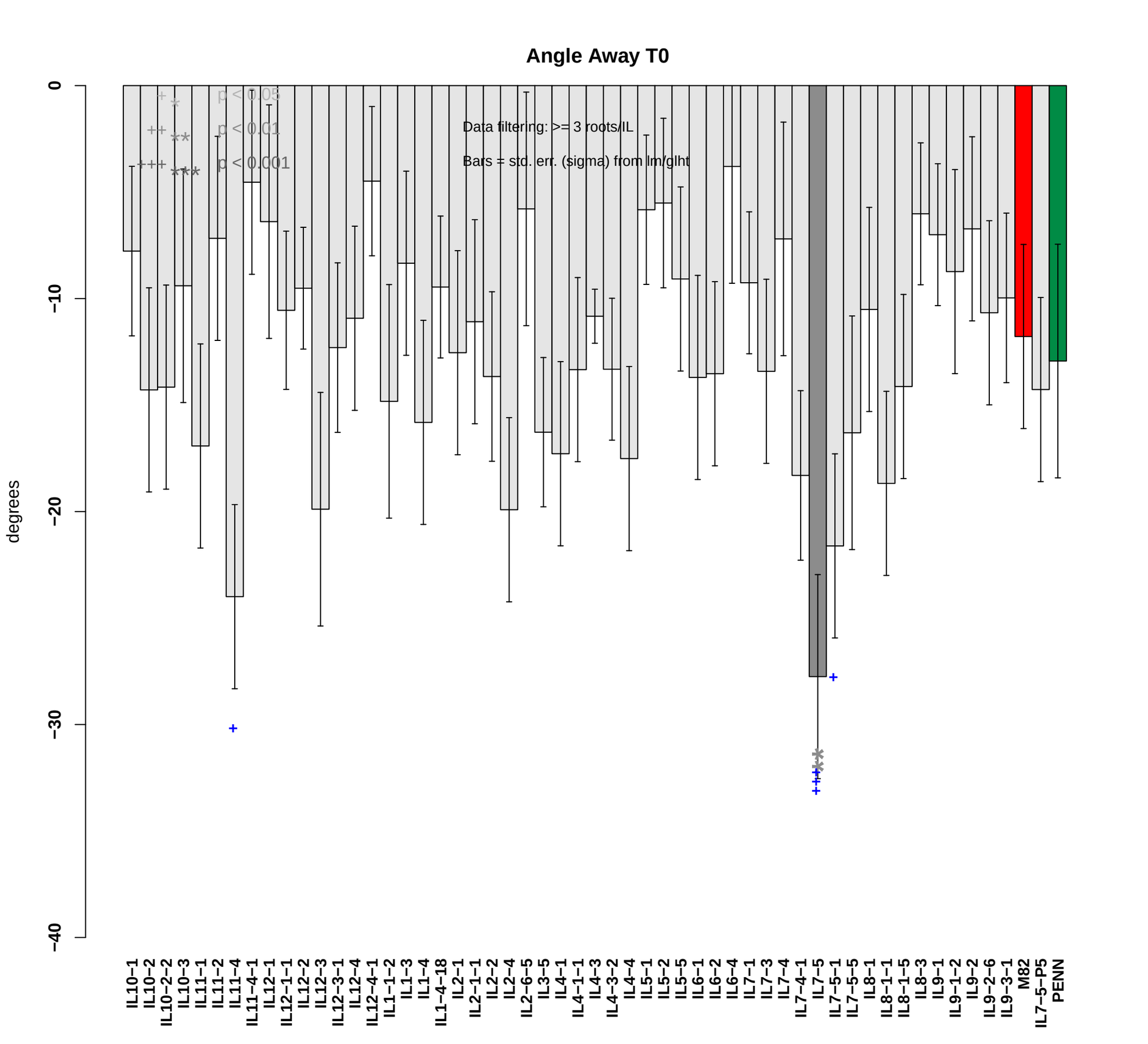
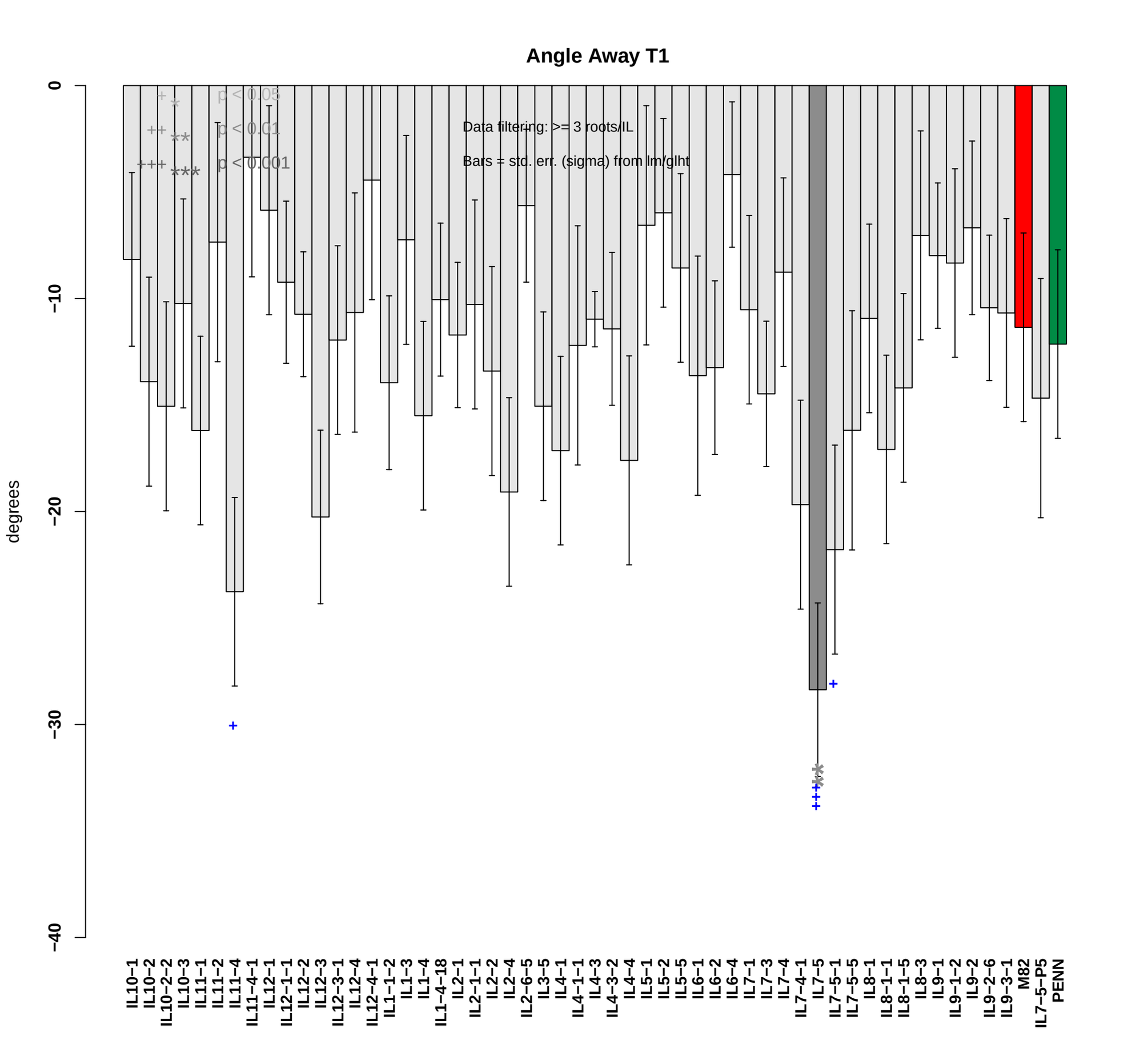
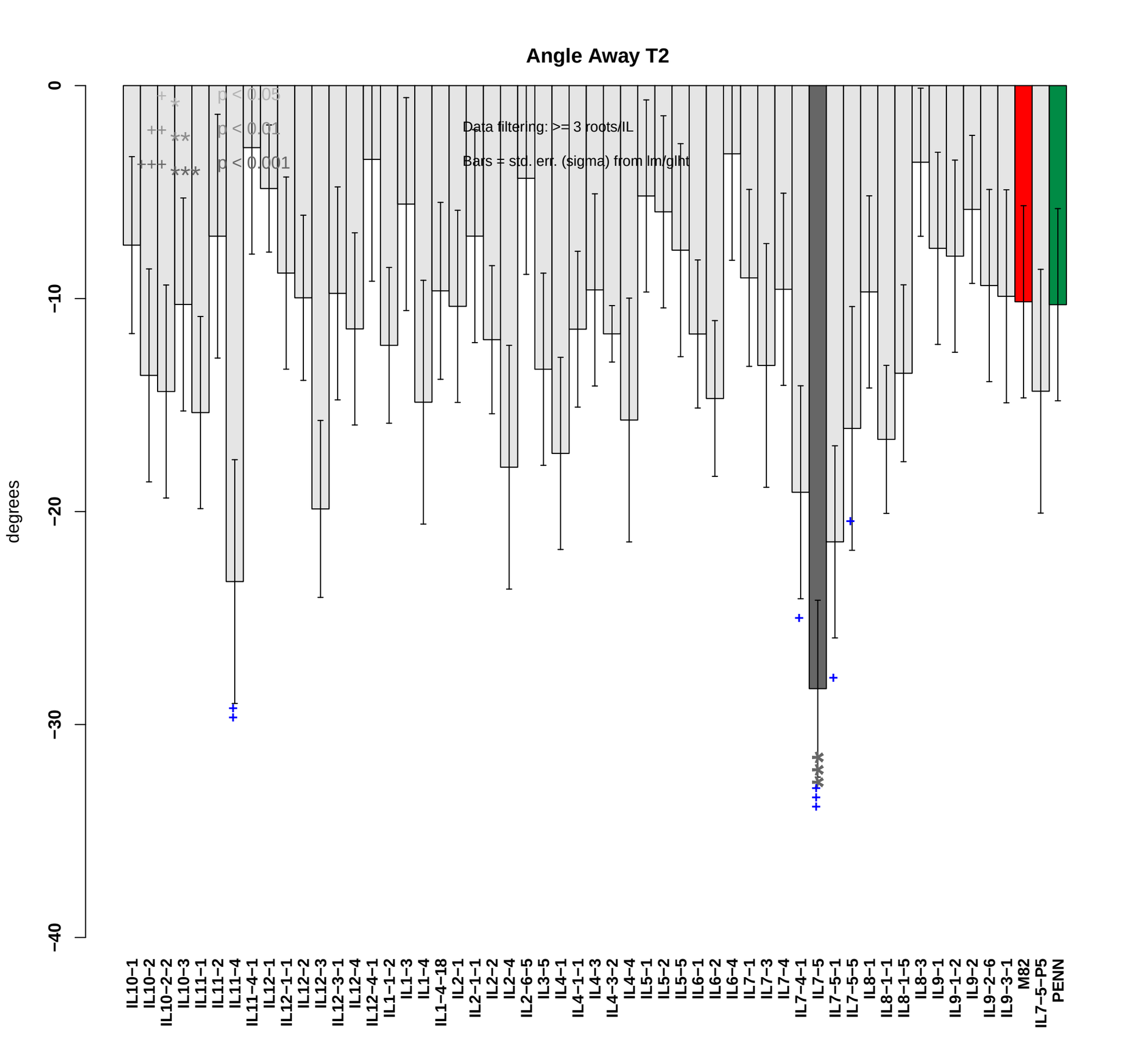
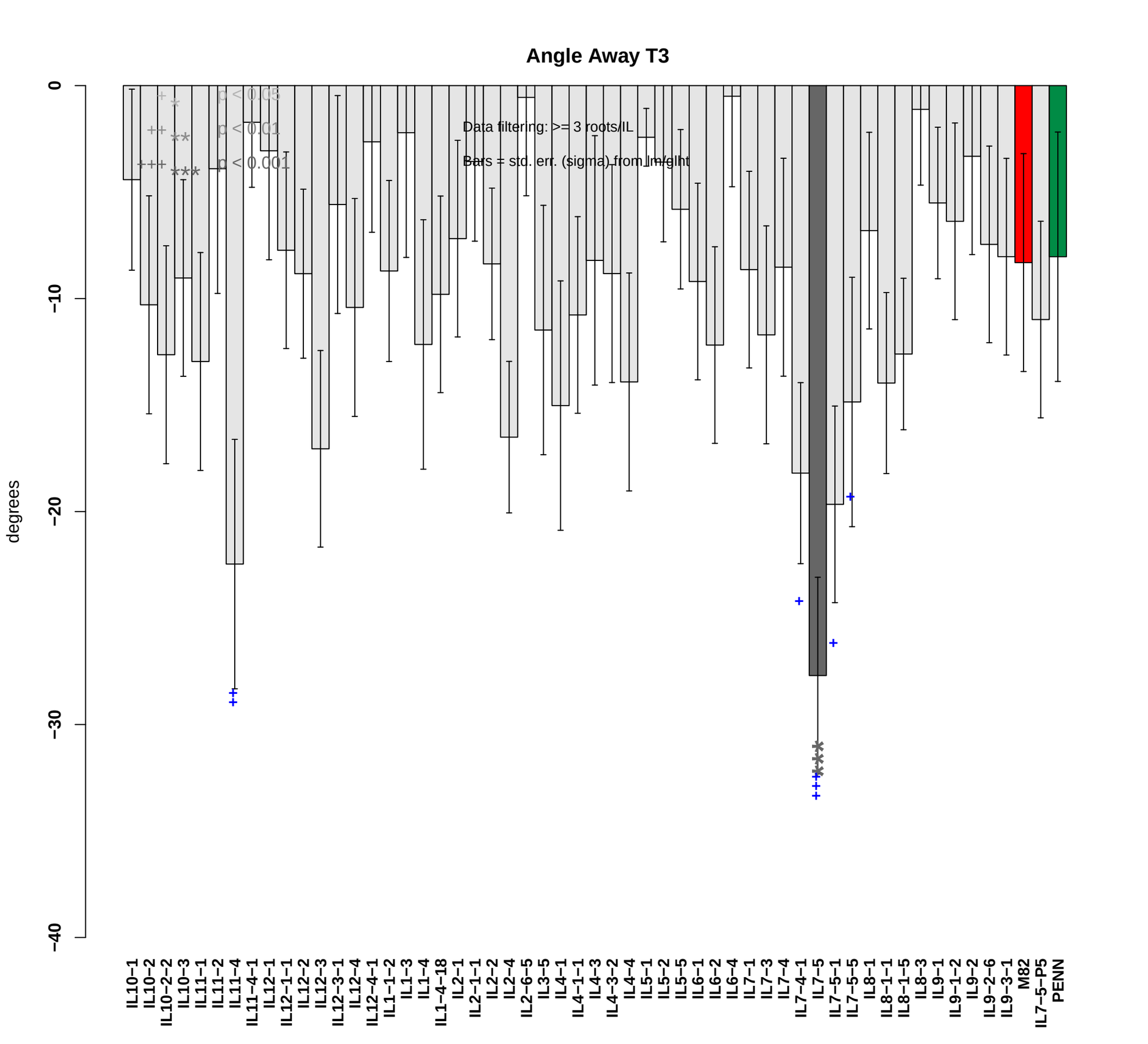
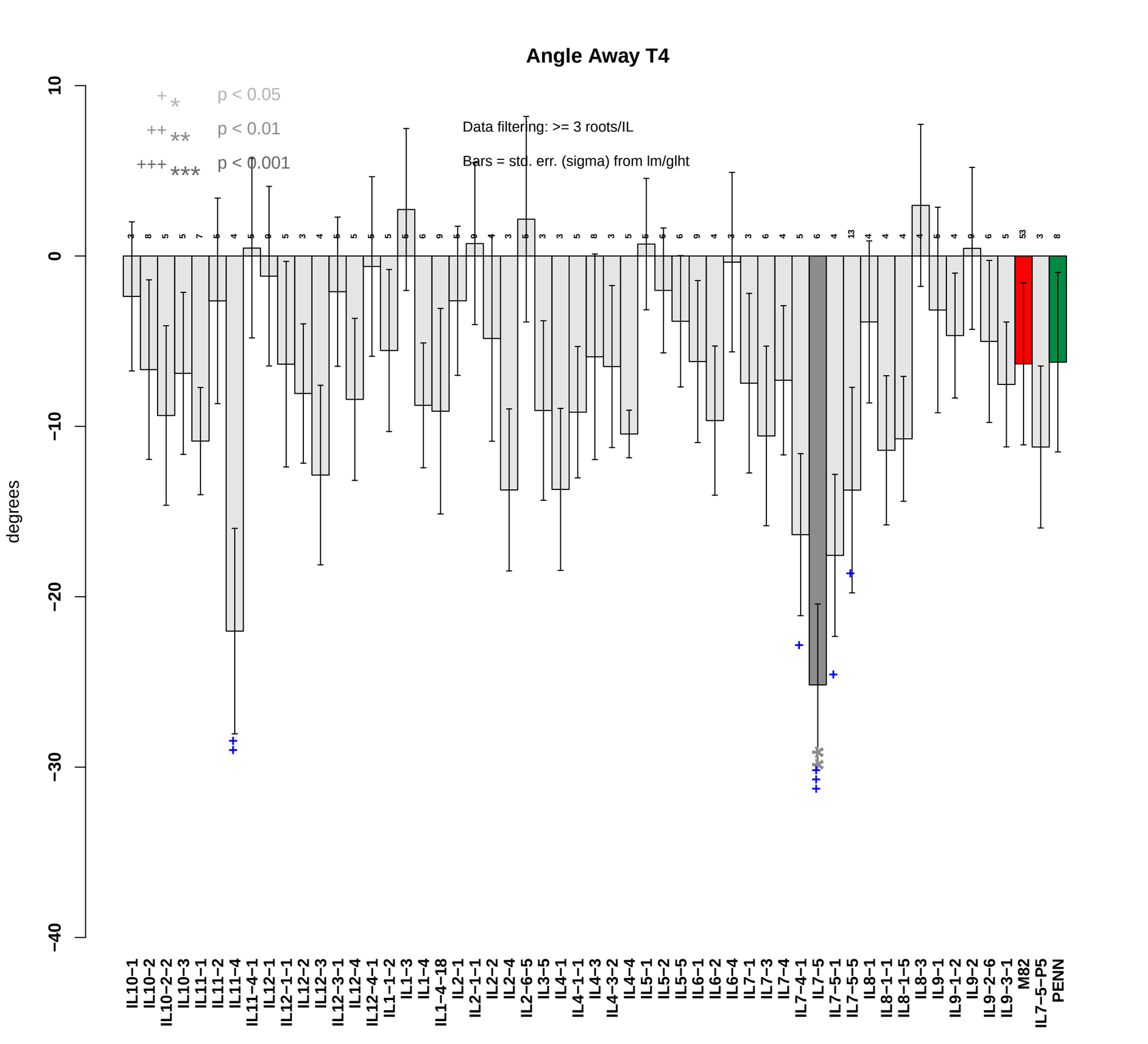
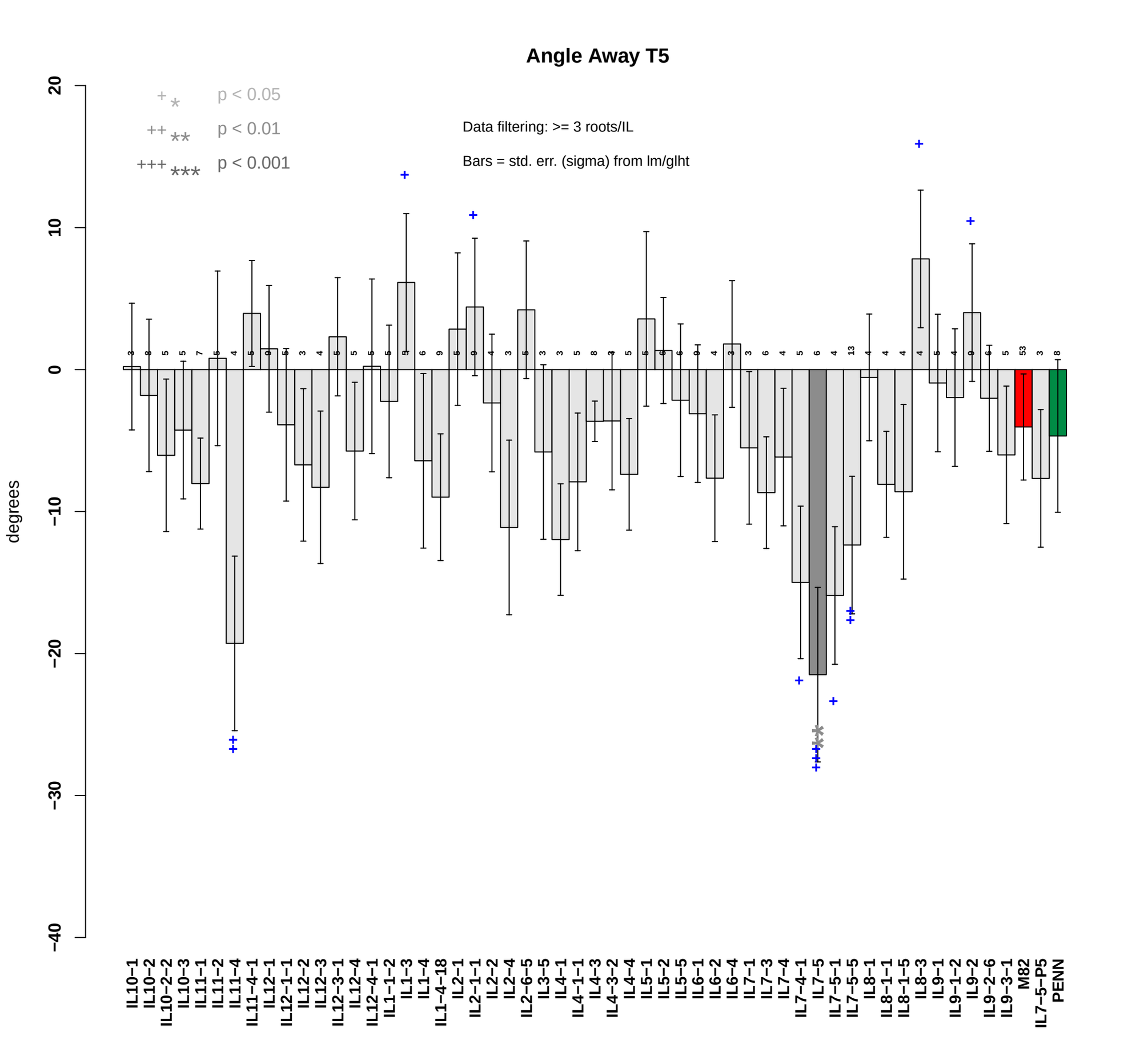

