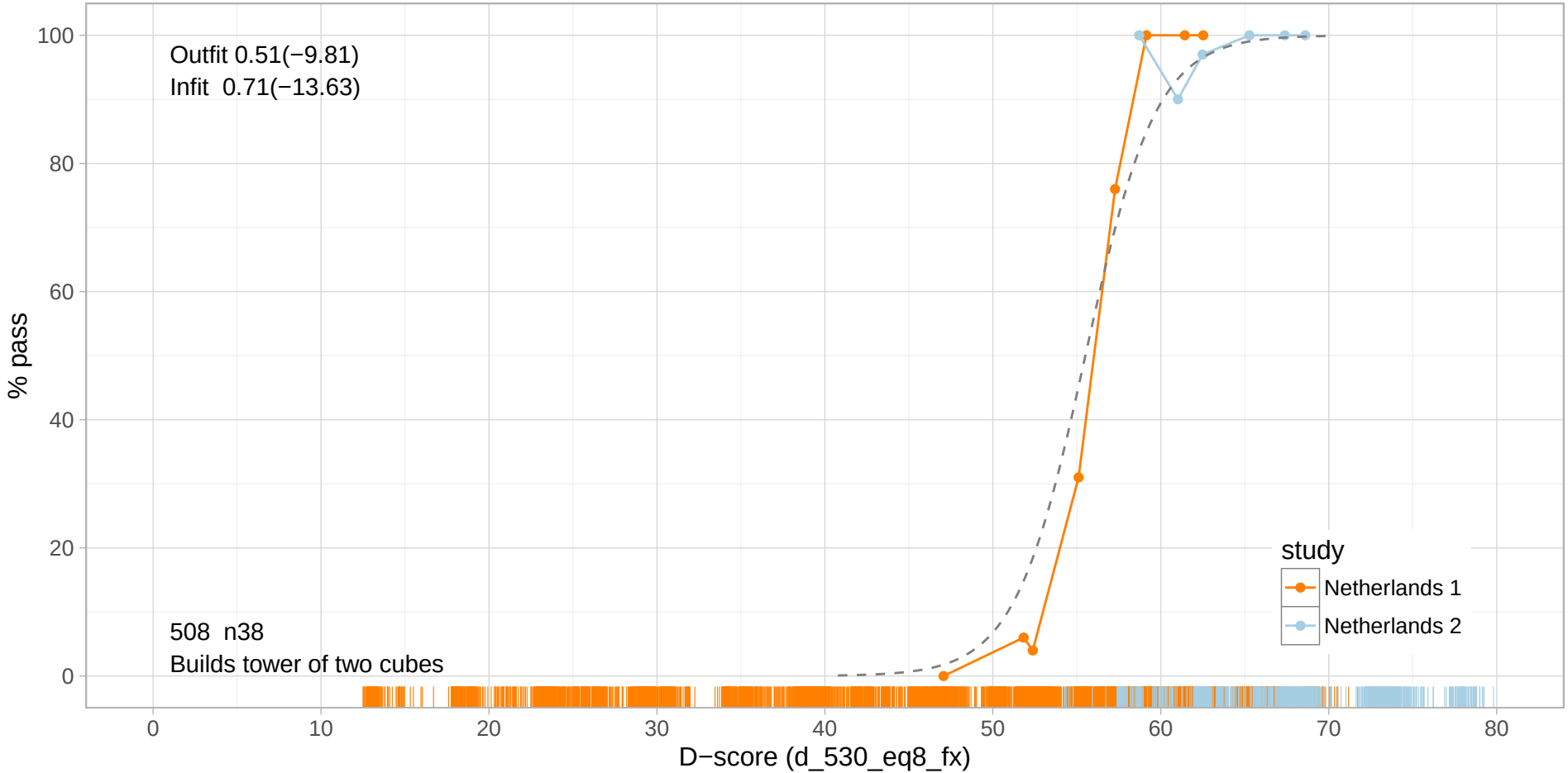

Outfit 0.51(−5.49)
Infit 0.64(−11.35)
503 n21
Plays with both feet
study
Netherlands 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

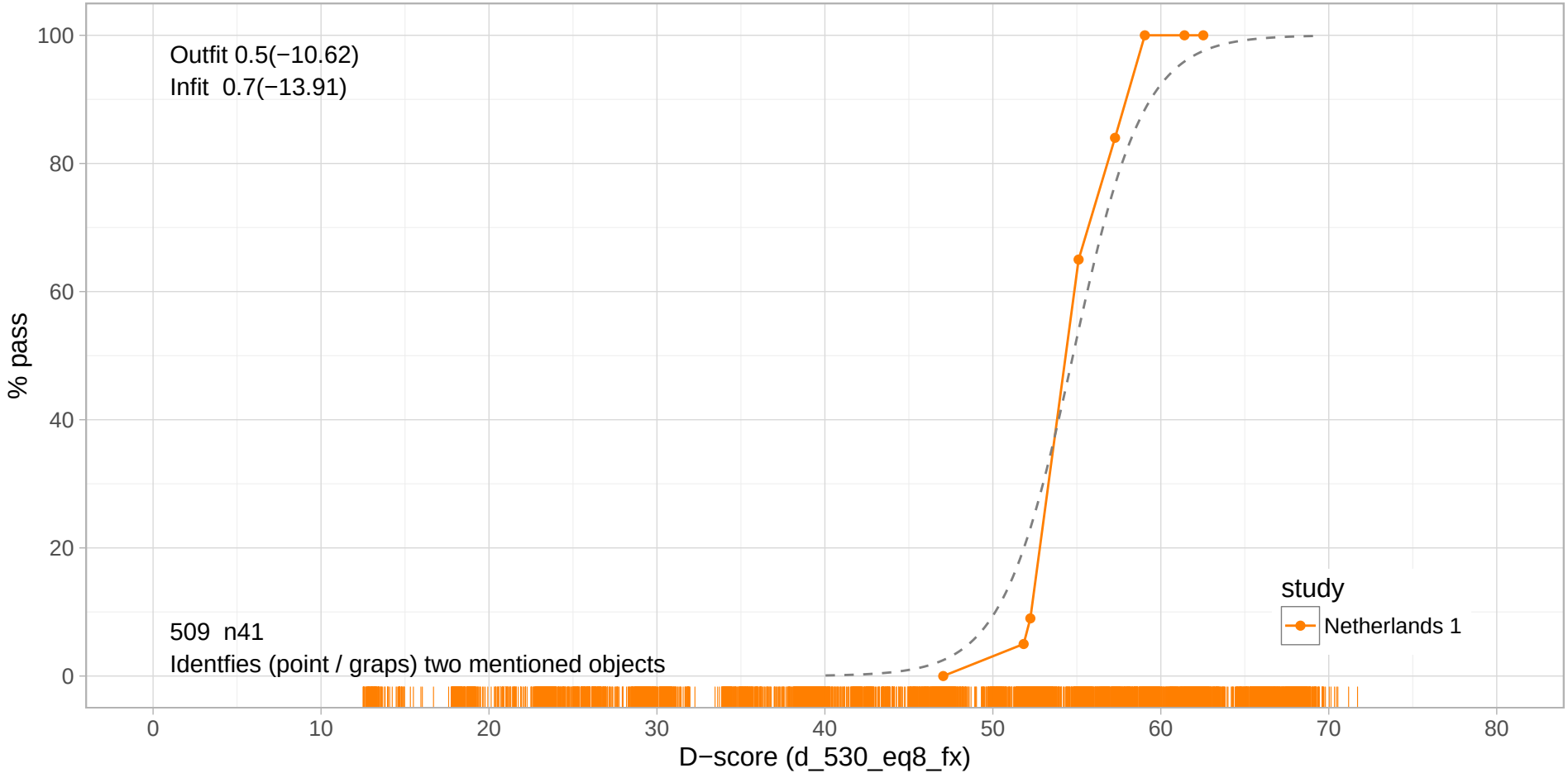

Outfit 0.34(−9.41)
Infit 0.6(−13.49)
504 n22
Rolls over, back and forth
study
Netherlands 1
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

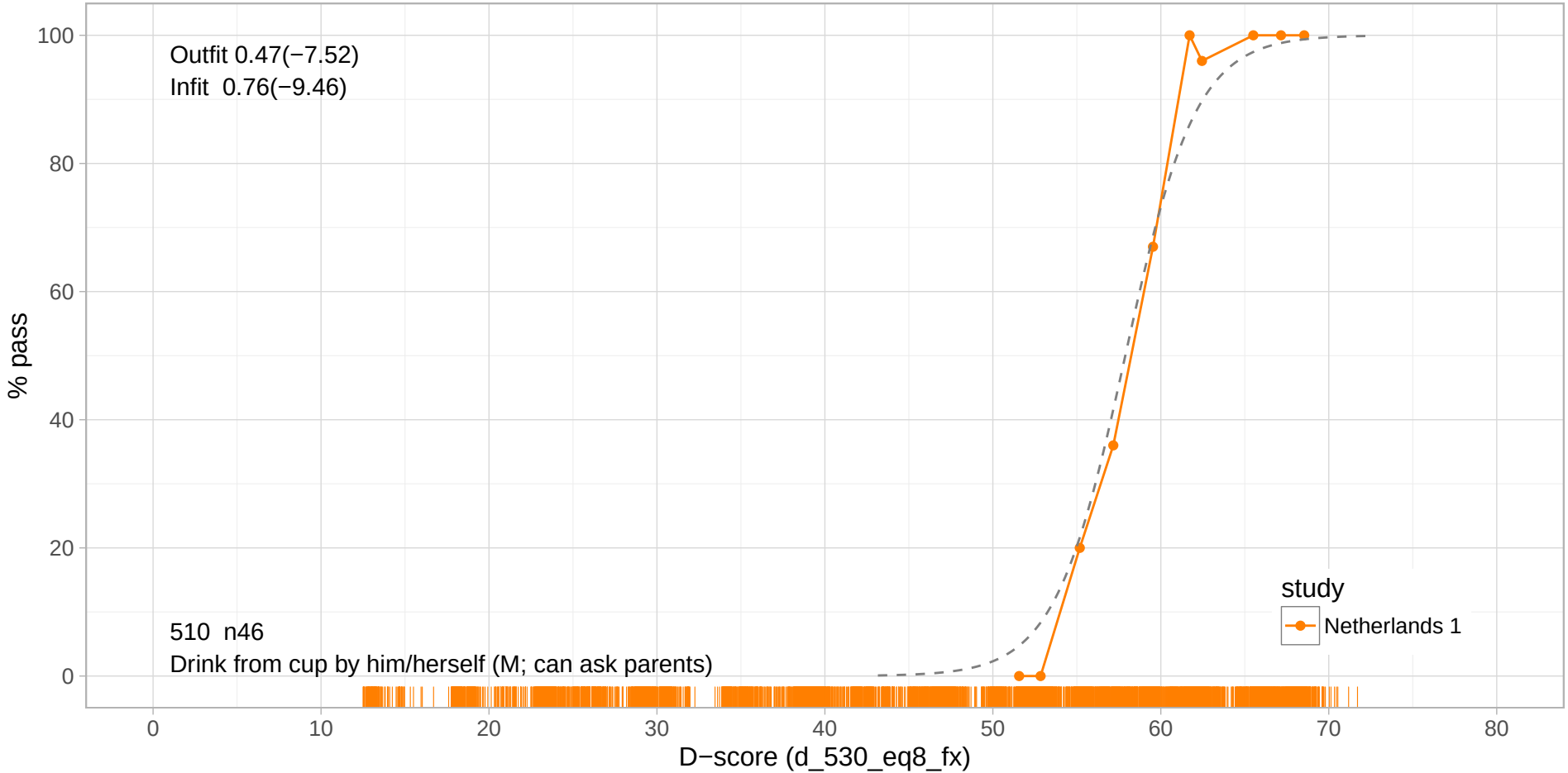

Outfit 0.32(−9.65)
Infit 0.69(−10.05)
505 n26
Sits in stable position, without support
study
Netherlands 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

