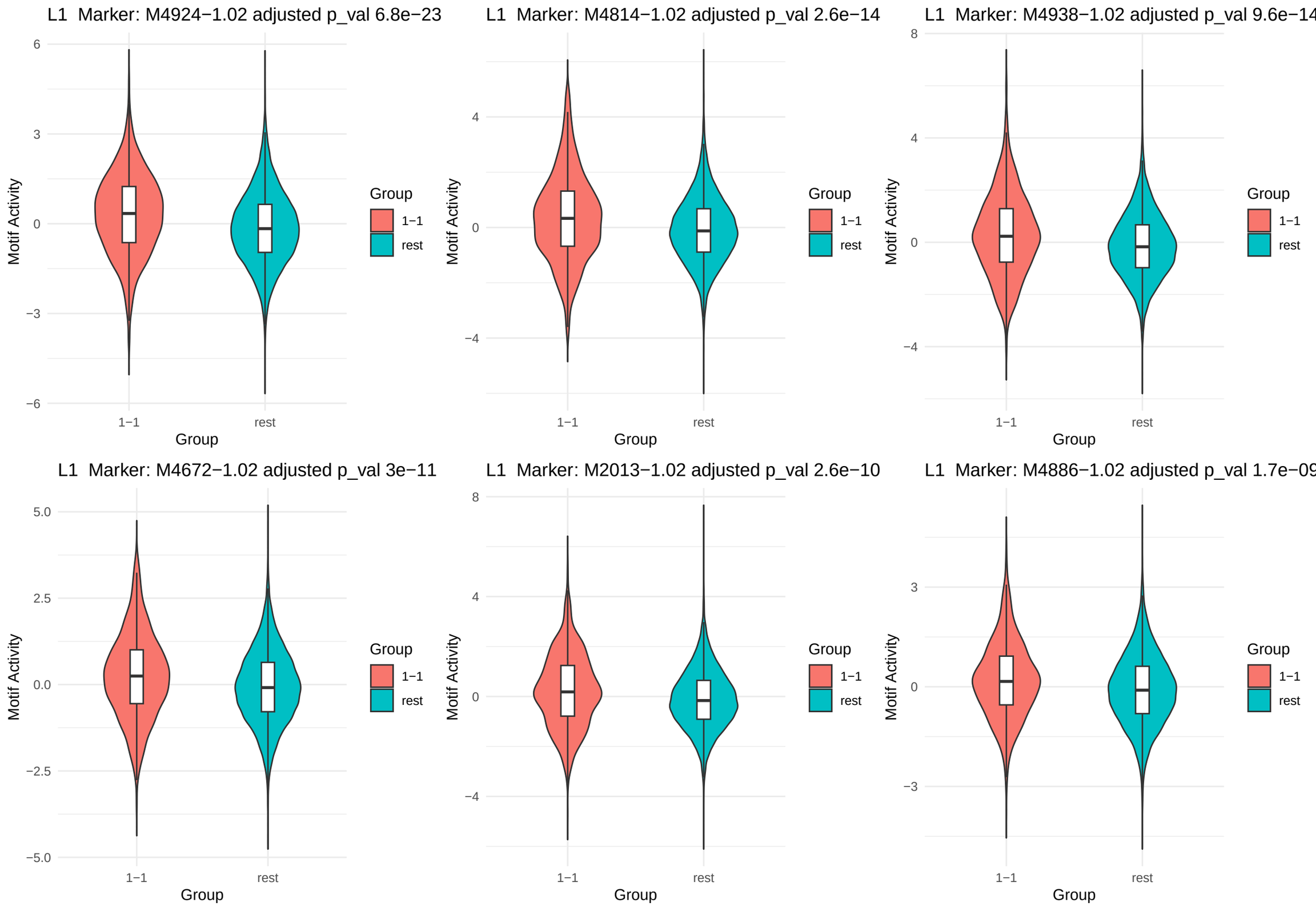
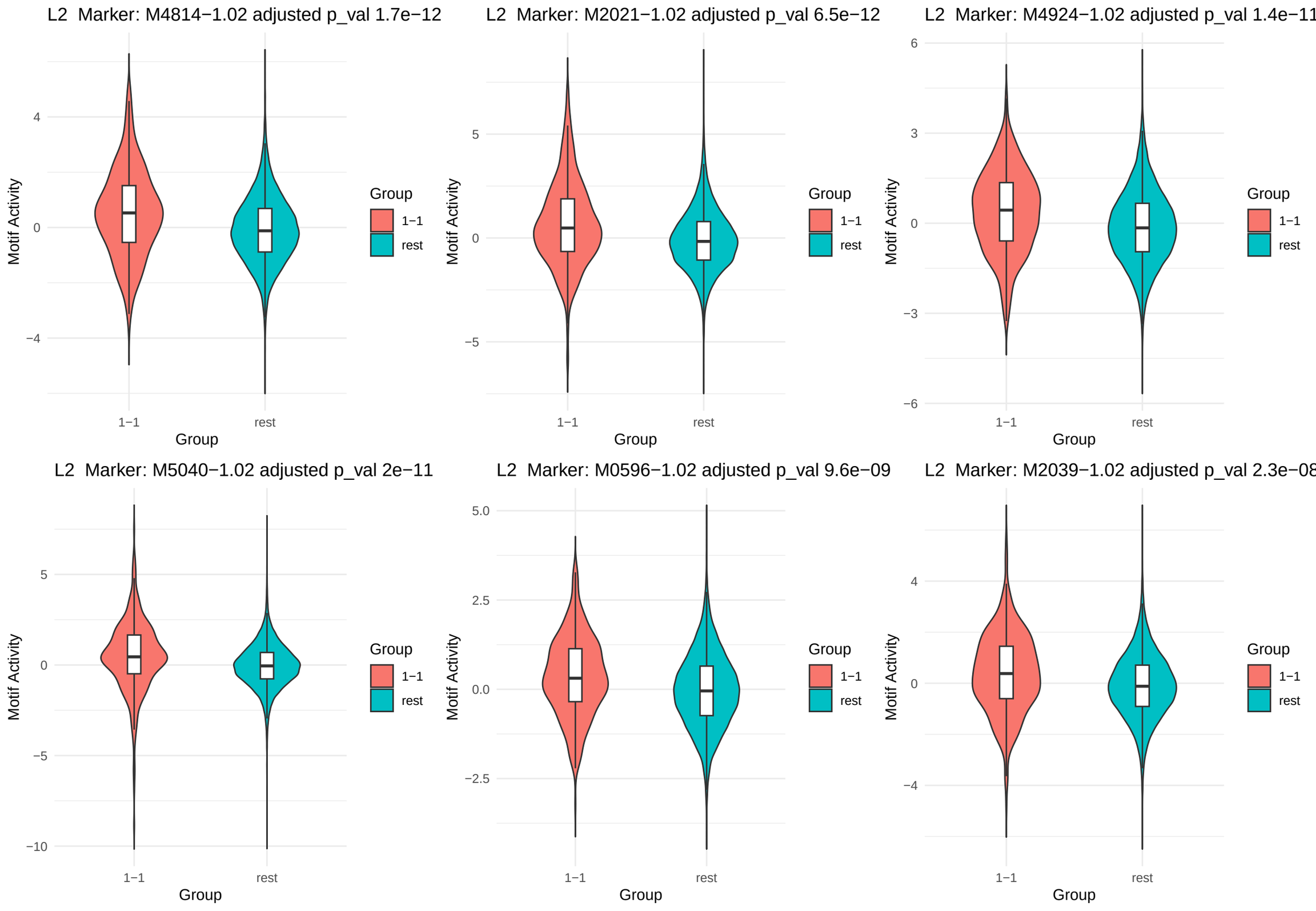
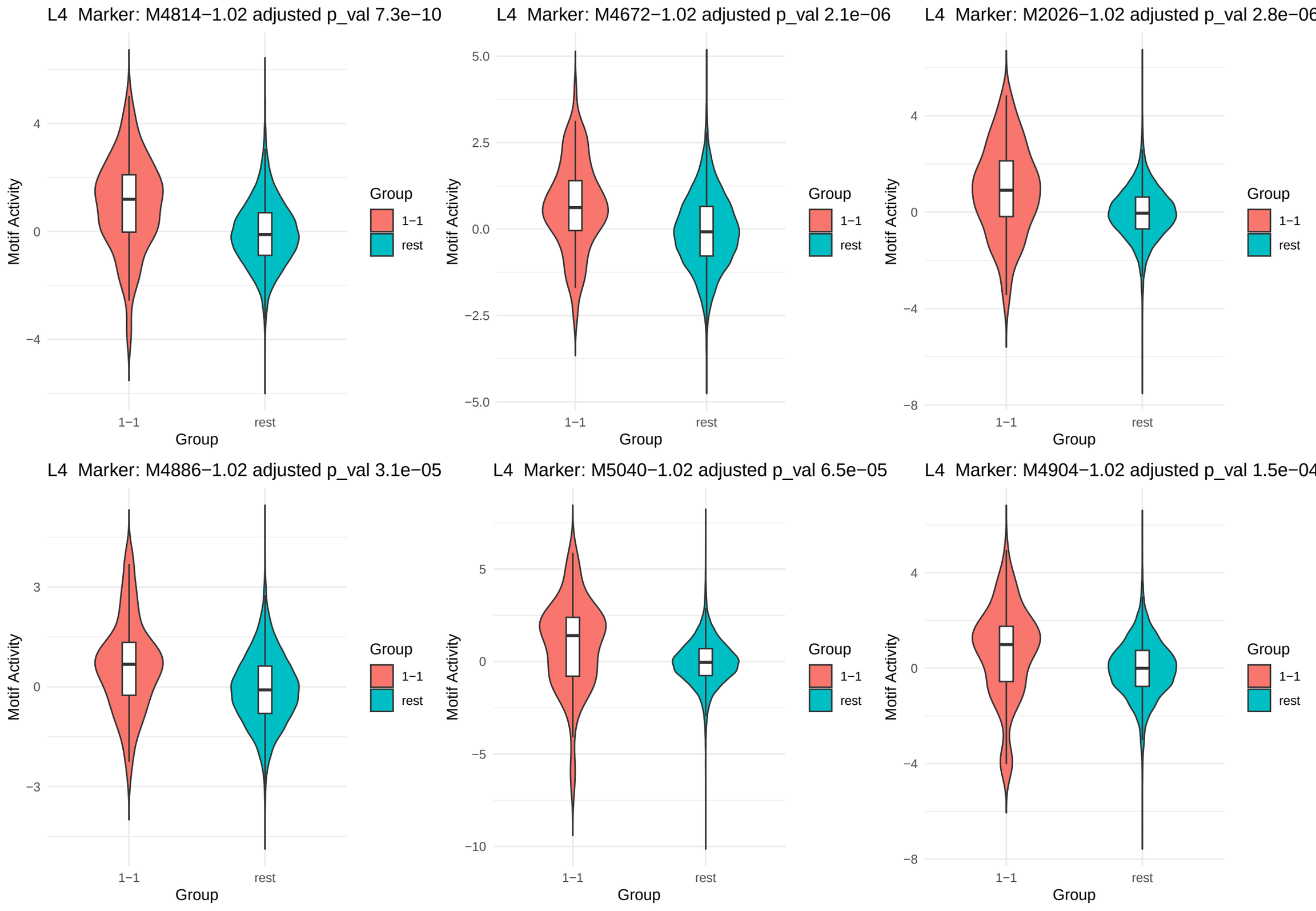
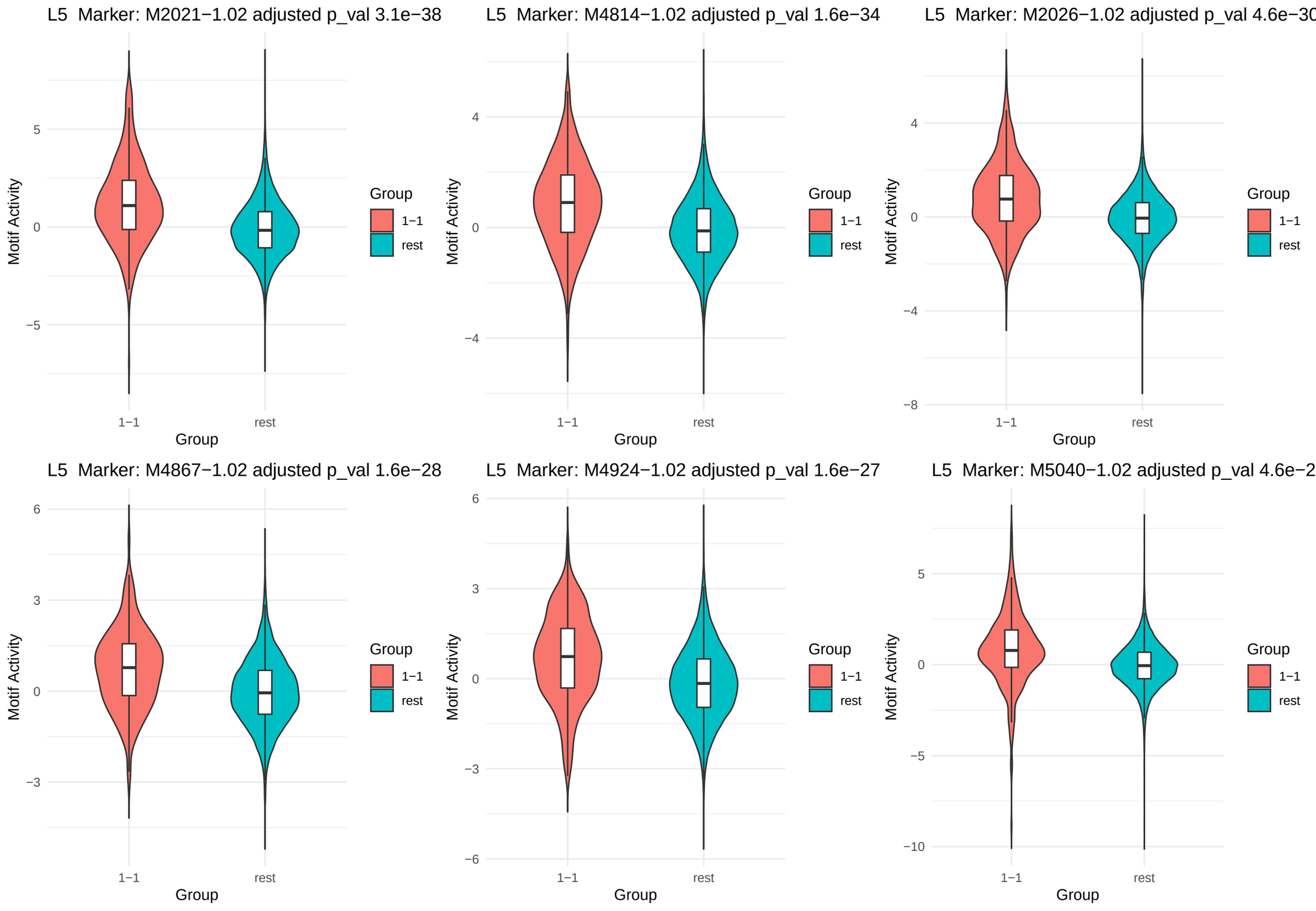
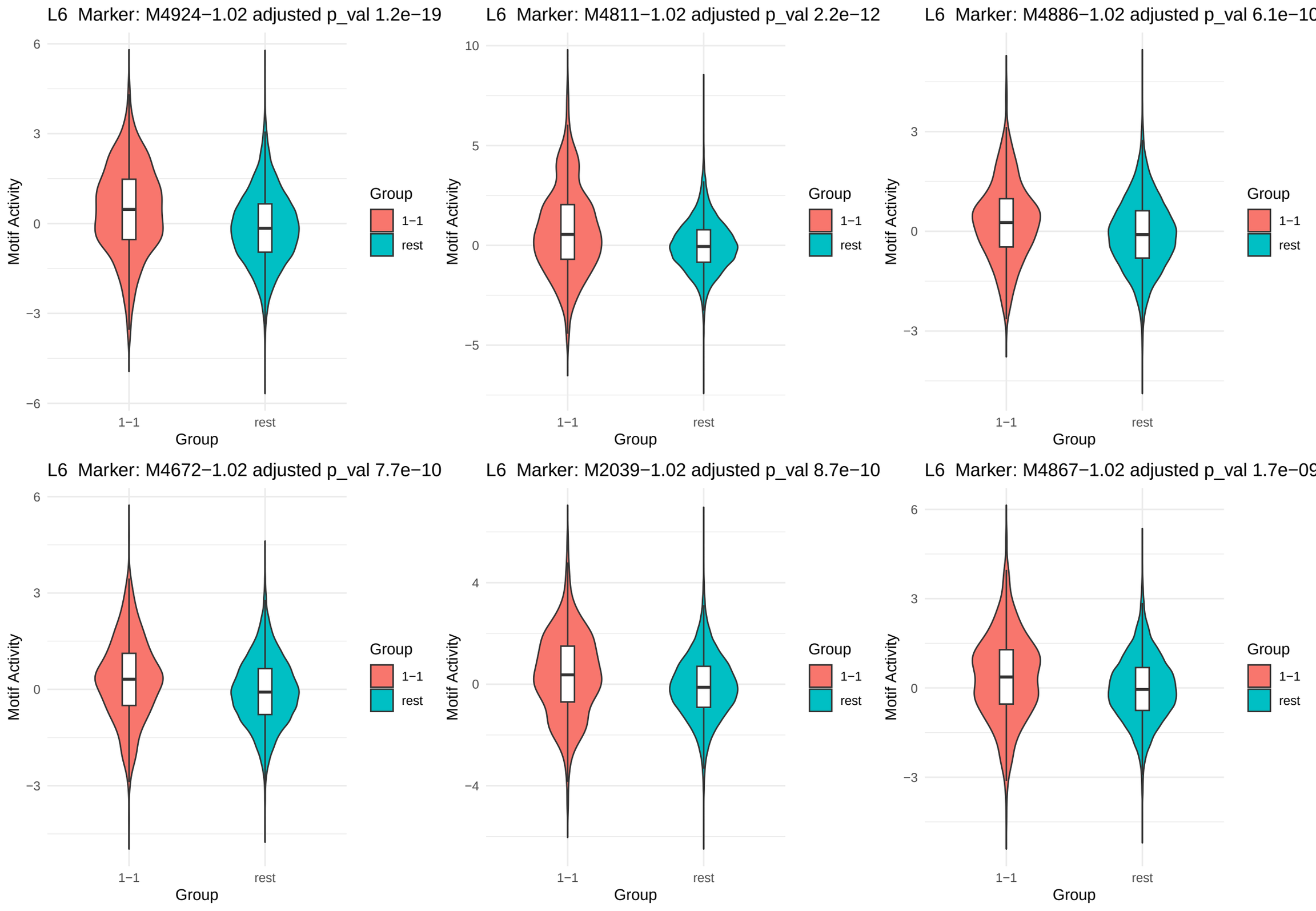
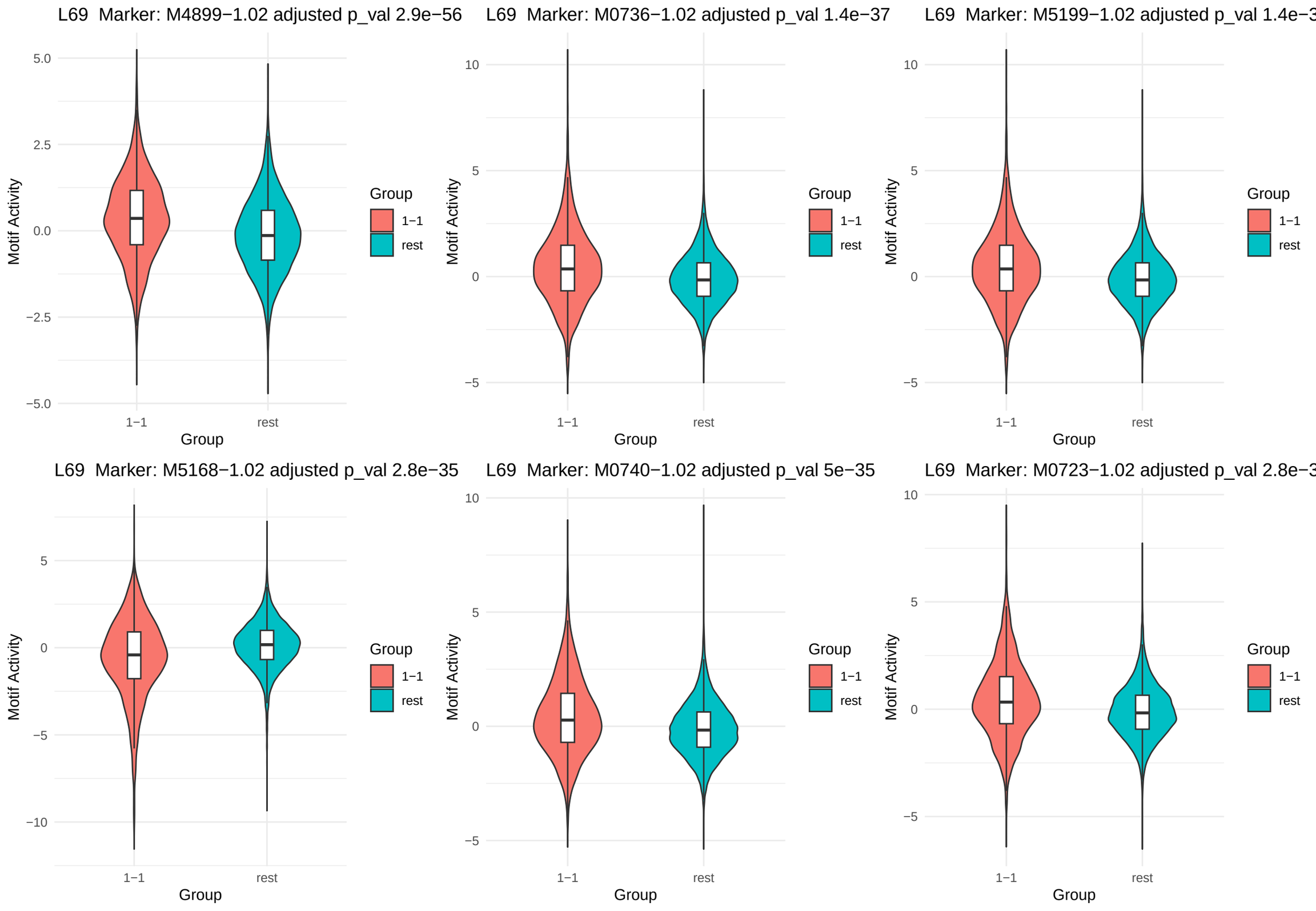

L1 Marker: M4924−1.02 adjusted p_val 6.8e−23
L1 Marker: M4814−1.02 adjusted p_val 2.6e−14
L1 Marker: M4938−1.02 adjusted p_val 9.6e−14
L1 Marker: M4672−1.02 adjusted p_val 3e−11
L1 Marker: M2013−1.02 adjusted p_val 2.6e−10
L1 Marker: M4886−1.02 adjusted p_val 1.7e−09
Motif Activity
Group
1−1
rest
Group
1−1
rest

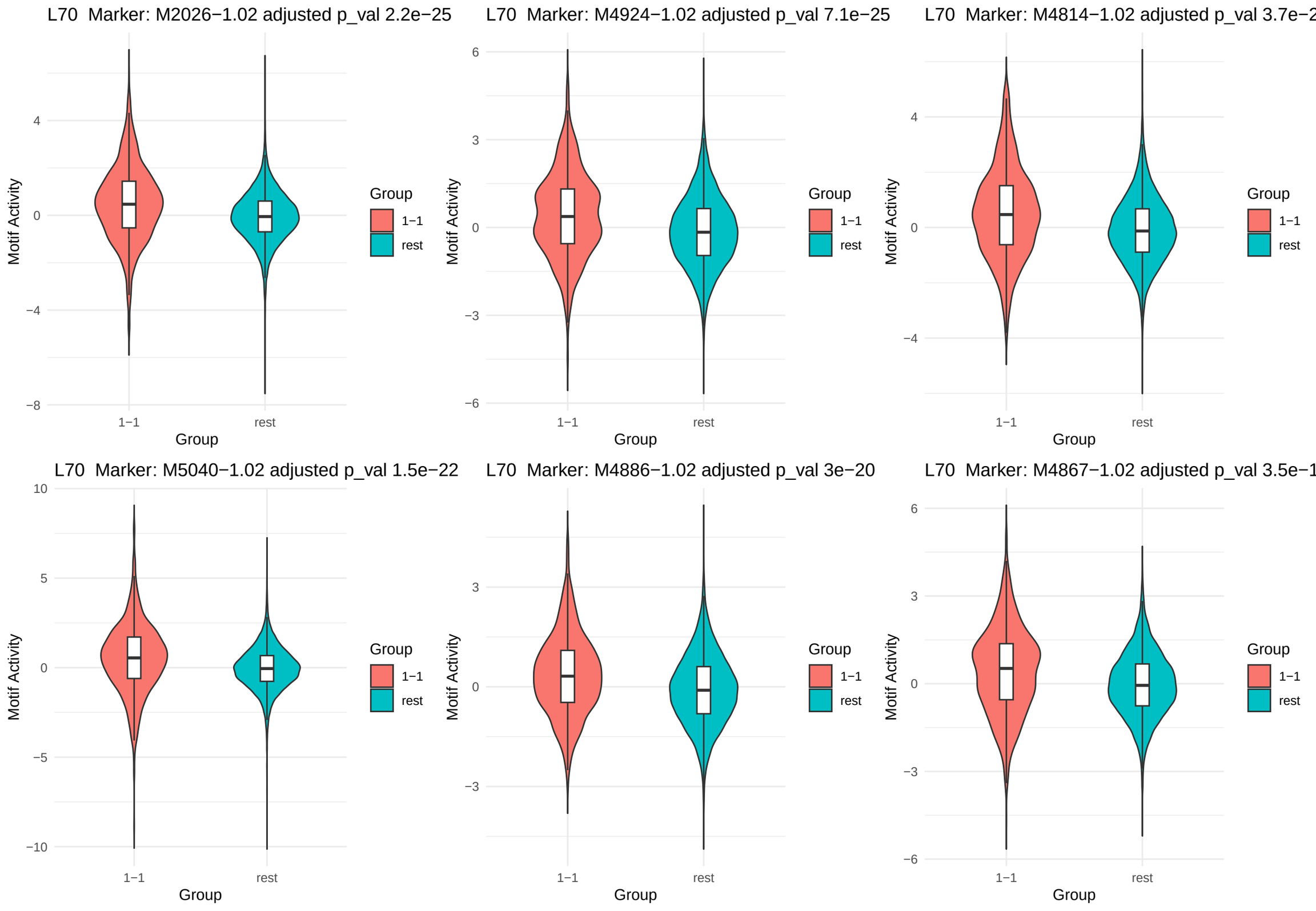

L2 Marker: M4814−1.02 adjusted p_val 1.7e−12
L2 Marker: M2021−1.02 adjusted p_val 6.5e−12
L2 Marker: M4924−1.02 adjusted p_val 1.4e−11
L2 Marker: M5040−1.02 adjusted p_val 2e−11
L2 Marker: M0596−1.02 adjusted p_val 9.6e−09
L2 Marker: M2039−1.02 adjusted p_val 2.3e−08
Motif Activity
Group
1−1
rest
Group
1−1
rest