Angle Away T0
degrees
0
−10
−20
−30
−40
+ *
++ **
+++ ***
p < 0.05
p < 0.01
p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

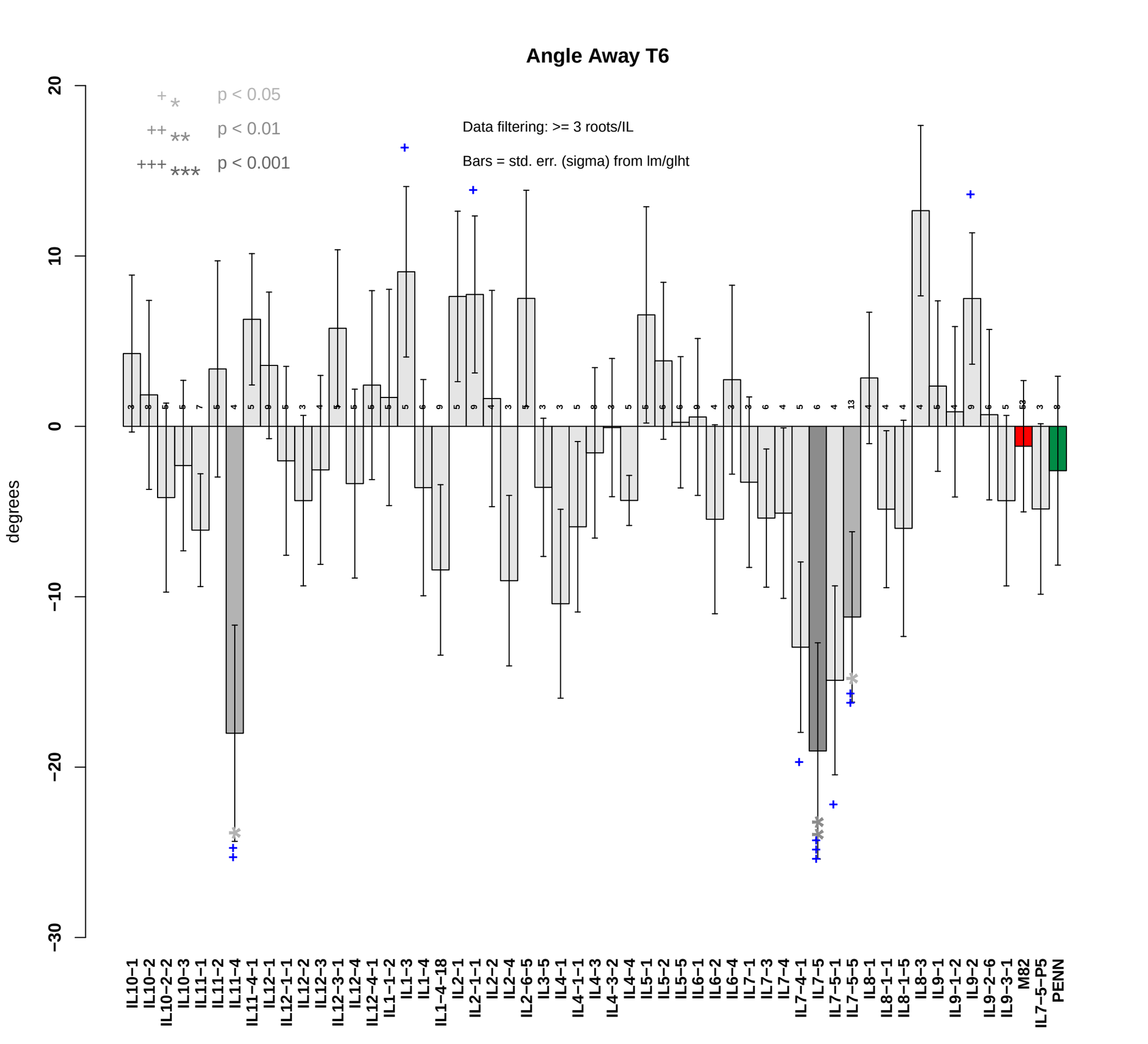

Angle Away T1
0
−10
−20
−30
−40
degrees
+ *
++ **
+++ ***
p < 0.05
p < 0.01
p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

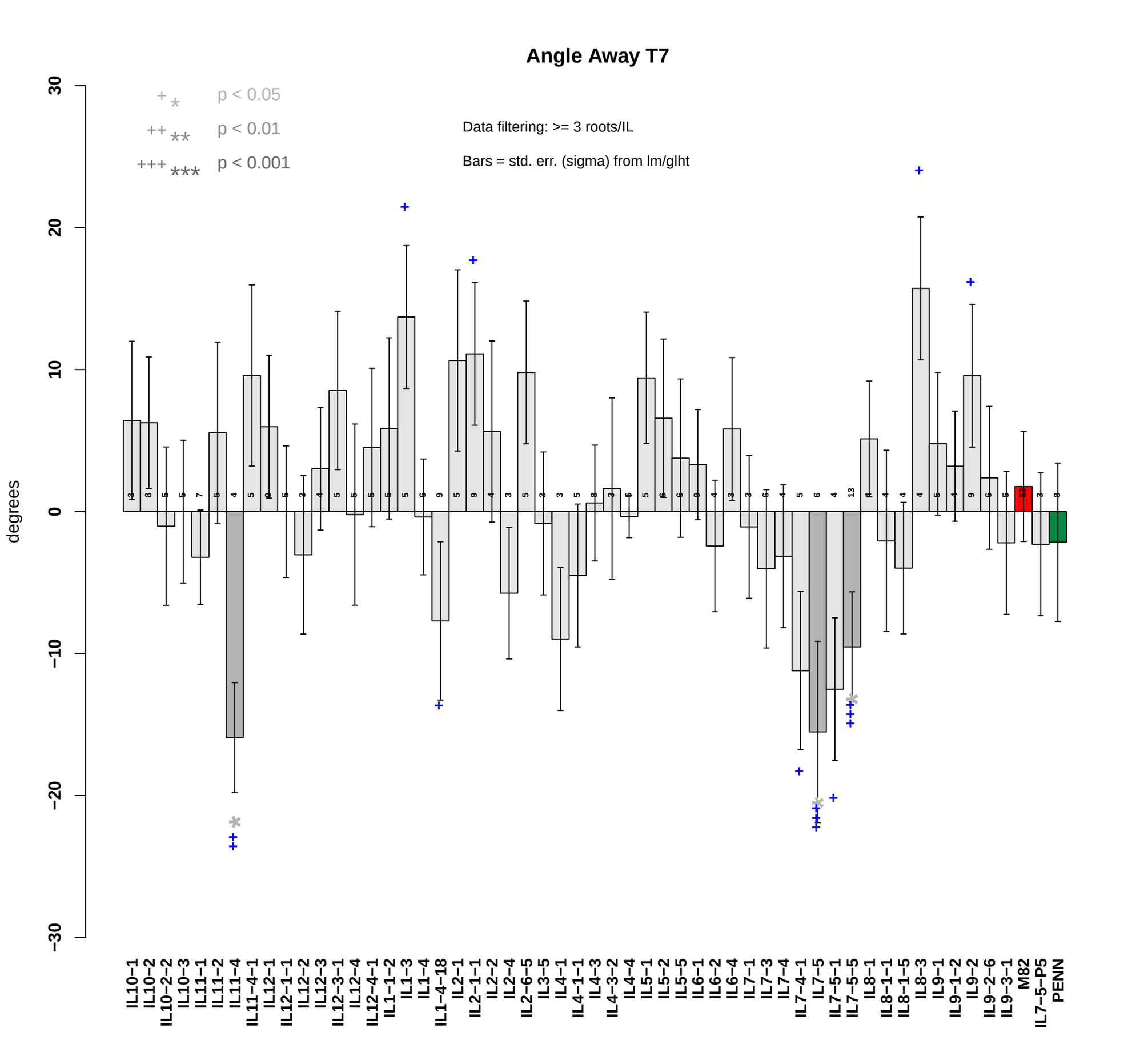

Angle Away T2
degrees
0
−10
−20
−30
−40
p < 0.05
p < 0.01
p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

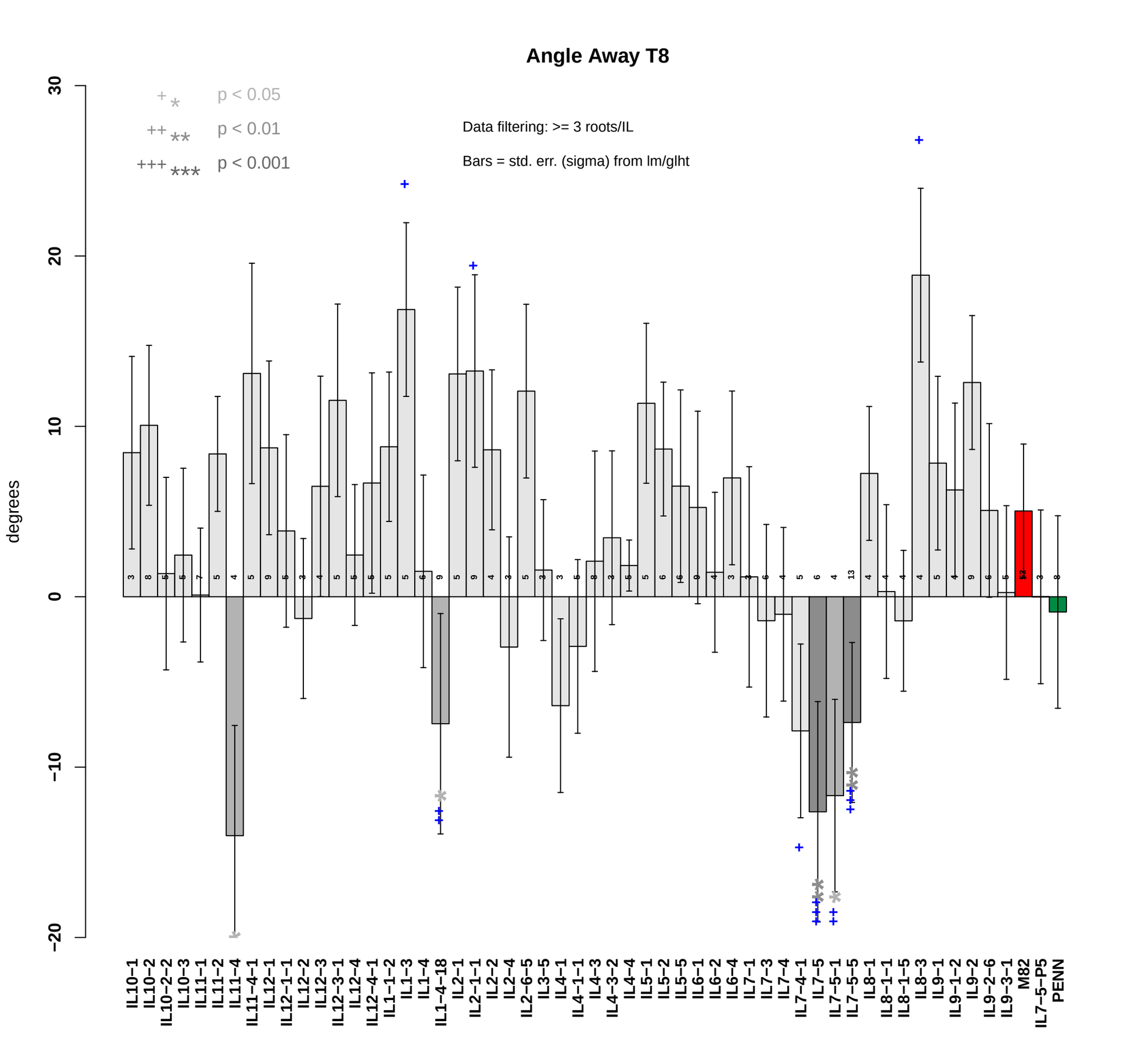

Angle Away T3
degrees
0
−10
−20
−30
−40
+ *
++ **
+++ ***
p < 0.05
p < 0.01
p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