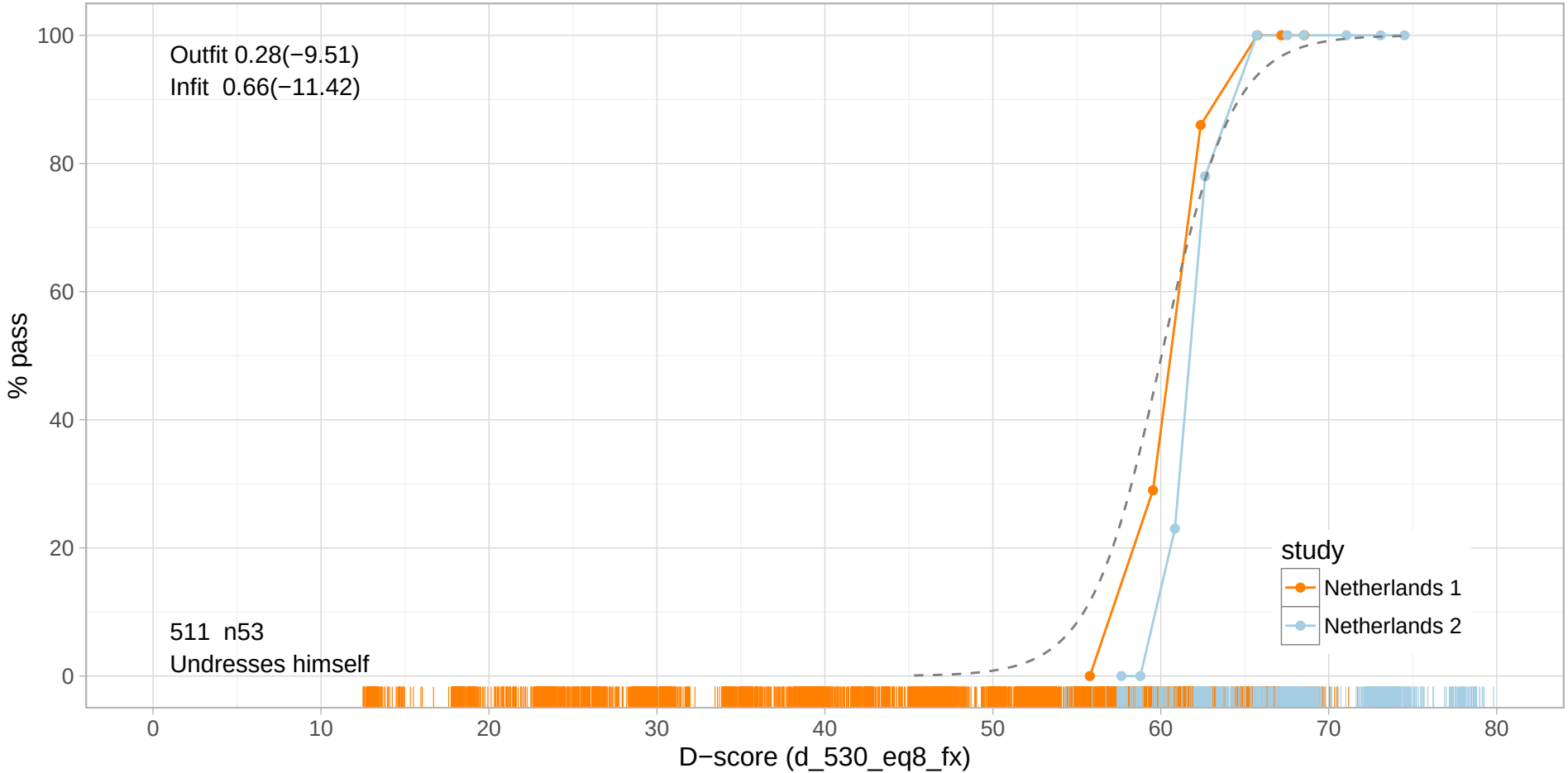

Outfit 0.47(−8.6)
Infit 0.64(−13.83)
506 n28
Crawls forward, abdomen on the floor
study
Netherlands 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

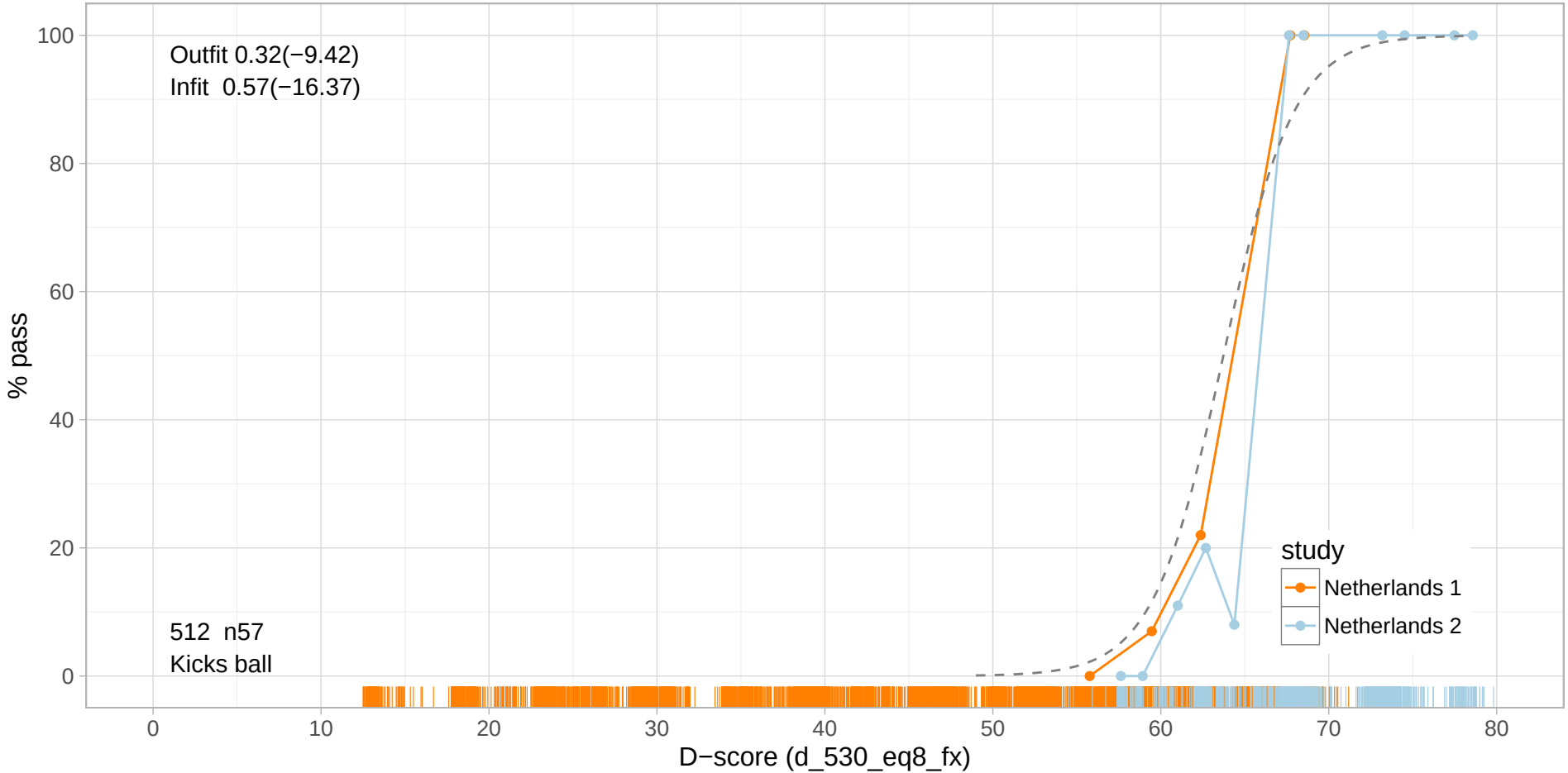

Outfit 0.43(−11.42)
Infit 0.5(−20.4)
507 n37
Says 2 "sound−words" with comprehension
study
Netherlands 1
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

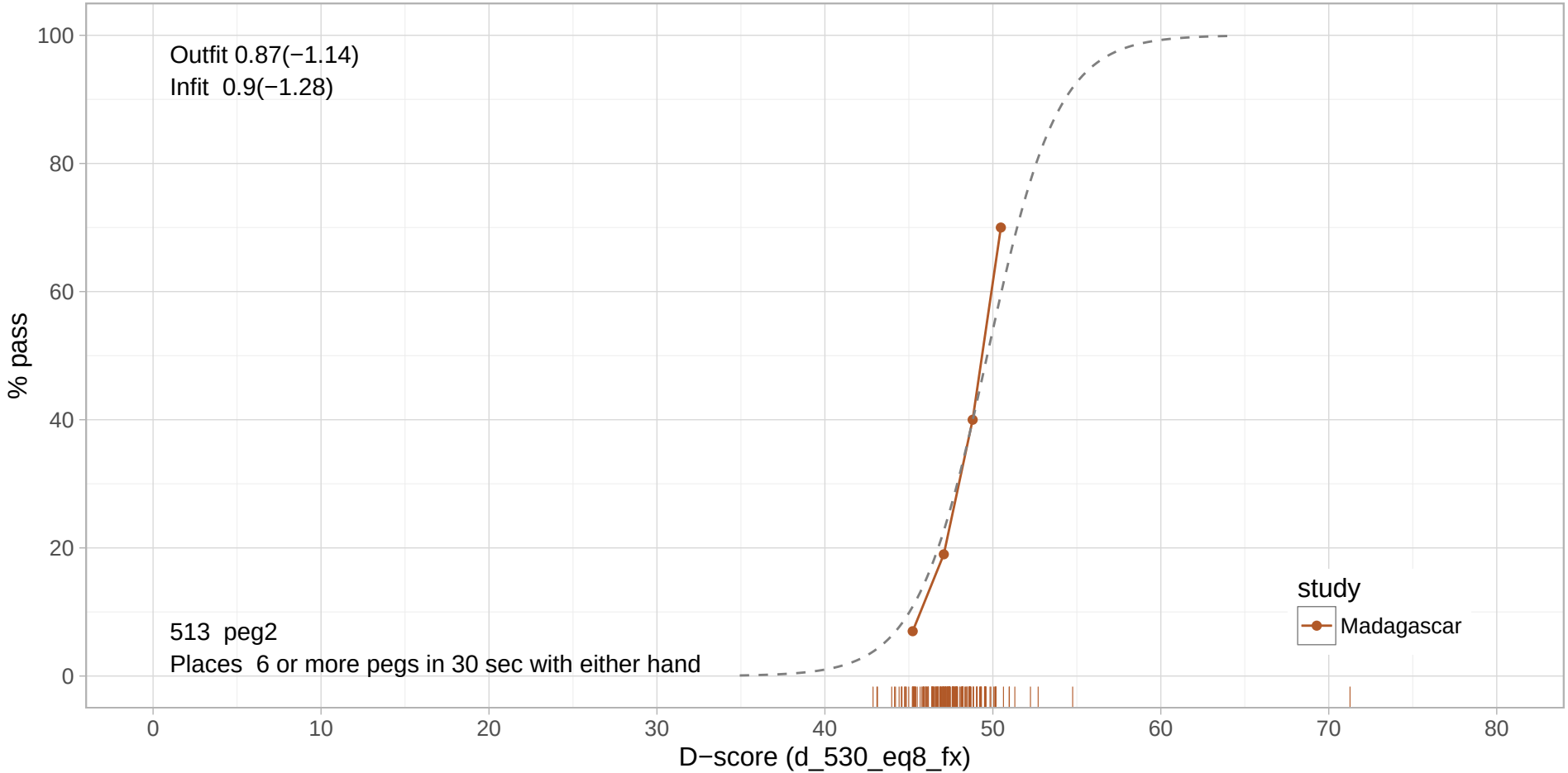

Outfit 0.51(−9.81)
Infit 0.71(−13.63)
508 n38
Builds tower of two cubes
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Netherlands 1
Netherlands 2