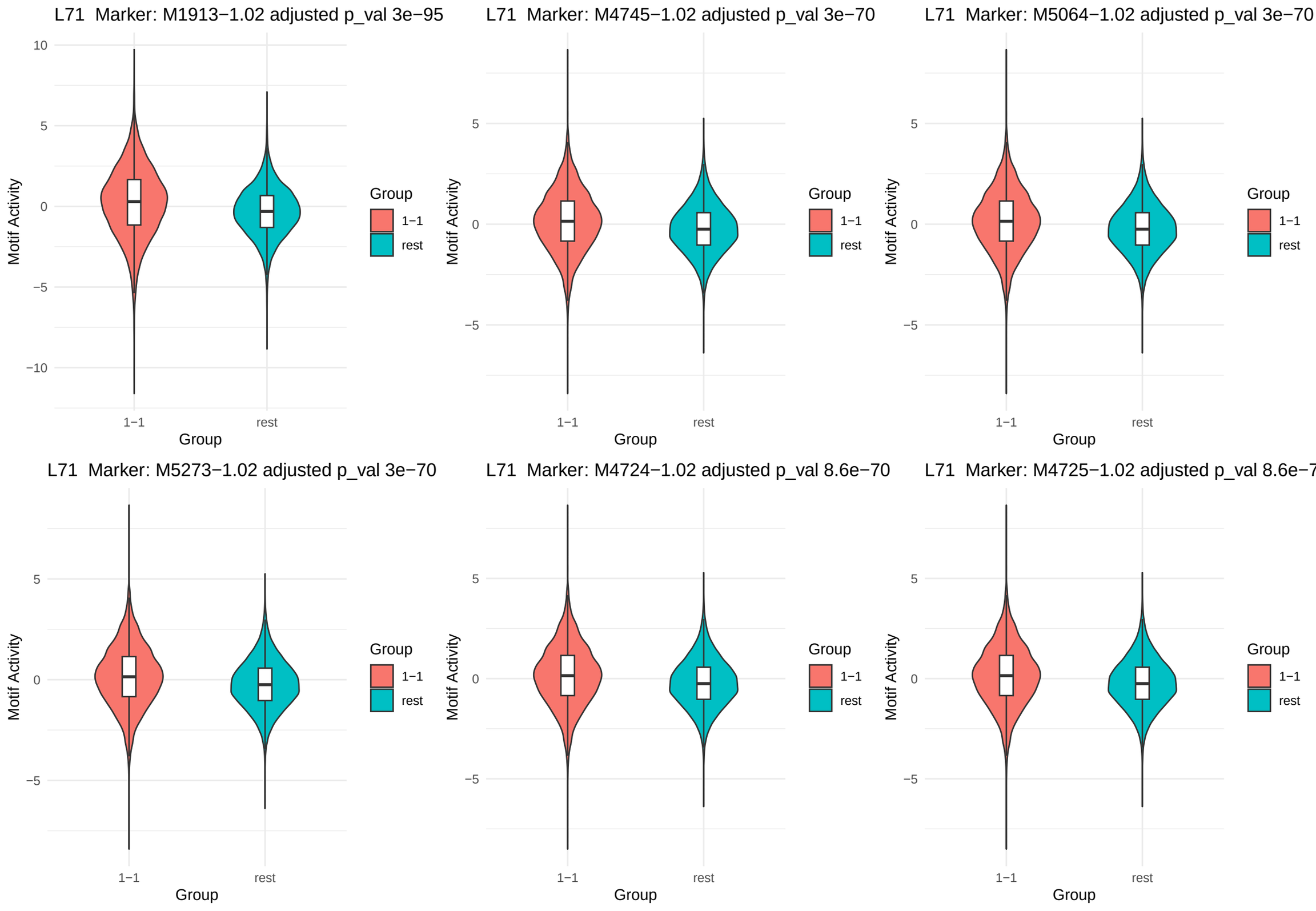

L4 Marker: M4814−1.02 adjusted p_val 7.3e−10
L4 Marker: M4672−1.02 adjusted p_val 2.1e−06
L4 Marker: M2026−1.02 adjusted p_val 2.8e−06
L4 Marker: M4886−1.02 adjusted p_val 3.1e−05
L4 Marker: M5040−1.02 adjusted p_val 6.5e−05
L4 Marker: M4904−1.02 adjusted p_val 1.5e−04
Motif Activity
Group
1−1
rest
Group
1−1
rest

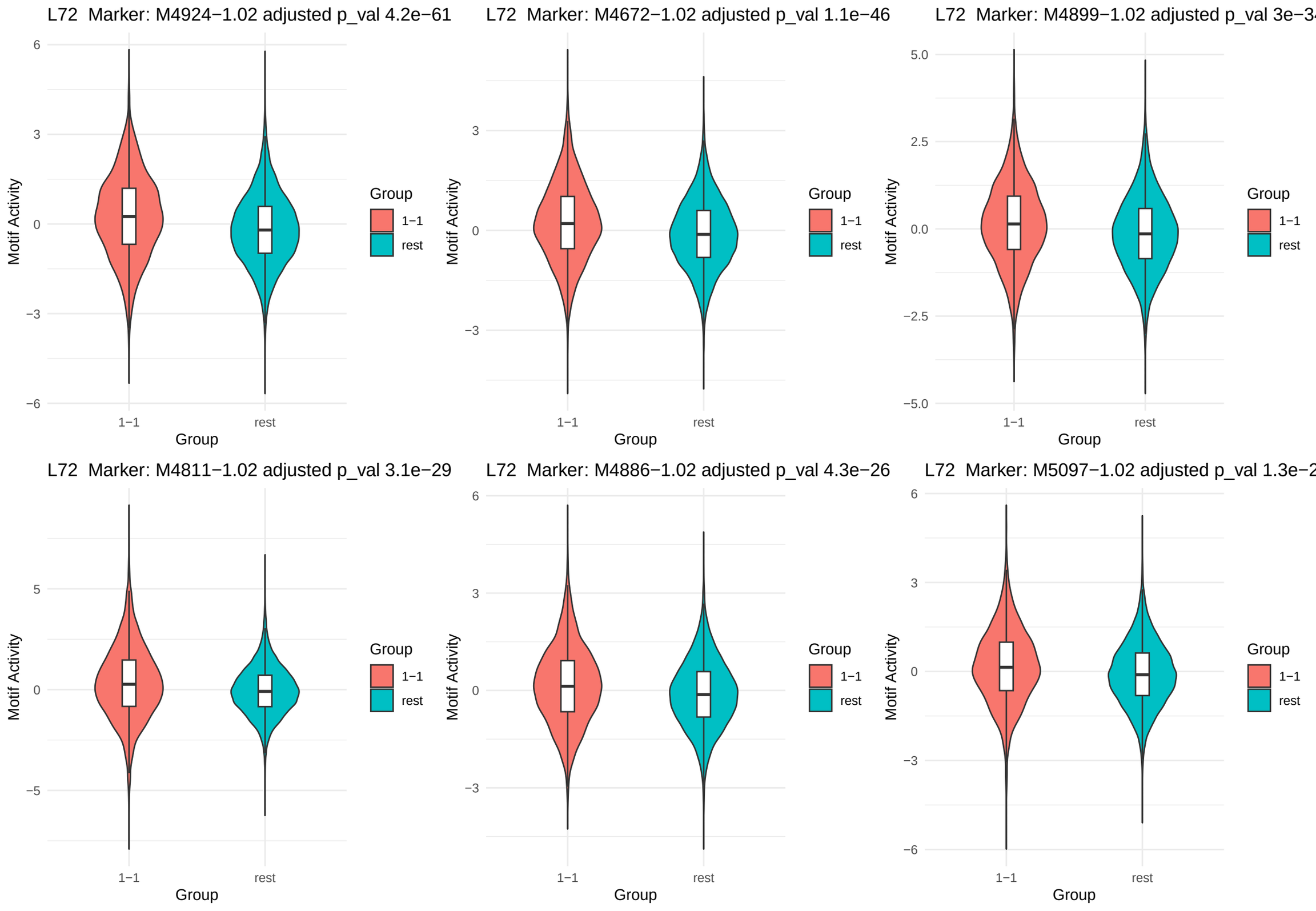

L5 Marker: M2021−1.02 adjusted p_val 3.1e−38
L5 Marker: M4814−1.02 adjusted p_val 1.6e−34
L5 Marker: M2026−1.02 adjusted p_val 4.6e−30
L5 Marker: M4867−1.02 adjusted p_val 1.6e−28
L5 Marker: M4924−1.02 adjusted p_val 1.6e−27
L5 Marker: M5040−1.02 adjusted p_val 4.6e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

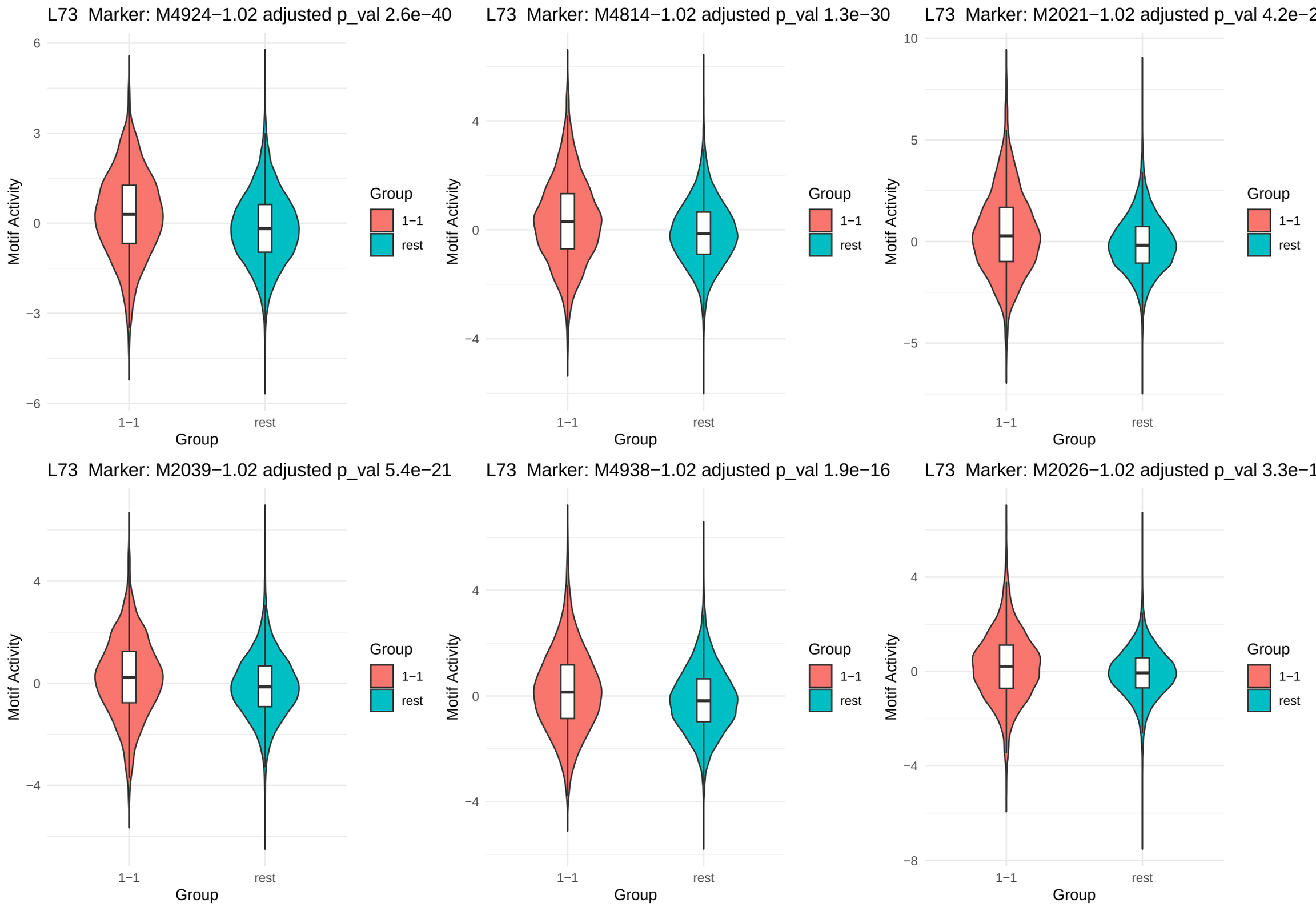

L6 Marker: M4924−1.02 adjusted p_val 1.2e−19
L6 Marker: M4811−1.02 adjusted p_val 2.2e−12
L6 Marker: M4886−1.02 adjusted p_val 6.1e−10
L6 Marker: M4672−1.02 adjusted p_val 7.7e−10
L6 Marker: M2039−1.02 adjusted p_val 8.7e−10
L6 Marker: M4867−1.02 adjusted p_val 1.7e−09
Motif Activity
Group
1−1
rest
Group
1−1
rest

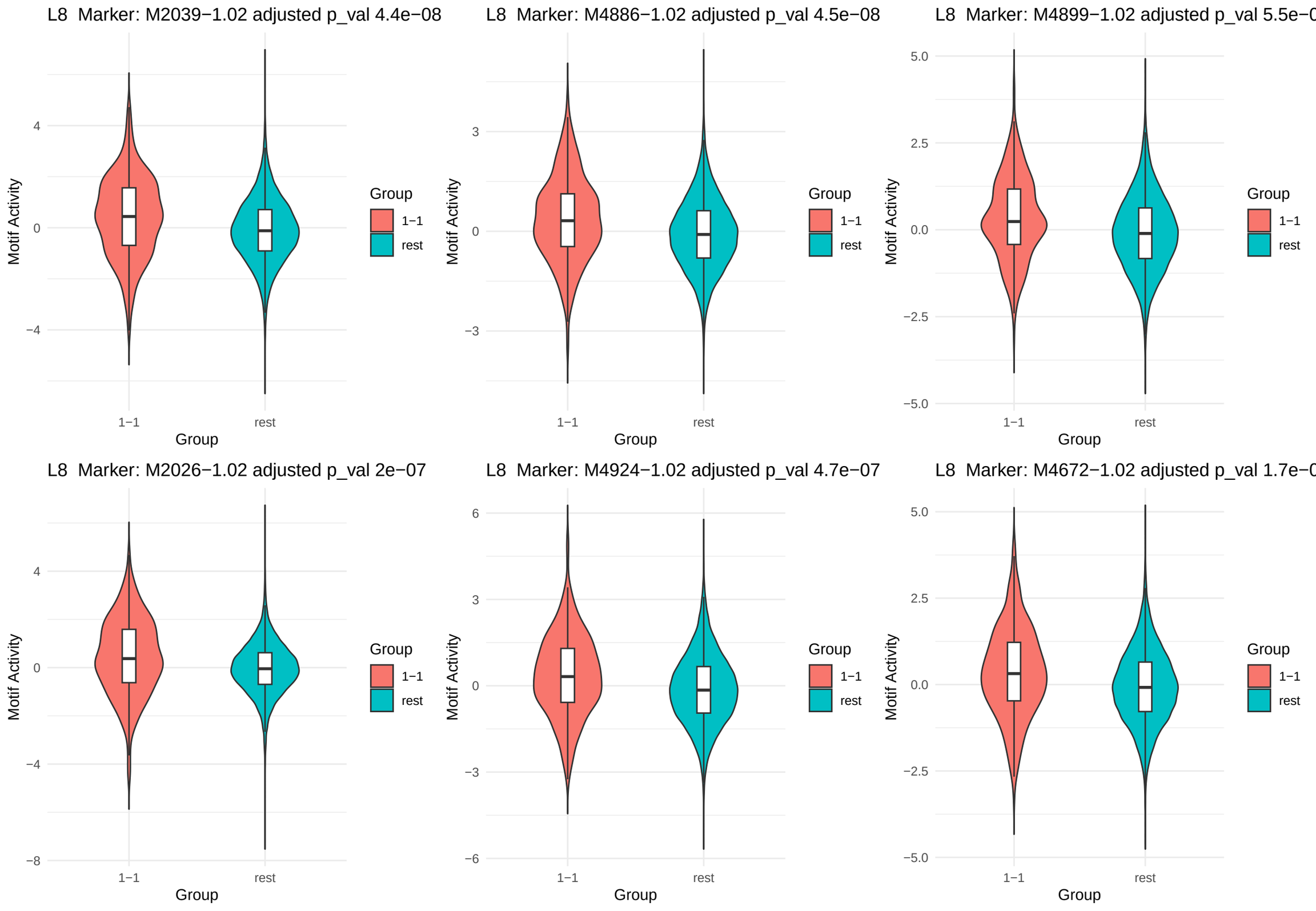

L69 Marker: M4899−1.02 adjusted p_val 2.9e−56
L69 Marker: M0736−1.02 adjusted p_val 1.4e−37
L69 Marker: M5199−1.02 adjusted p_val 1.4e−3
L69 Marker: M5168−1.02 adjusted p_val 2.8e−35
L69 Marker: M0740−1.02 adjusted p_val 5e−35
L69 Marker: M0723−1.02 adjusted p_val 2.8e−3
Motif Activity
Group
1−1
rest
Group
1−1
rest

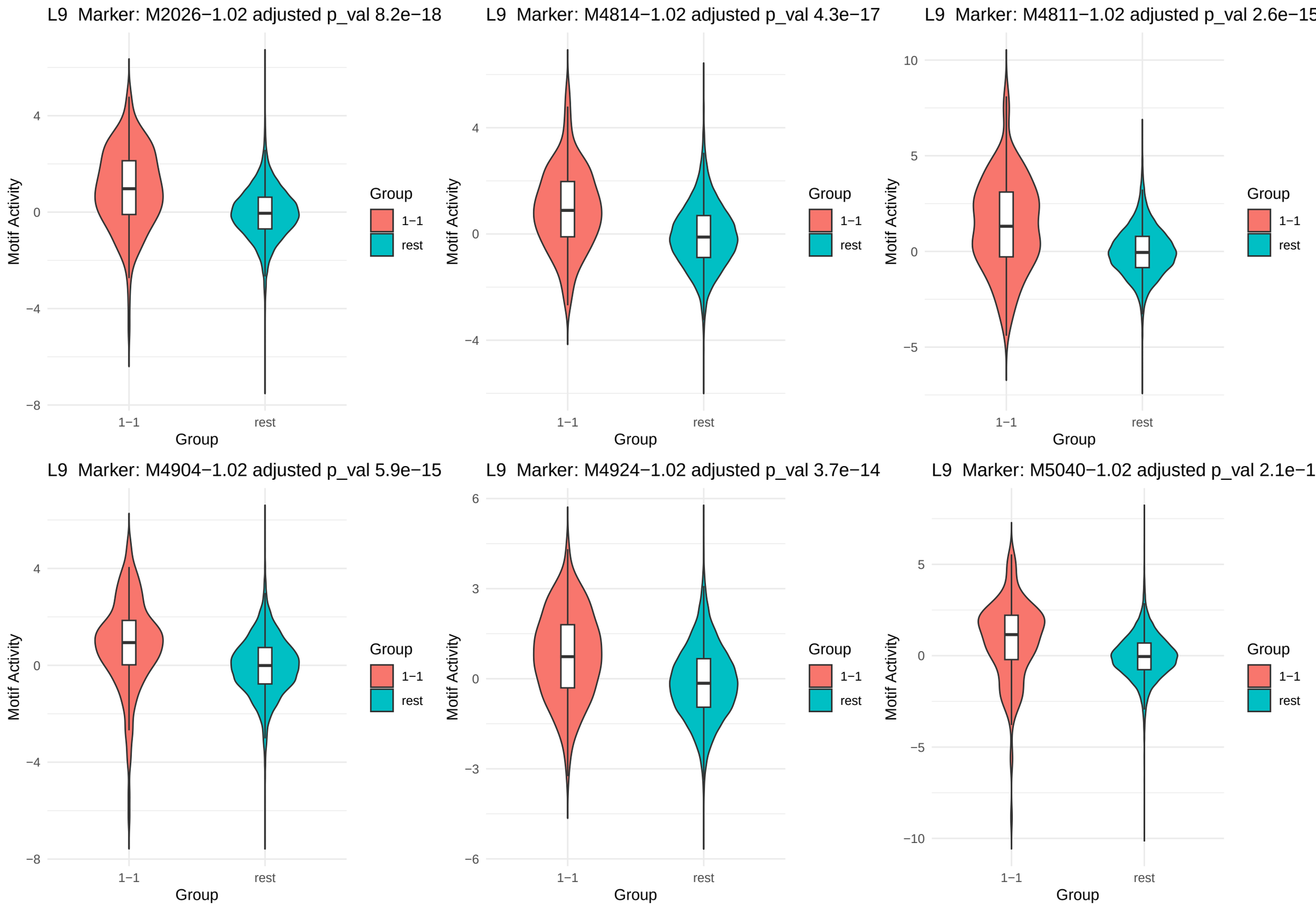

L70 Marker: M2026−1.02 adjusted p_val 2.2e−25
L70 Marker: M4924−1.02 adjusted p_val 7.1e−25
L70 Marker: M4814−1.02 adjusted p_val 3.7e−2
L70 Marker: M5040−1.02 adjusted p_val 1.5e−22
L70 Marker: M4886−1.02 adjusted p_val 3e−20
L70 Marker: M4867−1.02 adjusted p_val 3.5e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

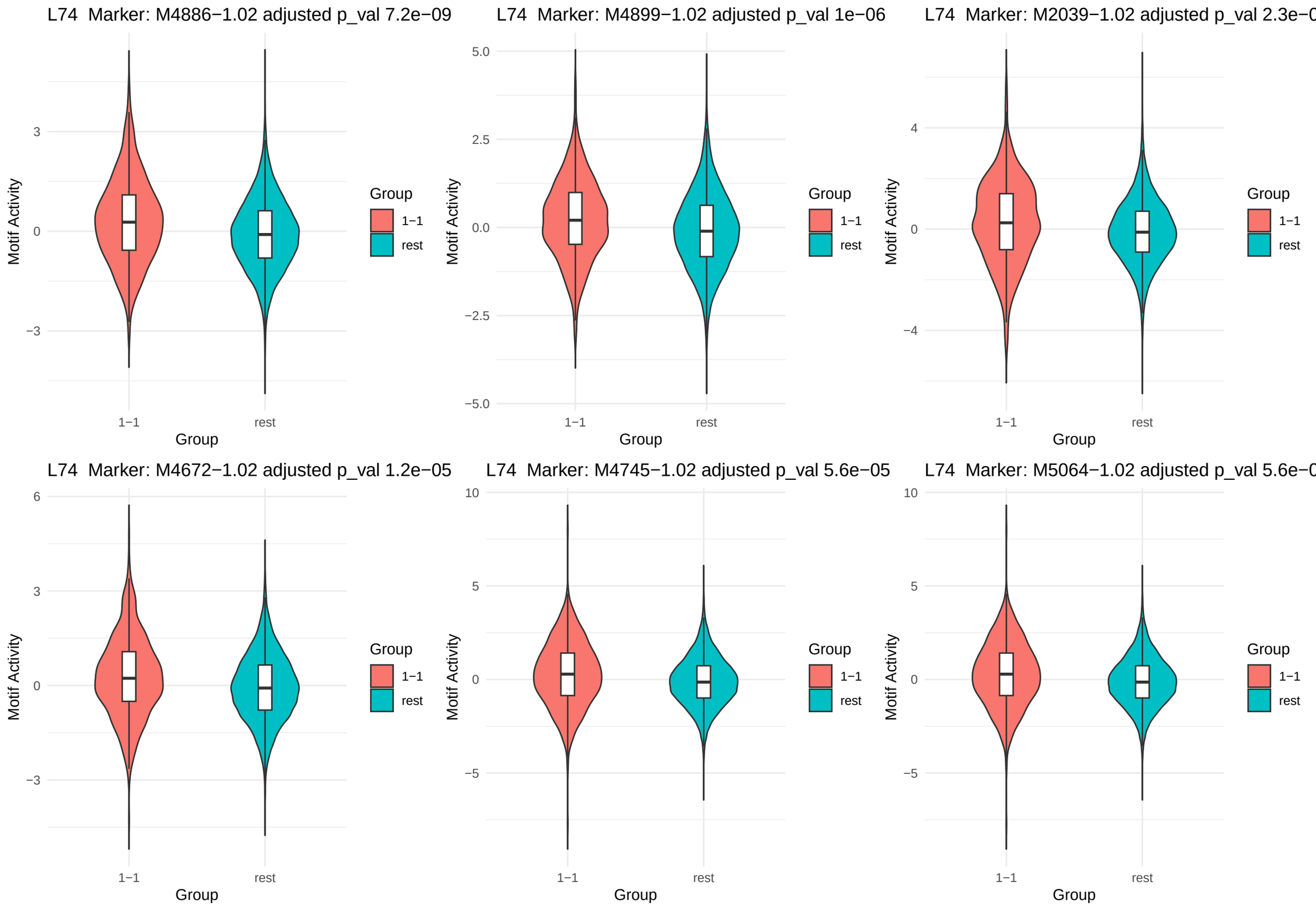

L71 Marker: M1913−1.02 adjusted p_val 3e−95
L71 Marker: M4745−1.02 adjusted p_val 3e−70
L71 Marker: M5064−1.02 adjusted p_val 3e−70
L71 Marker: M5273−1.02 adjusted p_val 3e−70
L71 Marker: M4724−1.02 adjusted p_val 8.6e−70
L71 Marker: M4725−1.02 adjusted p_val 8.6e−7
Motif Activity
Group
1−1
rest
Group
1−1
rest