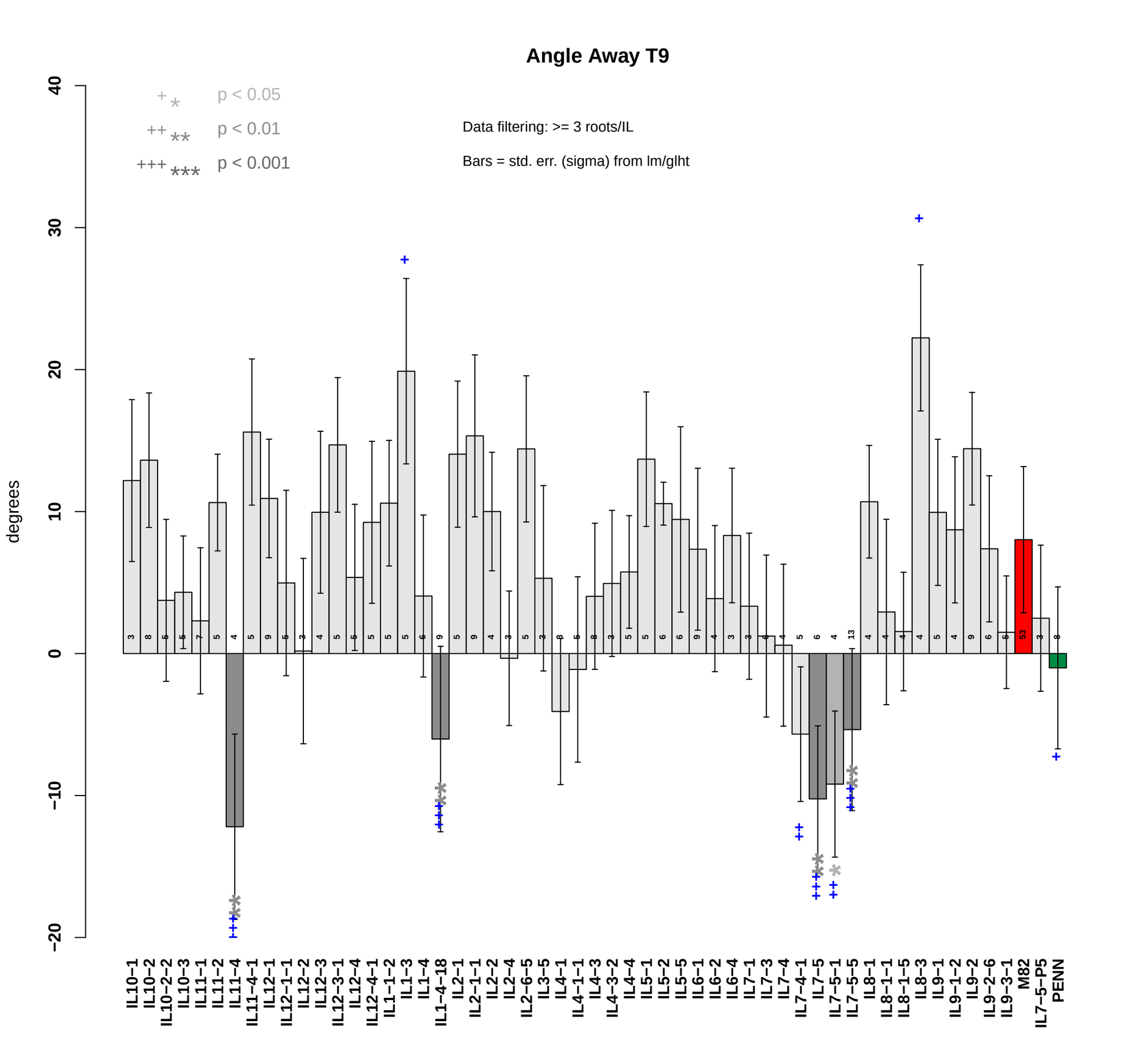

Angle Away T4
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
10
0
−10
−20
−30
−40
3 8 5 5 7 5 4 5 0 5 3 4 5 5 5 5 5 6 9 5 0 4 3 5 3 3 5 8 3 5 5 6 6 9 4 3 3 6 4 5 6 4 13 4 4 4 4 5 4 0 6 5 53 3 8
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

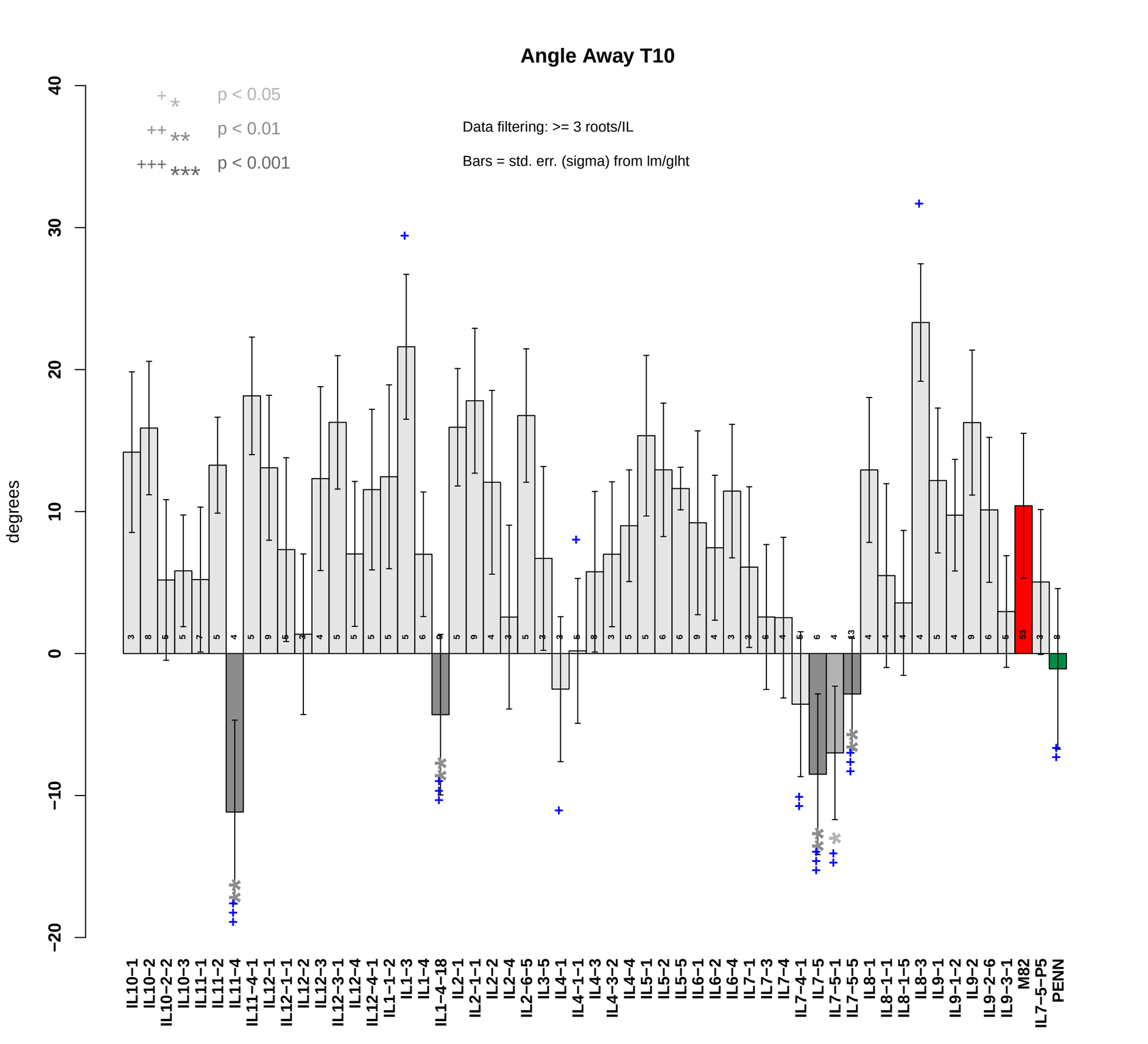

Angle Away T5
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
20
10
0
−10
−20
−30
−40
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

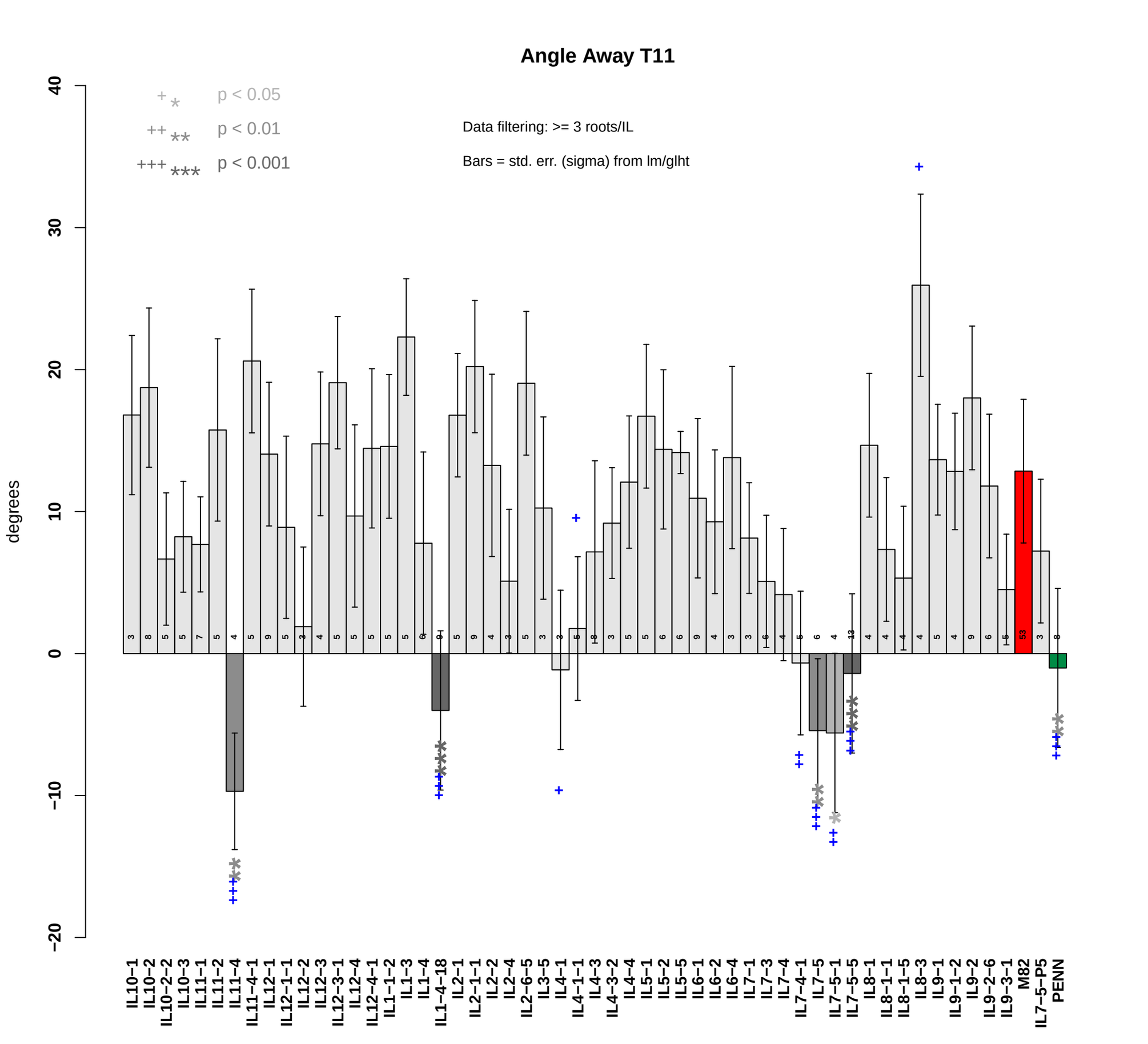

Angle Away T6
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
20
10
0
−10
−20
−30
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

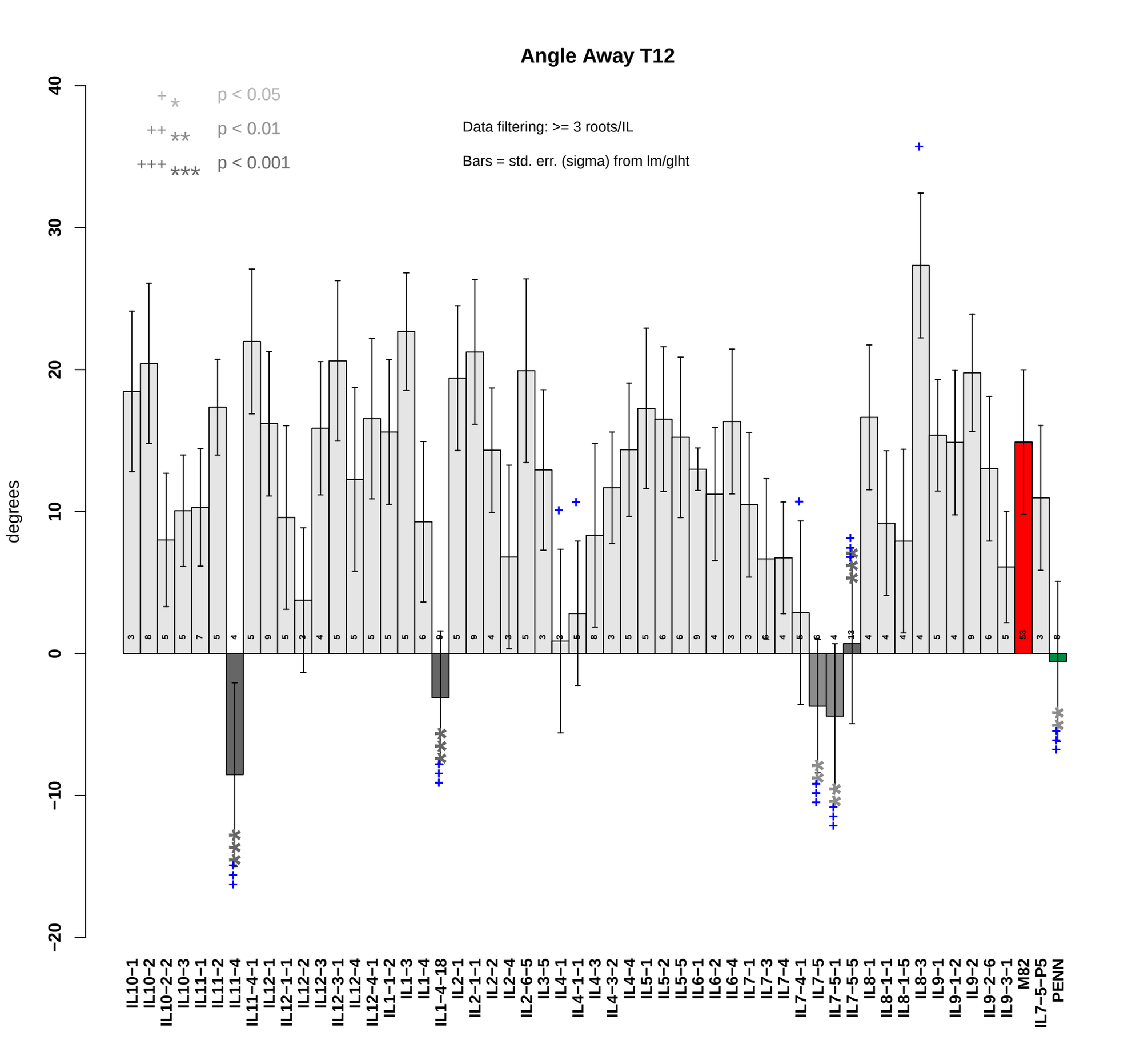

Angle Away T7
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
30
20
10
0
−10
−20
−30
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