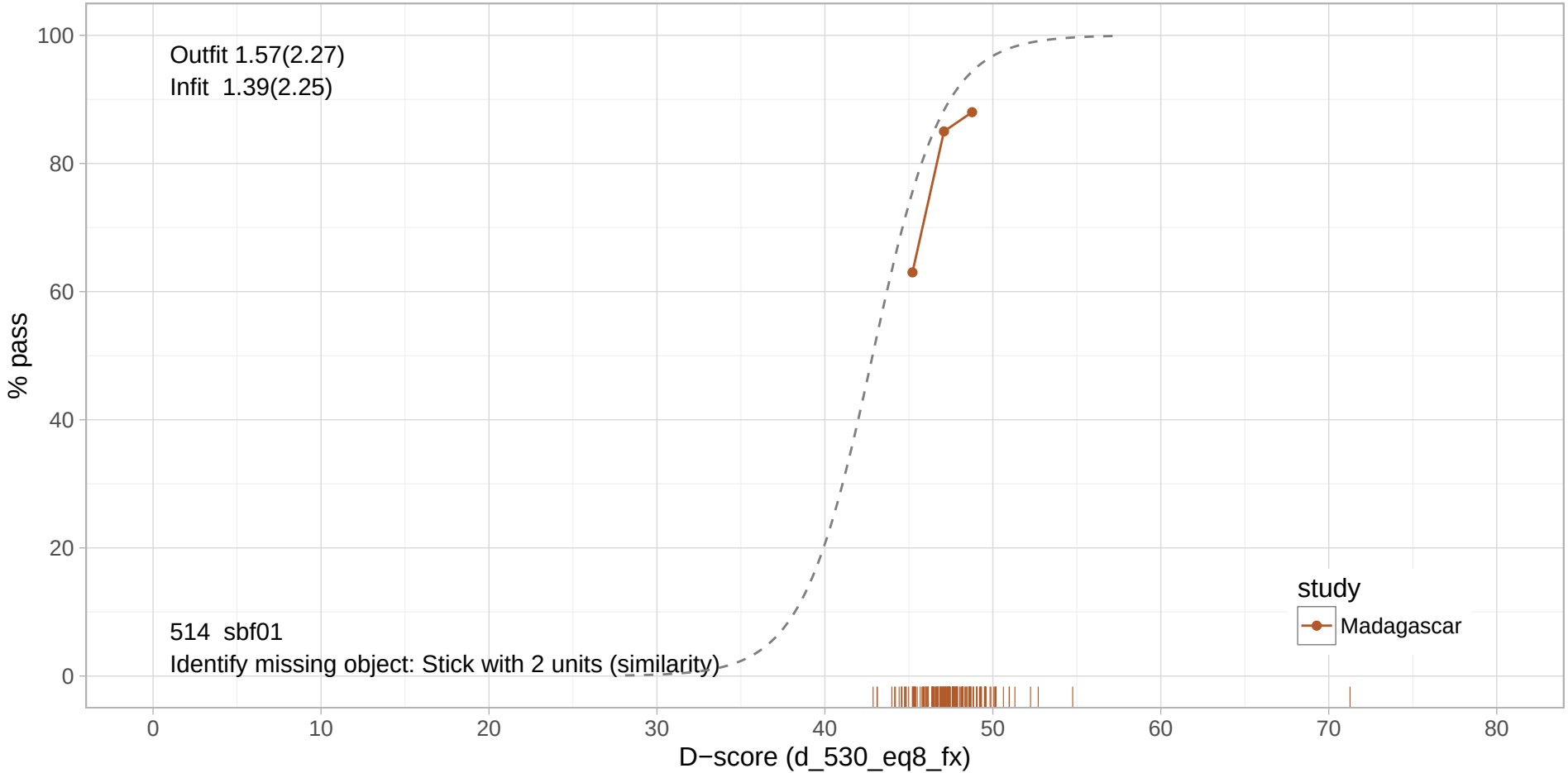

Outfit 0.5(−10.62)
Infit 0.7(−13.91)
509 n41
Identfies (point / graps) two mentioned objects
% pass
D−score (d_530_eq8_fx)
study
Netherlands 1
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

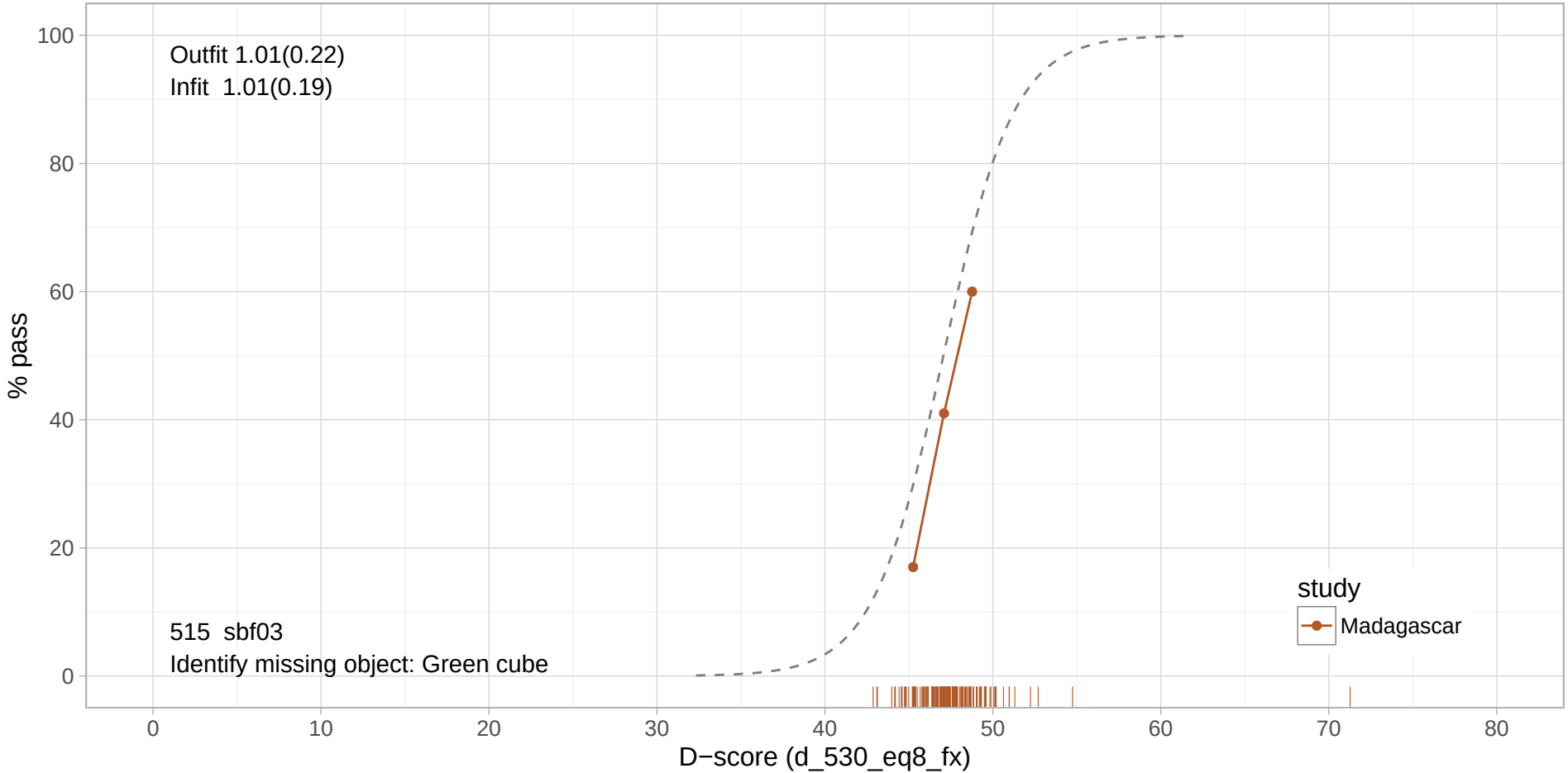

Outfit 0.47(−7.52)
Infit 0.76(−9.46)
510 n46
Drink from cup by him/herself (M; can ask parents)
study
Netherlands 1
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

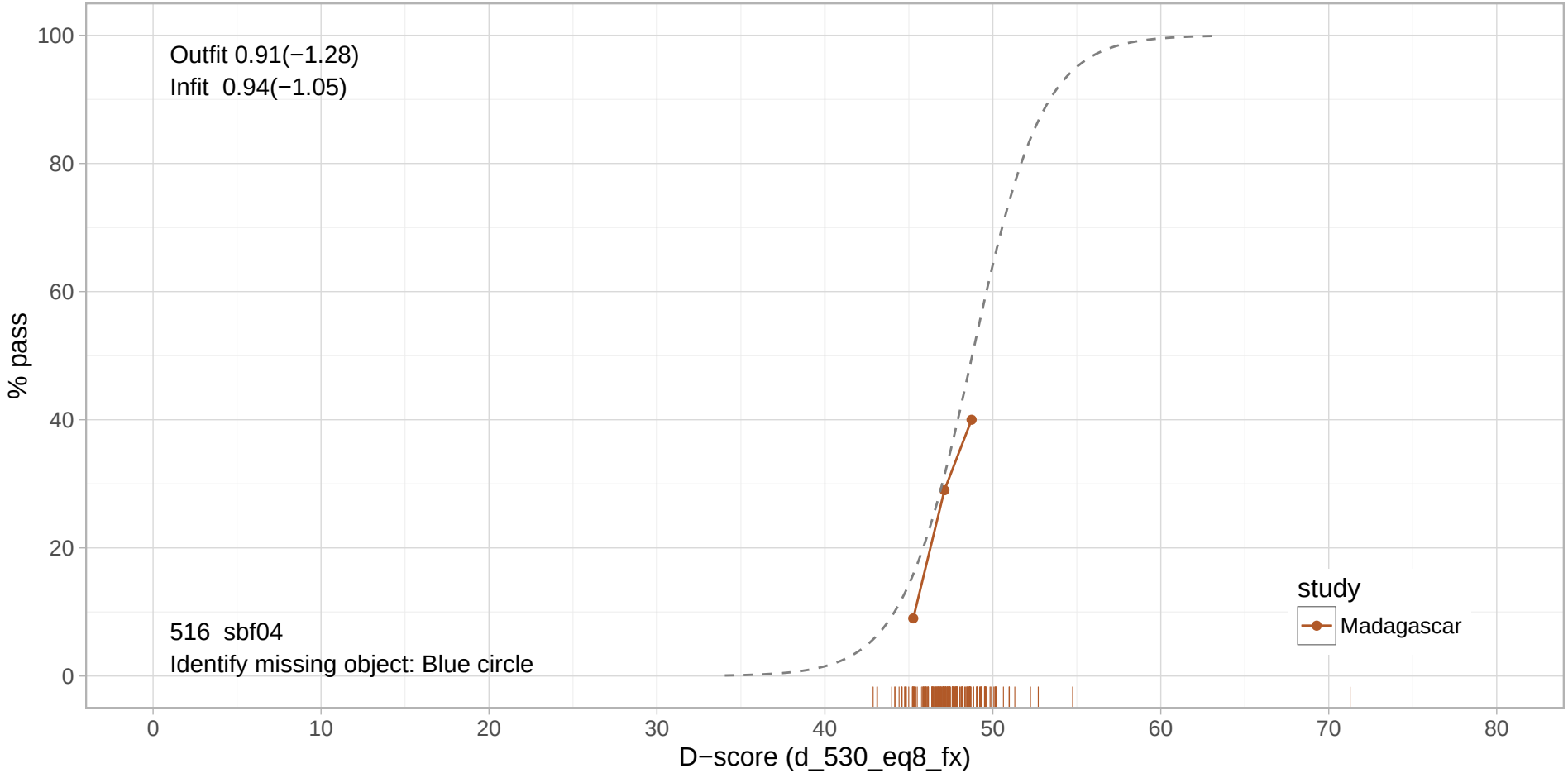

Outfit 0.28(−9.51)
Infit 0.66(−11.42)
511 n53
Undresses himself
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Netherlands 1
Netherlands 2