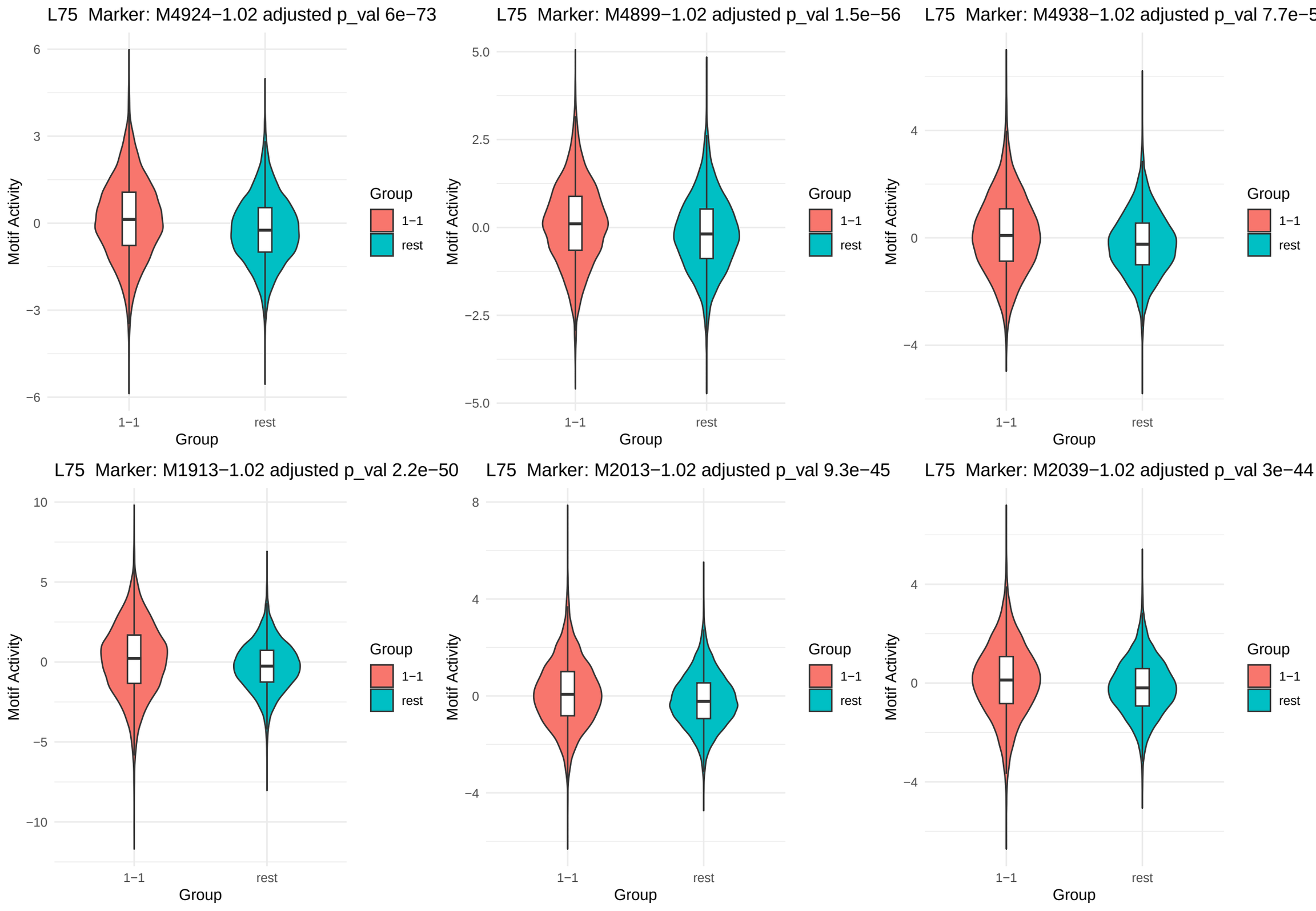

L72 Marker: M4924−1.02 adjusted p_val 4.2e−61
L72 Marker: M4672−1.02 adjusted p_val 1.1e−46
L72 Marker: M4899−1.02 adjusted p_val 3e−3
L72 Marker: M4811−1.02 adjusted p_val 3.1e−29
L72 Marker: M4886−1.02 adjusted p_val 4.3e−26
L72 Marker: M5097−1.02 adjusted p_val 1.3e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

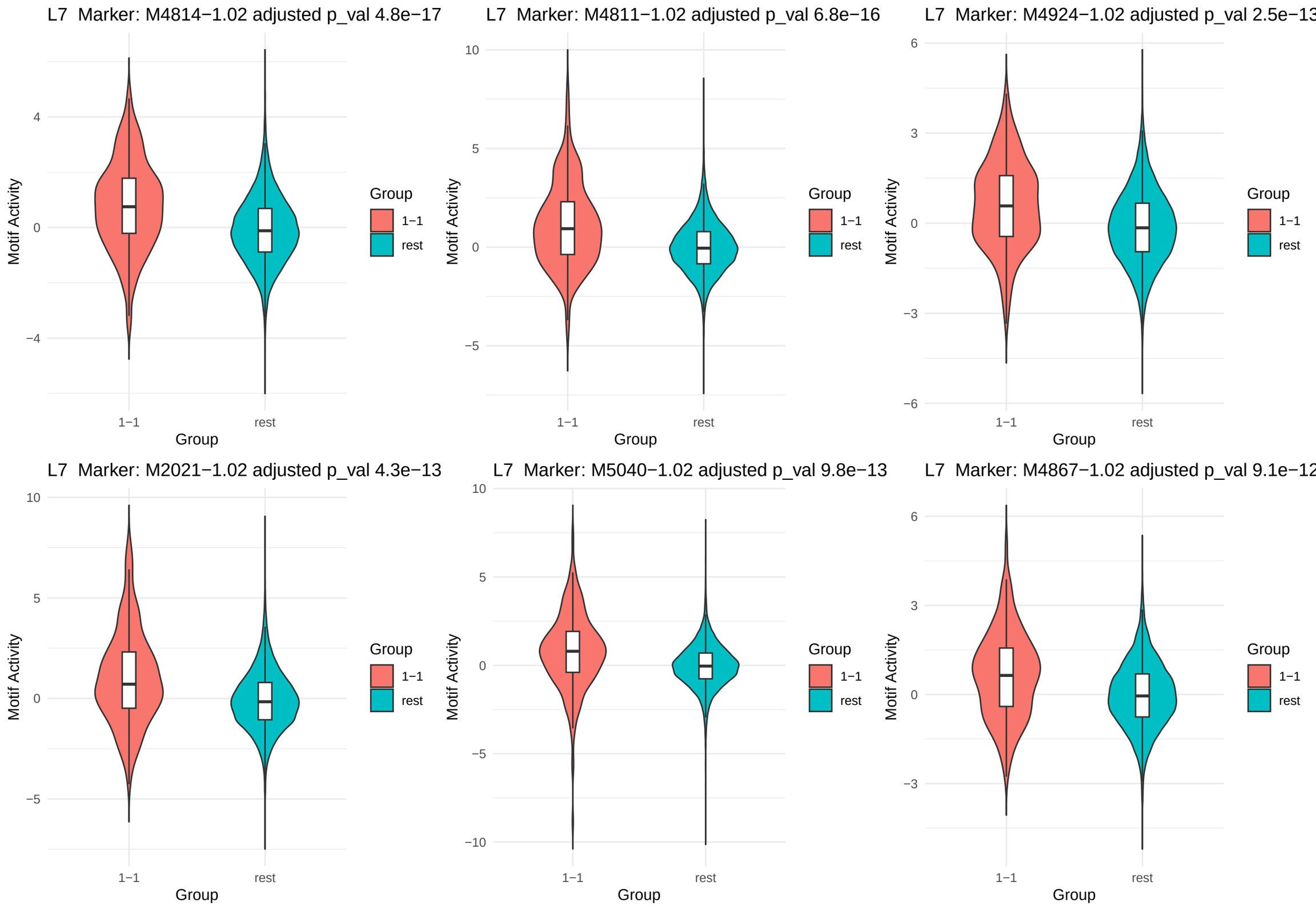

L73 Marker: M4924−1.02 adjusted p_val 2.6e−40
L73 Marker: M4814−1.02 adjusted p_val 1.3e−30
L73 Marker: M2021−1.02 adjusted p_val 4.2e−2
L73 Marker: M2039−1.02 adjusted p_val 5.4e−21
L73 Marker: M4938−1.02 adjusted p_val 1.9e−16
L73 Marker: M2026−1.02 adjusted p_val 3.3e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

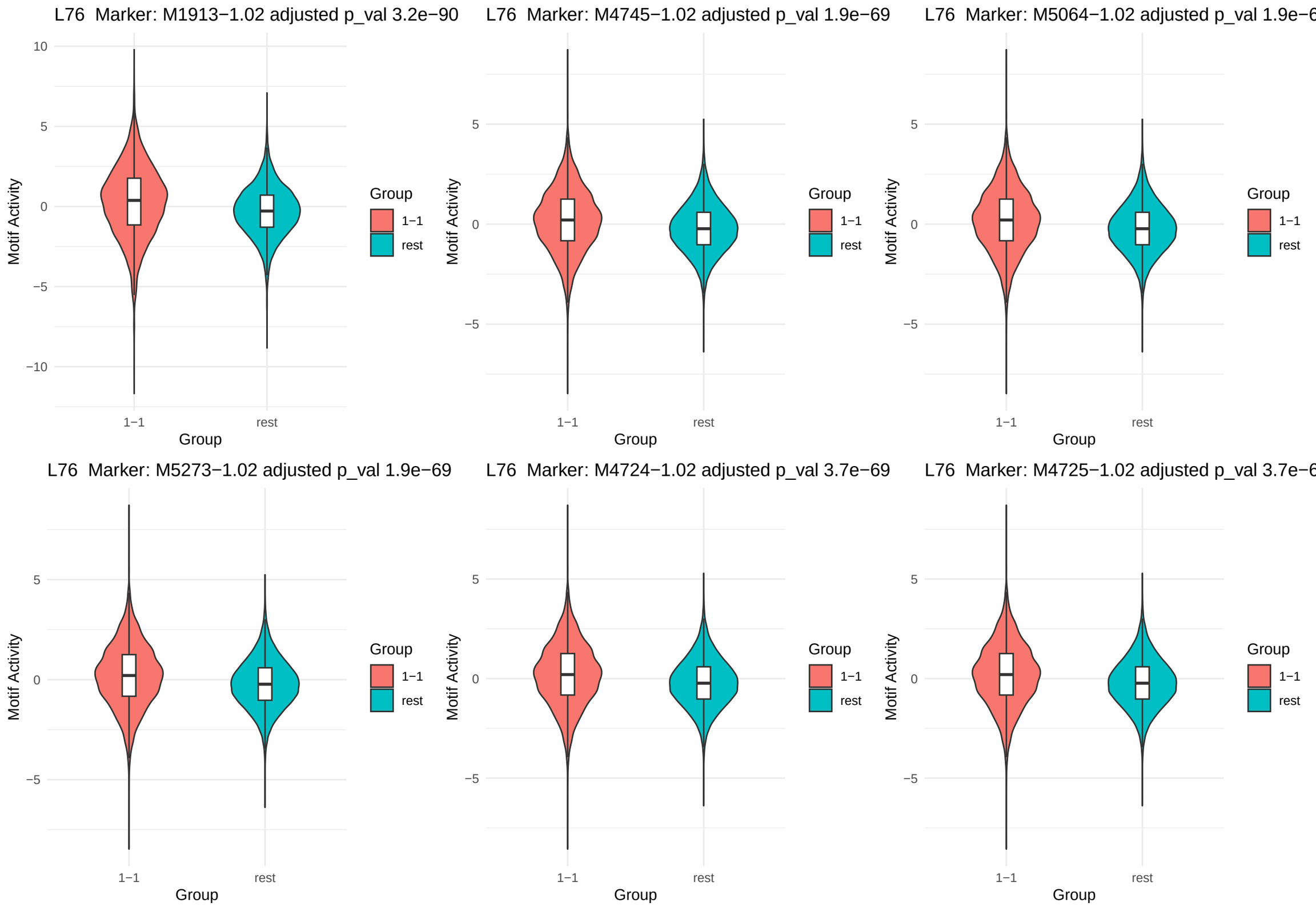

L8 Marker: M2039−1.02 adjusted p_val 4.4e−08
L8 Marker: M4886−1.02 adjusted p_val 4.5e−08
L8 Marker: M4899−1.02 adjusted p_val 5.5e−0
L8 Marker: M2026−1.02 adjusted p_val 2e−07
L8 Marker: M4924−1.02 adjusted p_val 4.7e−07
L8 Marker: M4672−1.02 adjusted p_val 1.7e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

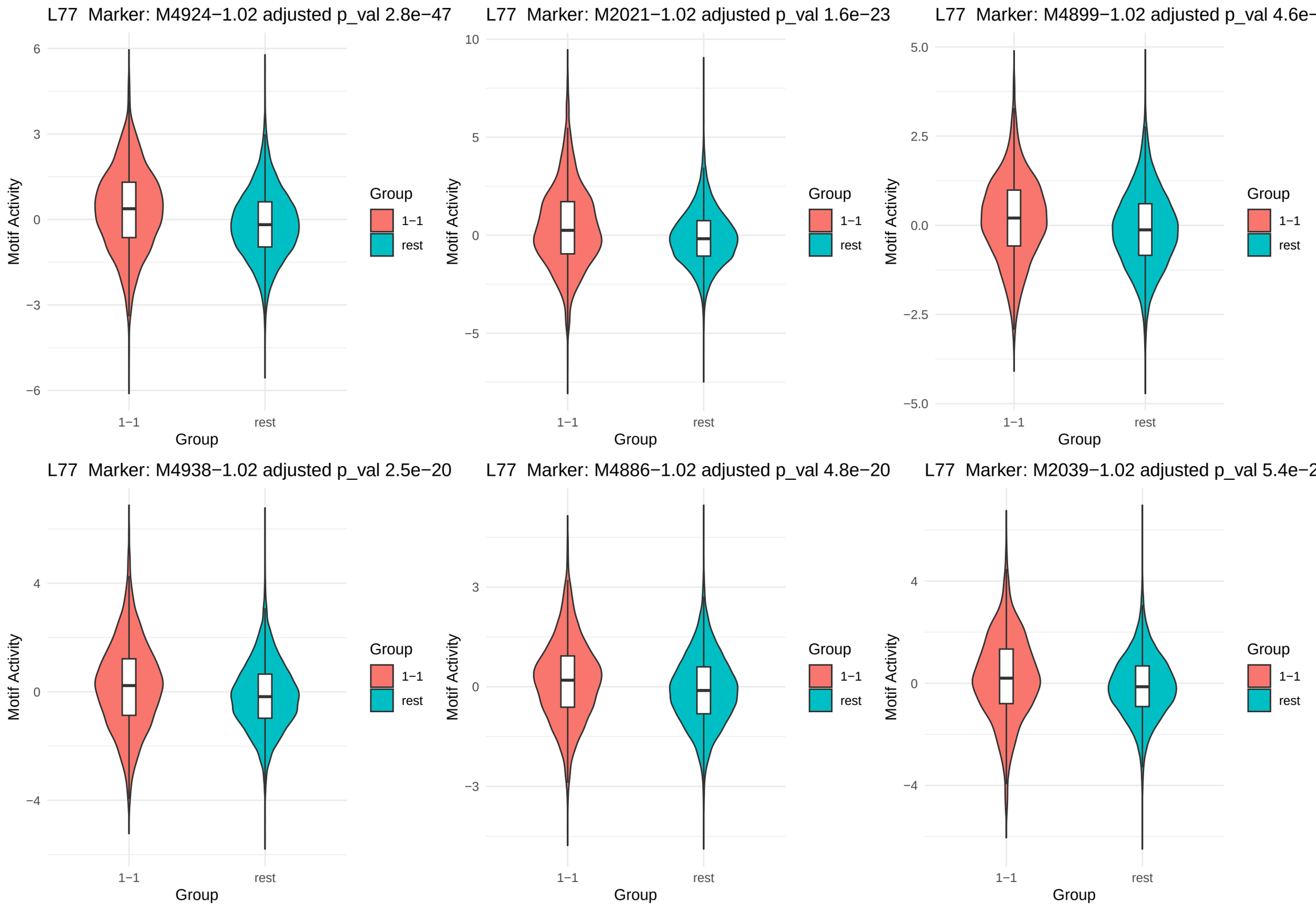

L9 Marker: M2026−1.02 adjusted p_val 8.2e−18
L9 Marker: M4814−1.02 adjusted p_val 4.3e−17
L9 Marker: M4811−1.02 adjusted p_val 2.6e−15
L9 Marker: M4904−1.02 adjusted p_val 5.9e−15
L9 Marker: M4924−1.02 adjusted p_val 3.7e−14
L9 Marker: M5040−1.02 adjusted p_val 2.1e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

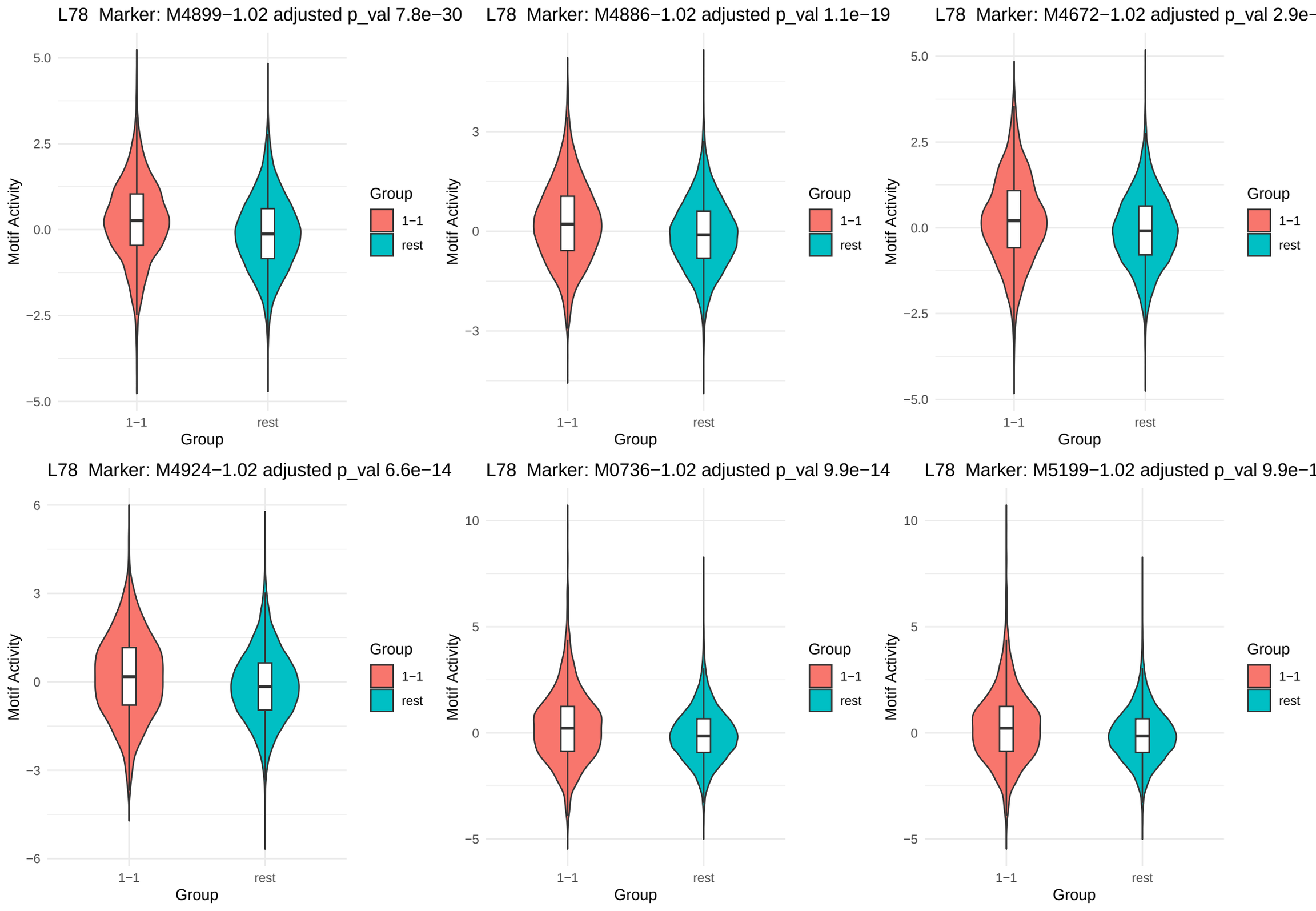

L74 Marker: M4886−1.02 adjusted p_val 7.2e−09
L74 Marker: M4899−1.02 adjusted p_val 1e−06
L74 Marker: M2039−1.02 adjusted p_val 2.3e−0
L74 Marker: M4672−1.02 adjusted p_val 1.2e−05
L74 Marker: M4745−1.02 adjusted p_val 5.6e−05
L74 Marker: M5064−1.02 adjusted p_val 5.6e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

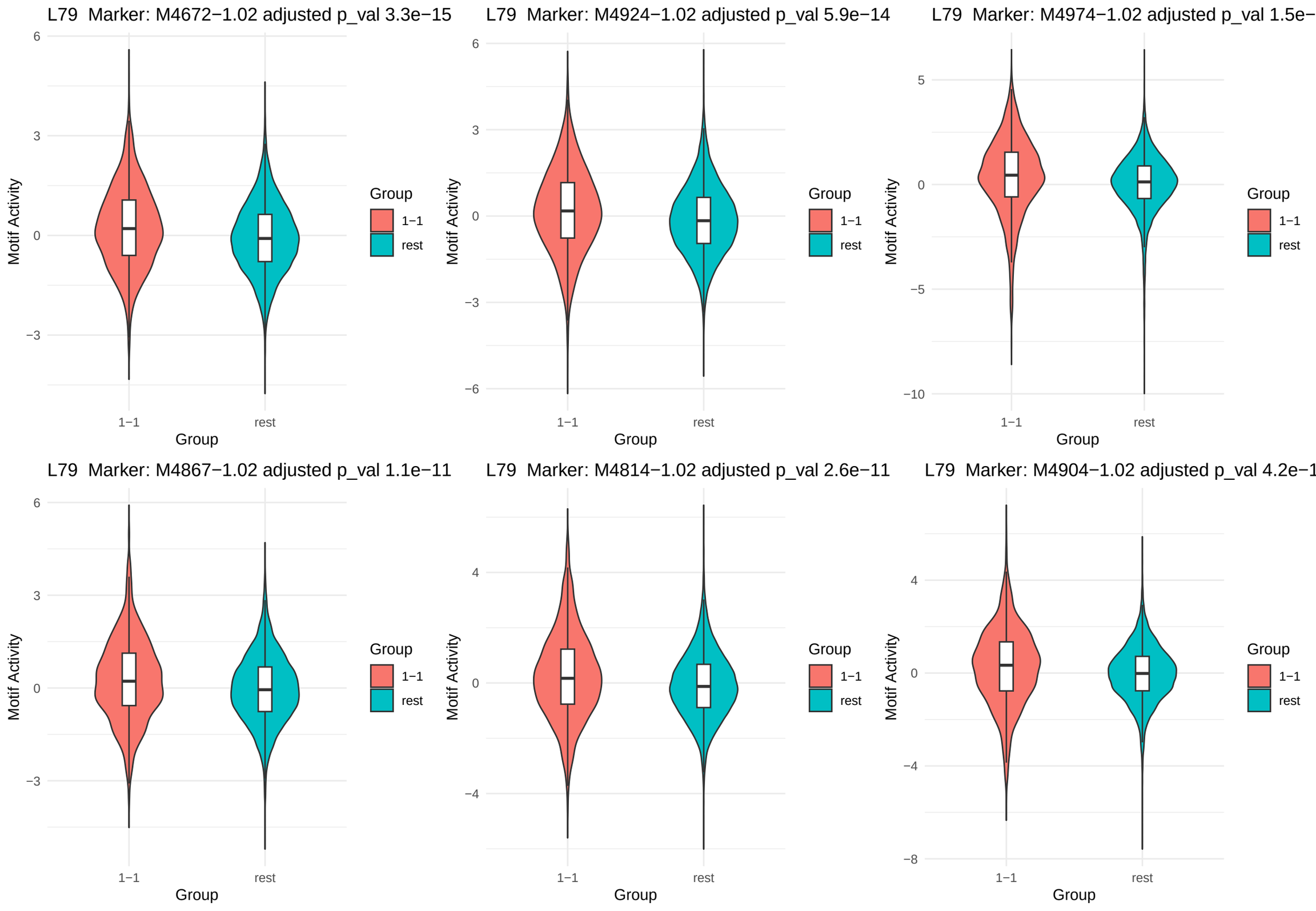

L75 Marker: M4924−1.02 adjusted p_val 6e−73
L75 Marker: M4899−1.02 adjusted p_val 1.5e−56
L75 Marker: M4938−1.02 adjusted p_val 7.7e−5
L75 Marker: M1913−1.02 adjusted p_val 2.2e−50
L75 Marker: M2013−1.02 adjusted p_val 9.3e−45
L75 Marker: M2039−1.02 adjusted p_val 3e−44
Motif Activity
Group
1−1
rest
Group
1−1
rest