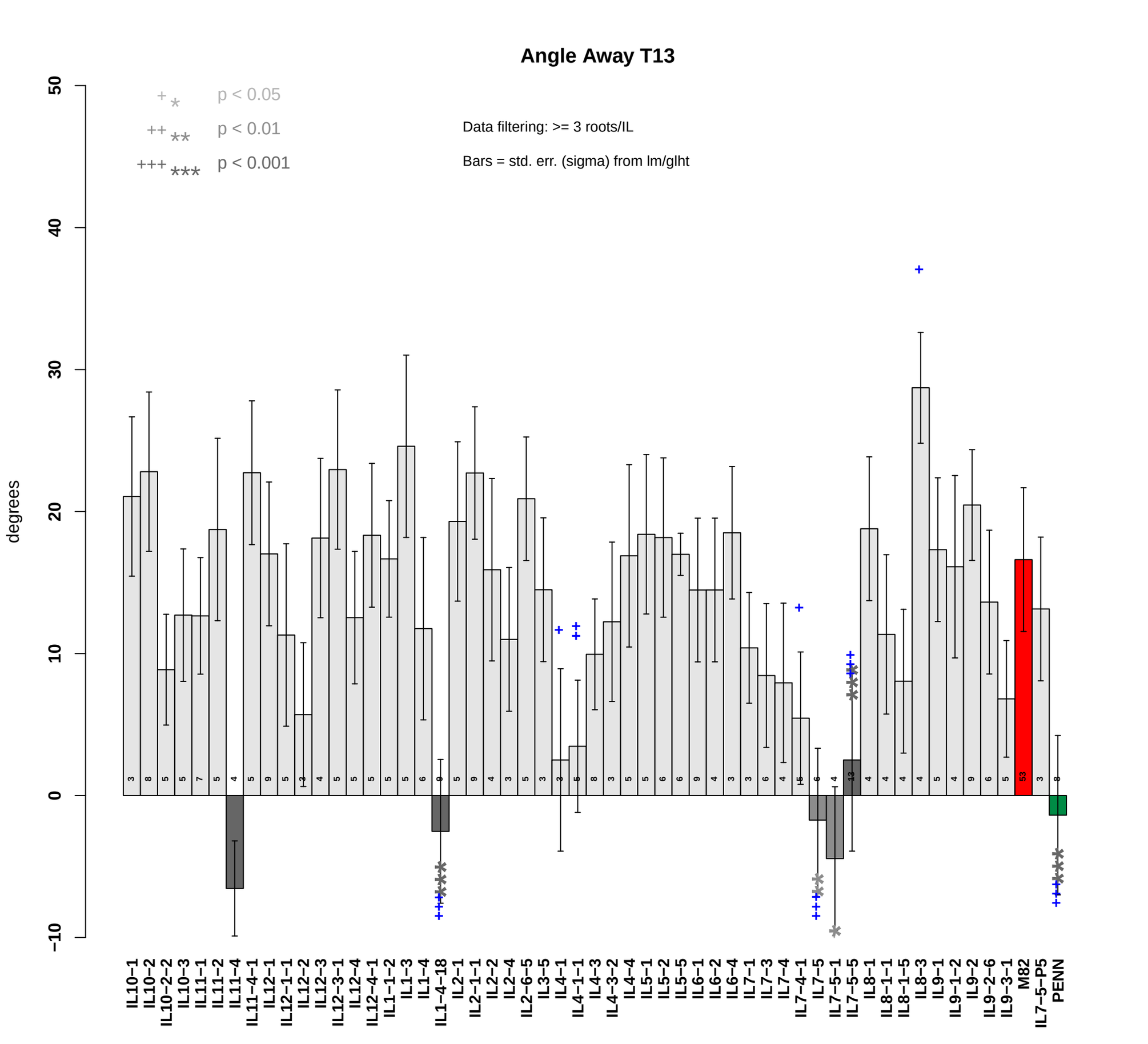

Angle Away T8
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
30
20
10
0
−10
−20
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

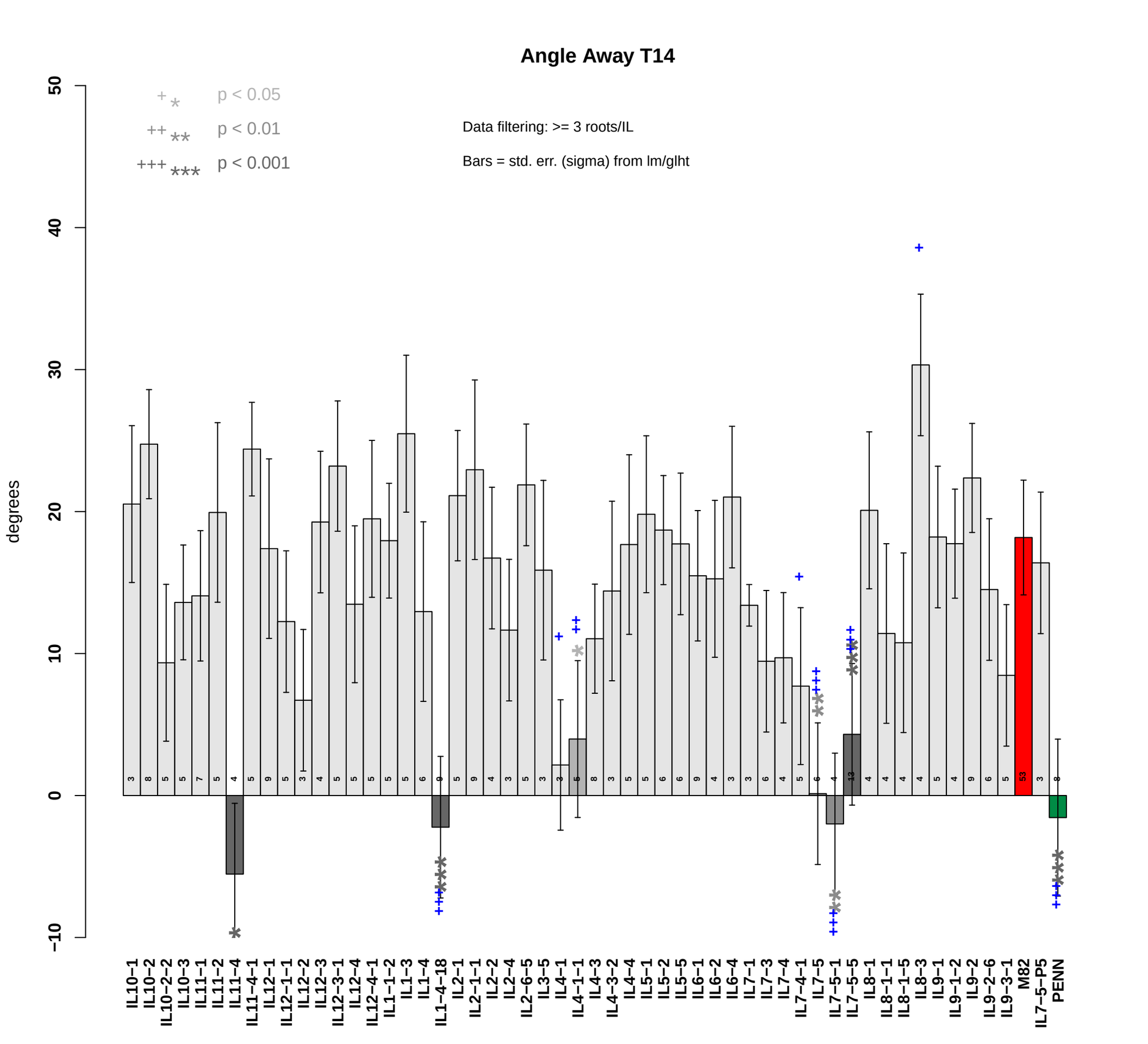

Angle Away T9
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
40
30
20
10
0
−10
−20
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

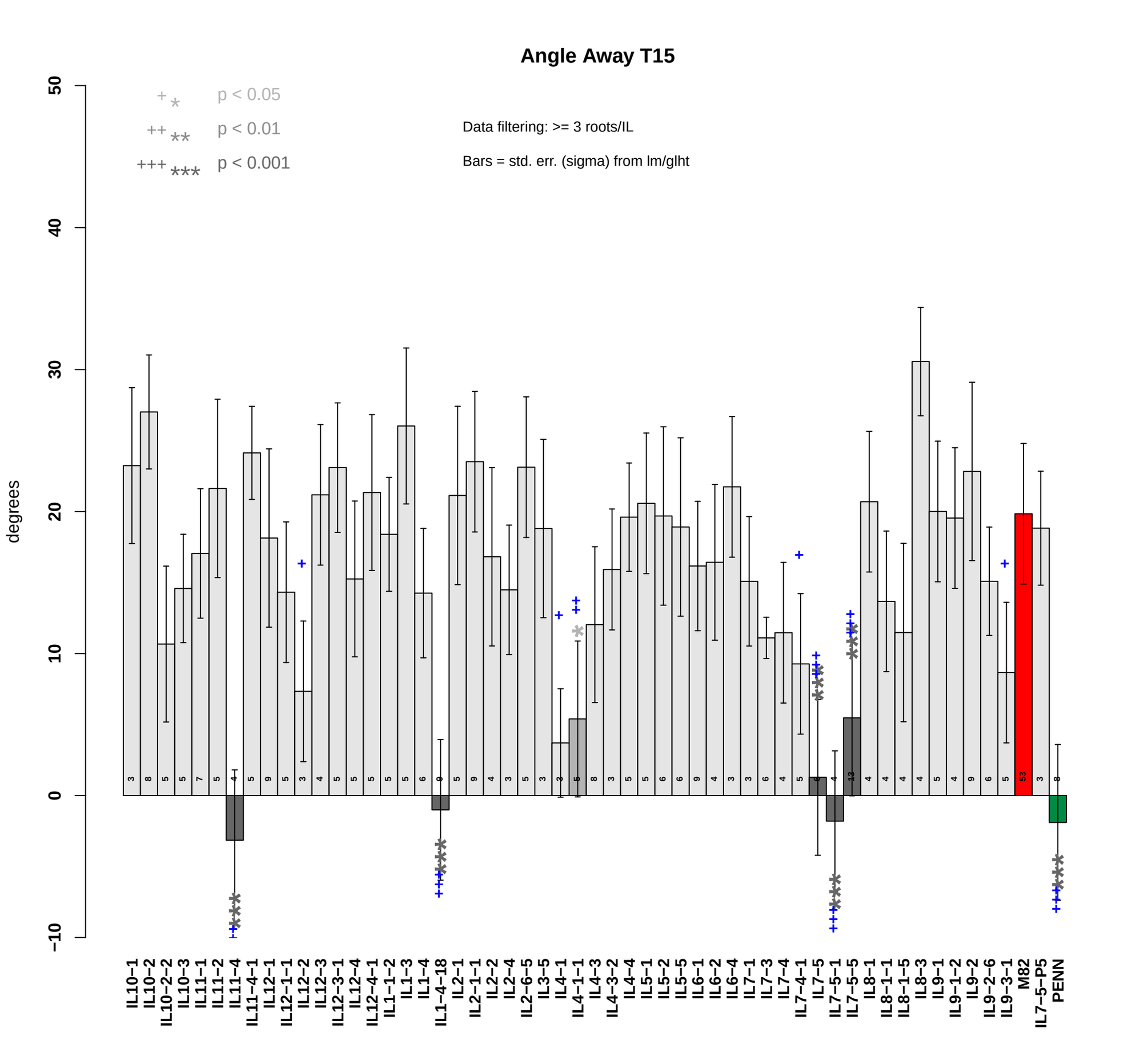

Angle Away T10
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
40
30
20
10
0
−10
−20
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

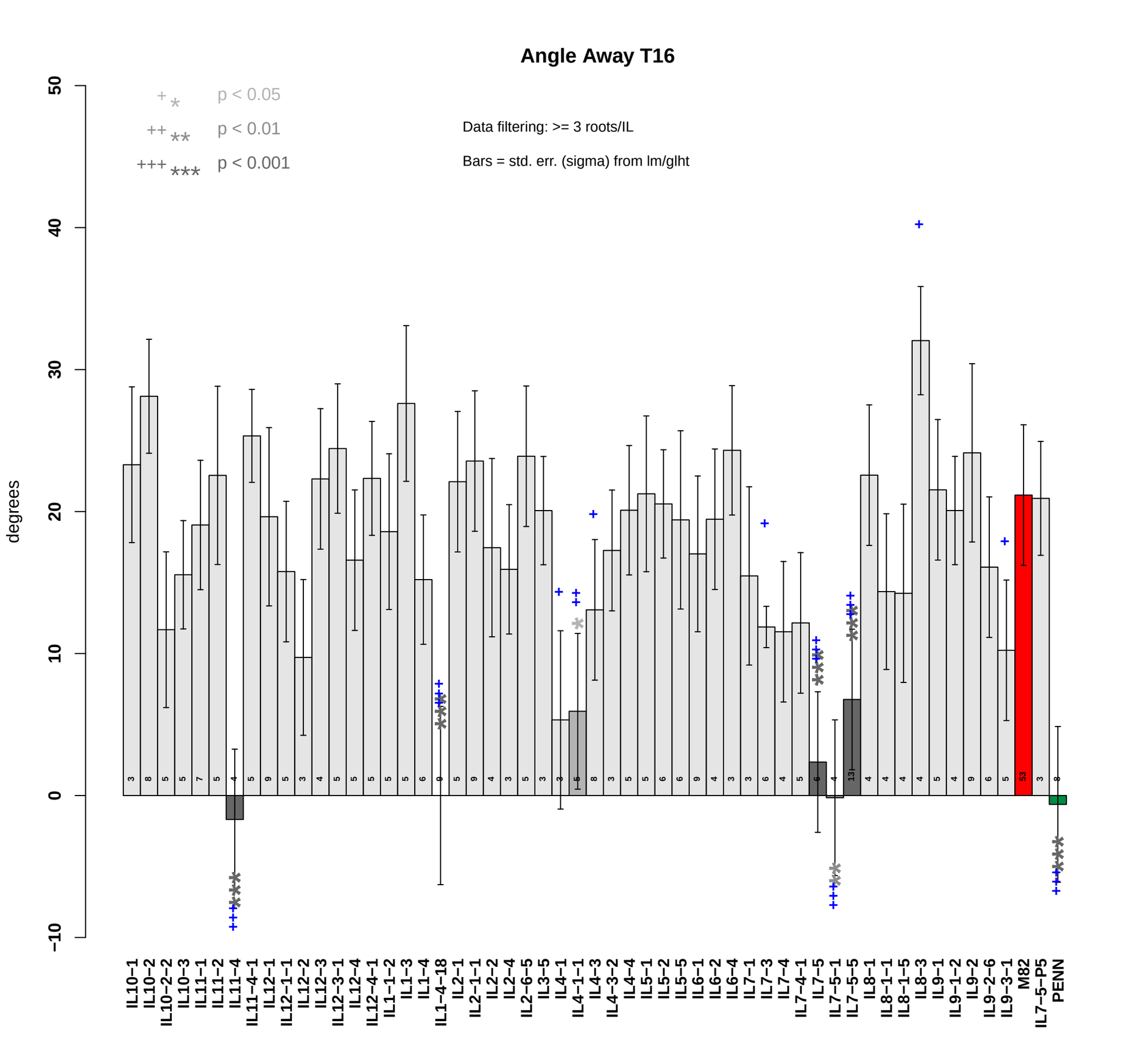

Angle Away T11
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
40
30
20
10
0
−10
−20
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