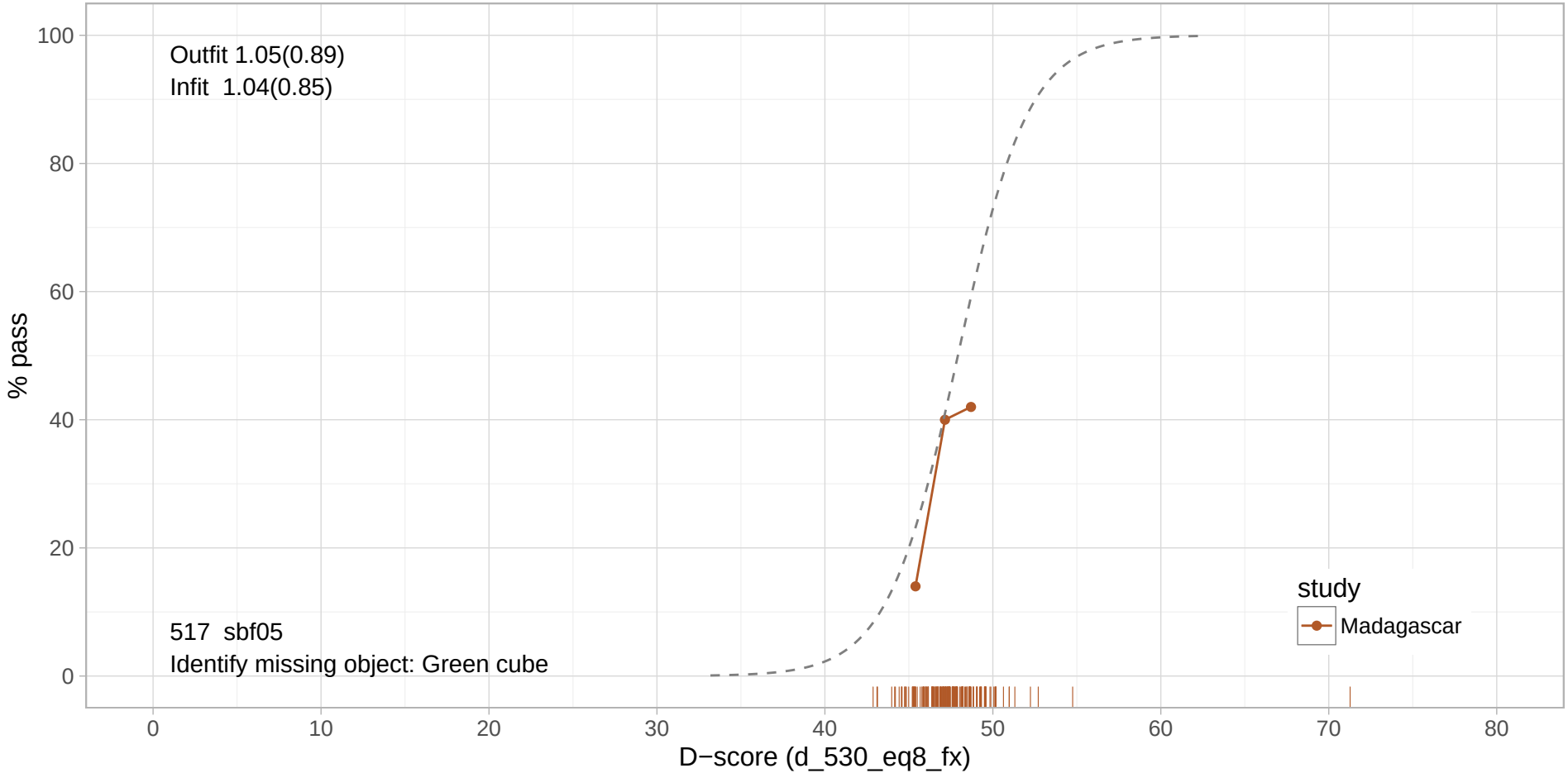

Outfit 0.32(−9.42)
Infit 0.57(−16.37)
512 n57
Kicks ball
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Netherlands 1
Netherlands 2

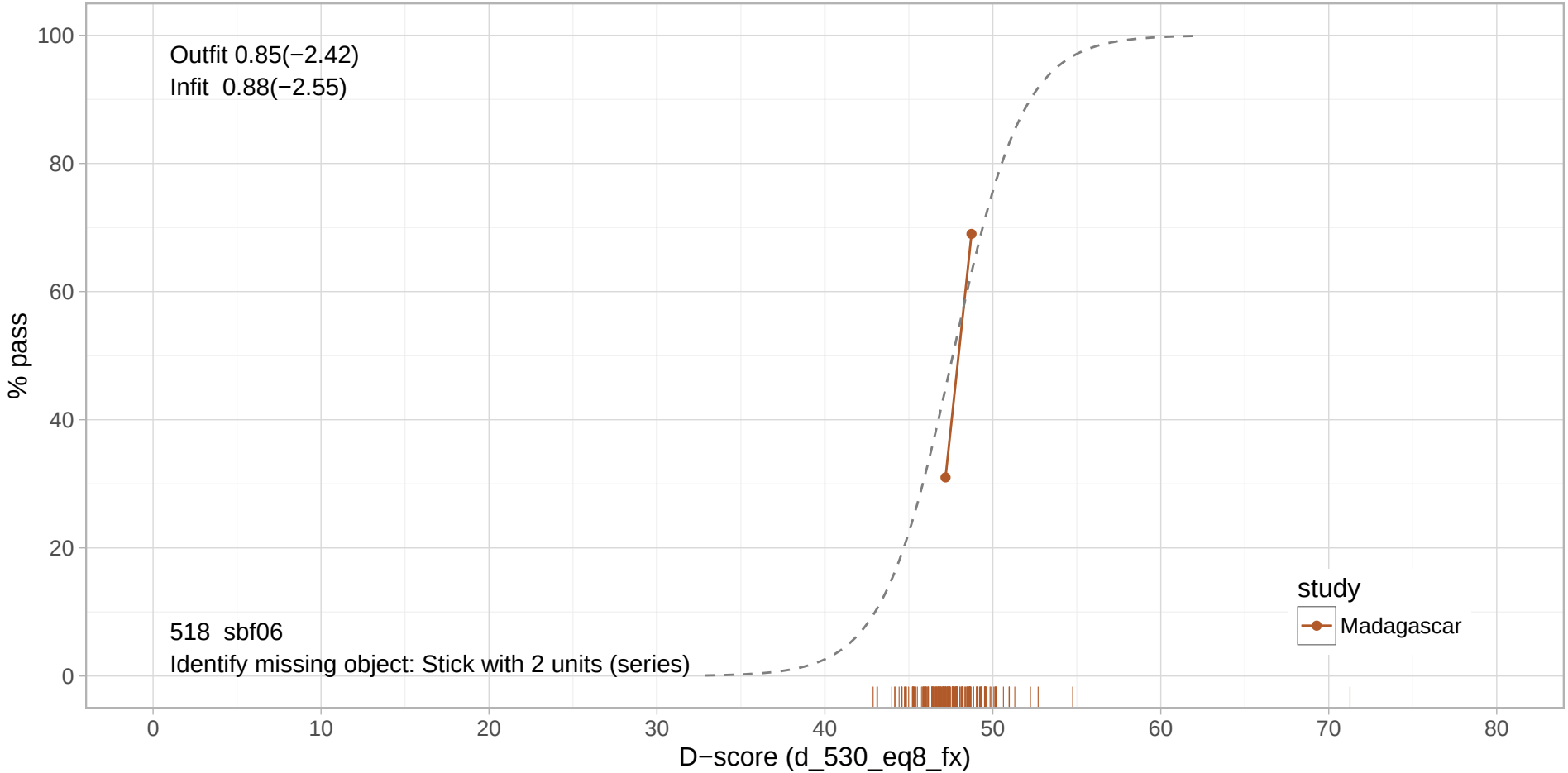

Outfit 0.87(−1.14)
Infit 0.9(−1.28)
513 peg2
Places 6 or more pegs in 30 sec with either hand
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar

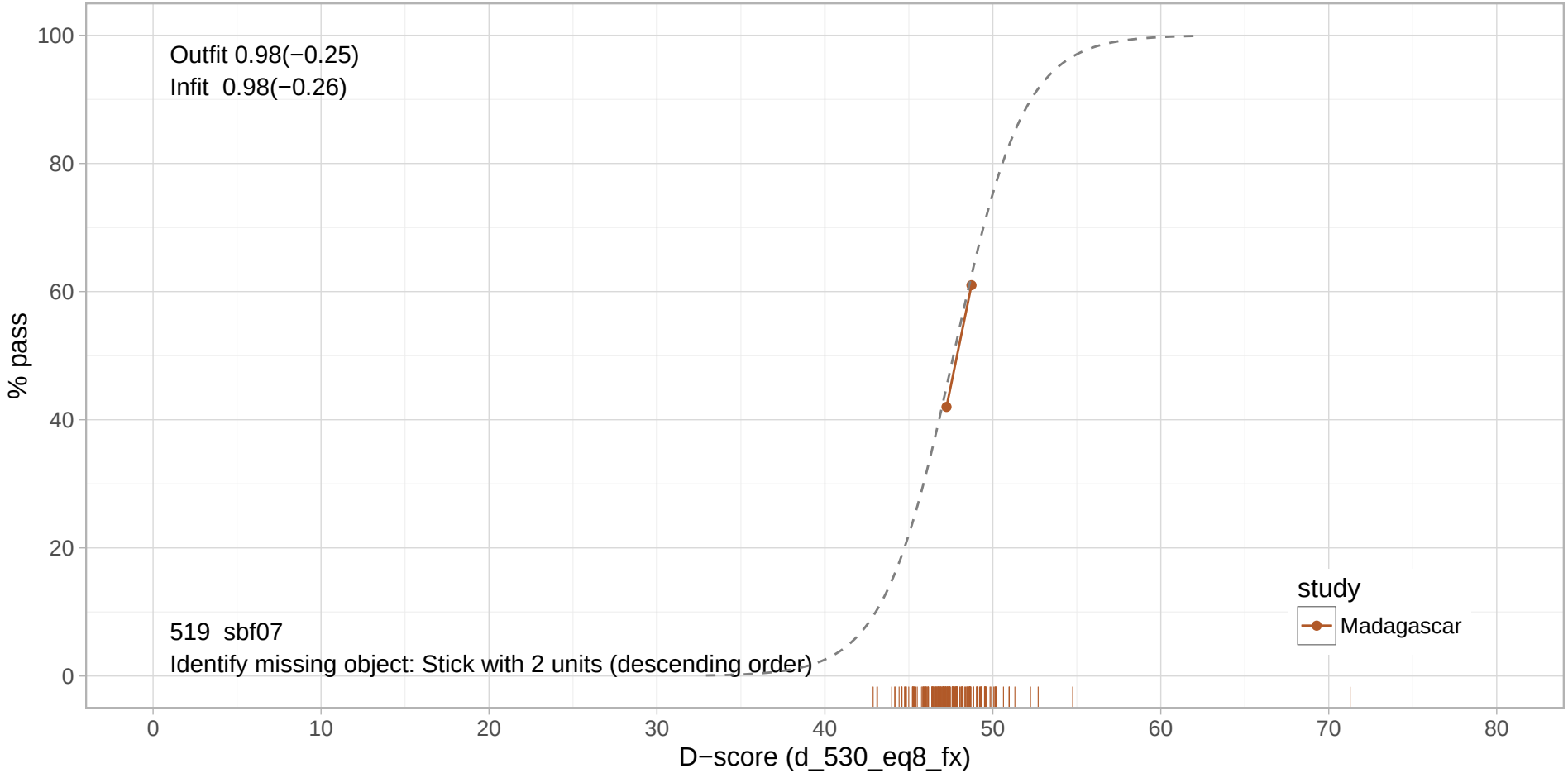

Outfit 1.57(2.27)
Infit 1.39(2.25)
514 sbf01
Identify missing object: Stick with 2 units (similarity)
study
Madagascar
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