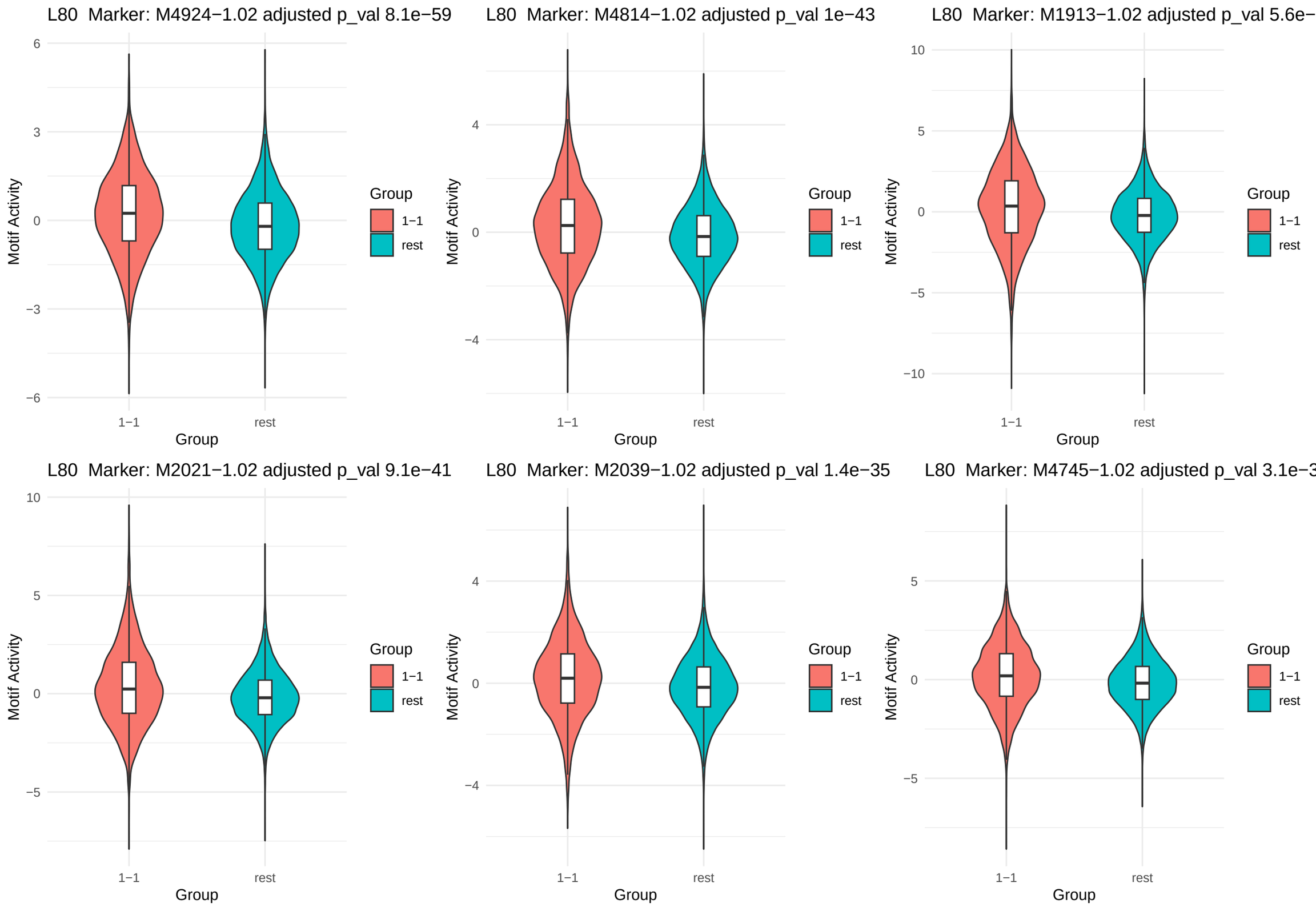

L7 Marker: M4814−1.02 adjusted p_val 4.8e−17
L7 Marker: M4811−1.02 adjusted p_val 6.8e−16
L7 Marker: M4924−1.02 adjusted p_val 2.5e−13
L7 Marker: M2021−1.02 adjusted p_val 4.3e−13
L7 Marker: M5040−1.02 adjusted p_val 9.8e−13
L7 Marker: M4867−1.02 adjusted p_val 9.1e−12
Motif Activity
Group
1−1
rest
Group
1−1
rest

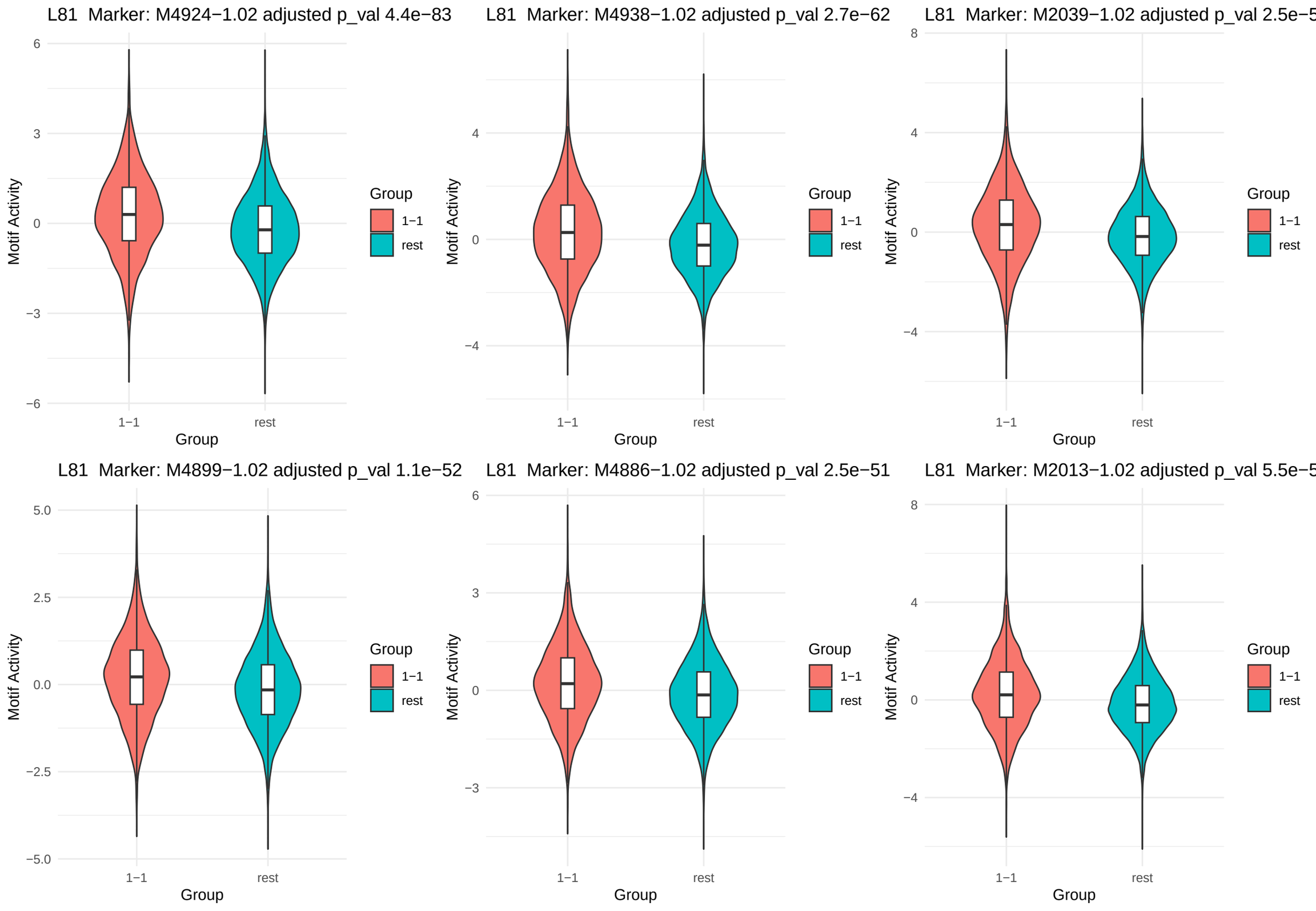

L76 Marker: M1913−1.02 adjusted p_val 3.2e−90
L76 Marker: M4745−1.02 adjusted p_val 1.9e−69
L76 Marker: M5064−1.02 adjusted p_val 1.9e−6
L76 Marker: M5273−1.02 adjusted p_val 1.9e−69
L76 Marker: M4724−1.02 adjusted p_val 3.7e−69
L76 Marker: M4725−1.02 adjusted p_val 3.7e−6
Motif Activity
Group
1−1
rest
Group
1−1
rest

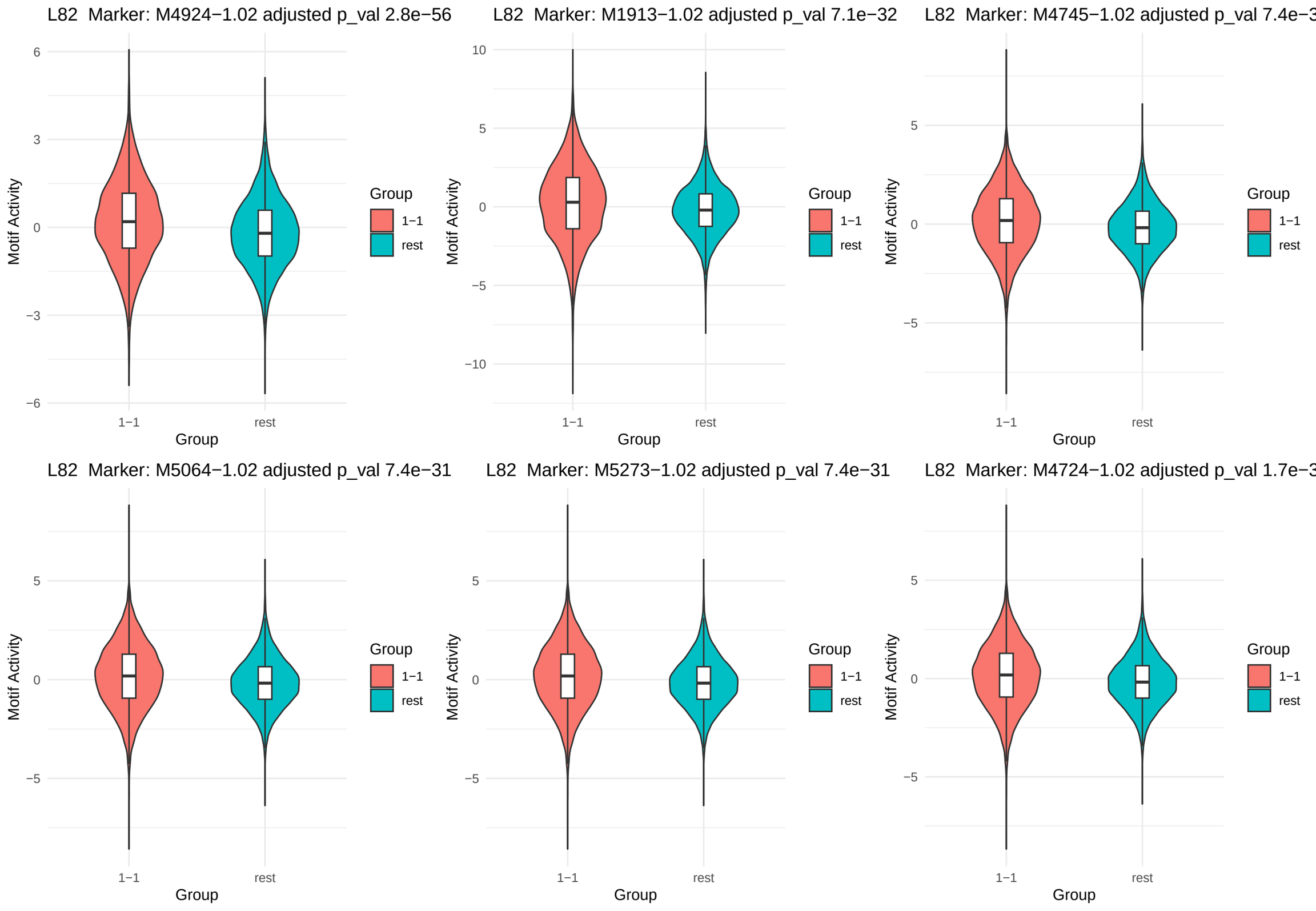

L77 Marker: M4924−1.02 adjusted p_val 2.8e−47
L77 Marker: M2021−1.02 adjusted p_val 1.6e−23
L77 Marker: M4899−1.02 adjusted p_val 4.6e−
L77 Marker: M4938−1.02 adjusted p_val 2.5e−20
L77 Marker: M4886−1.02 adjusted p_val 4.8e−20
L77 Marker: M2039−1.02 adjusted p_val 5.4e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

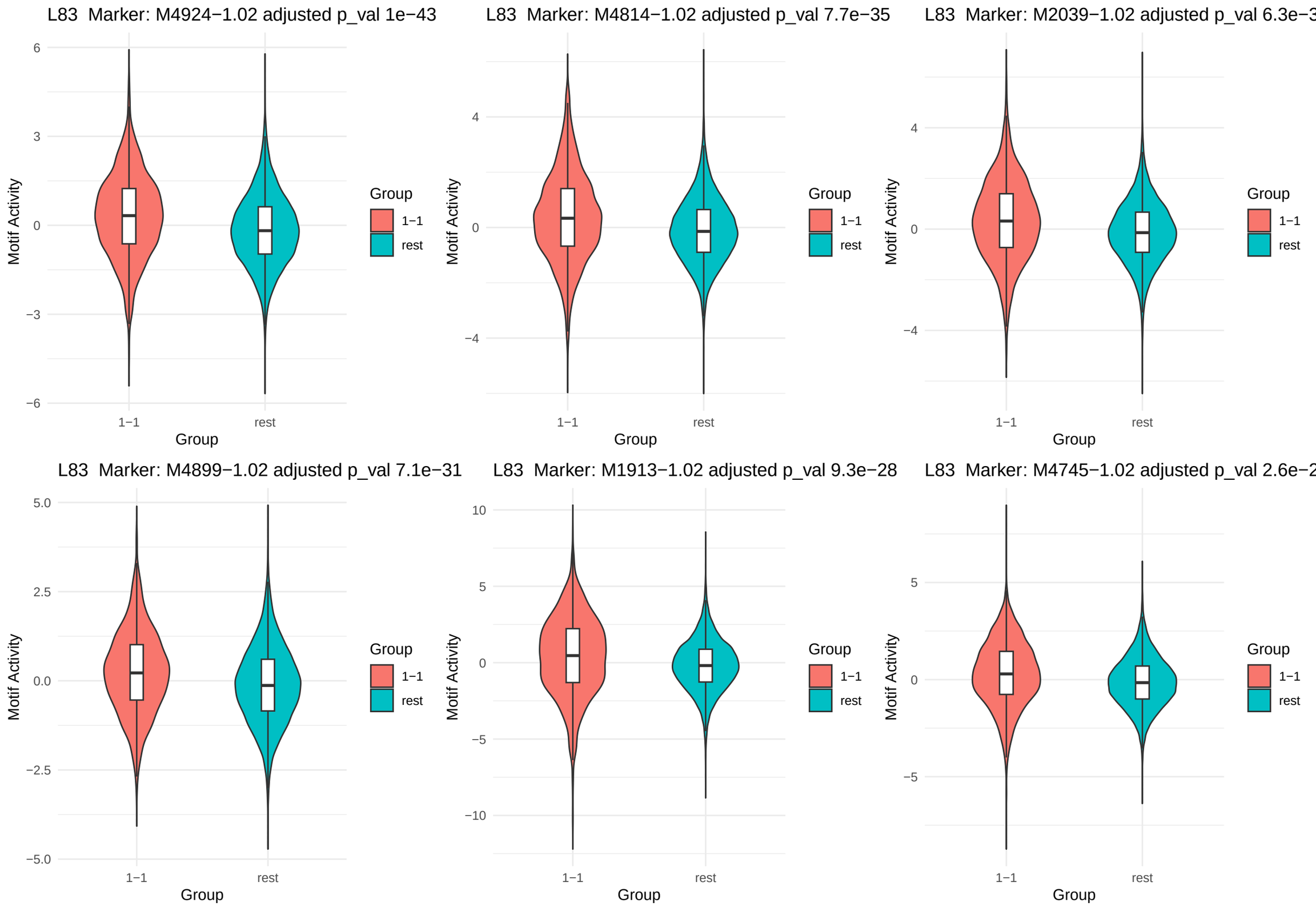

L78 Marker: M4899−1.02 adjusted p_val 7.8e−30
L78 Marker: M4886−1.02 adjusted p_val 1.1e−19
L78 Marker: M4672−1.02 adjusted p_val 2.9e−
L78 Marker: M4924−1.02 adjusted p_val 6.6e−14
L78 Marker: M0736−1.02 adjusted p_val 9.9e−14
L78 Marker: M5199−1.02 adjusted p_val 9.9e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

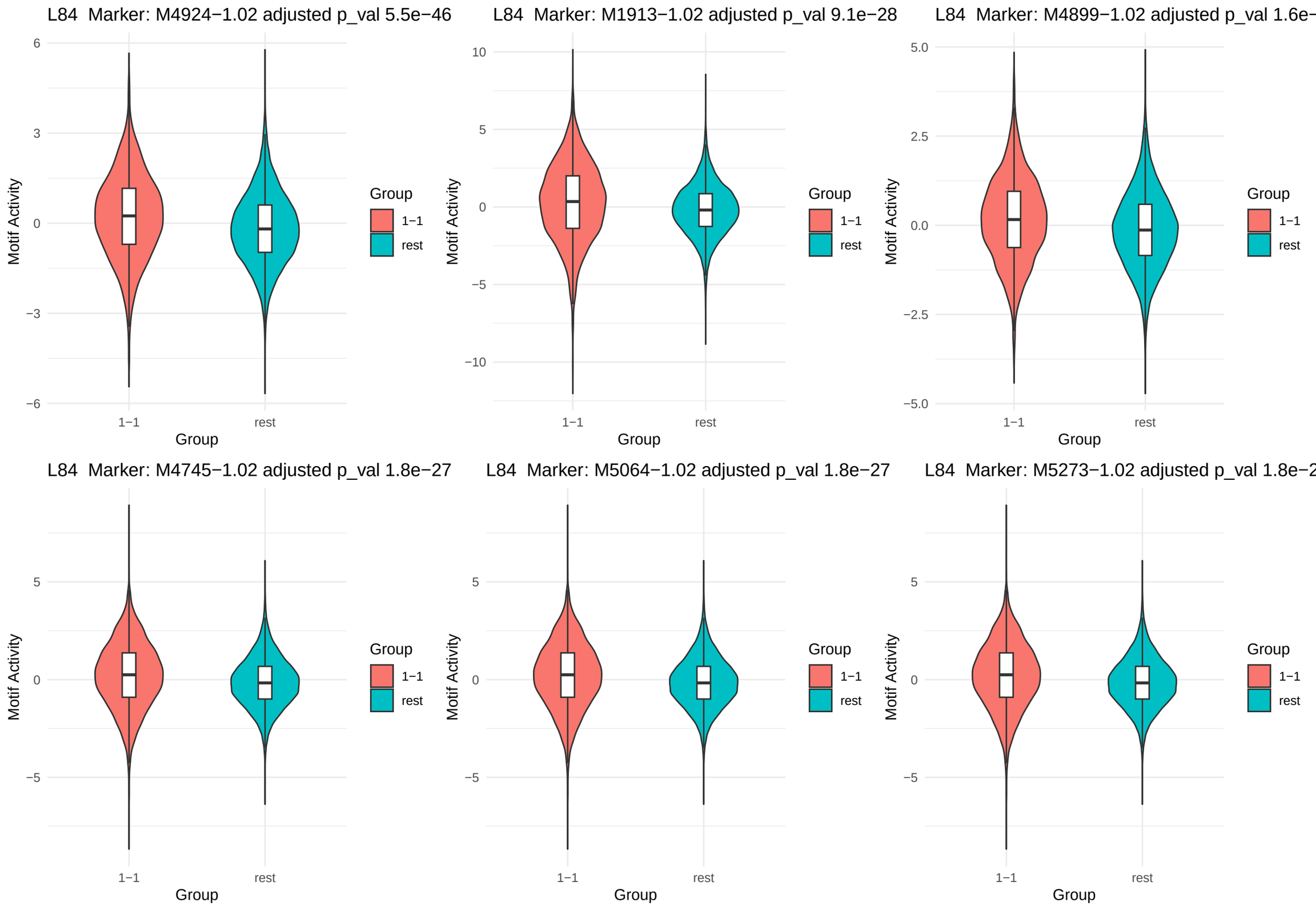

L79 Marker: M4672−1.02 adjusted p_val 3.3e−15
L79 Marker: M4924−1.02 adjusted p_val 5.9e−14
L79 Marker: M4974−1.02 adjusted p_val 1.5e−
L79 Marker: M4867−1.02 adjusted p_val 1.1e−11
L79 Marker: M4814−1.02 adjusted p_val 2.6e−11
L79 Marker: M4904−1.02 adjusted p_val 4.2e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

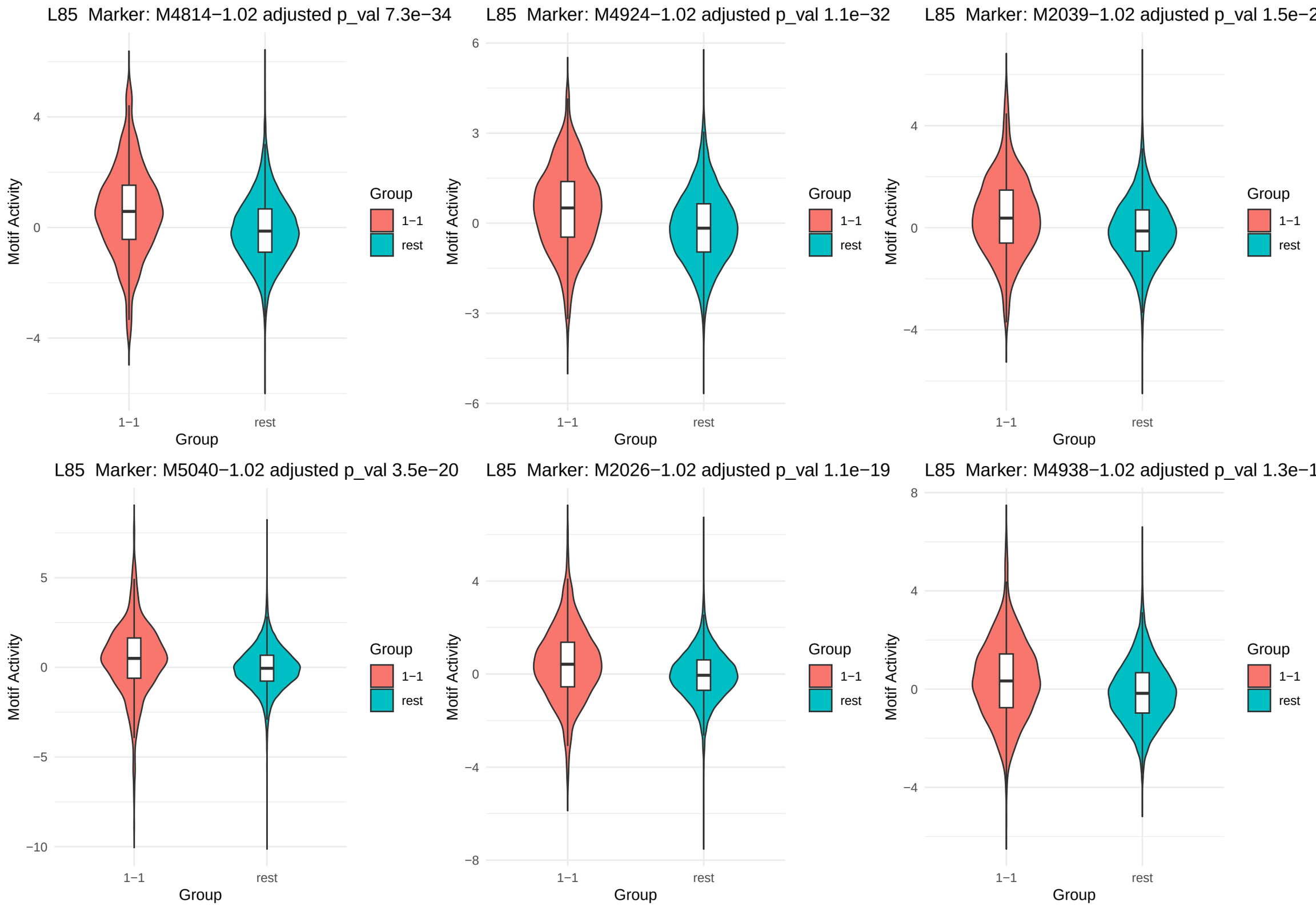

L80 Marker: M4924−1.02 adjusted p_val 8.1e−59
L80 Marker: M4814−1.02 adjusted p_val 1e−43
L80 Marker: M1913−1.02 adjusted p_val 5.6e−
L80 Marker: M2021−1.02 adjusted p_val 9.1e−41
L80 Marker: M2039−1.02 adjusted p_val 1.4e−35
L80 Marker: M4745−1.02 adjusted p_val 3.1e−3
Motif Activity
Group
1−1
rest
Group
1−1
rest