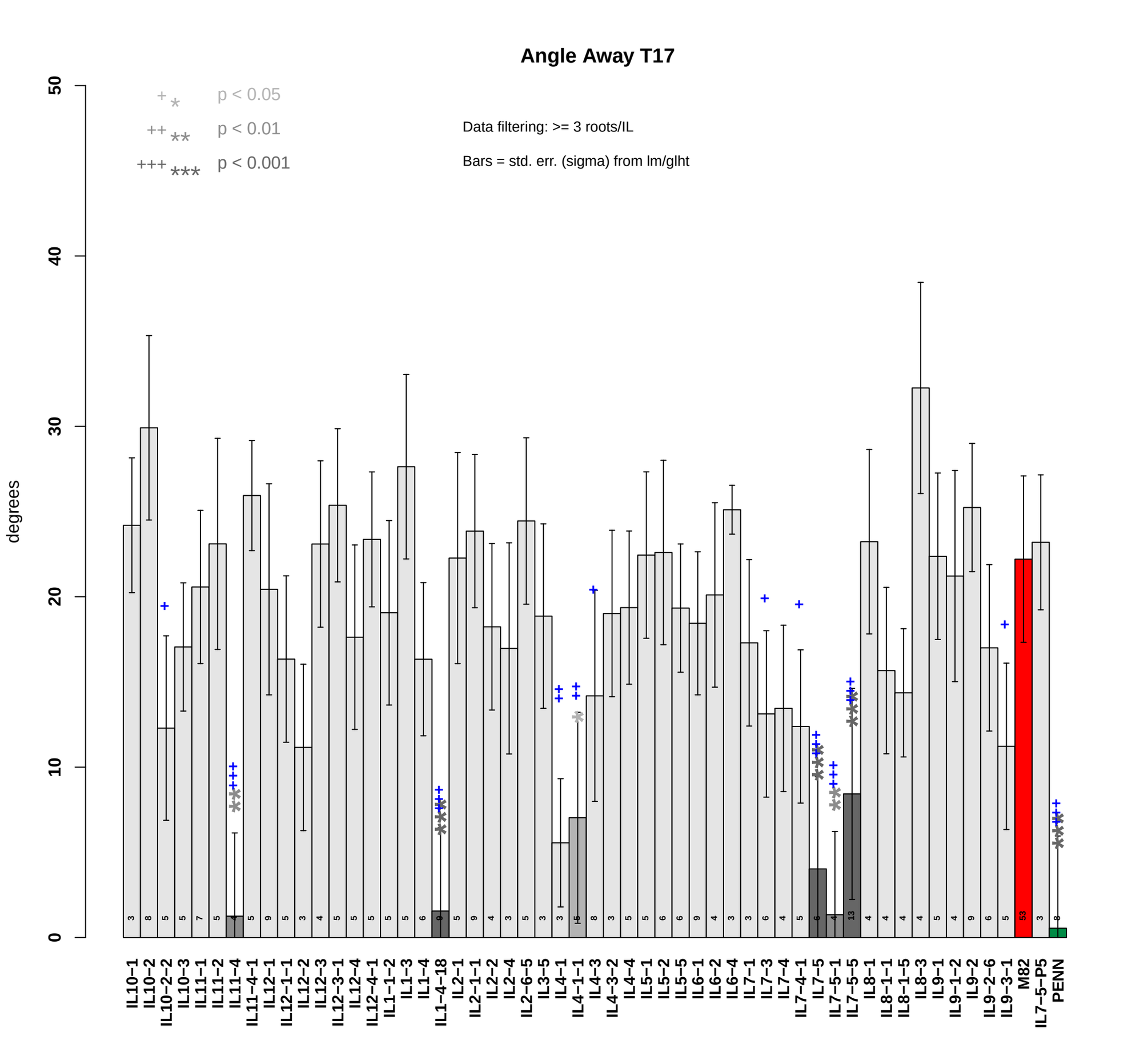

Angle Away T12
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
40
30
20
10
0
−10
−20
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

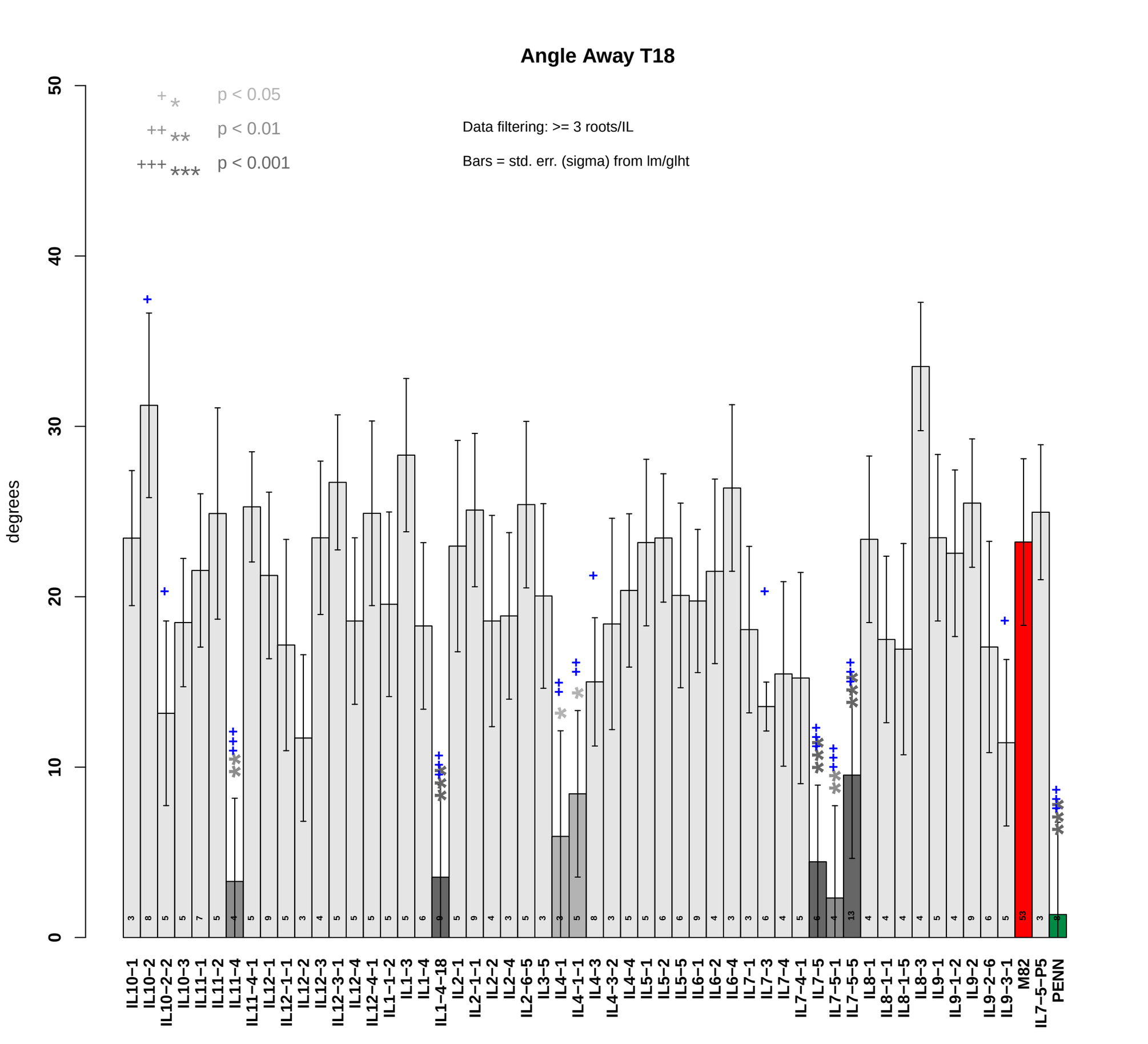

Angle Away T13
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
50
40
30
20
10
0
−10
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

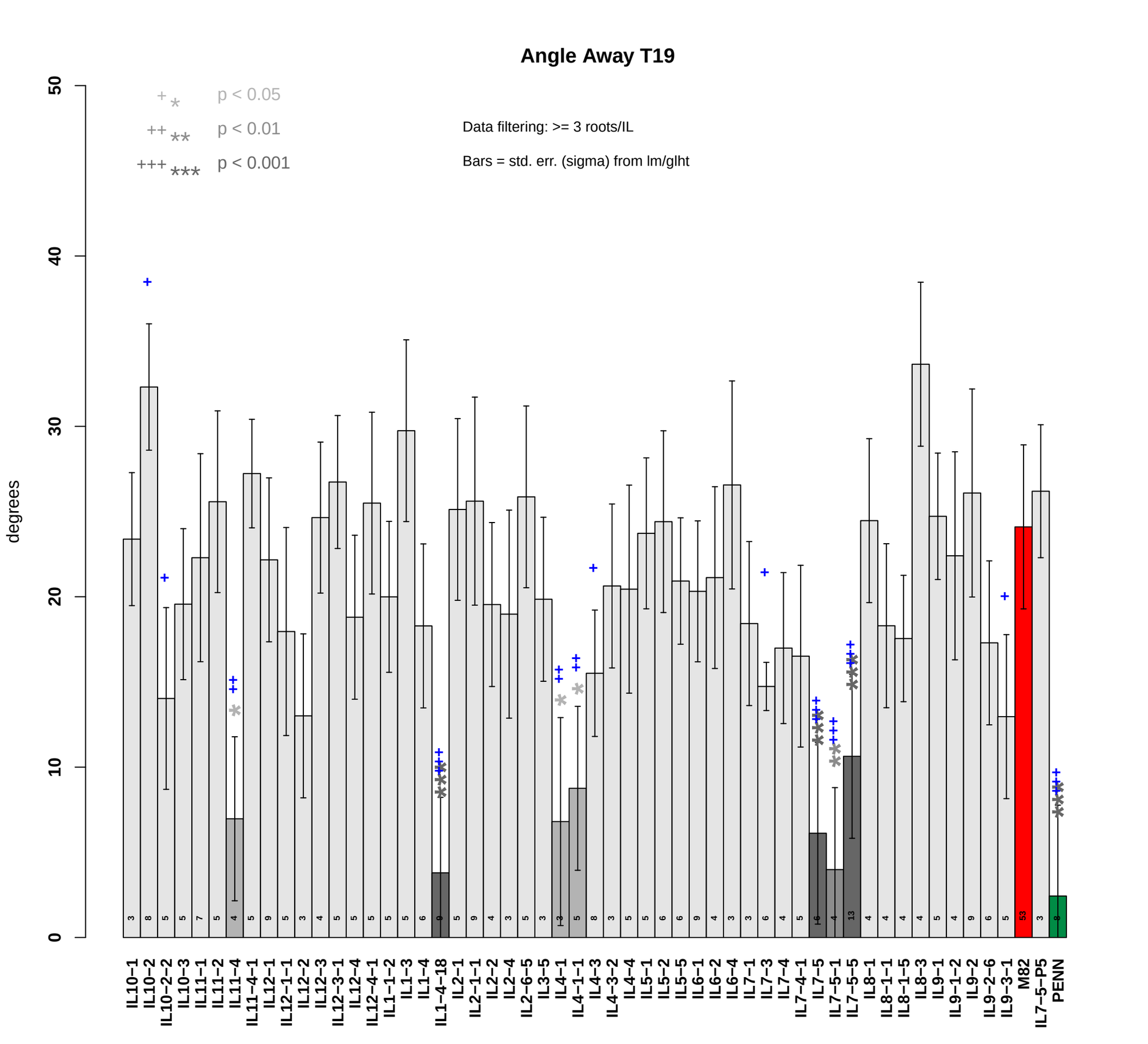

Angle Away T14
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
50
40
30
20
10
0
−10
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

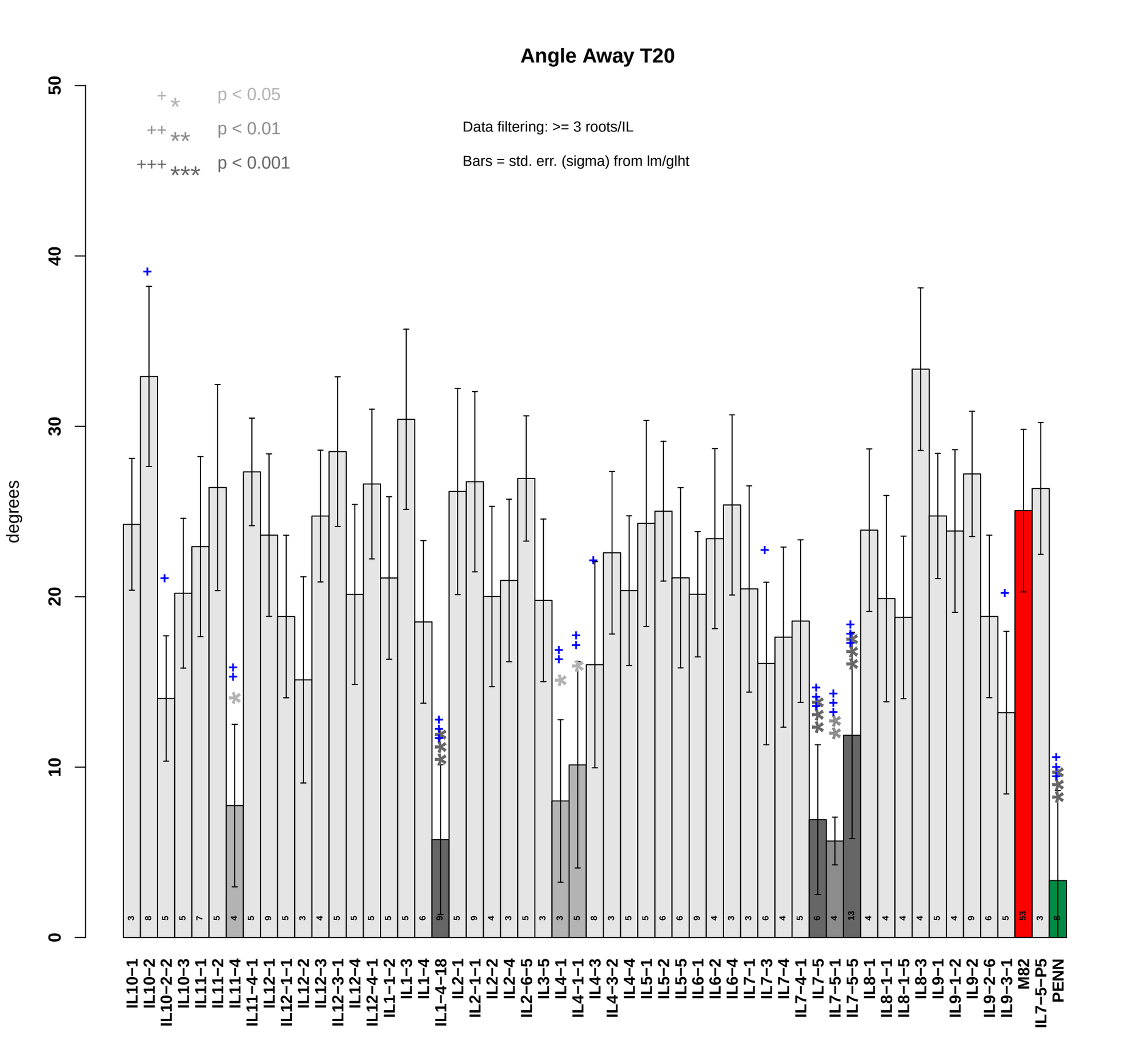

Angle Away T15
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
50
40
30
20
10
0
−10
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