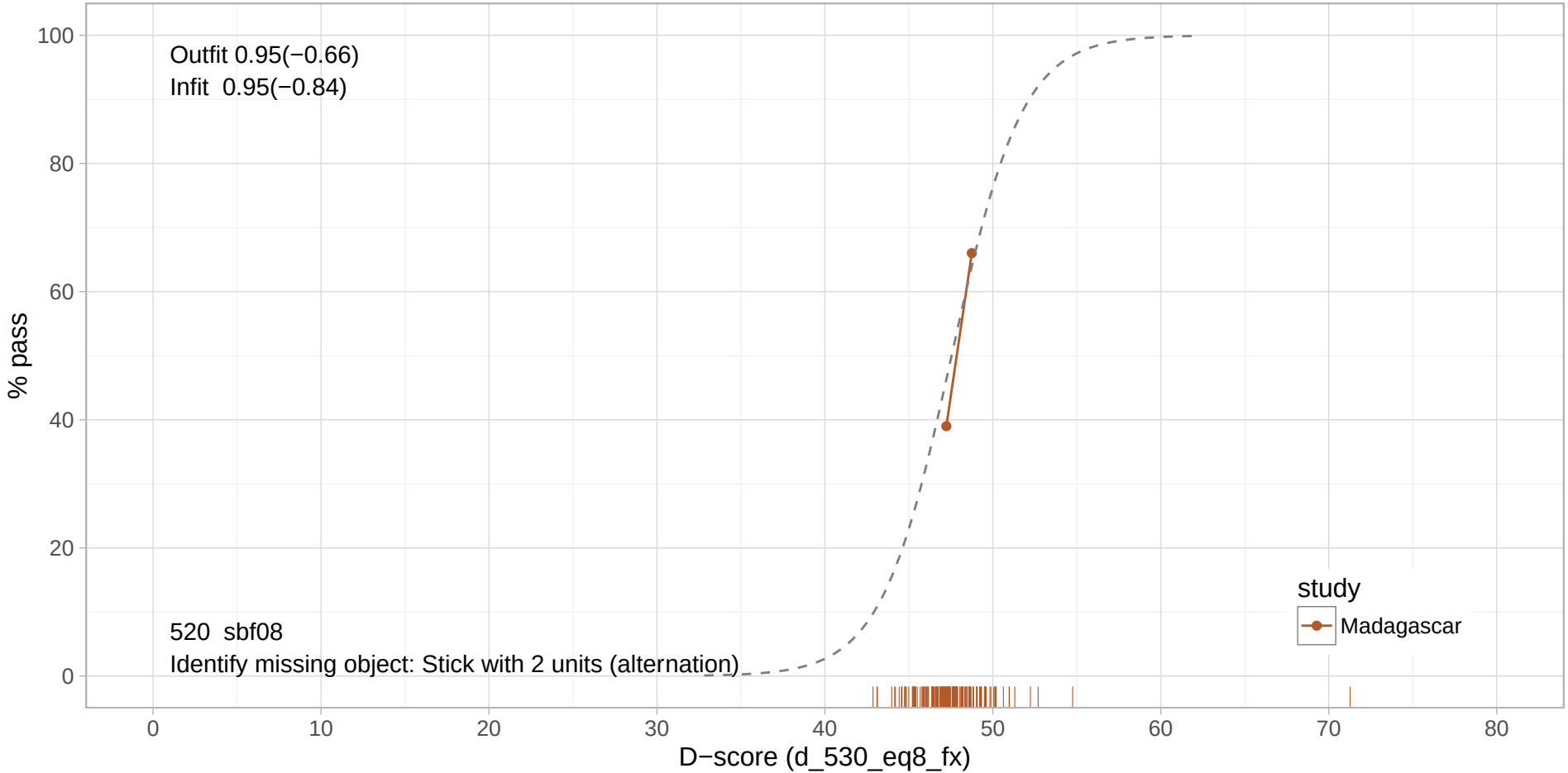

Outfit 1.01(0.22)
Infit 1.01(0.19)
515 sbf03
Identify missing object: Green cube
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar

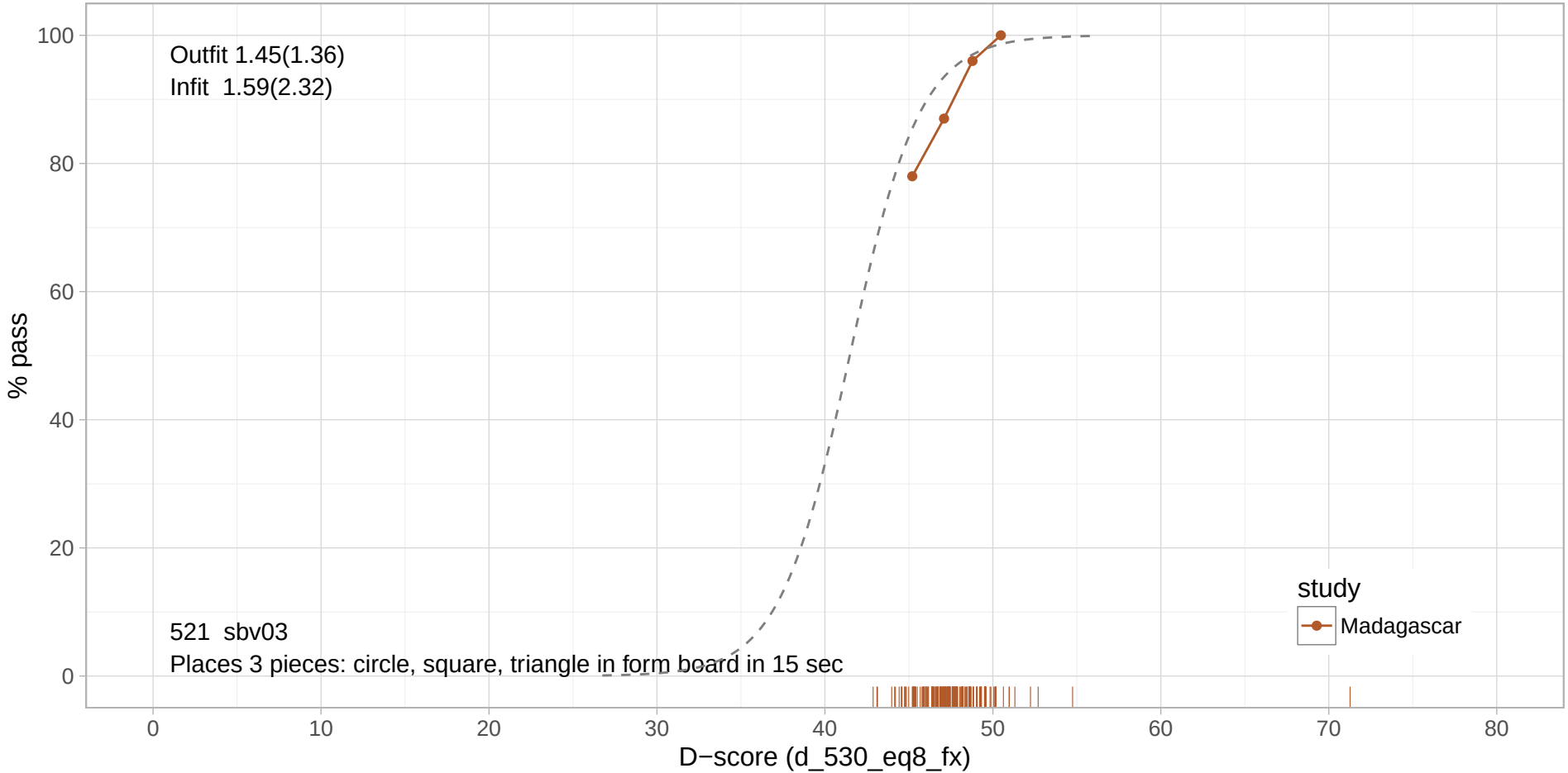

Outfit 0.91(−1.28)
Infit 0.94(−1.05)
516 sbf04
Identify missing object: Blue circle
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar