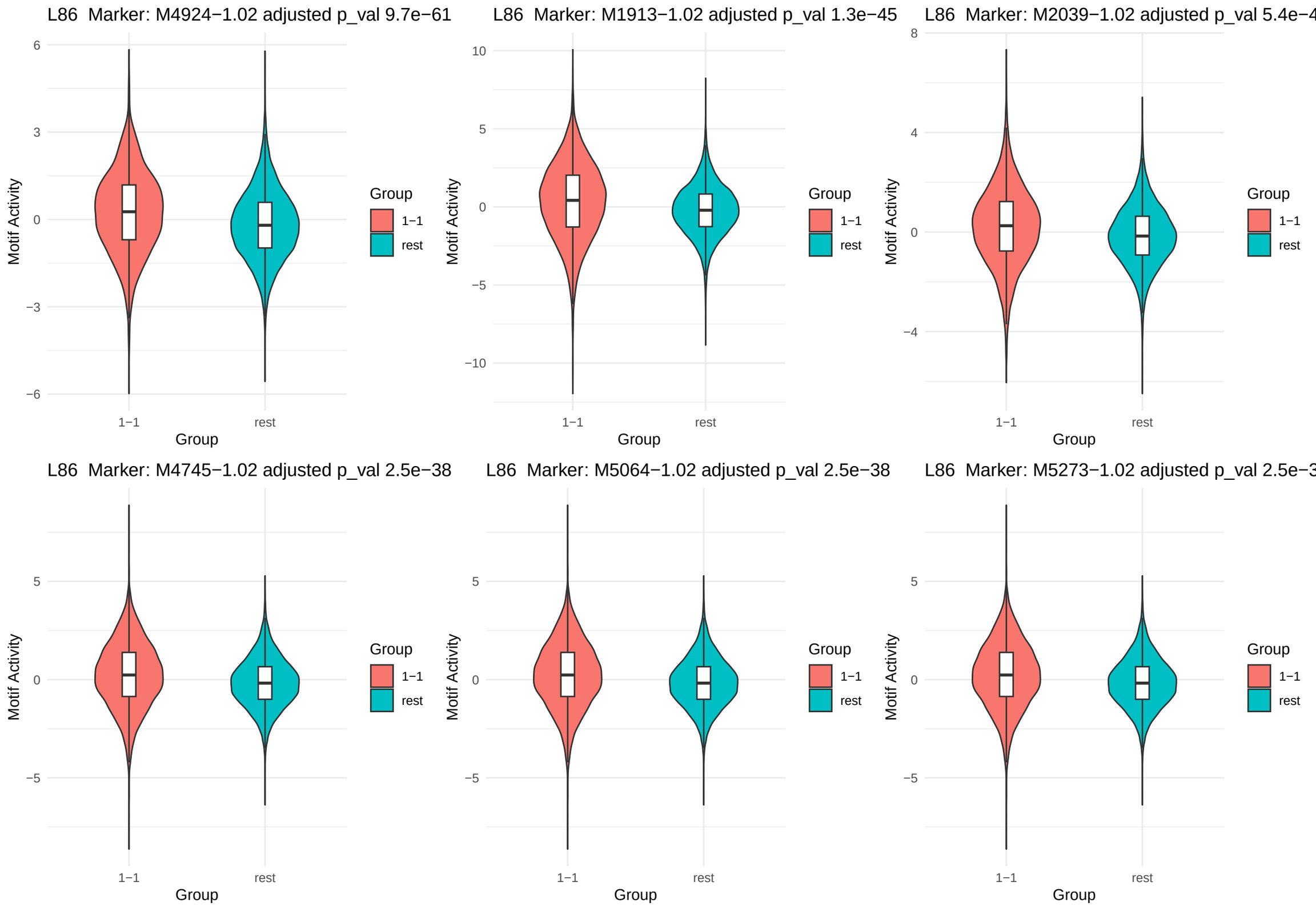

L81 Marker: M4924−1.02 adjusted p_val 4.4e−83
L81 Marker: M4938−1.02 adjusted p_val 2.7e−62
L81 Marker: M2039−1.02 adjusted p_val 2.5e−5
L81 Marker: M4899−1.02 adjusted p_val 1.1e−52
L81 Marker: M4886−1.02 adjusted p_val 2.5e−51
L81 Marker: M2013−1.02 adjusted p_val 5.5e−5
Motif Activity
Group
1−1
rest
Group
1−1
rest

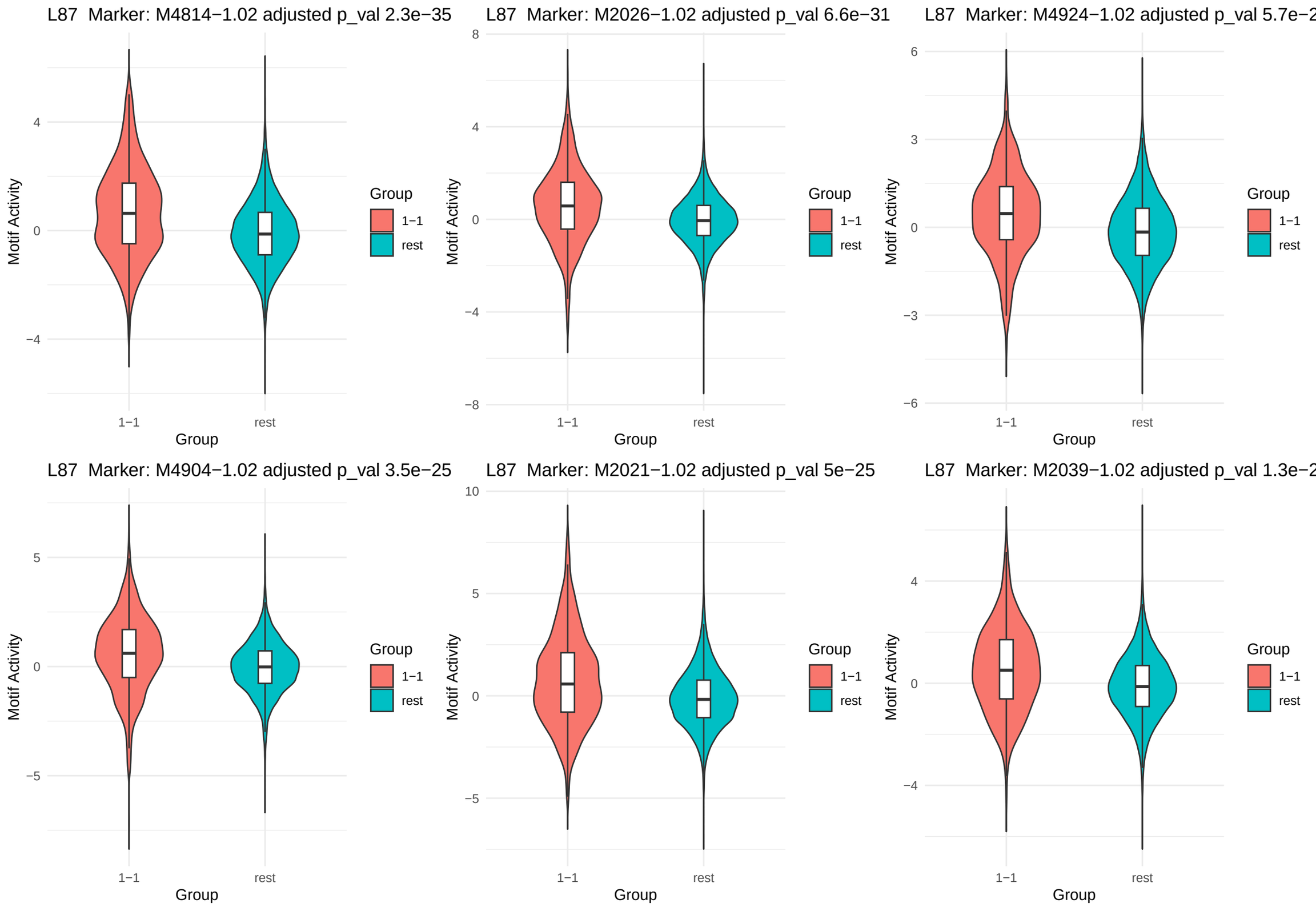

L82 Marker: M4924−1.02 adjusted p_val 2.8e−56
L82 Marker: M1913−1.02 adjusted p_val 7.1e−32
L82 Marker: M4745−1.02 adjusted p_val 7.4e−3
L82 Marker: M5064−1.02 adjusted p_val 7.4e−31
L82 Marker: M5273−1.02 adjusted p_val 7.4e−31
L82 Marker: M4724−1.02 adjusted p_val 1.7e−3
Motif Activity
Group
1−1
rest
Group
1−1
rest

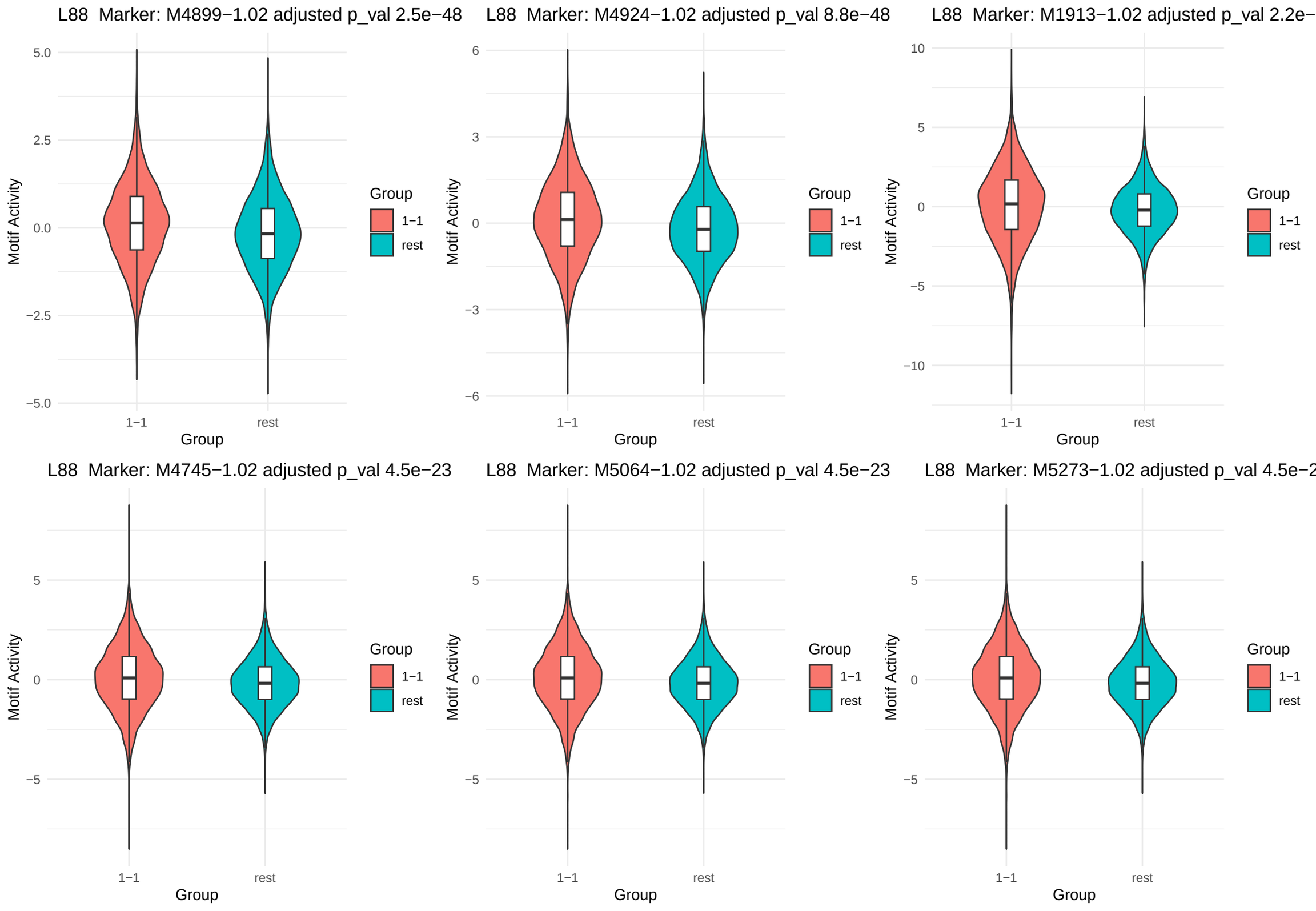

L83 Marker: M4924−1.02 adjusted p_val 1e−43
L83 Marker: M4814−1.02 adjusted p_val 7.7e−35
L83 Marker: M2039−1.02 adjusted p_val 6.3e−3
L83 Marker: M4899−1.02 adjusted p_val 7.1e−31
L83 Marker: M1913−1.02 adjusted p_val 9.3e−28
L83 Marker: M4745−1.02 adjusted p_val 2.6e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

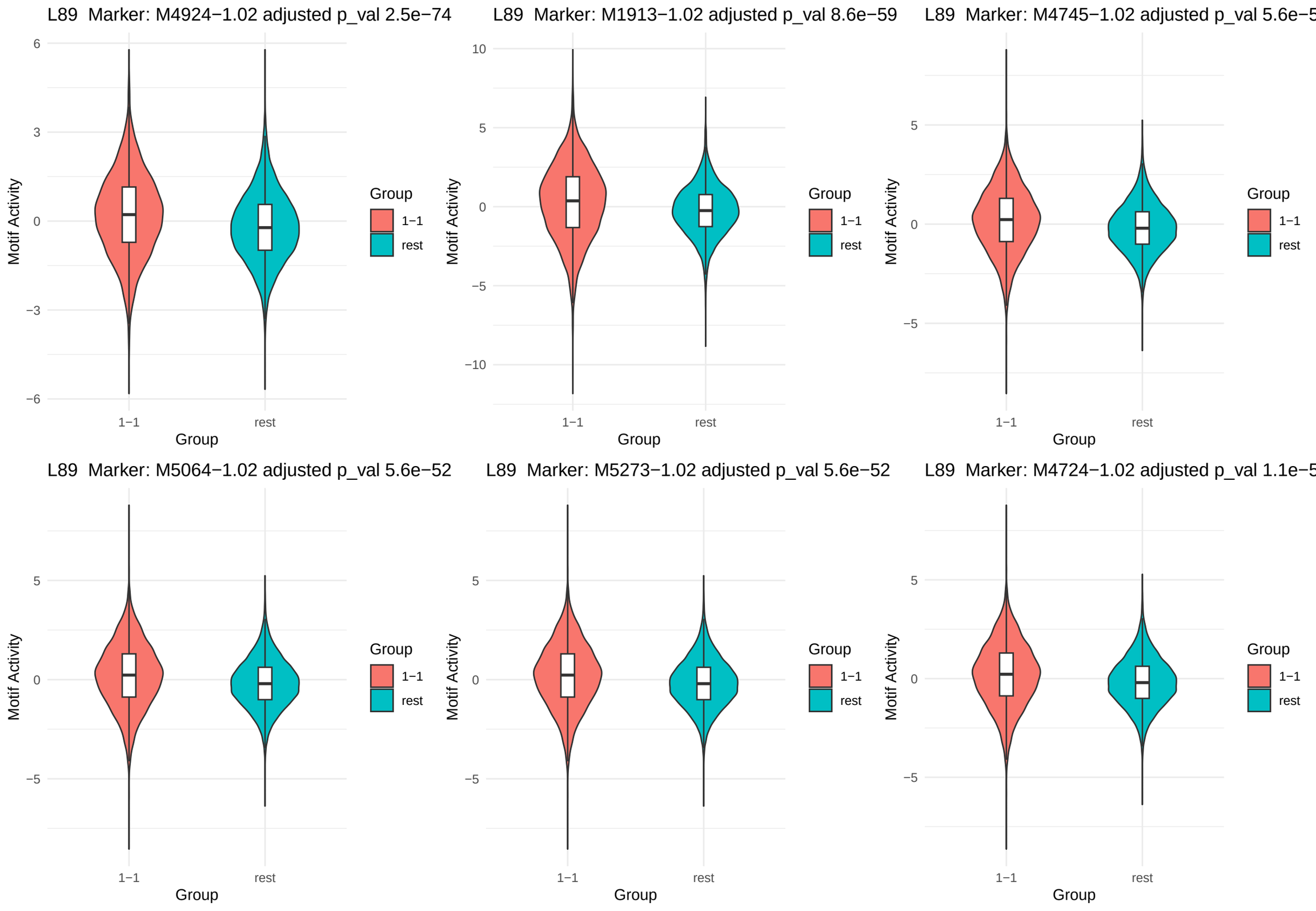

L84 Marker: M4924−1.02 adjusted p_val 5.5e−46
L84 Marker: M1913−1.02 adjusted p_val 9.1e−28
L84 Marker: M4899−1.02 adjusted p_val 1.6e−
L84 Marker: M4745−1.02 adjusted p_val 1.8e−27
L84 Marker: M5064−1.02 adjusted p_val 1.8e−27
L84 Marker: M5273−1.02 adjusted p_val 1.8e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

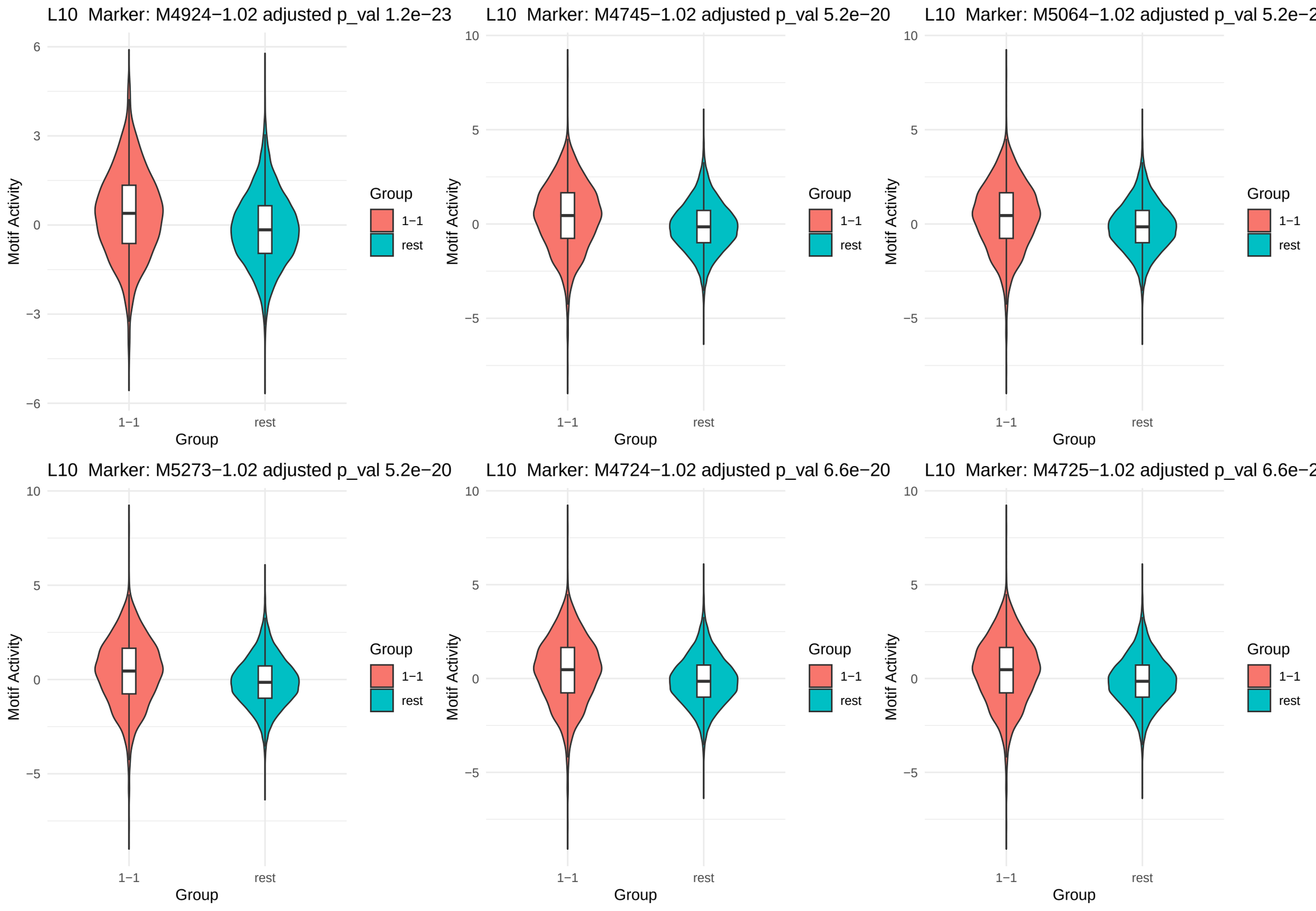

L85 Marker: M4814−1.02 adjusted p_val 7.3e−34
L85 Marker: M4924−1.02 adjusted p_val 1.1e−32
L85 Marker: M2039−1.02 adjusted p_val 1.5e−2
L85 Marker: M5040−1.02 adjusted p_val 3.5e−20
L85 Marker: M2026−1.02 adjusted p_val 1.1e−19
L85 Marker: M4938−1.02 adjusted p_val 1.3e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

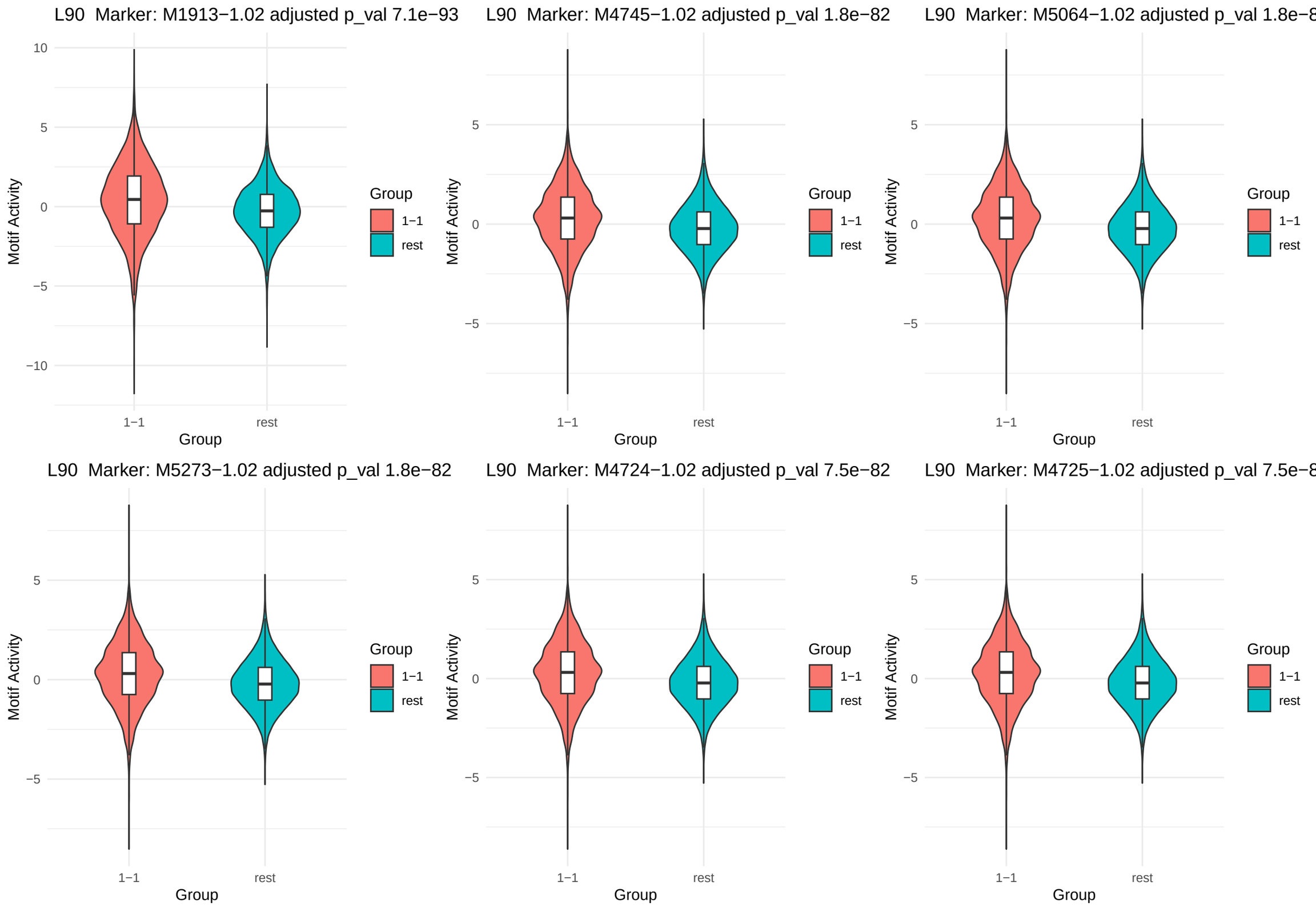

L86 Marker: M4924−1.02 adjusted p_val 9.7e−61
L86 Marker: M1913−1.02 adjusted p_val 1.3e−45
L86 Marker: M2039−1.02 adjusted p_val 5.4e−4
L86 Marker: M4745−1.02 adjusted p_val 2.5e−38
L86 Marker: M5064−1.02 adjusted p_val 2.5e−38
L86 Marker: M5273−1.02 adjusted p_val 2.5e−3
Motif Activity
Group
1−1
rest
Group
1−1
rest