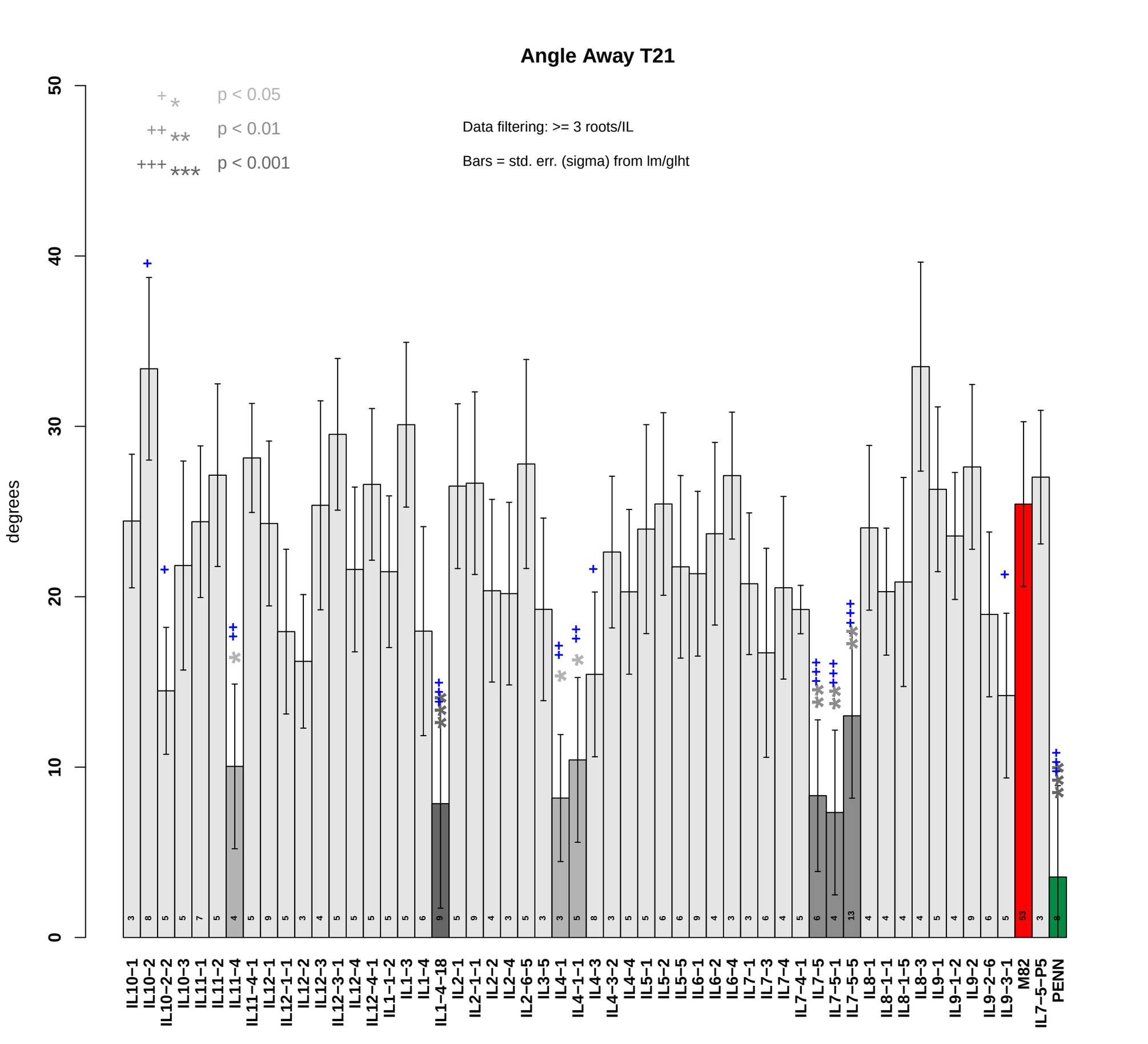

Angle Away T16
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
50
40
30
20
10
0
−10
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