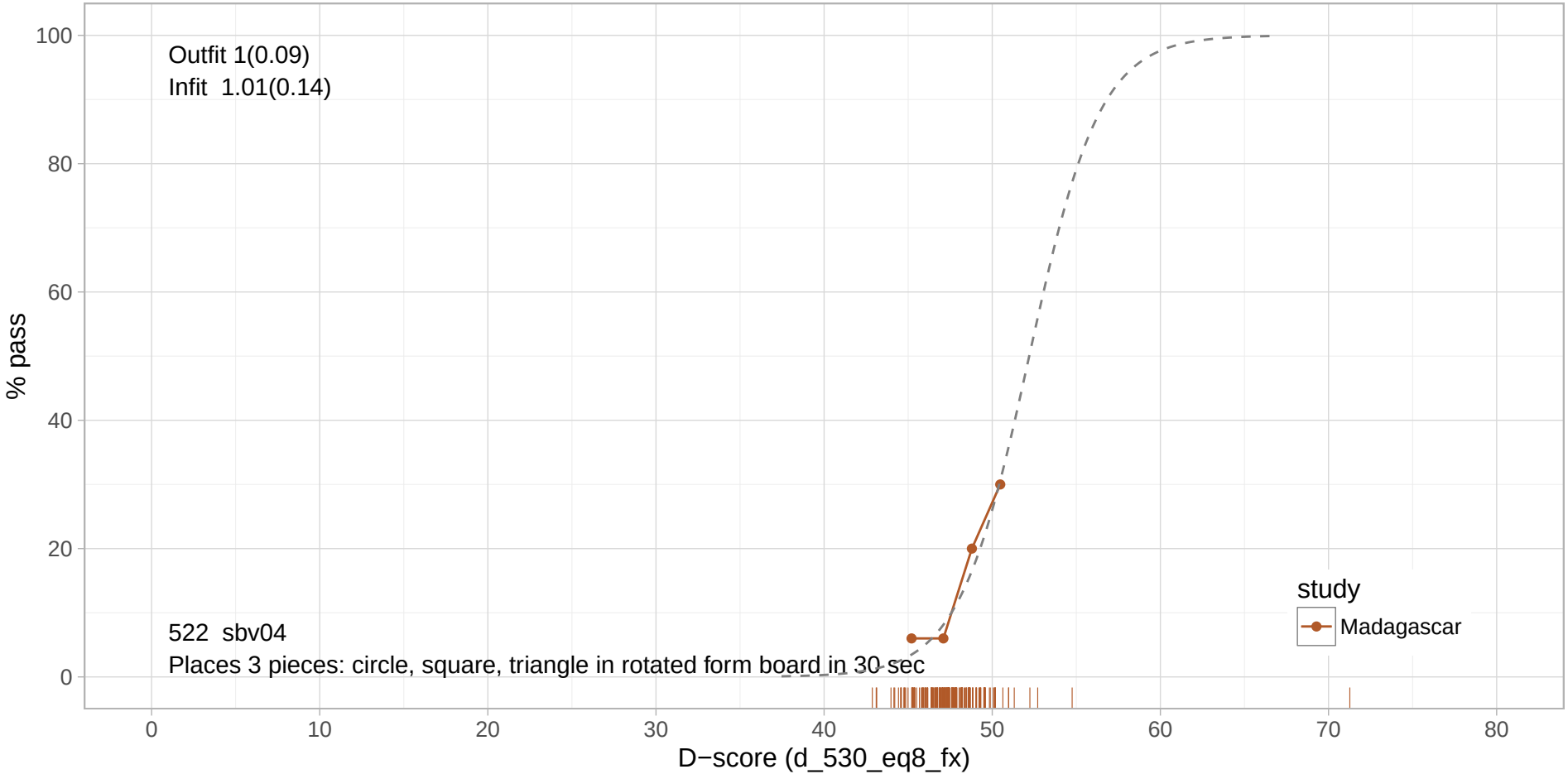

Outfit 1.05(0.89)
Infit 1.04(0.85)
517 sbf05
Identify missing object: Green cube
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar

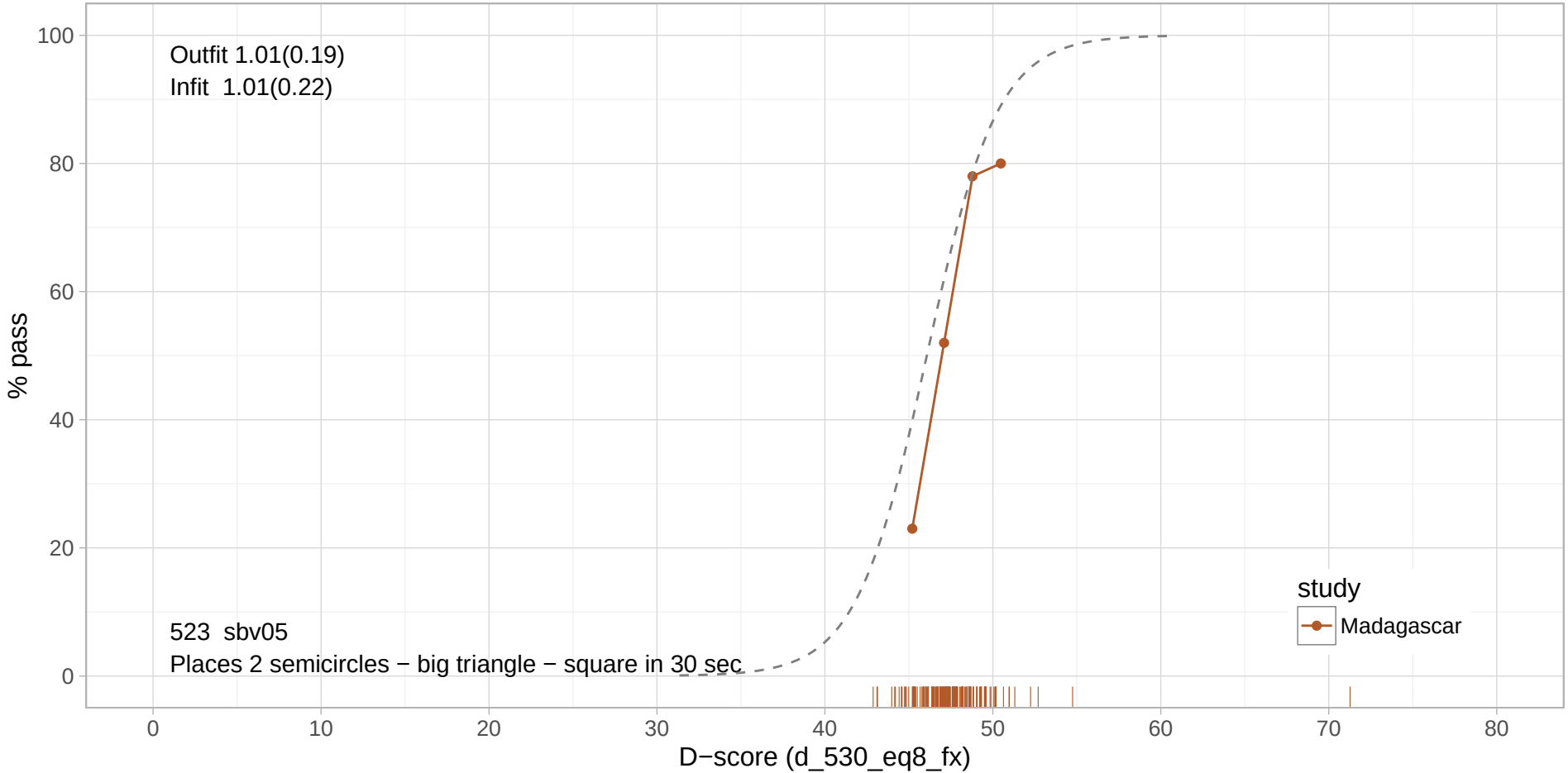

Outfit 0.85(−2.42)
Infit 0.88(−2.55)
518 sbf06
Identify missing object: Stick with 2 units (series)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar

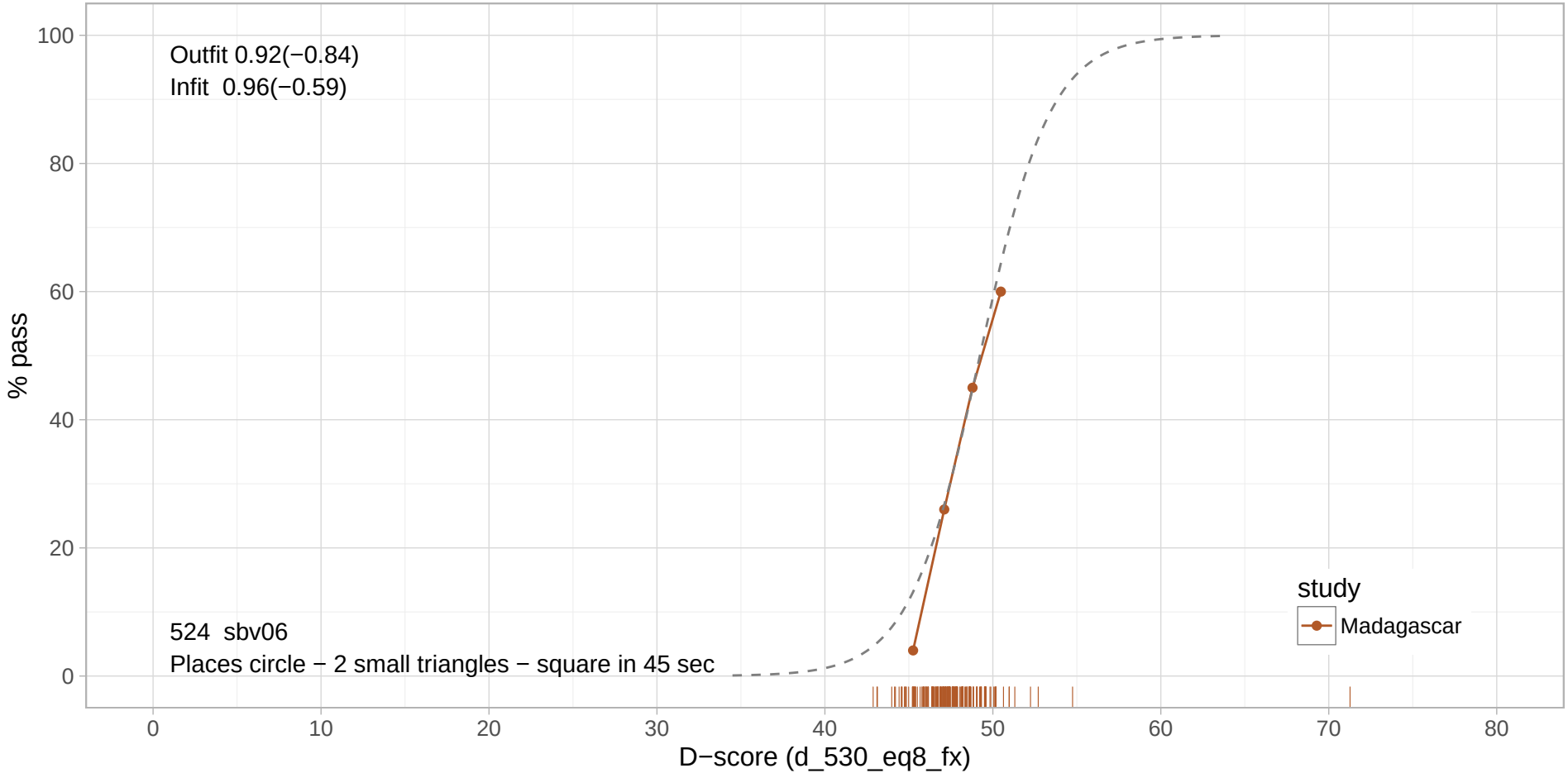

Outfit 0.98(−0.25)
Infit 0.98(−0.26)
519 sbf07
Identify missing object: Stick with 2 units (descending order)
study
Madagascar
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