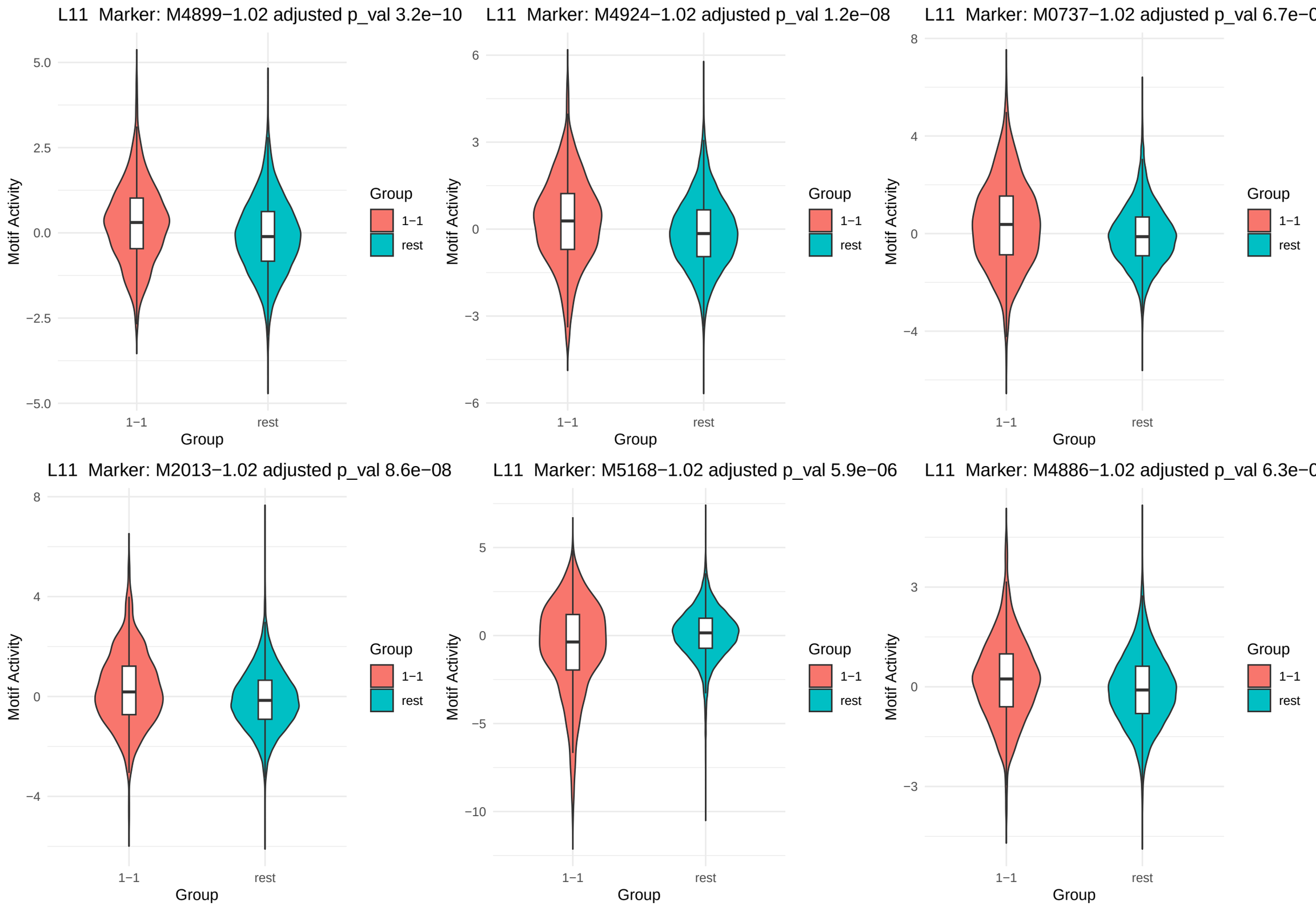

L87 Marker: M4814−1.02 adjusted p_val 2.3e−35
L87 Marker: M2026−1.02 adjusted p_val 6.6e−31
L87 Marker: M4924−1.02 adjusted p_val 5.7e−2
L87 Marker: M4904−1.02 adjusted p_val 3.5e−25
L87 Marker: M2021−1.02 adjusted p_val 5e−25
L87 Marker: M2039−1.02 adjusted p_val 1.3e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

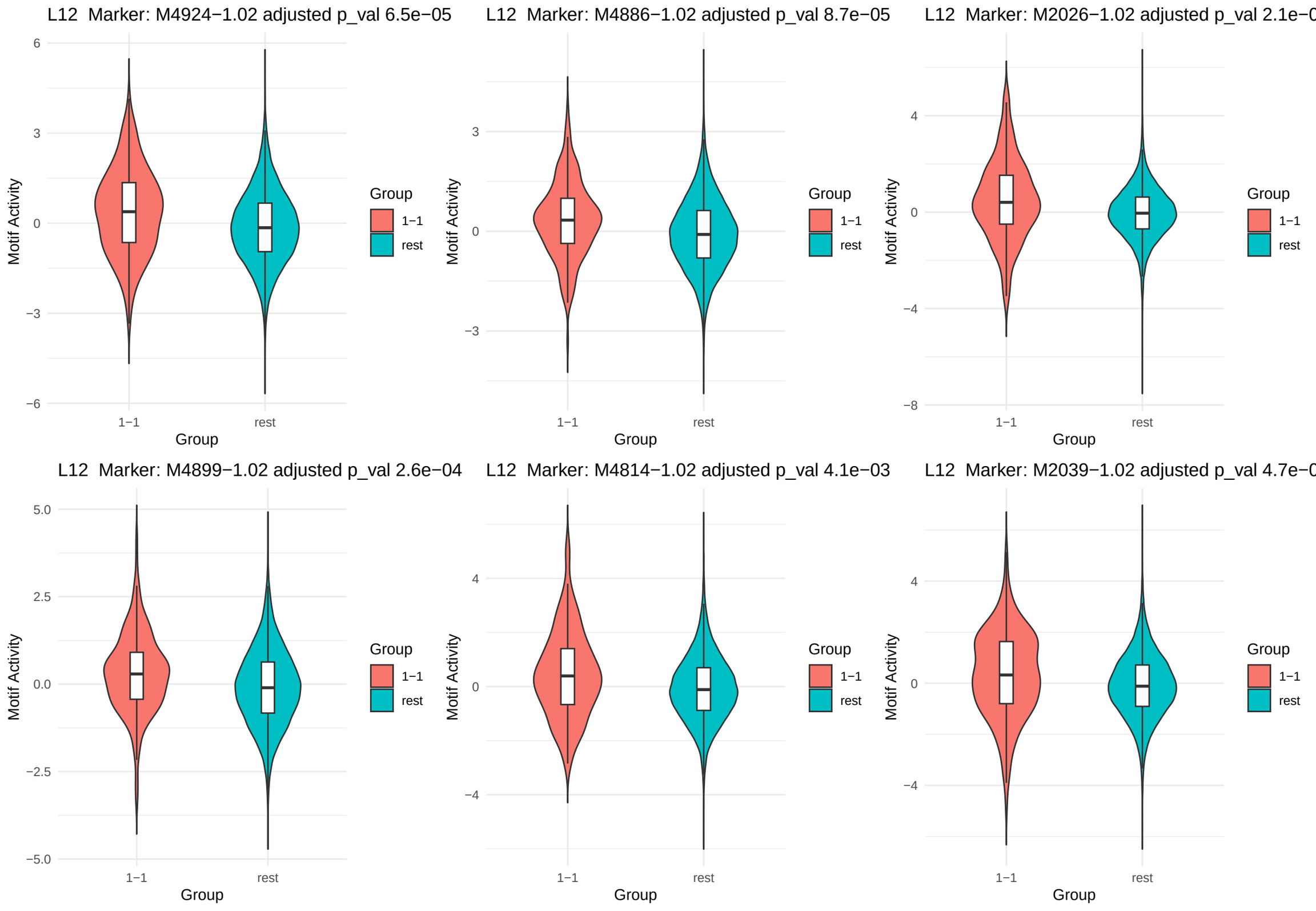

L88 Marker: M4899−1.02 adjusted p_val 2.5e−48
L88 Marker: M4924−1.02 adjusted p_val 8.8e−48
L88 Marker: M1913−1.02 adjusted p_val 2.2e−
L88 Marker: M4745−1.02 adjusted p_val 4.5e−23
L88 Marker: M5064−1.02 adjusted p_val 4.5e−23
L88 Marker: M5273−1.02 adjusted p_val 4.5e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

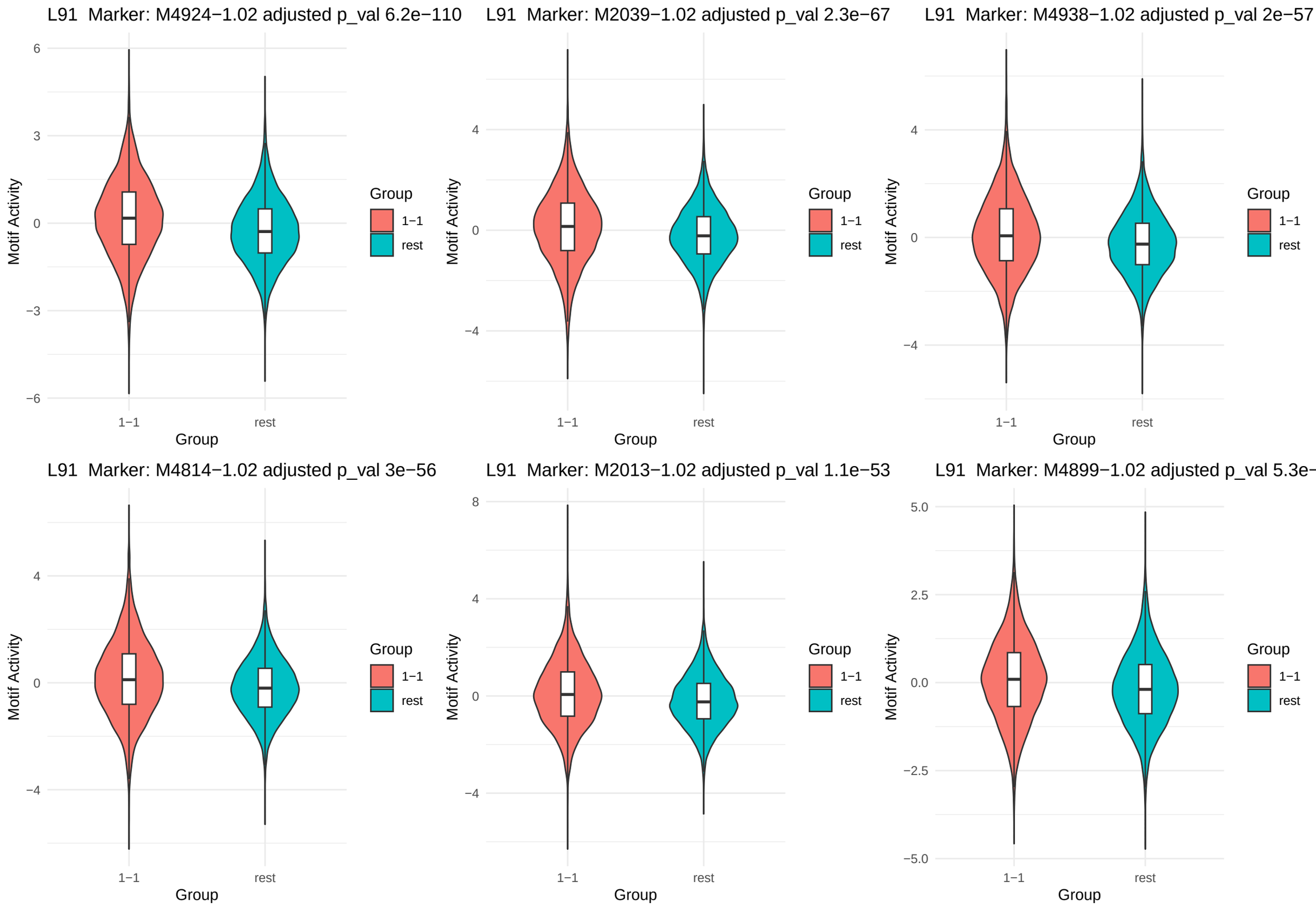

L89 Marker: M4924−1.02 adjusted p_val 2.5e−74
L89 Marker: M1913−1.02 adjusted p_val 8.6e−59
L89 Marker: M4745−1.02 adjusted p_val 5.6e−5
L89 Marker: M5064−1.02 adjusted p_val 5.6e−52
L89 Marker: M5273−1.02 adjusted p_val 5.6e−52
L89 Marker: M4724−1.02 adjusted p_val 1.1e−5
Motif Activity
Group
1−1
rest
Group
1−1
rest

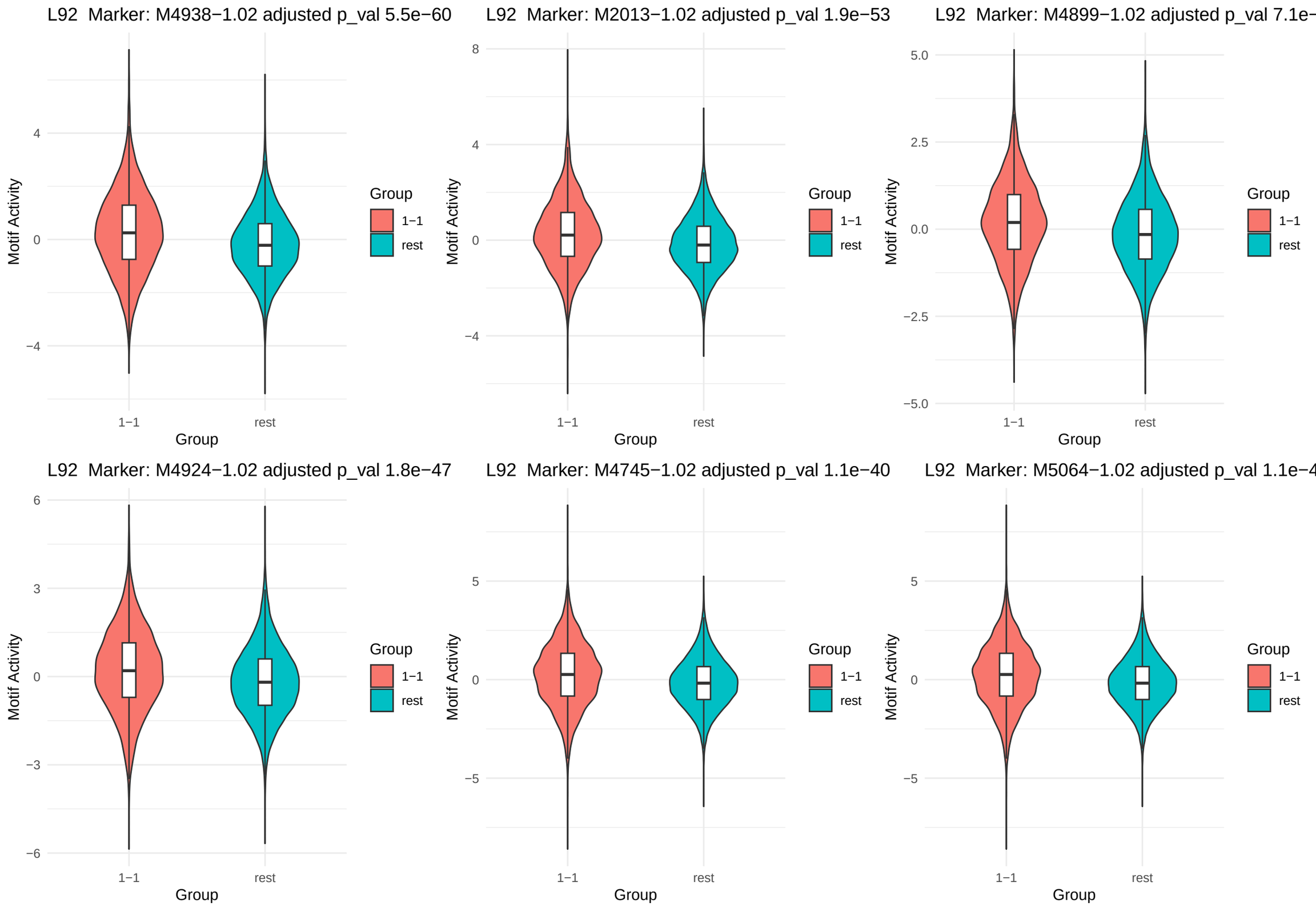

L10 Marker: M4924−1.02 adjusted p_val 1.2e−23
L10 Marker: M4745−1.02 adjusted p_val 5.2e−20
L10 Marker: M5064−1.02 adjusted p_val 5.2e−2
L10 Marker: M5273−1.02 adjusted p_val 5.2e−20
L10 Marker: M4724−1.02 adjusted p_val 6.6e−20
L10 Marker: M4725−1.02 adjusted p_val 6.6e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

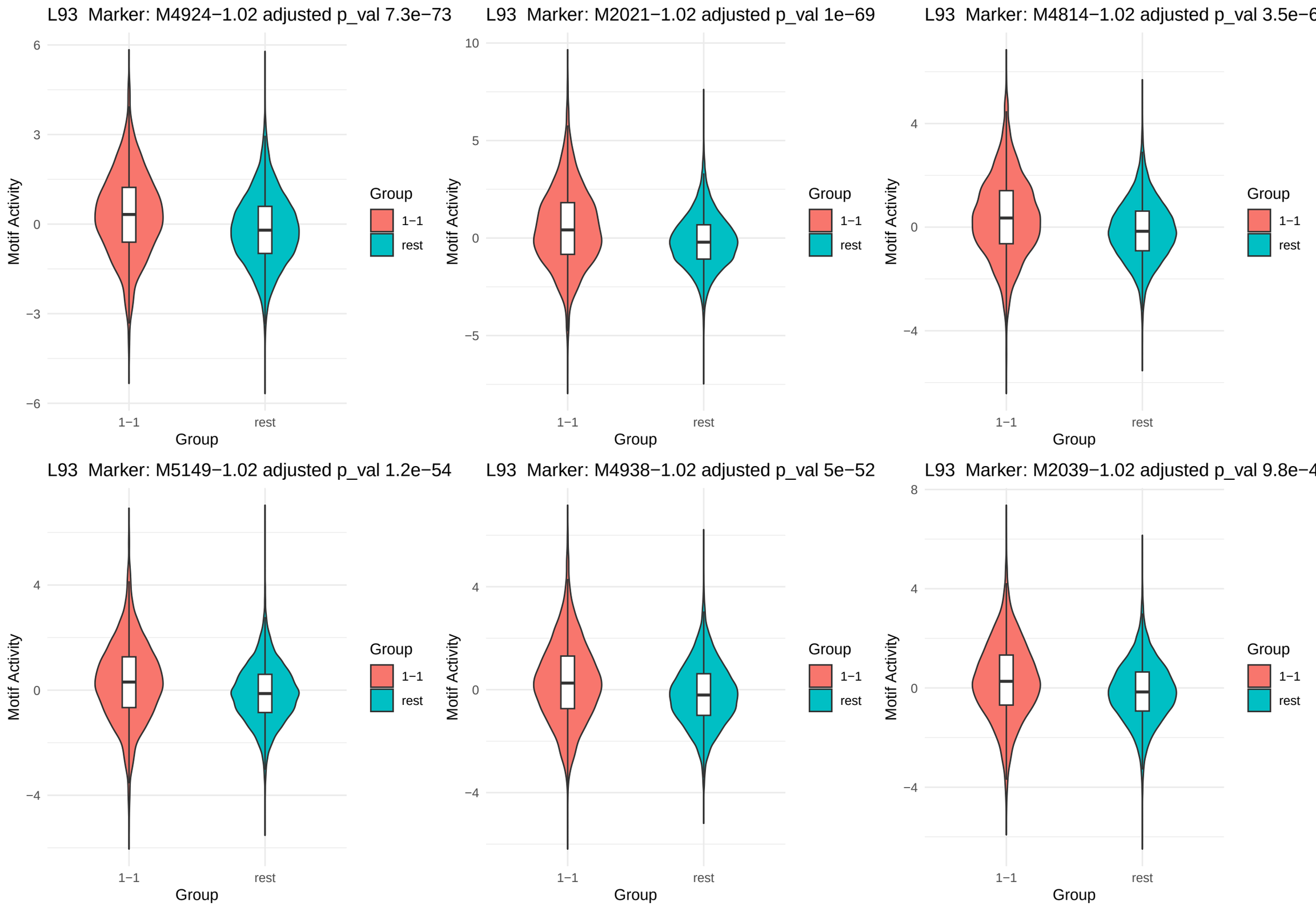

L90 Marker: M1913−1.02 adjusted p_val 7.1e−93
L90 Marker: M4745−1.02 adjusted p_val 1.8e−82
L90 Marker: M5064−1.02 adjusted p_val 1.8e−8
L90 Marker: M5273−1.02 adjusted p_val 1.8e−82
L90 Marker: M4724−1.02 adjusted p_val 7.5e−82
L90 Marker: M4725−1.02 adjusted p_val 7.5e−8
Motif Activity
Group
1−1
rest
Group
1−1
rest

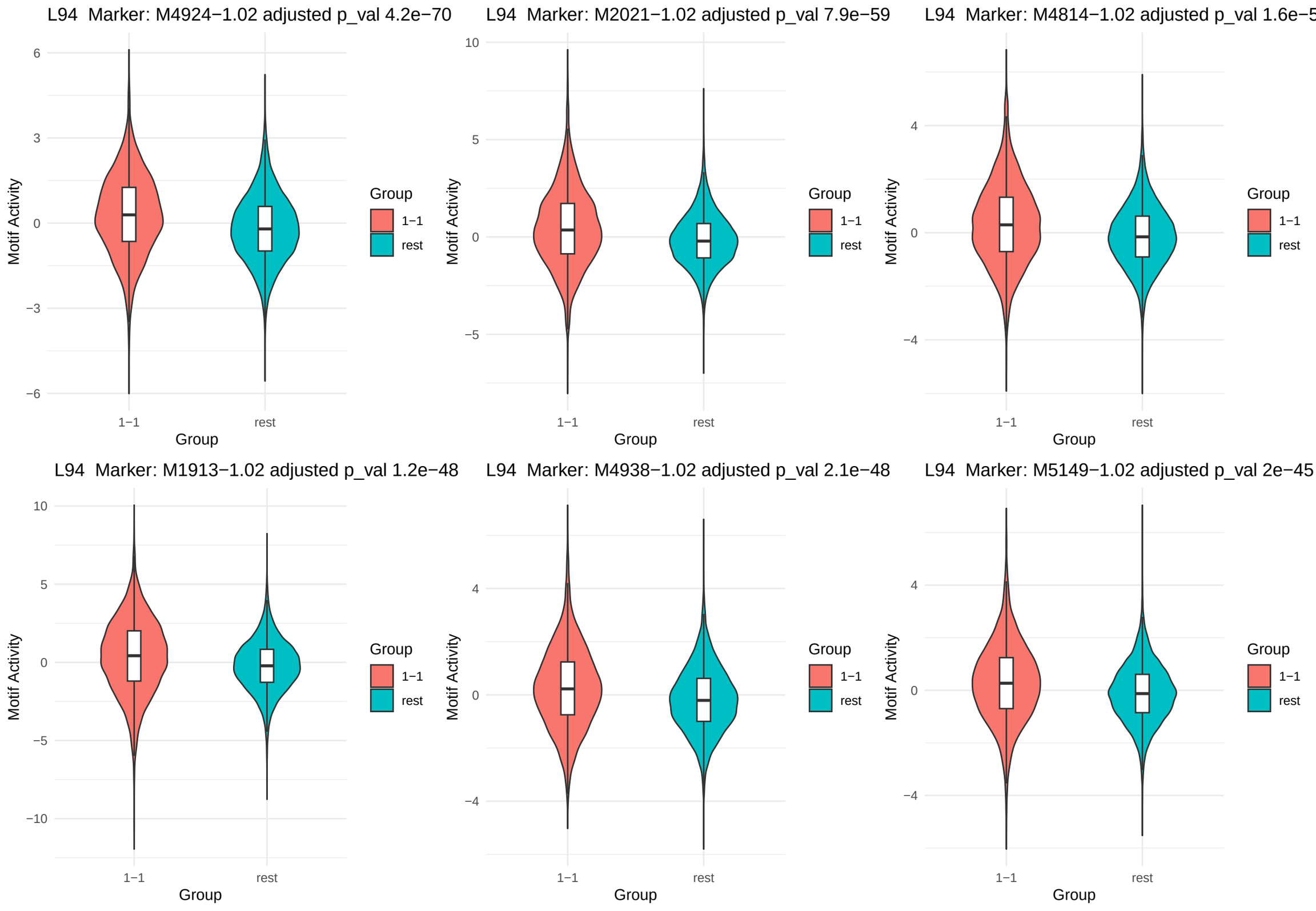

L11 Marker: M4899−1.02 adjusted p_val 3.2e−10
L11 Marker: M4924−1.02 adjusted p_val 1.2e−08
L11 Marker: M0737−1.02 adjusted p_val 6.7e−0
L11 Marker: M2013−1.02 adjusted p_val 8.6e−08
L11 Marker: M5168−1.02 adjusted p_val 5.9e−06
L11 Marker: M4886−1.02 adjusted p_val 6.3e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

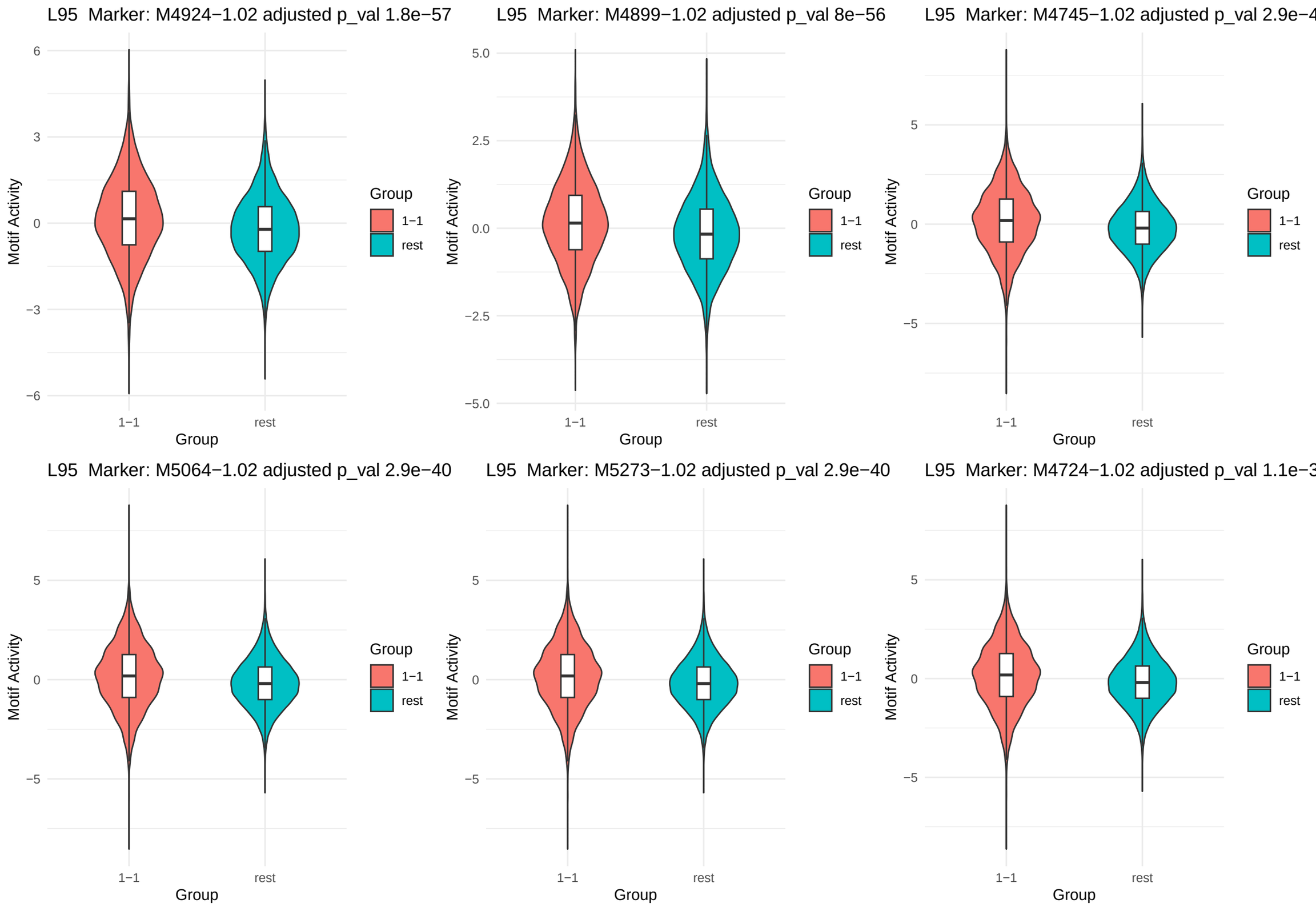

L12 Marker: M4924−1.02 adjusted p_val 6.5e−05
L12 Marker: M4886−1.02 adjusted p_val 8.7e−05
L12 Marker: M2026−1.02 adjusted p_val 2.1e−0
L12 Marker: M4899−1.02 adjusted p_val 2.6e−04
L12 Marker: M4814−1.02 adjusted p_val 4.1e−03
L12 Marker: M2039−1.02 adjusted p_val 4.7e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