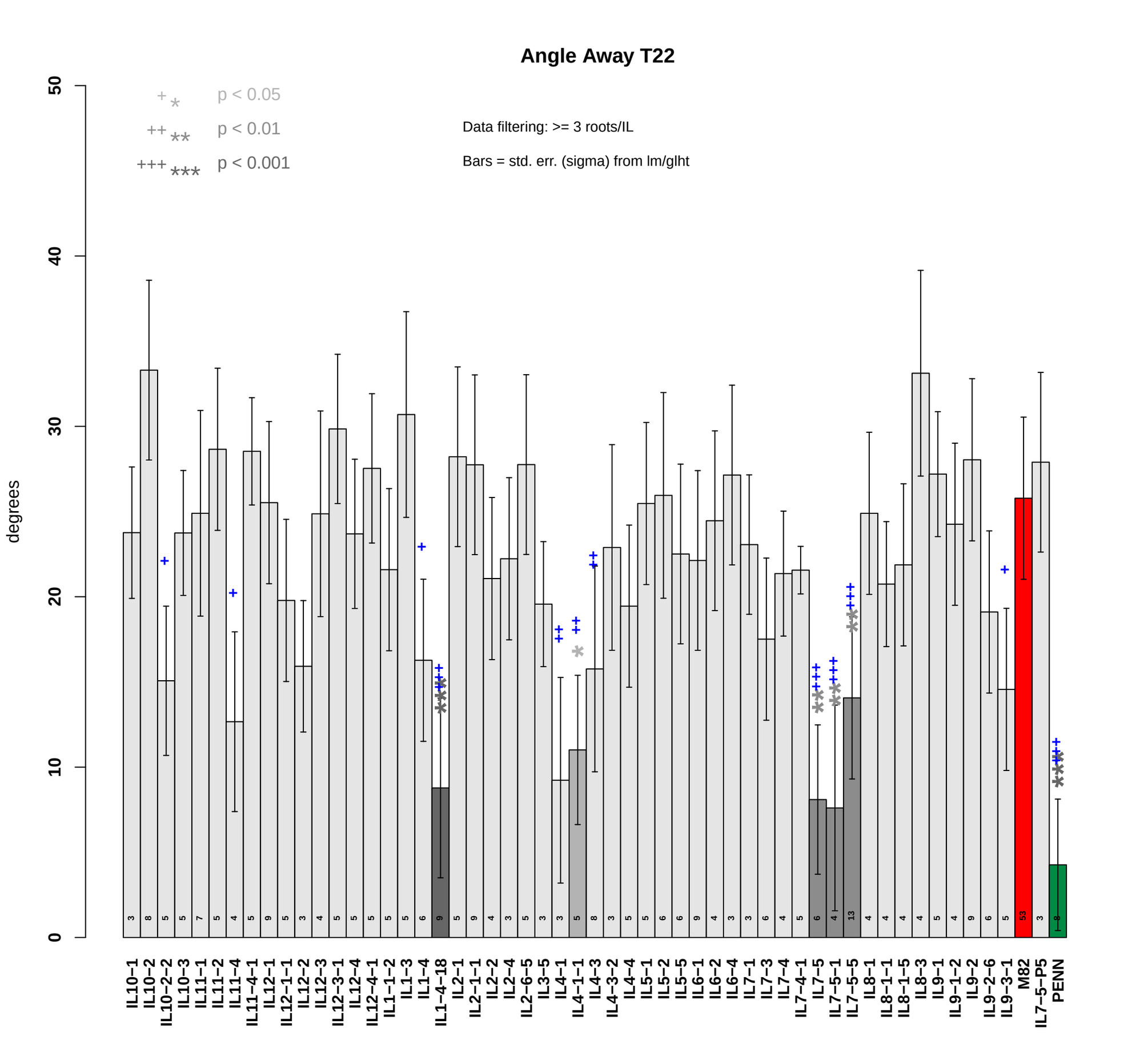

Angle Away T17
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

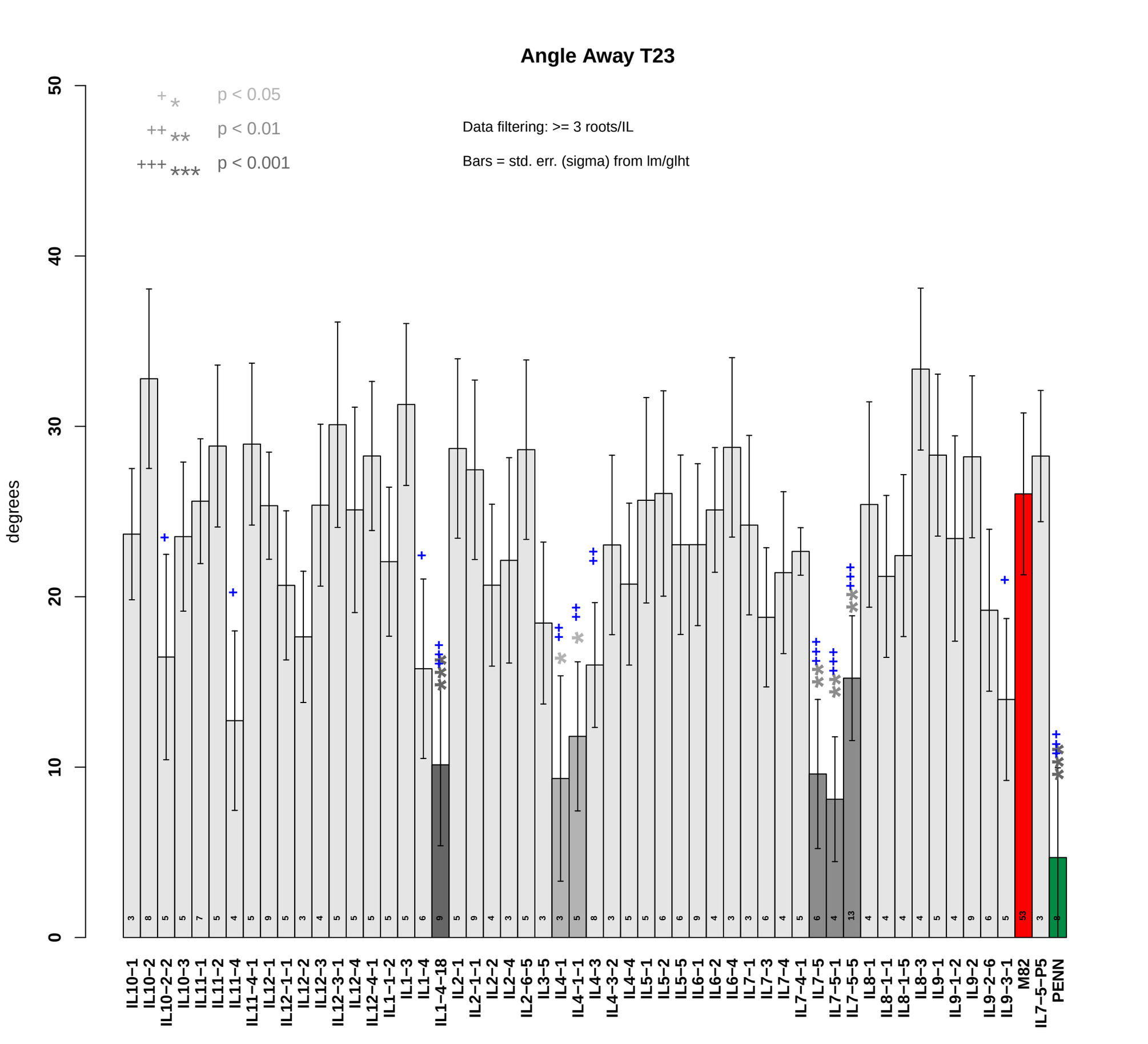

Angle Away T18
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

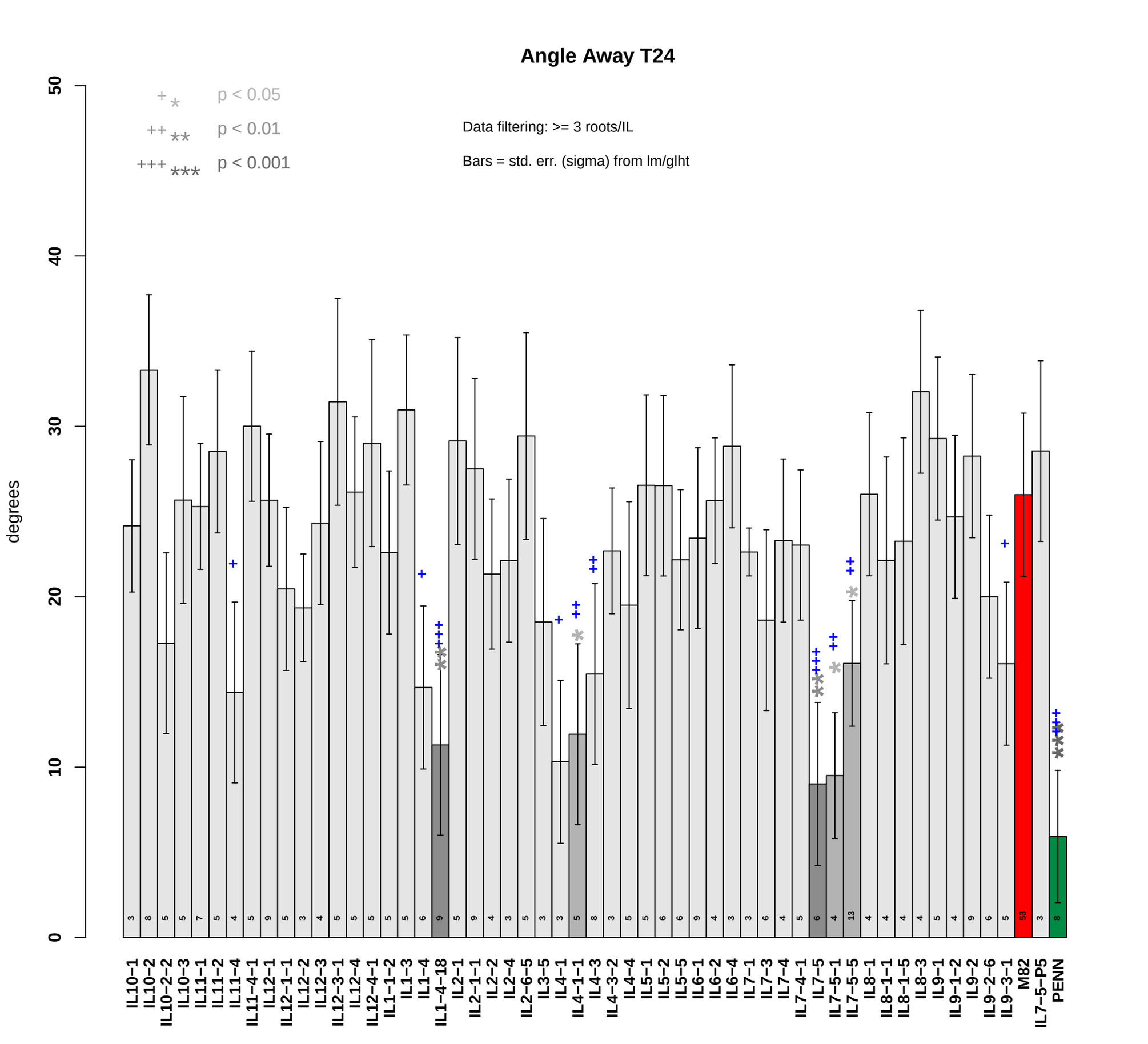

Angle Away T19
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

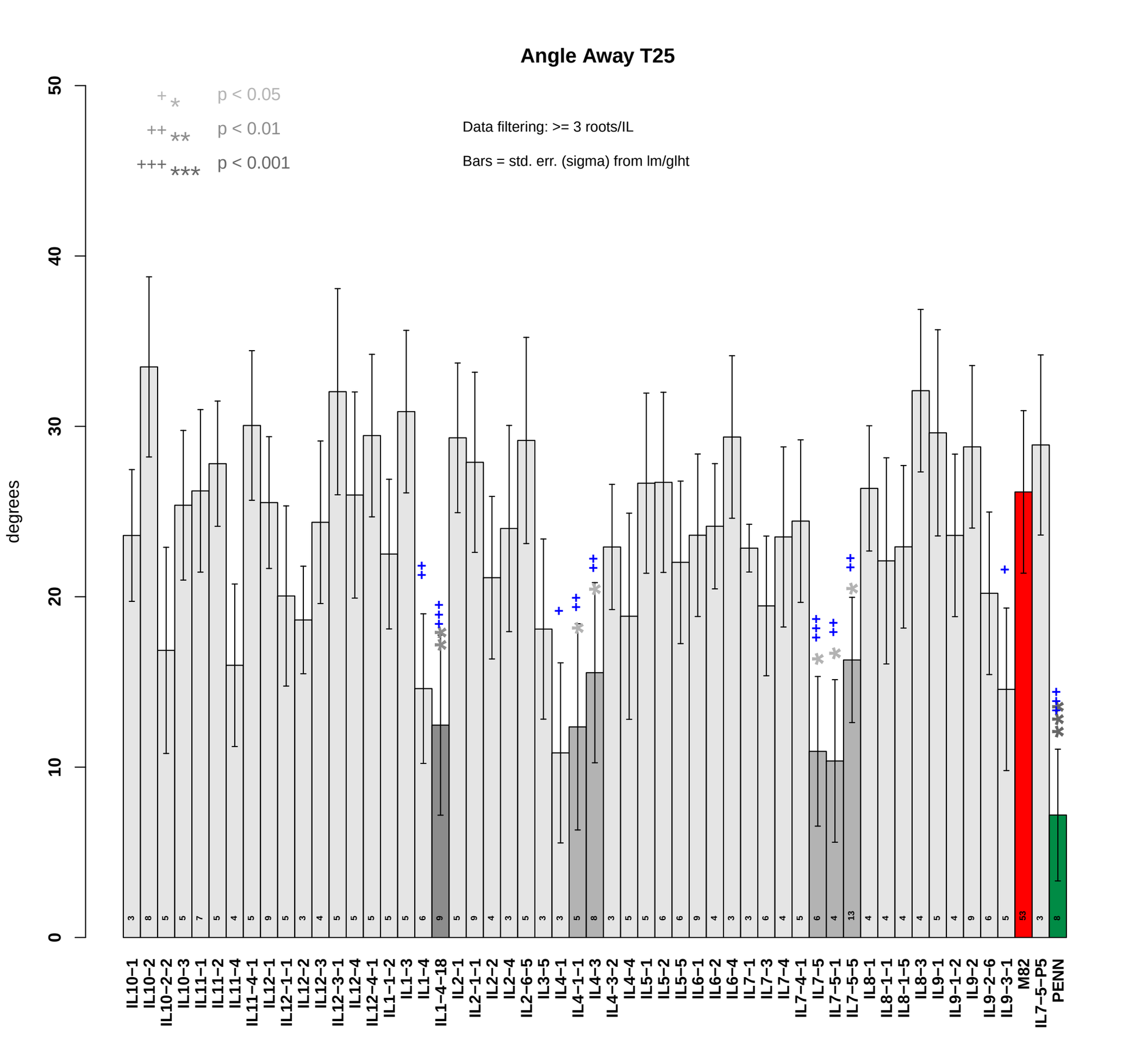

Angle Away T20
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

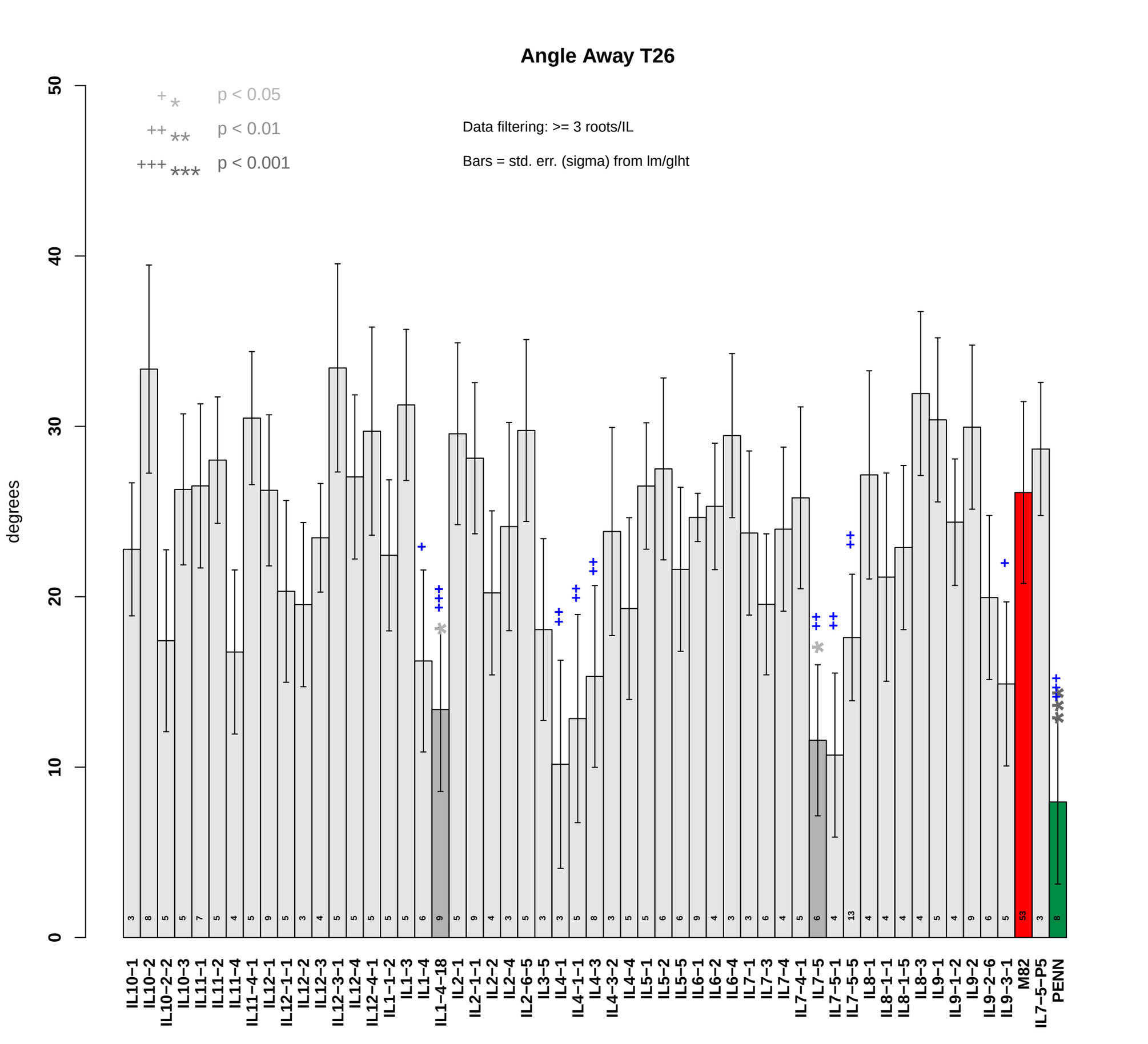

Angle Away T21
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

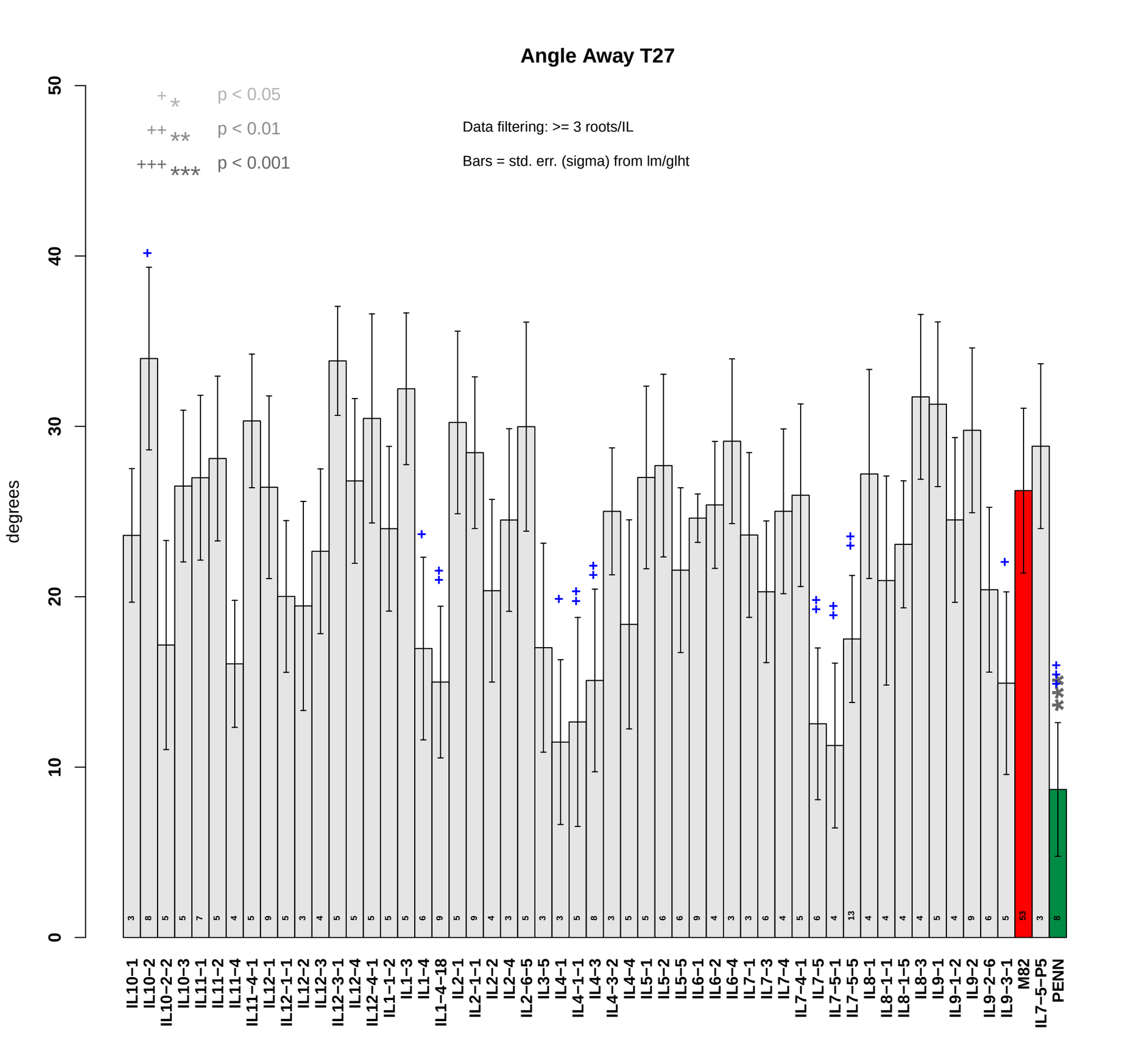

Angle Away T22
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

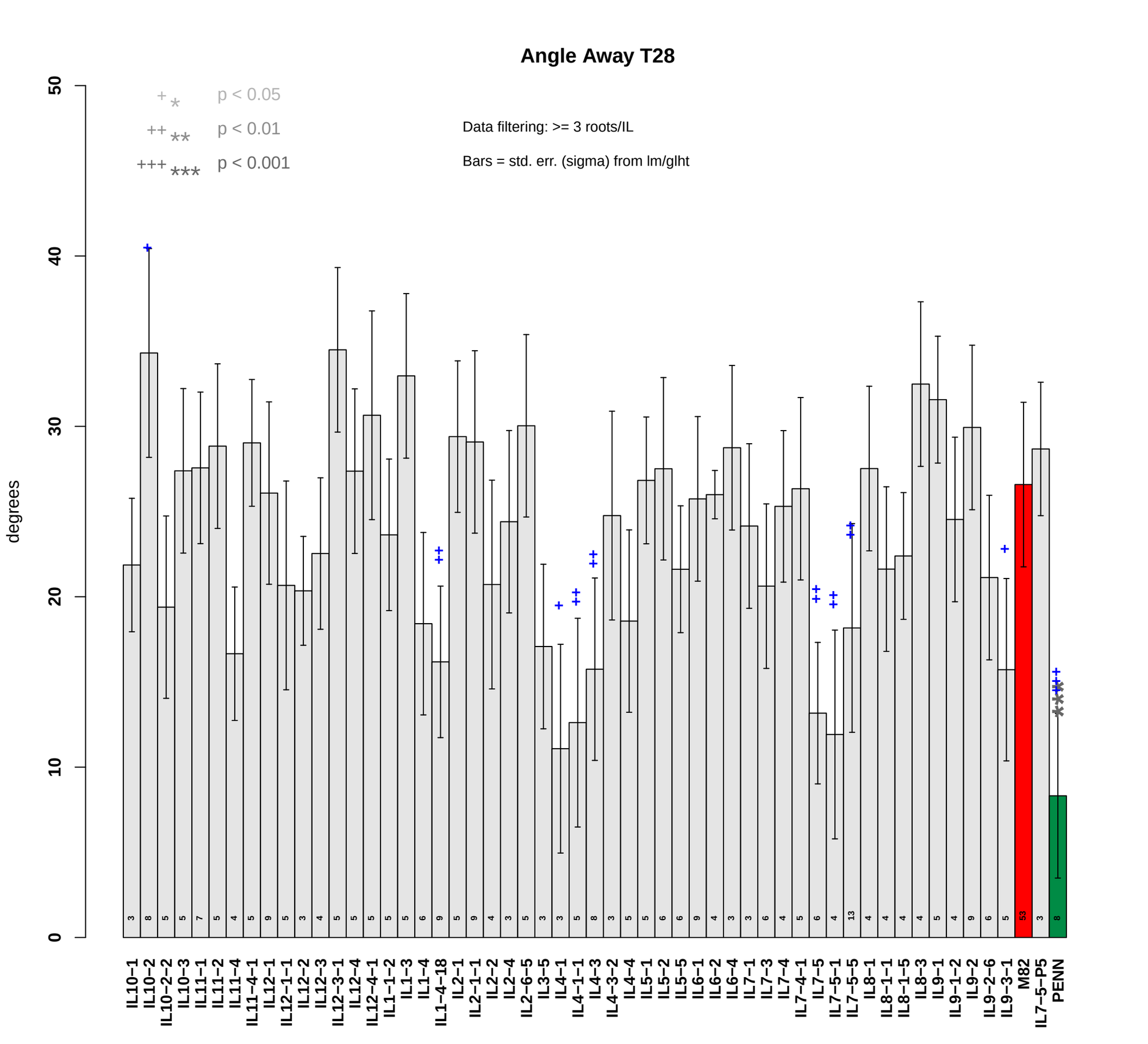

Angle Away T23
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

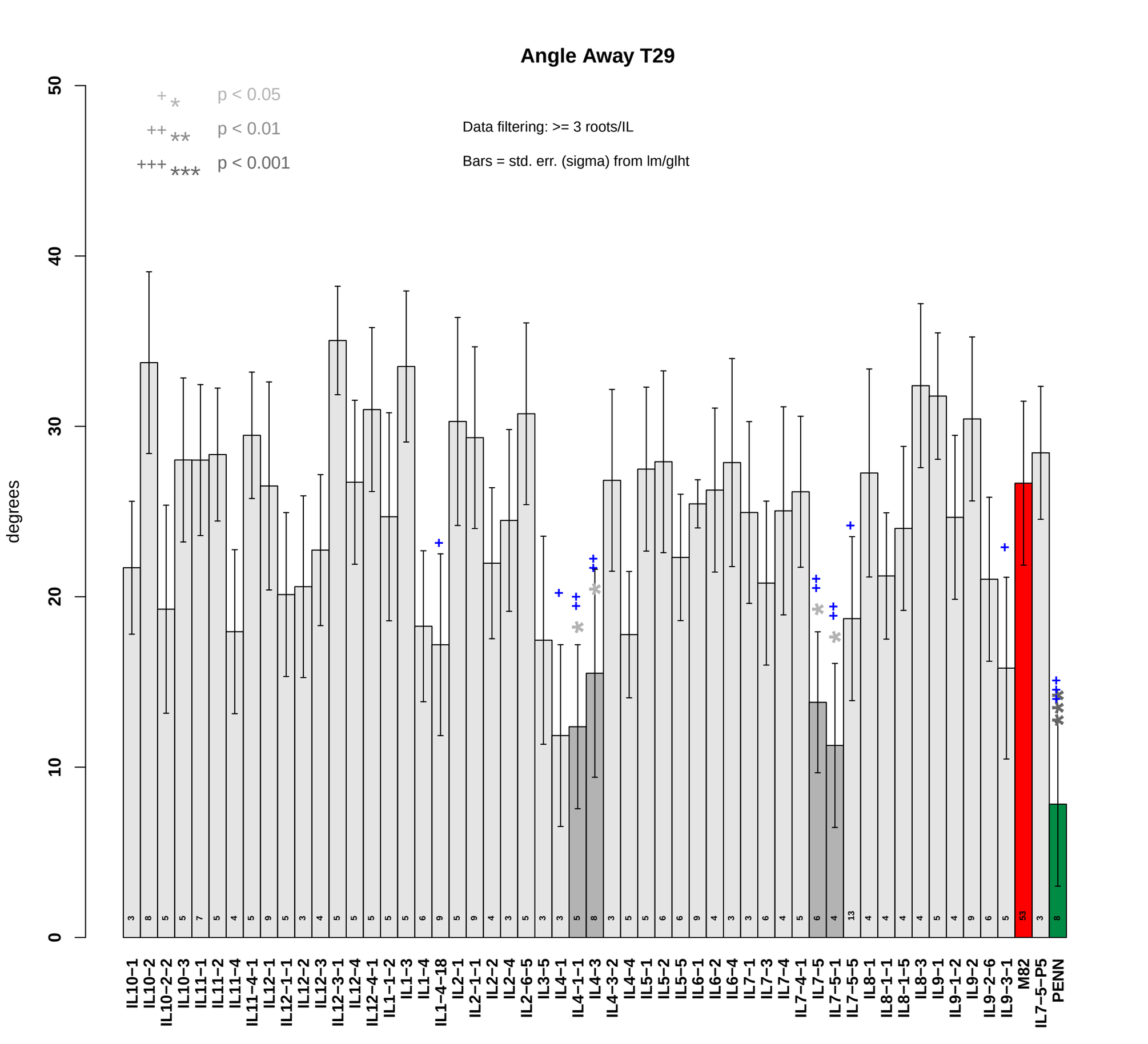

Angle Away T24
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

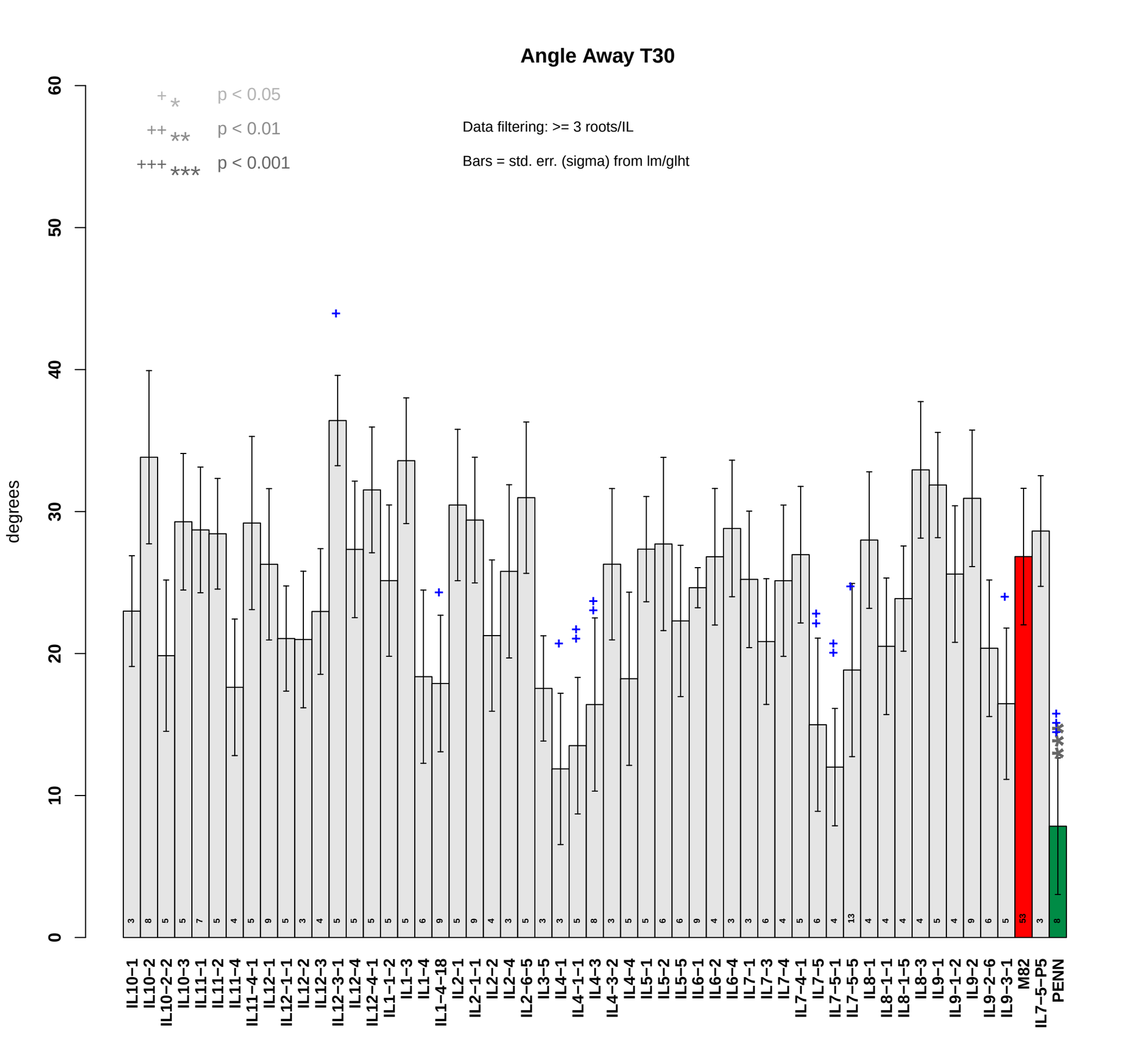

Angle Away T25
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

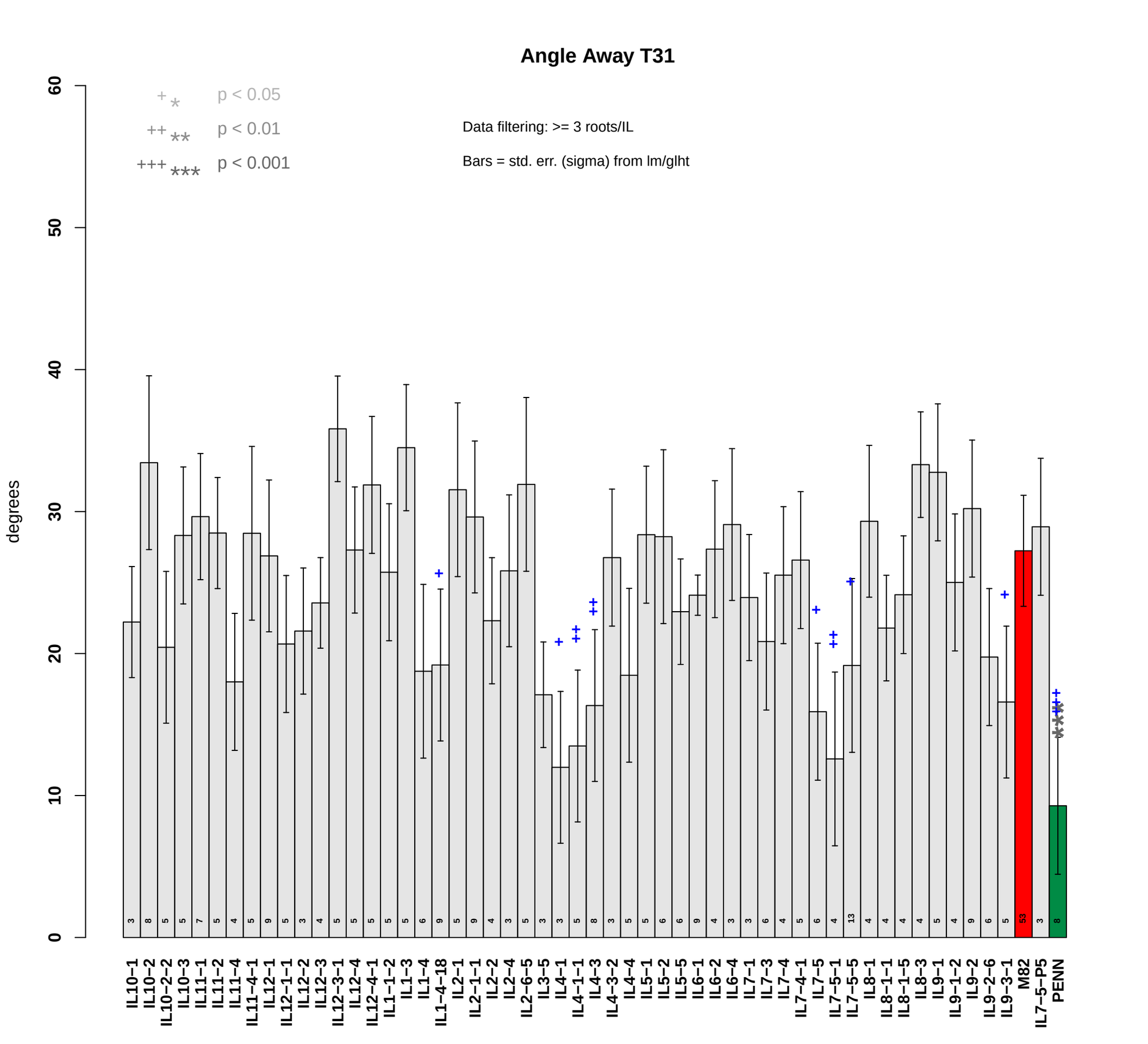

Angle Away T26
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

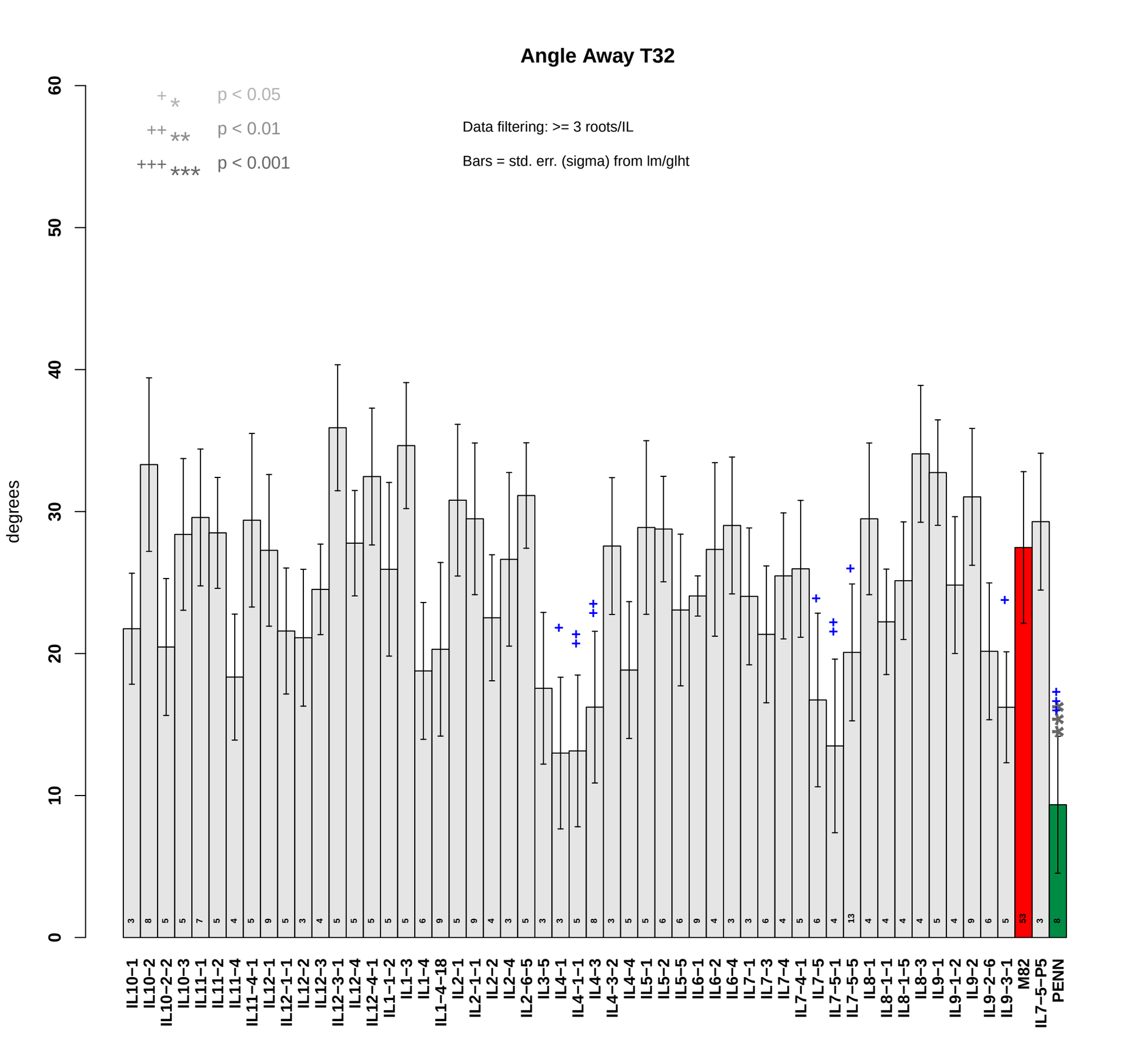

Angle Away T27