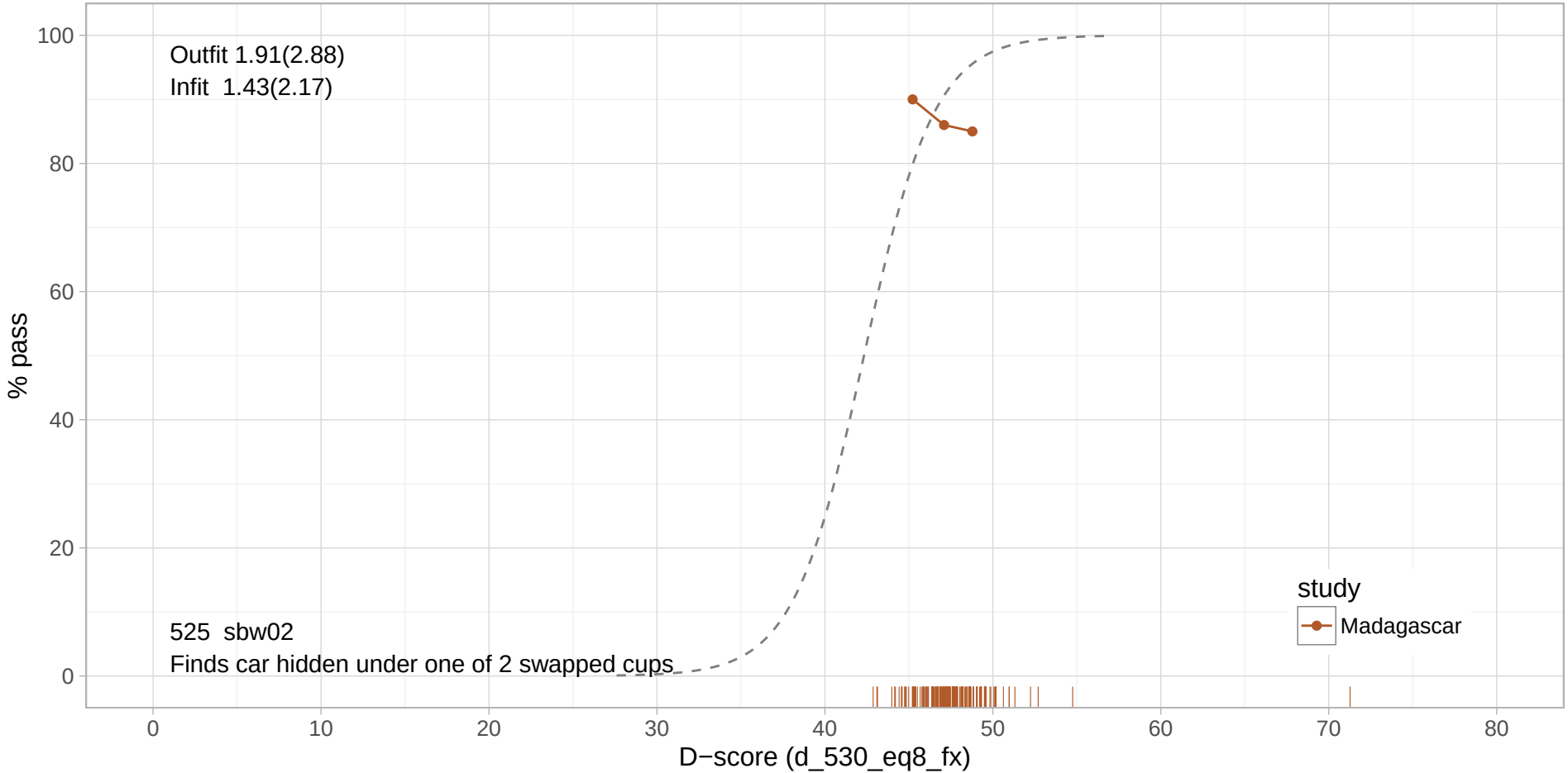

Outfit 0.95(−0.66)
Infit 0.95(−0.84)
520 sbf08
Identify missing object: Stick with 2 units (alternation)
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar

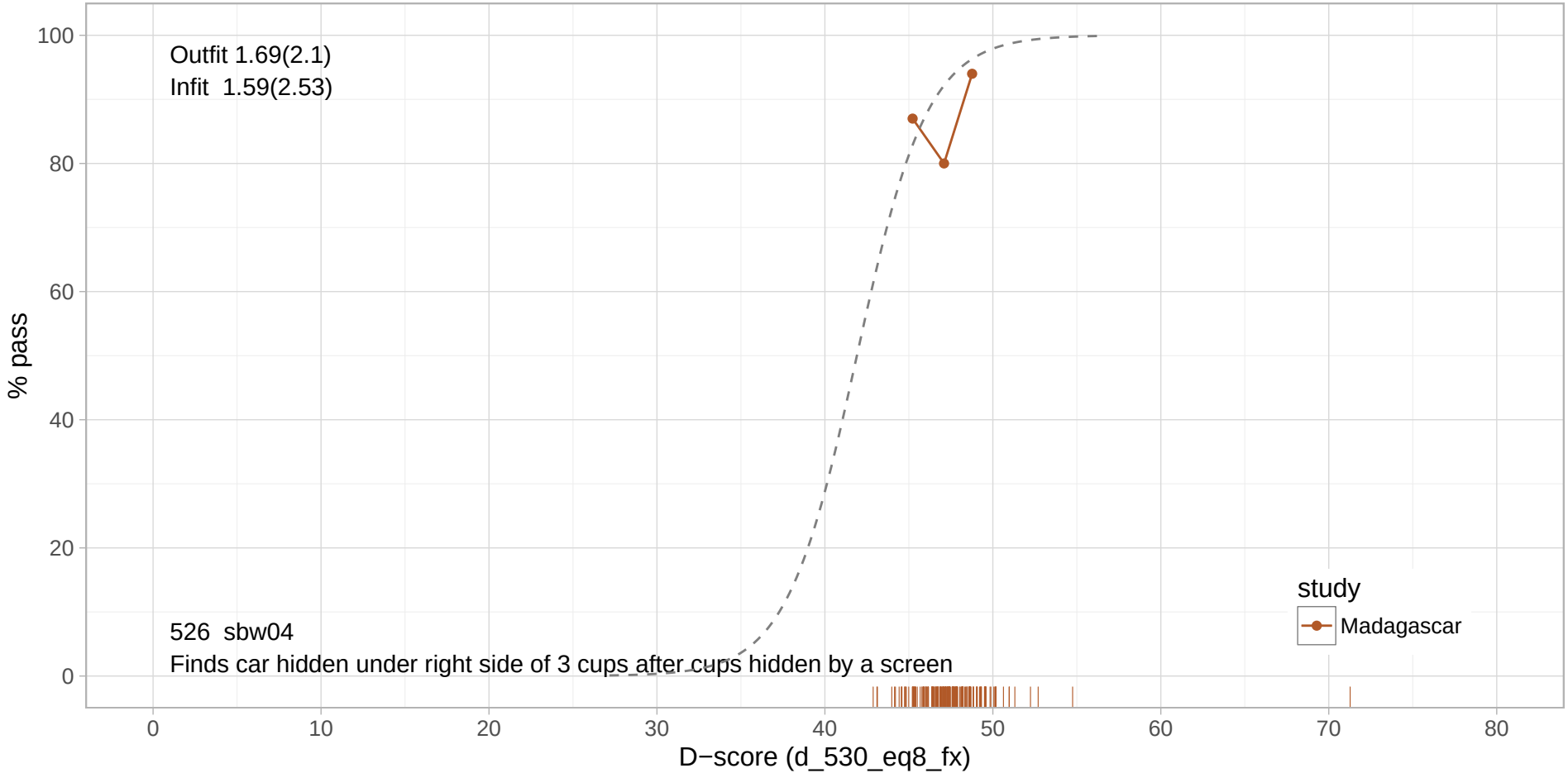

Outfit 1.45(1.36)
Infit 1.59(2.32)
521 sbv03
Places 3 pieces: circle, square, triangle in form board in 15 sec
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar

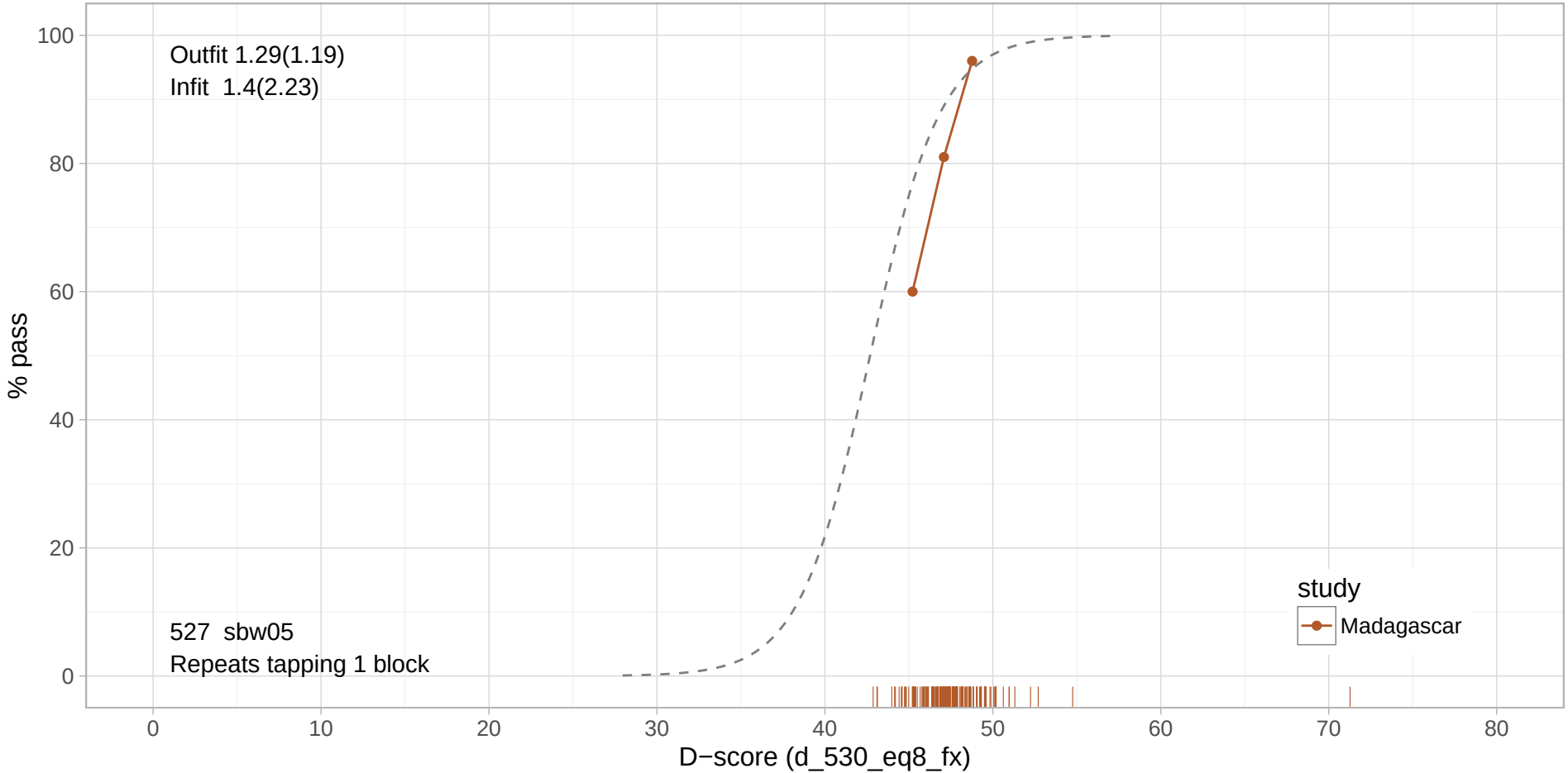

Outfit 1(0.09)
Infit 1.01(0.14)
522 sbv04
Places 3 pieces: circle, square, triangle in rotated form board in 30 sec
% pass
D−score (d_530_eq8_fx)
study
Madagascar
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80