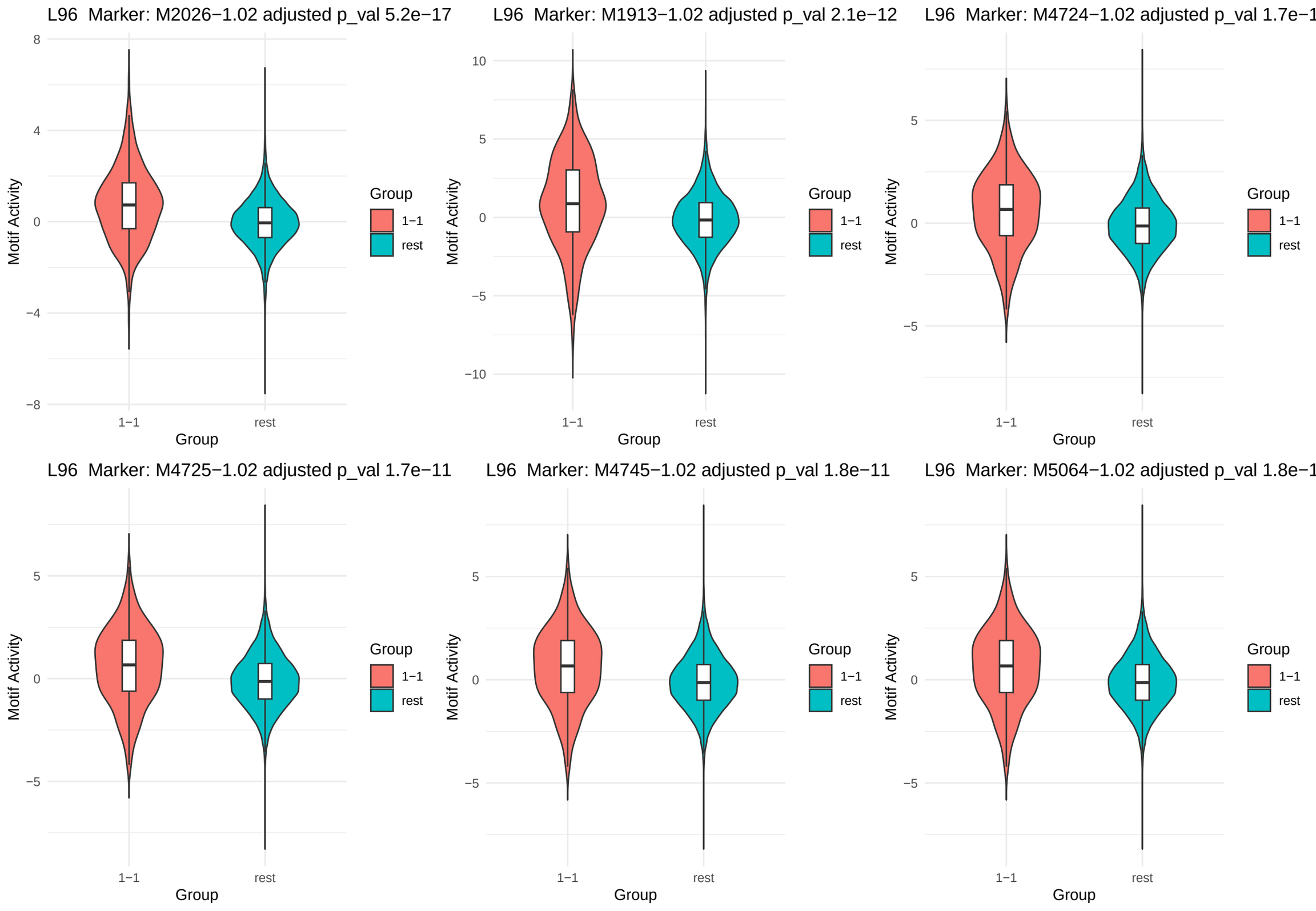

L91 Marker: M4924−1.02 adjusted p_val 6.2e−110
L91 Marker: M2039−1.02 adjusted p_val 2.3e−67
L91 Marker: M4938−1.02 adjusted p_val 2e−57
L91 Marker: M4814−1.02 adjusted p_val 3e−56
L91 Marker: M2013−1.02 adjusted p_val 1.1e−53
L91 Marker: M4899−1.02 adjusted p_val 5.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

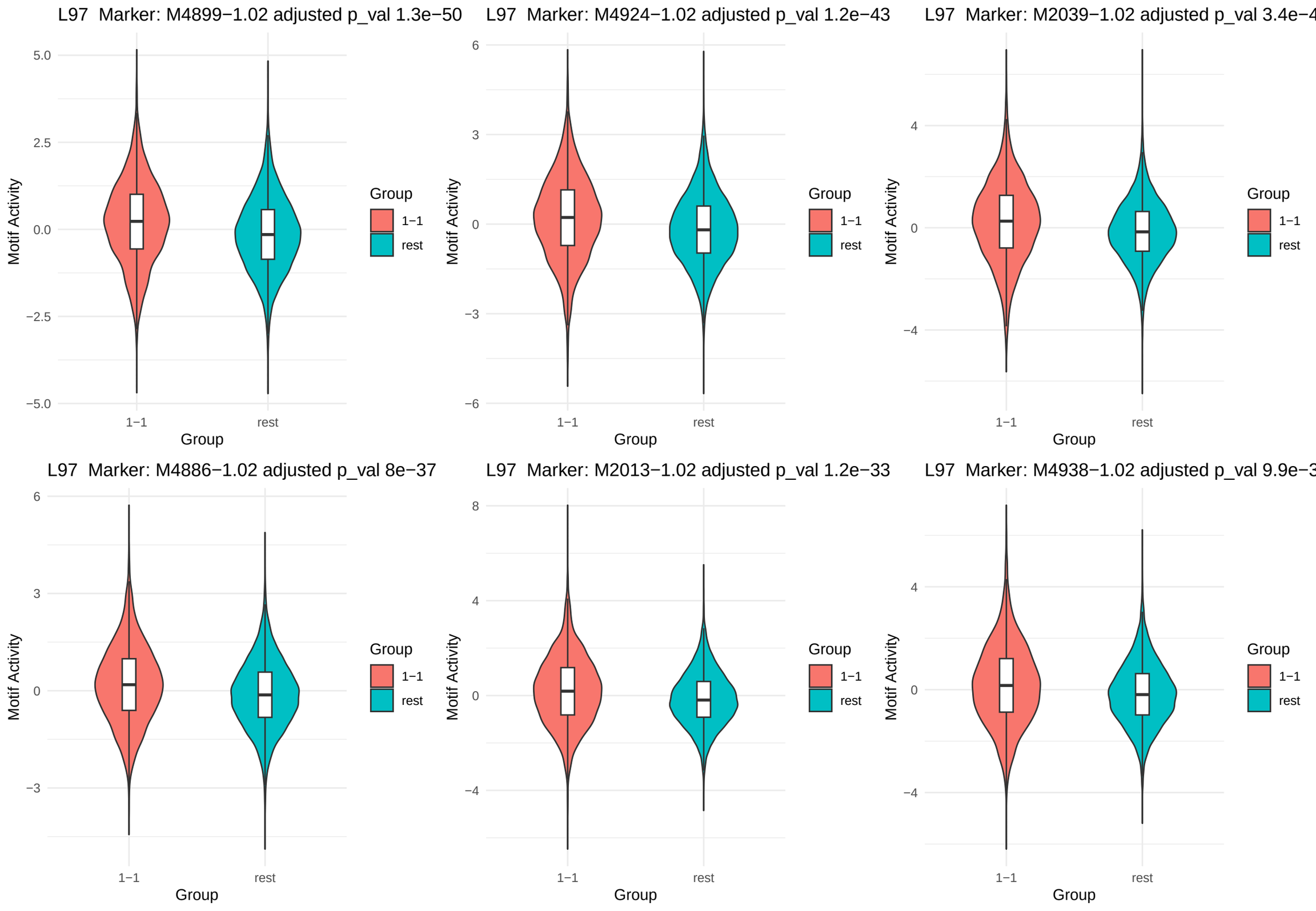

L92 Marker: M4938−1.02 adjusted p_val 5.5e−60
L92 Marker: M2013−1.02 adjusted p_val 1.9e−53
L92 Marker: M4899−1.02 adjusted p_val 7.1e−
L92 Marker: M4924−1.02 adjusted p_val 1.8e−47
L92 Marker: M4745−1.02 adjusted p_val 1.1e−40
L92 Marker: M5064−1.02 adjusted p_val 1.1e−4
Motif Activity
Group
1−1
rest
Group
1−1
rest

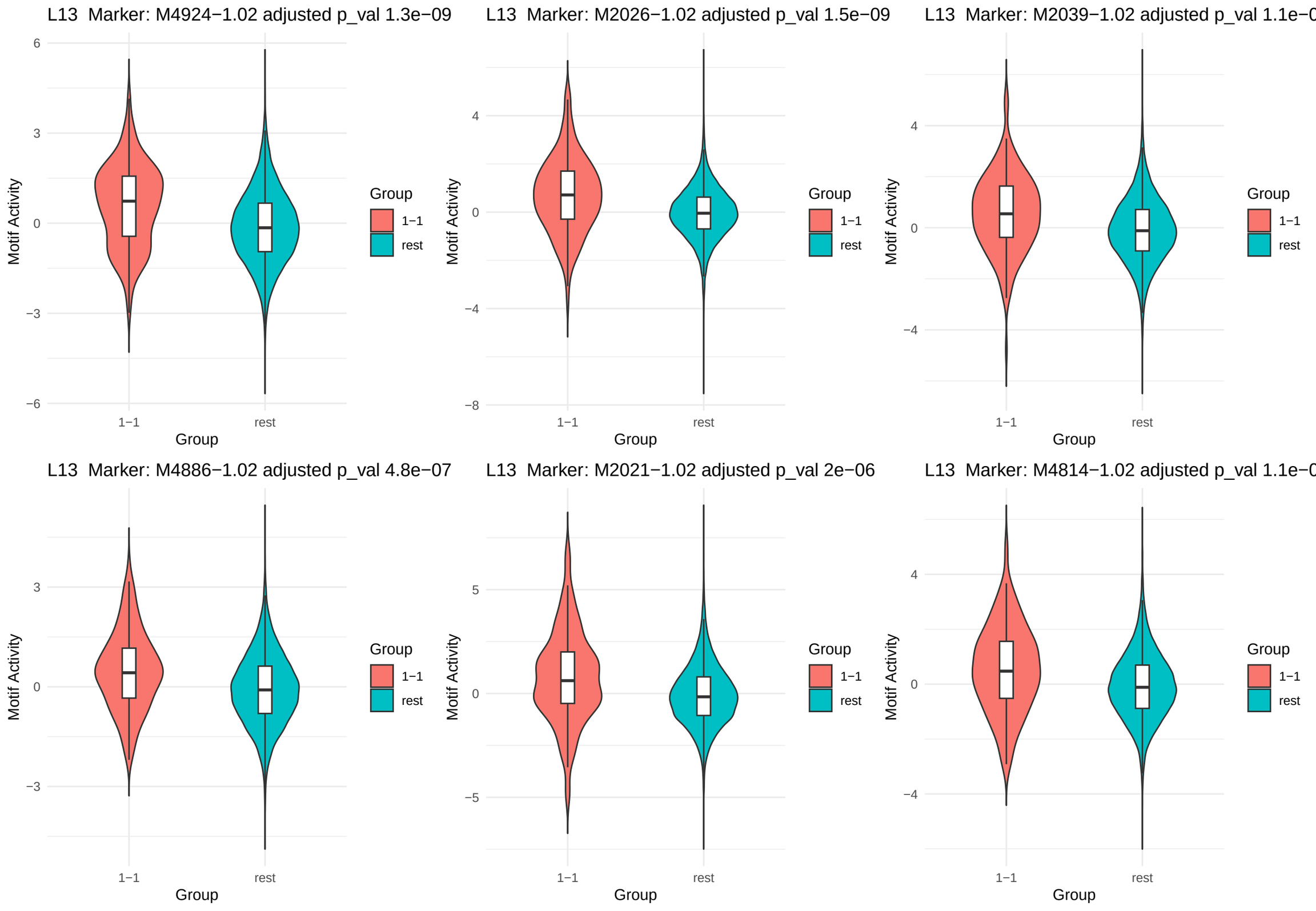

L93 Marker: M4924−1.02 adjusted p_val 7.3e−73
L93 Marker: M2021−1.02 adjusted p_val 1e−69
L93 Marker: M4814−1.02 adjusted p_val 3.5e−6
L93 Marker: M5149−1.02 adjusted p_val 1.2e−54
L93 Marker: M4938−1.02 adjusted p_val 5e−52
L93 Marker: M2039−1.02 adjusted p_val 9.8e−4
Motif Activity
Group
1−1
rest
Group
1−1
rest

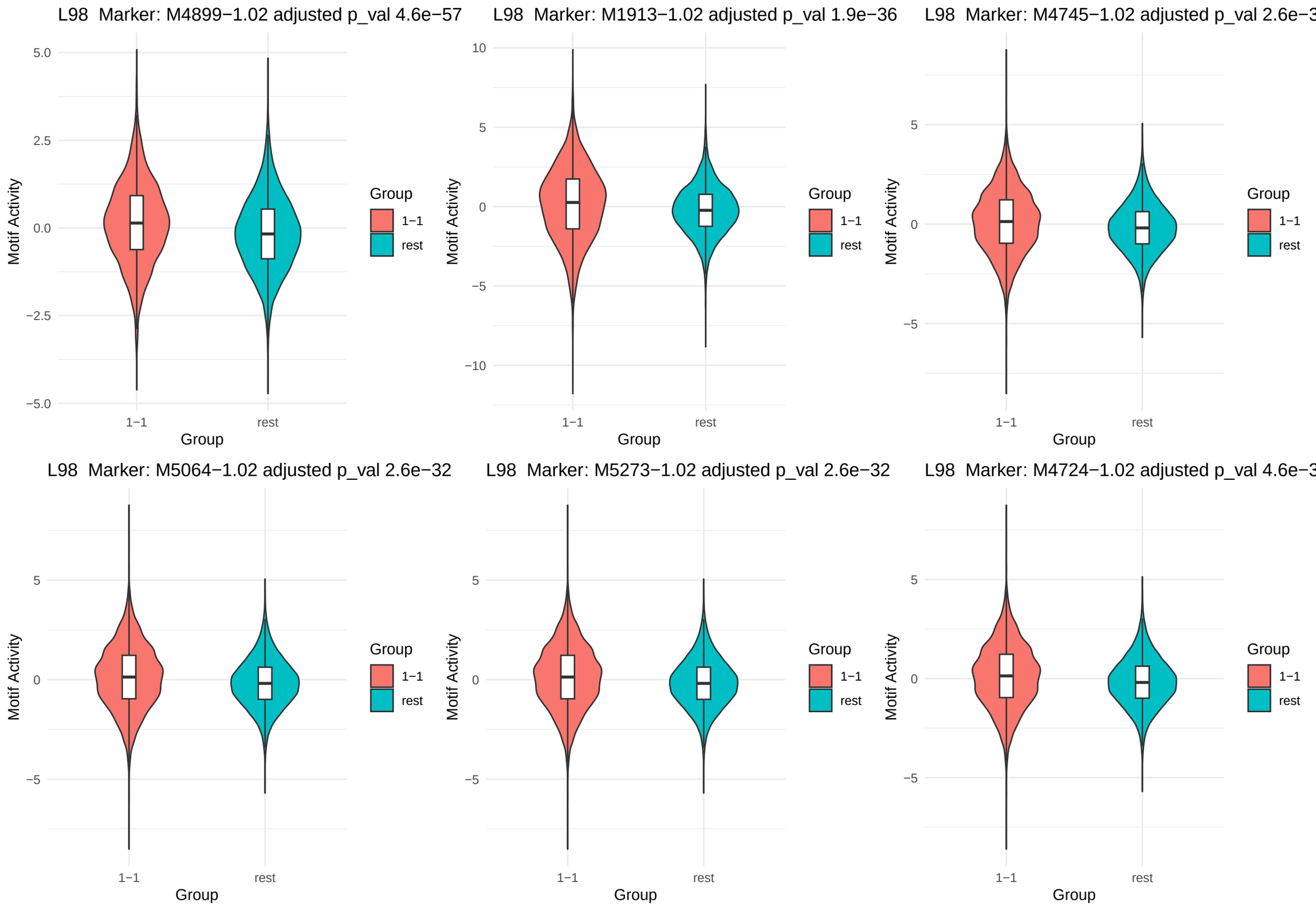

L94 Marker: M4924−1.02 adjusted p_val 4.2e−70
L94 Marker: M2021−1.02 adjusted p_val 7.9e−59
L94 Marker: M4814−1.02 adjusted p_val 1.6e−5
L94 Marker: M1913−1.02 adjusted p_val 1.2e−48
L94 Marker: M4938−1.02 adjusted p_val 2.1e−48
L94 Marker: M5149−1.02 adjusted p_val 2e−45
Motif Activity
Group
1−1
rest
Group
1−1
rest

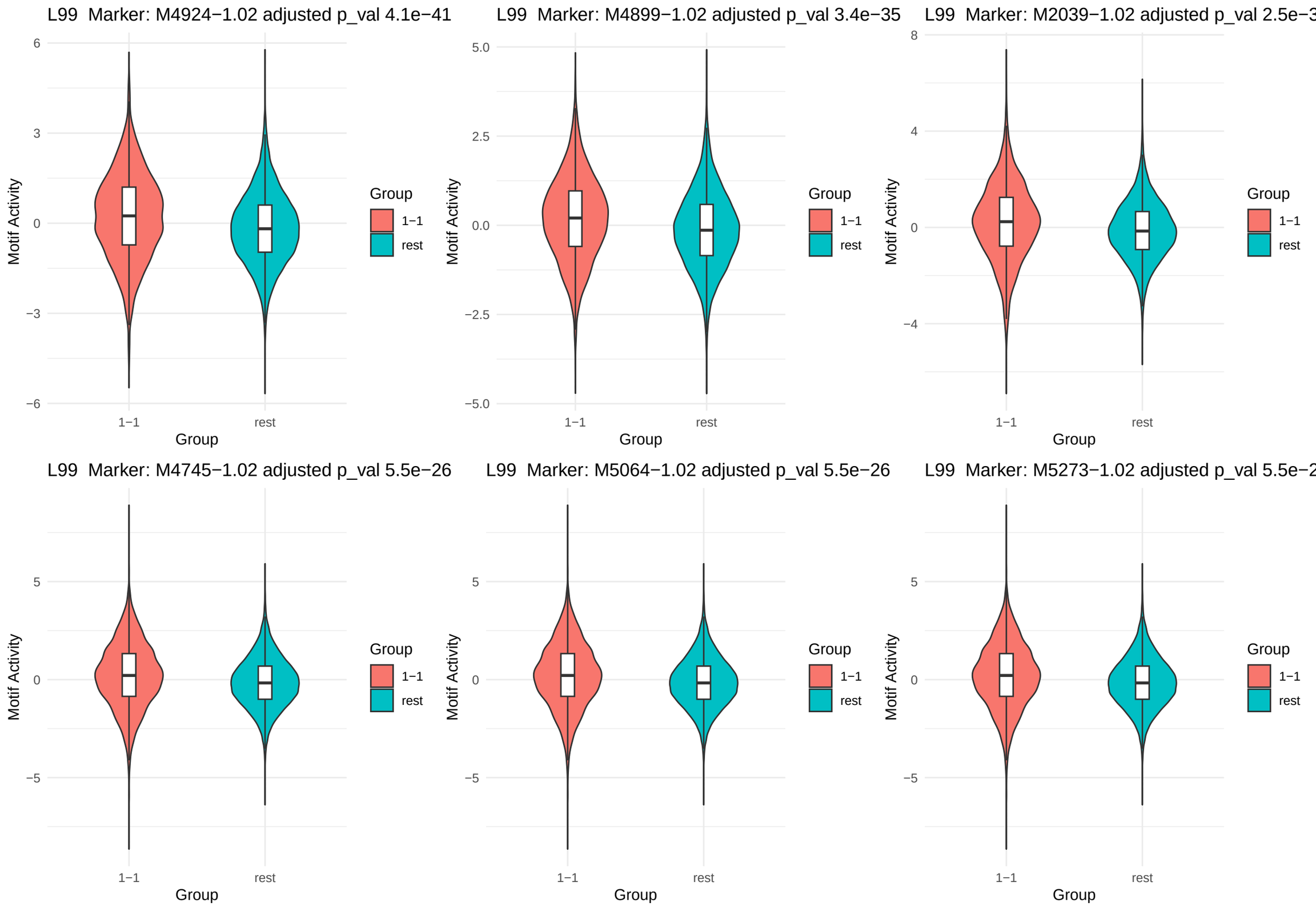

L95 Marker: M4924−1.02 adjusted p_val 1.8e−57
L95 Marker: M4899−1.02 adjusted p_val 8e−56
L95 Marker: M4745−1.02 adjusted p_val 2.9e−4
L95 Marker: M5064−1.02 adjusted p_val 2.9e−40
L95 Marker: M5273−1.02 adjusted p_val 2.9e−40
L95 Marker: M4724−1.02 adjusted p_val 1.1e−3
Motif Activity
Group
1−1
rest
Group
1−1
rest

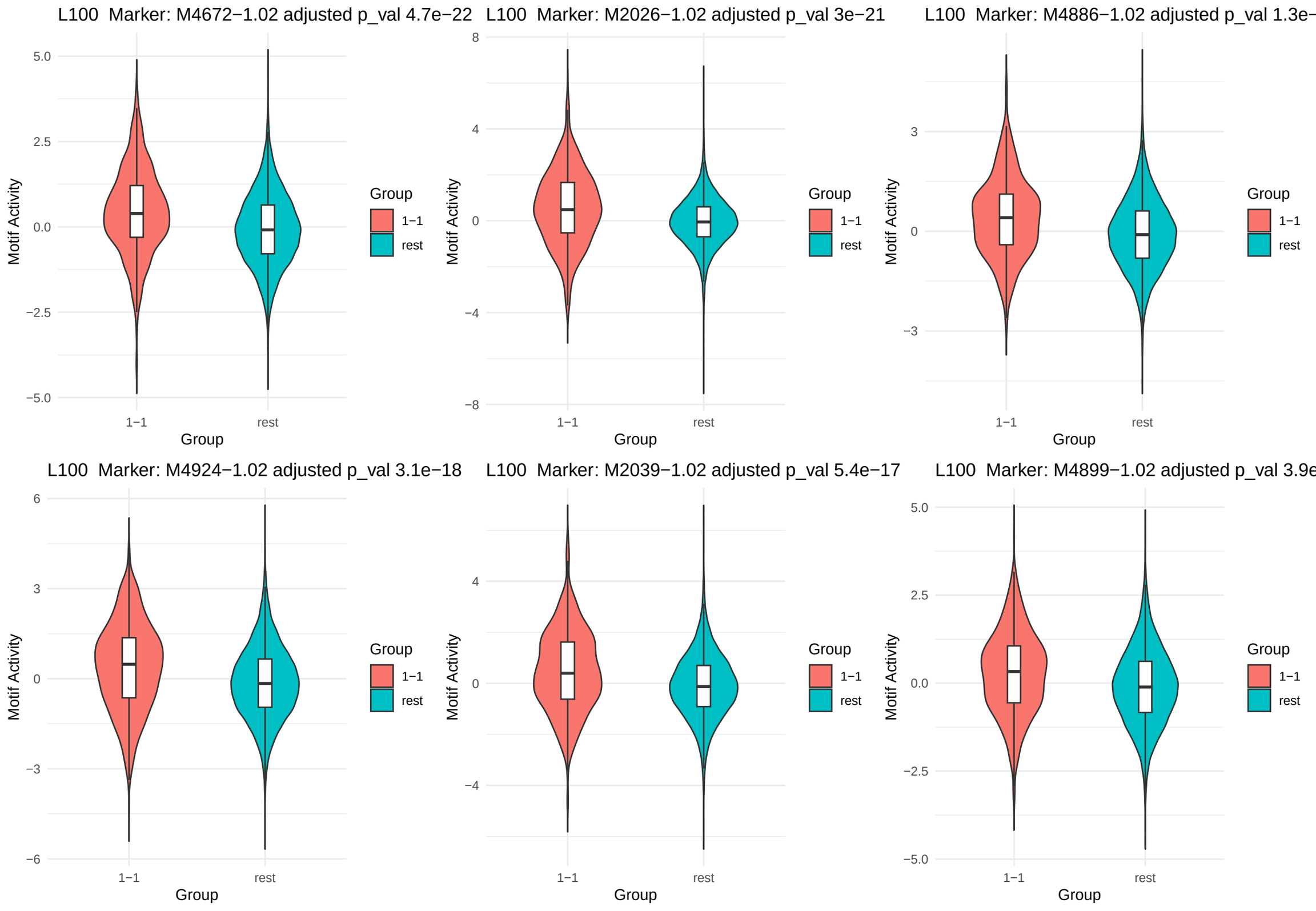

L96 Marker: M2026−1.02 adjusted p_val 5.2e−17
L96 Marker: M1913−1.02 adjusted p_val 2.1e−12
L96 Marker: M4724−1.02 adjusted p_val 1.7e−1
L96 Marker: M4725−1.02 adjusted p_val 1.7e−11
L96 Marker: M4745−1.02 adjusted p_val 1.8e−11
L96 Marker: M5064−1.02 adjusted p_val 1.8e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