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN

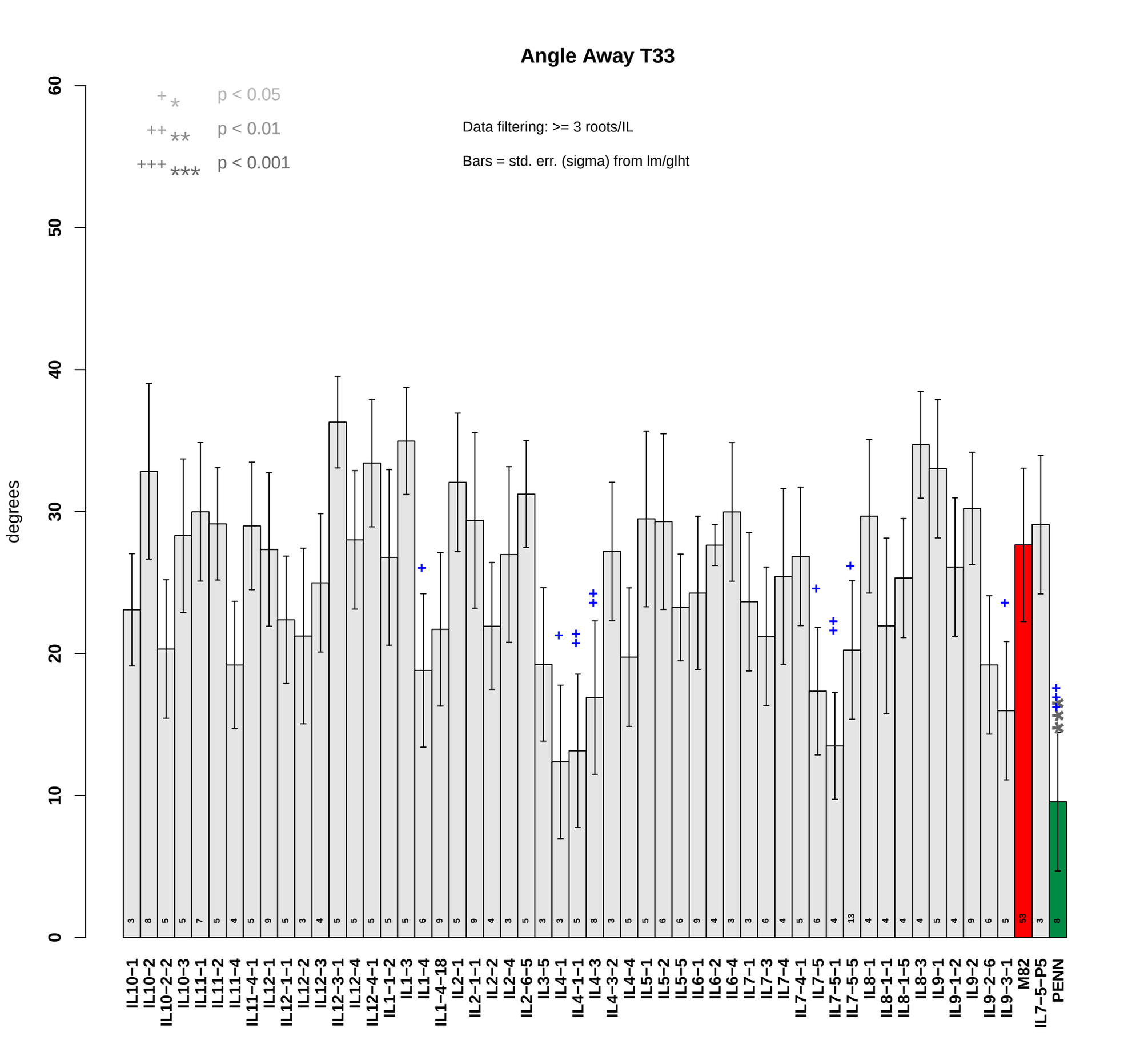

Angle Away T28
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN


Angle Away T29
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN


Angle Away T30
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
60
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN


Angle Away T31
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
60
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN


Angle Away T32
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
60
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN


Angle Away T33
+ * p < 0.05
++ ** p < 0.01
+++ *** p < 0.001
Data filtering: >= 3 roots/IL
Bars = std. err. (sigma) from lm/glht
degrees
0
10
20
30
40
50
60
IL10−1
IL10−2
IL10−2−2
IL10−3
IL11−1
IL11−2
IL11−4
IL11−4−1
IL12−1
IL12−1−1
IL12−2
IL12−3
IL12−3−1
IL12−4
IL12−4−1
IL1−1−2
IL1−3
IL1−4
IL1−4−18
IL2−1
IL2−1−1
IL2−2
IL2−4
IL2−6−5
IL3−5
IL4−1
IL4−1−1
IL4−3
IL4−3−2
IL4−4
IL5−1
IL5−2
IL5−5
IL6−1
IL6−2
IL6−4
IL7−1
IL7−3
IL7−4
IL7−4−1
IL7−5
IL7−5−1
IL7−5−5
IL8−1
IL8−1−1
IL8−1−5
IL8−3
IL9−1
IL9−1−2
IL9−2
IL9−2−6
IL9−3−1
M82
IL7−5−P5
PENN