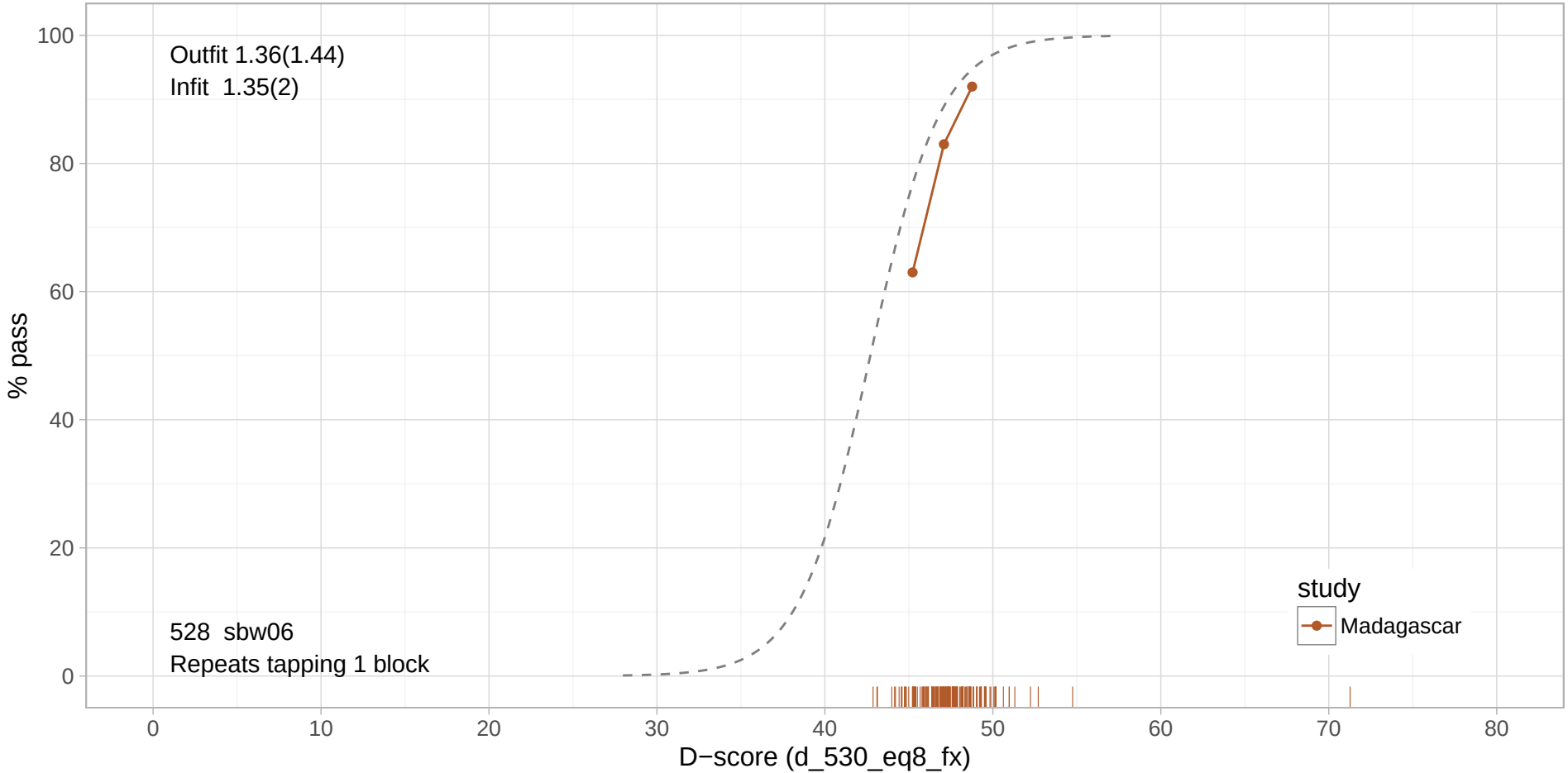

Outfit 1.01(0.19)
Infit 1.01(0.22)
523 sbv05
Places 2 semicircles − big triangle − square in 30 sec
study
Madagascar
% pass
D−score (d_530_eq8_fx)
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80

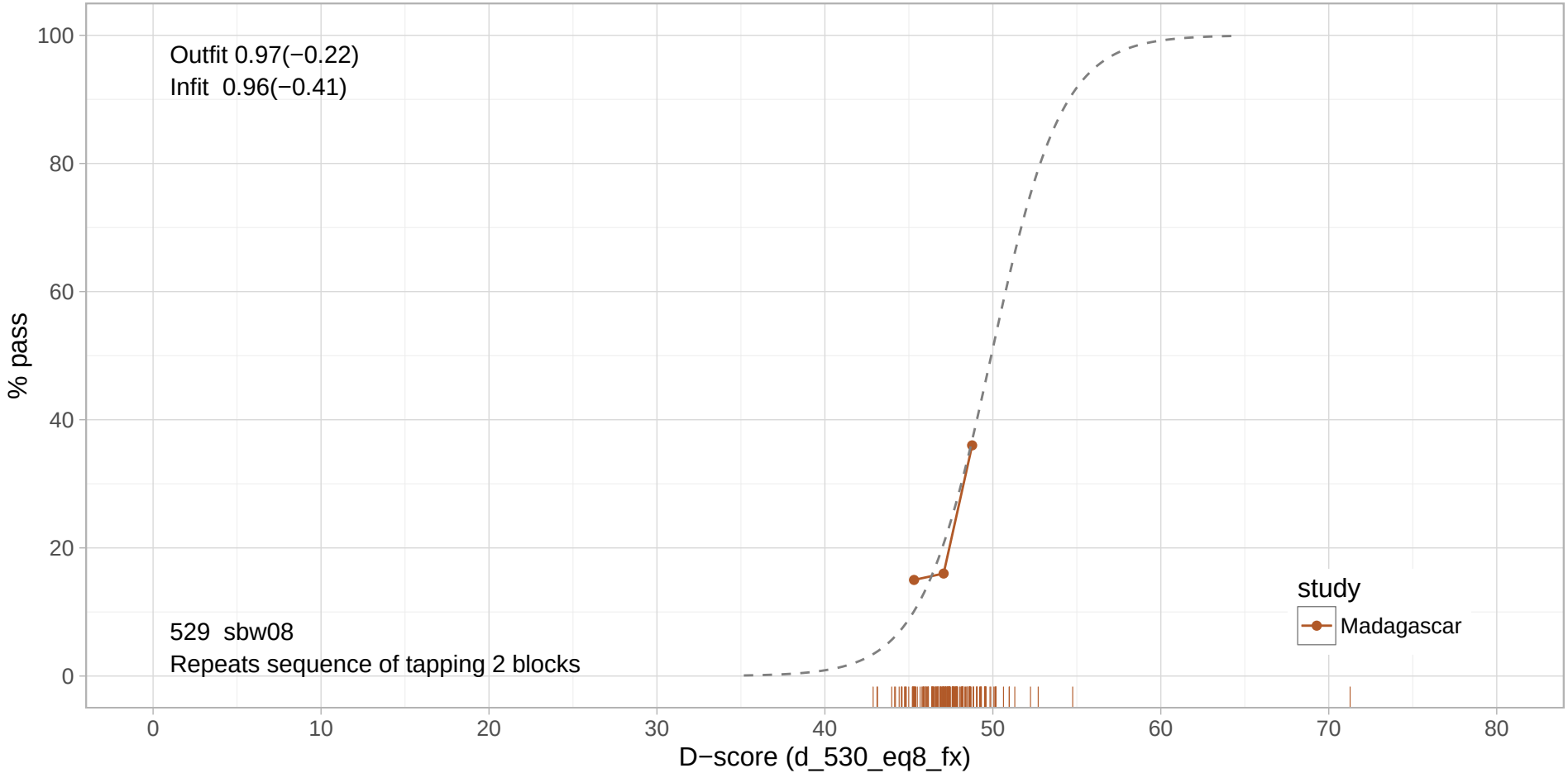

Outfit 0.92(−0.84)
Infit 0.96(−0.59)
524 sbv06
Places circle − 2 small triangles − square in 45 sec
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar

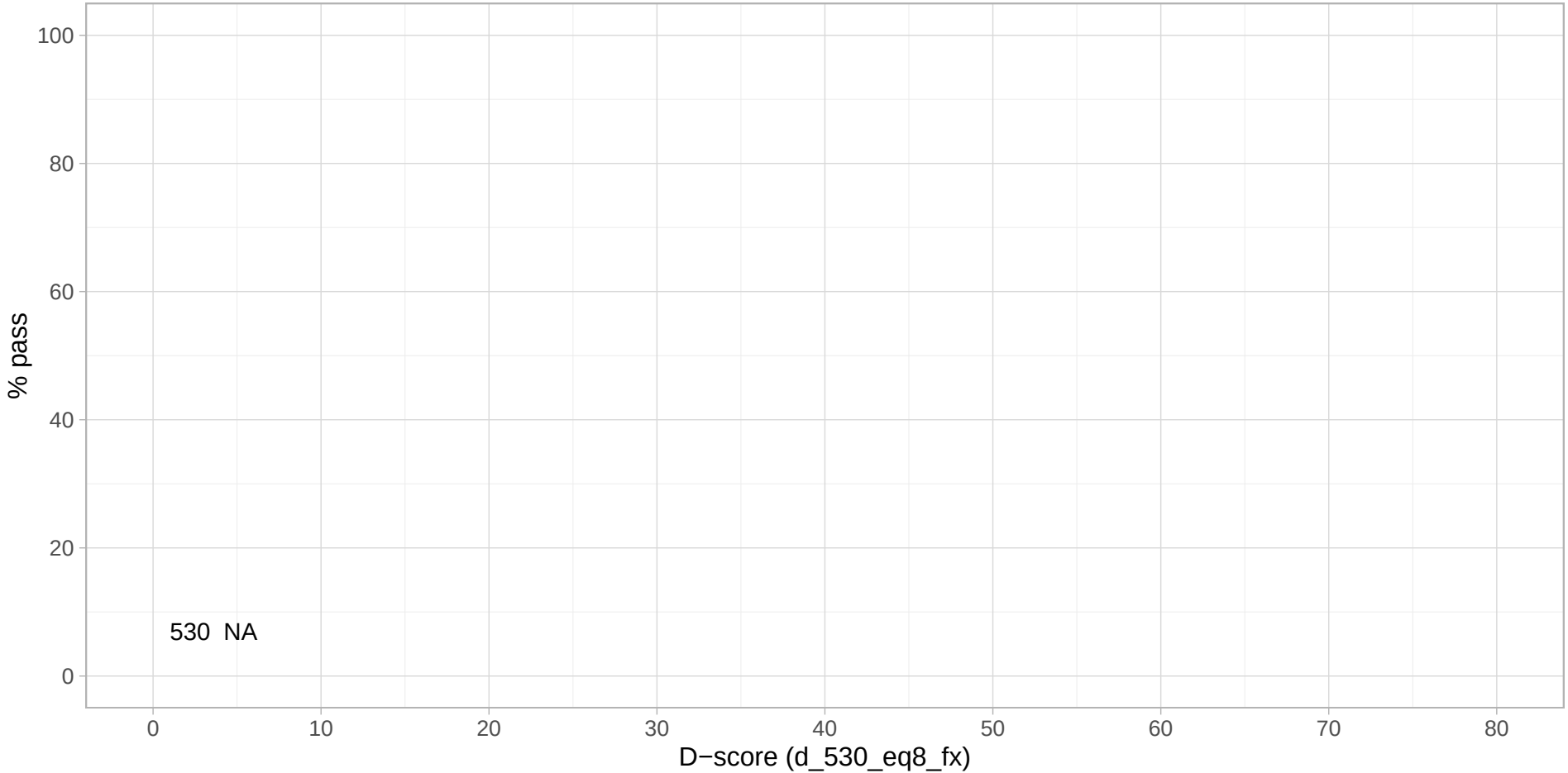

Outfit 1.91(2.88)
Infit 1.43(2.17)
525 sbw02
Finds car hidden under one of 2 swapped cups
study
Madagascar
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80


Outfit 1.69(2.1)
Infit 1.59(2.53)
526 sbw04
Finds car hidden under right side of 3 cups after cups hidden by a screen
study
Madagascar
% pass
D−score (d_530_eq8_fx)
0
20
40
60
80
100
0
10
20
30
40
50
60
70
80


Outfit 1.29(1.19)
Infit 1.4(2.23)
527 sbw05
Repeats tapping 1 block
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar


Outfit 1.36(1.44)
Infit 1.35(2)
528 sbw06
Repeats tapping 1 block
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar


Outfit 0.97(−0.22)
Infit 0.96(−0.41)
529 sbw08
Repeats sequence of tapping 2 blocks
% pass
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)
study
Madagascar


100
80
60
40
20
0
% pass
530 NA
0
10
20
30
40
50
60
70
80
D−score (d_530_eq8_fx)