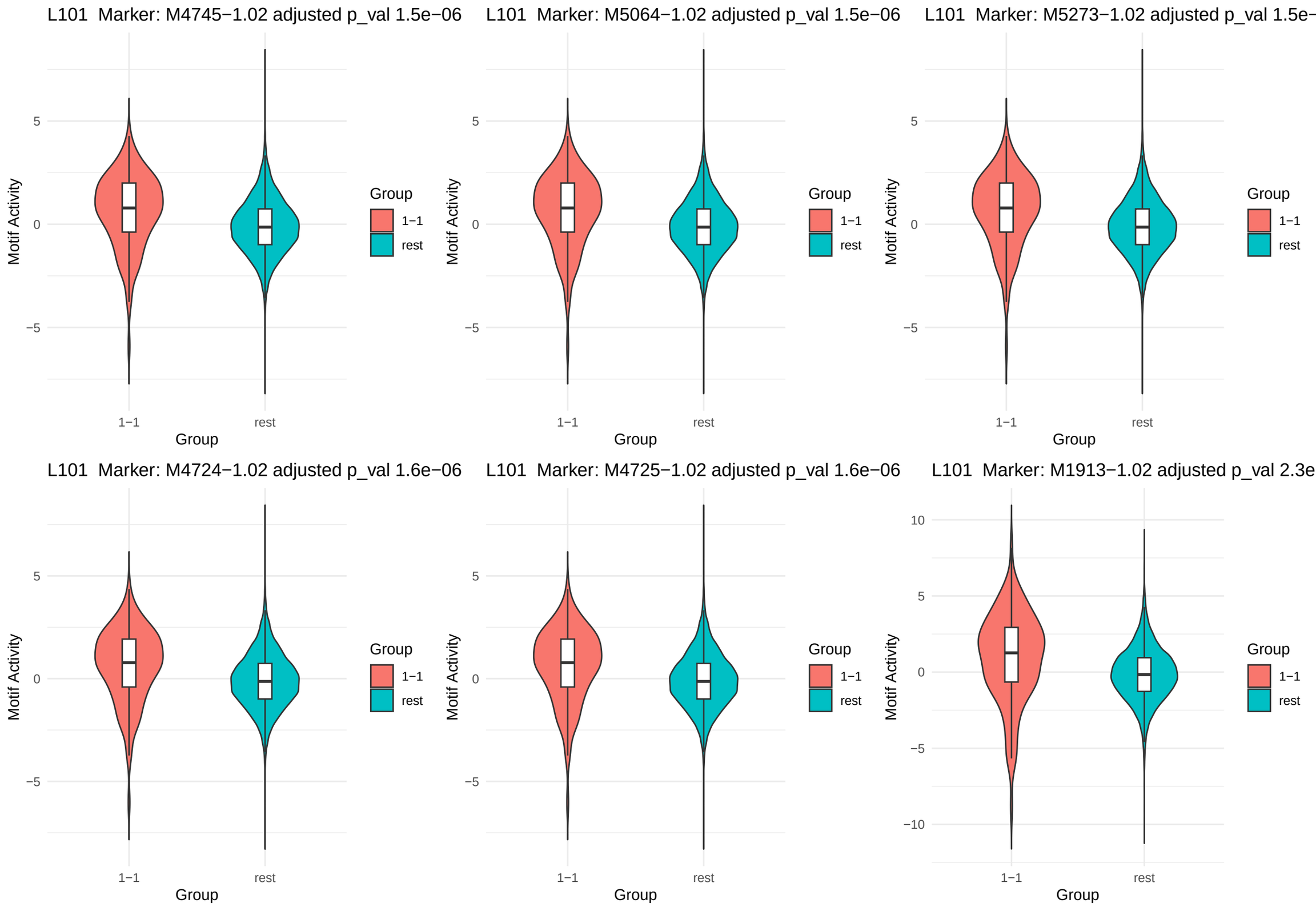

L97 Marker: M4899−1.02 adjusted p_val 1.3e−50
L97 Marker: M4924−1.02 adjusted p_val 1.2e−43
L97 Marker: M2039−1.02 adjusted p_val 3.4e−4
L97 Marker: M4886−1.02 adjusted p_val 8e−37
L97 Marker: M2013−1.02 adjusted p_val 1.2e−33
L97 Marker: M4938−1.02 adjusted p_val 9.9e−3
Motif Activity
Group
1−1
rest
Group
1−1
rest

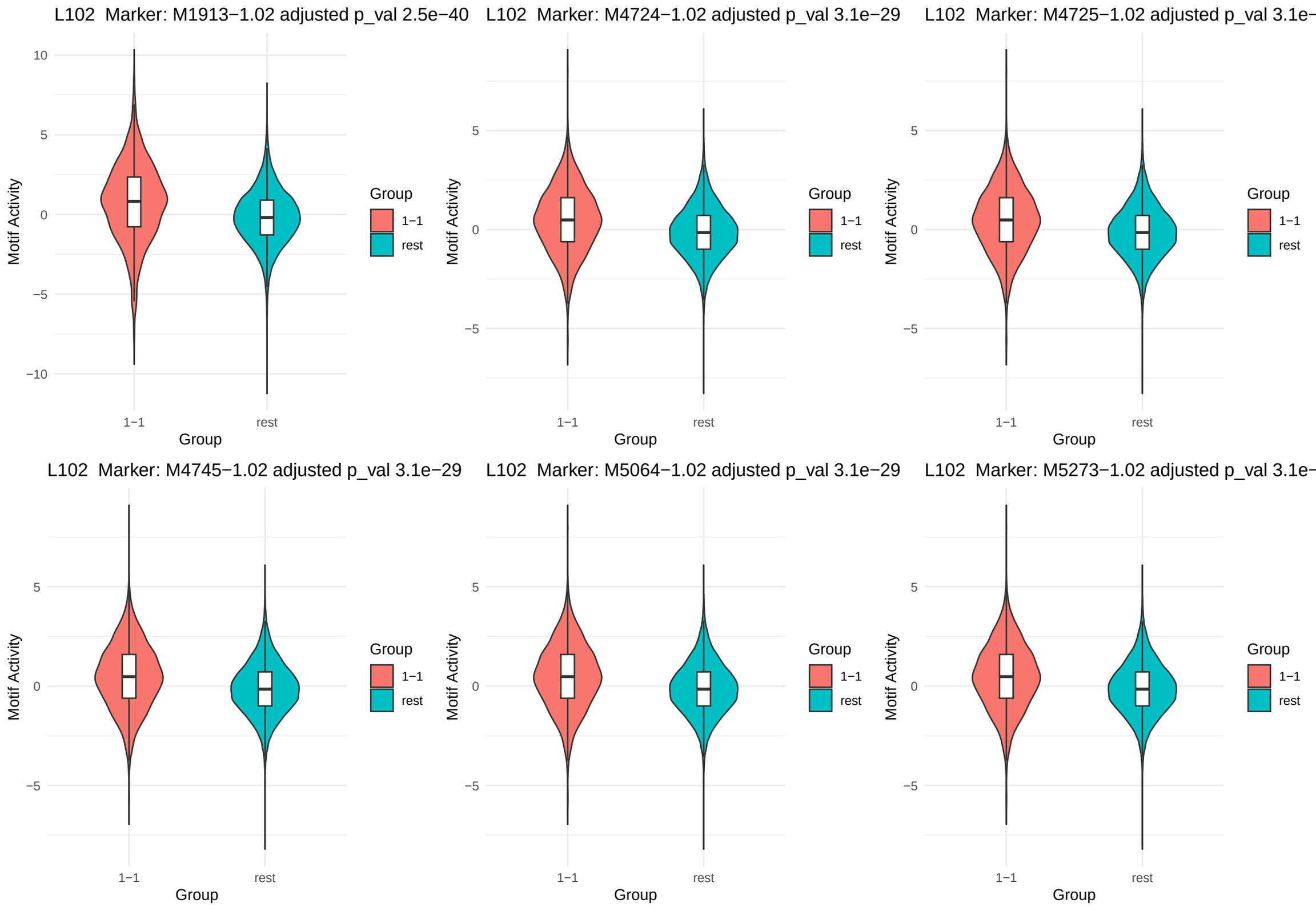

L13 Marker: M4924−1.02 adjusted p_val 1.3e−09
L13 Marker: M2026−1.02 adjusted p_val 1.5e−09
L13 Marker: M2039−1.02 adjusted p_val 1.1e−0
L13 Marker: M4886−1.02 adjusted p_val 4.8e−07
L13 Marker: M2021−1.02 adjusted p_val 2e−06
L13 Marker: M4814−1.02 adjusted p_val 1.1e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

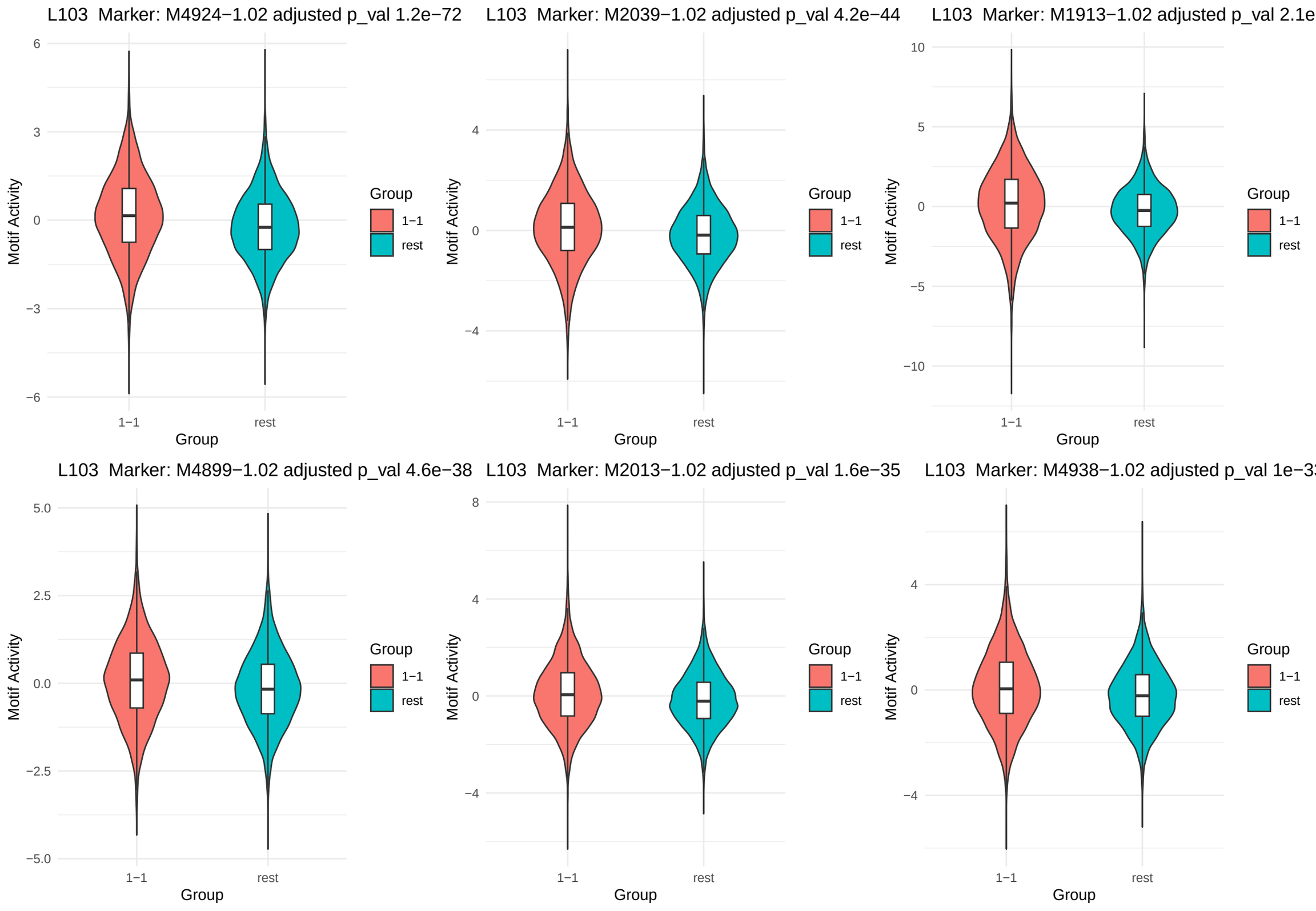

L98 Marker: M4899−1.02 adjusted p_val 4.6e−57
L98 Marker: M1913−1.02 adjusted p_val 1.9e−36
L98 Marker: M4745−1.02 adjusted p_val 2.6e−3
L98 Marker: M5064−1.02 adjusted p_val 2.6e−32
L98 Marker: M5273−1.02 adjusted p_val 2.6e−32
L98 Marker: M4724−1.02 adjusted p_val 4.6e−3
Motif Activity
Group
1−1
rest
Group
1−1
rest

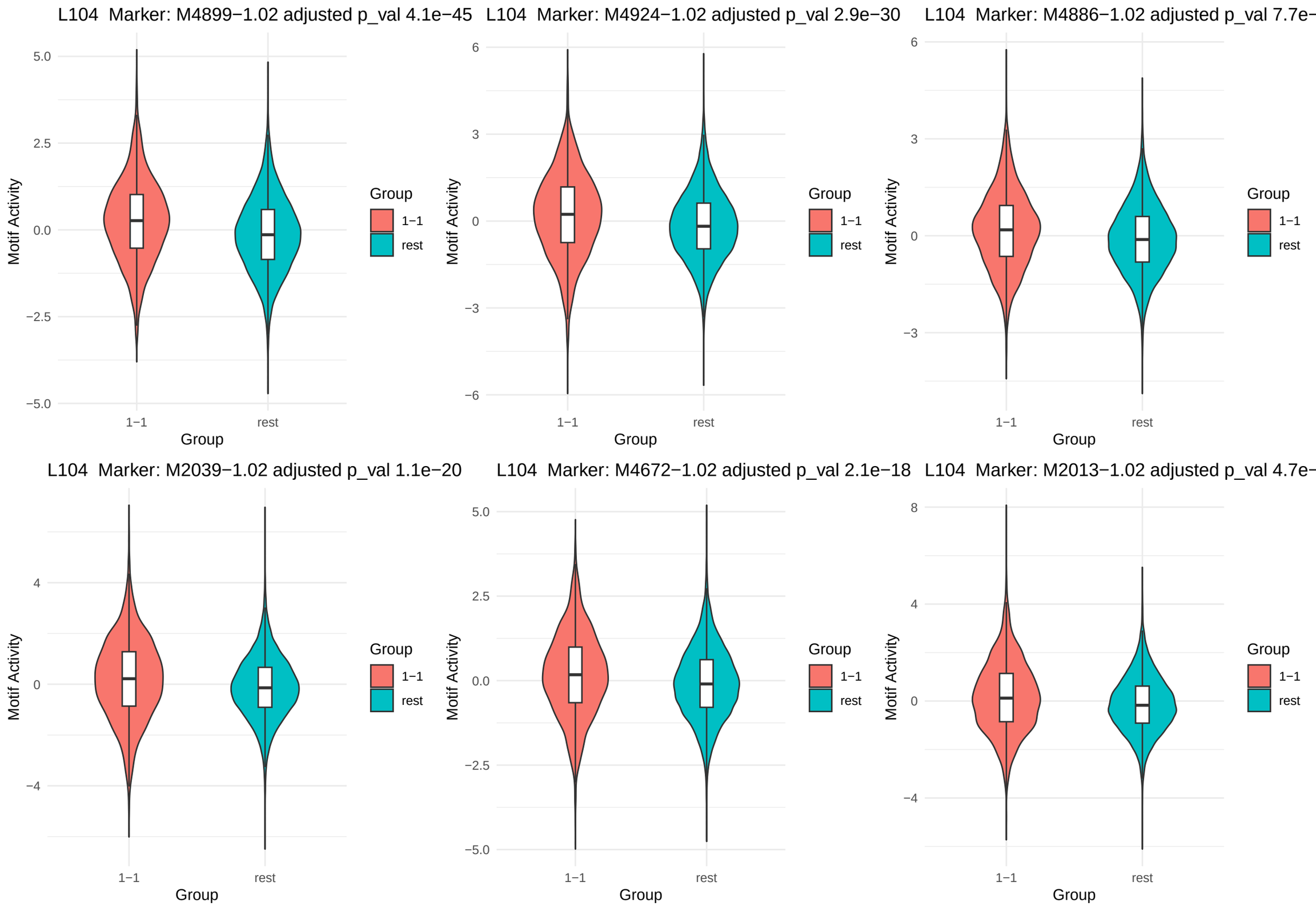

L99 Marker: M4924−1.02 adjusted p_val 4.1e−41
L99 Marker: M4899−1.02 adjusted p_val 3.4e−35
L99 Marker: M2039−1.02 adjusted p_val 2.5e−3
L99 Marker: M4745−1.02 adjusted p_val 5.5e−26
L99 Marker: M5064−1.02 adjusted p_val 5.5e−26
L99 Marker: M5273−1.02 adjusted p_val 5.5e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

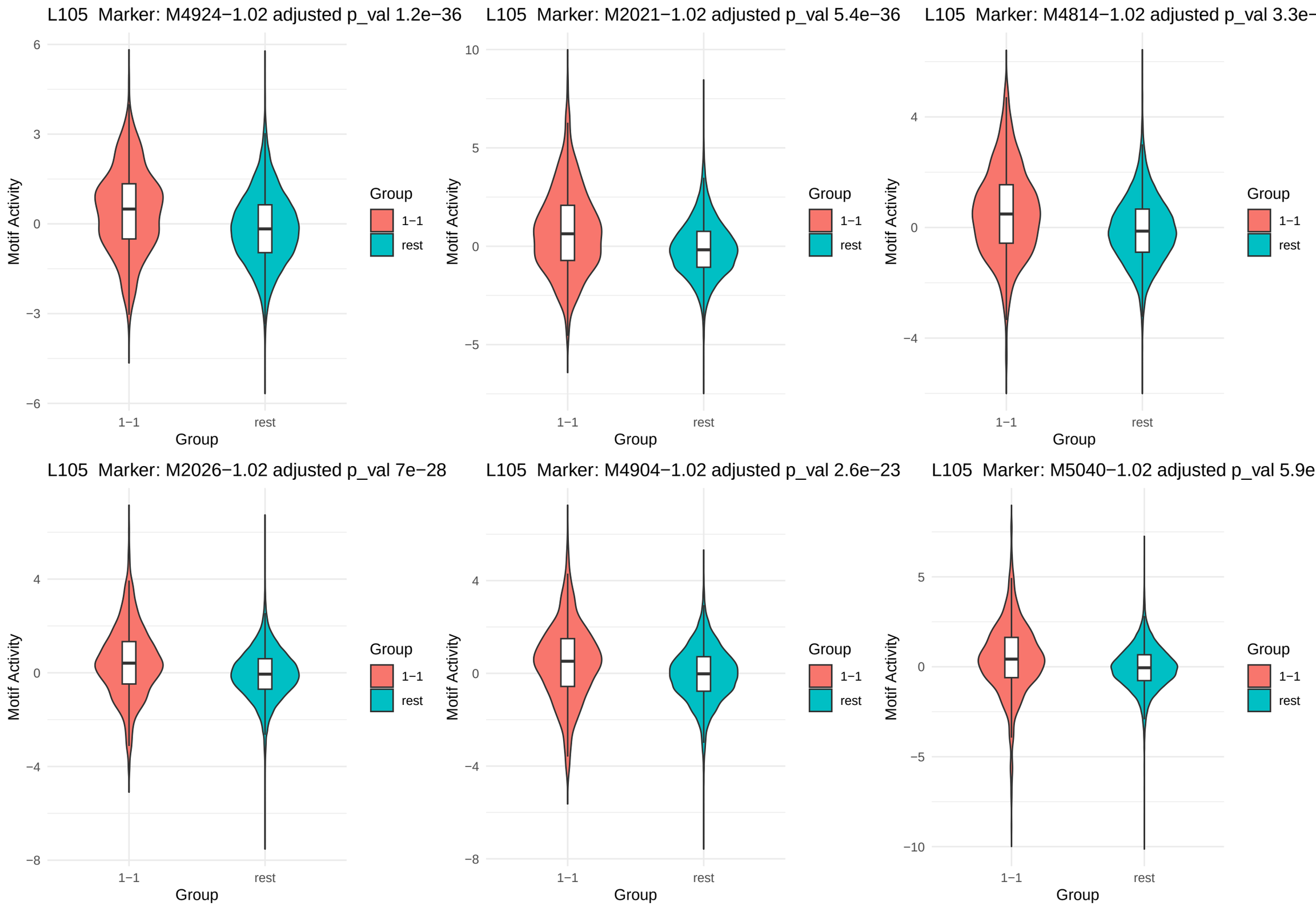

L100 Marker: M4672−1.02 adjusted p_val 4.7e−22
L100 Marker: M2026−1.02 adjusted p_val 3e−21
L100 Marker: M4886−1.02 adjusted p_val 1.3e−
L100 Marker: M4924−1.02 adjusted p_val 3.1e−18
L100 Marker: M2039−1.02 adjusted p_val 5.4e−17
L100 Marker: M4899−1.02 adjusted p_val 3.9e
Motif Activity
Group
1−1
rest
Group
1−1
rest

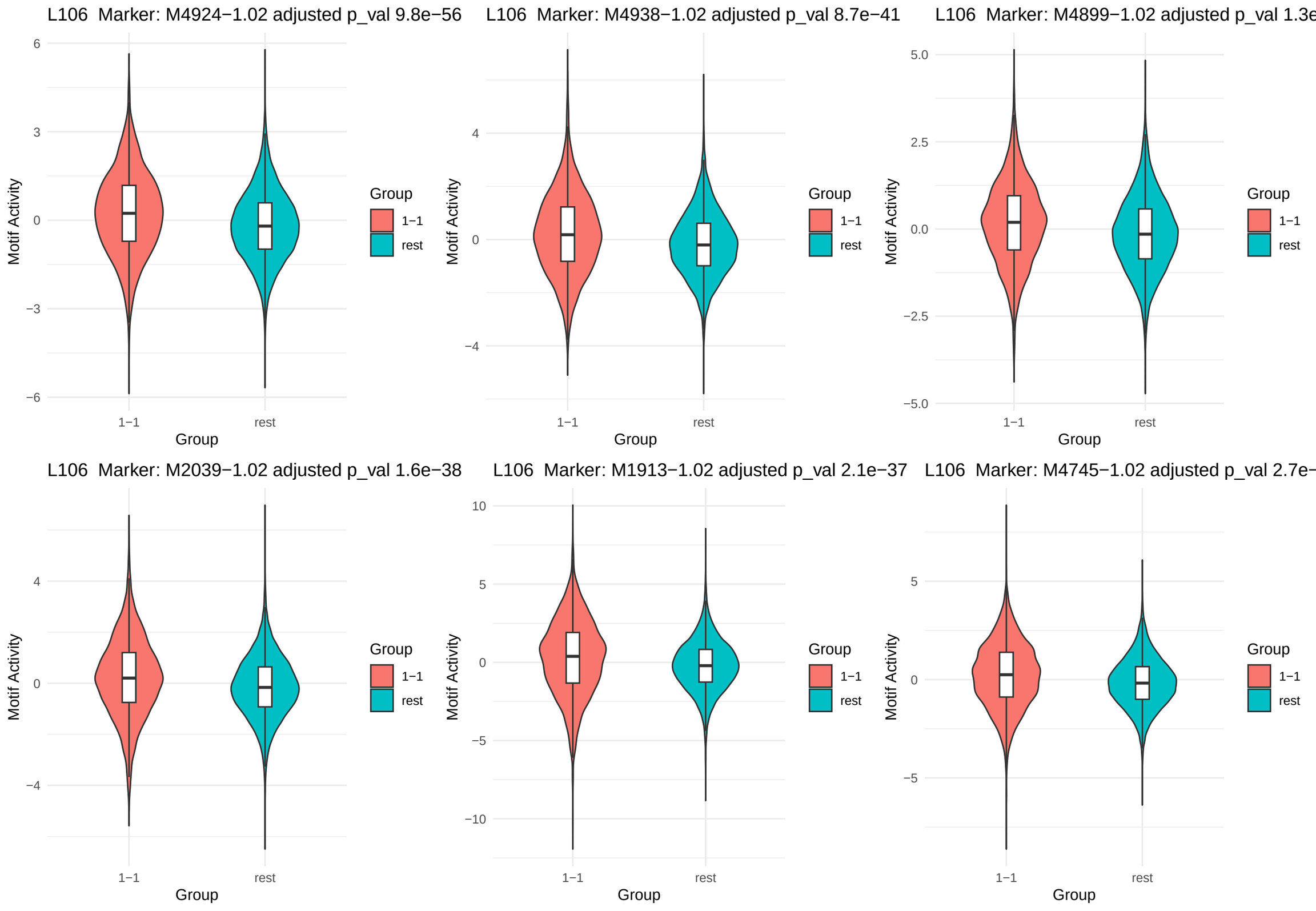

L101 Marker: M4745−1.02 adjusted p_val 1.5e−06
L101 Marker: M5064−1.02 adjusted p_val 1.5e−06
L101 Marker: M5273−1.02 adjusted p_val 1.5e−
L101 Marker: M4724−1.02 adjusted p_val 1.6e−06
L101 Marker: M4725−1.02 adjusted p_val 1.6e−06
L101 Marker: M1913−1.02 adjusted p_val 2.3e
Motif Activity
Group
1−1
rest
Group
1−1
rest
5
0
−5
10
−10

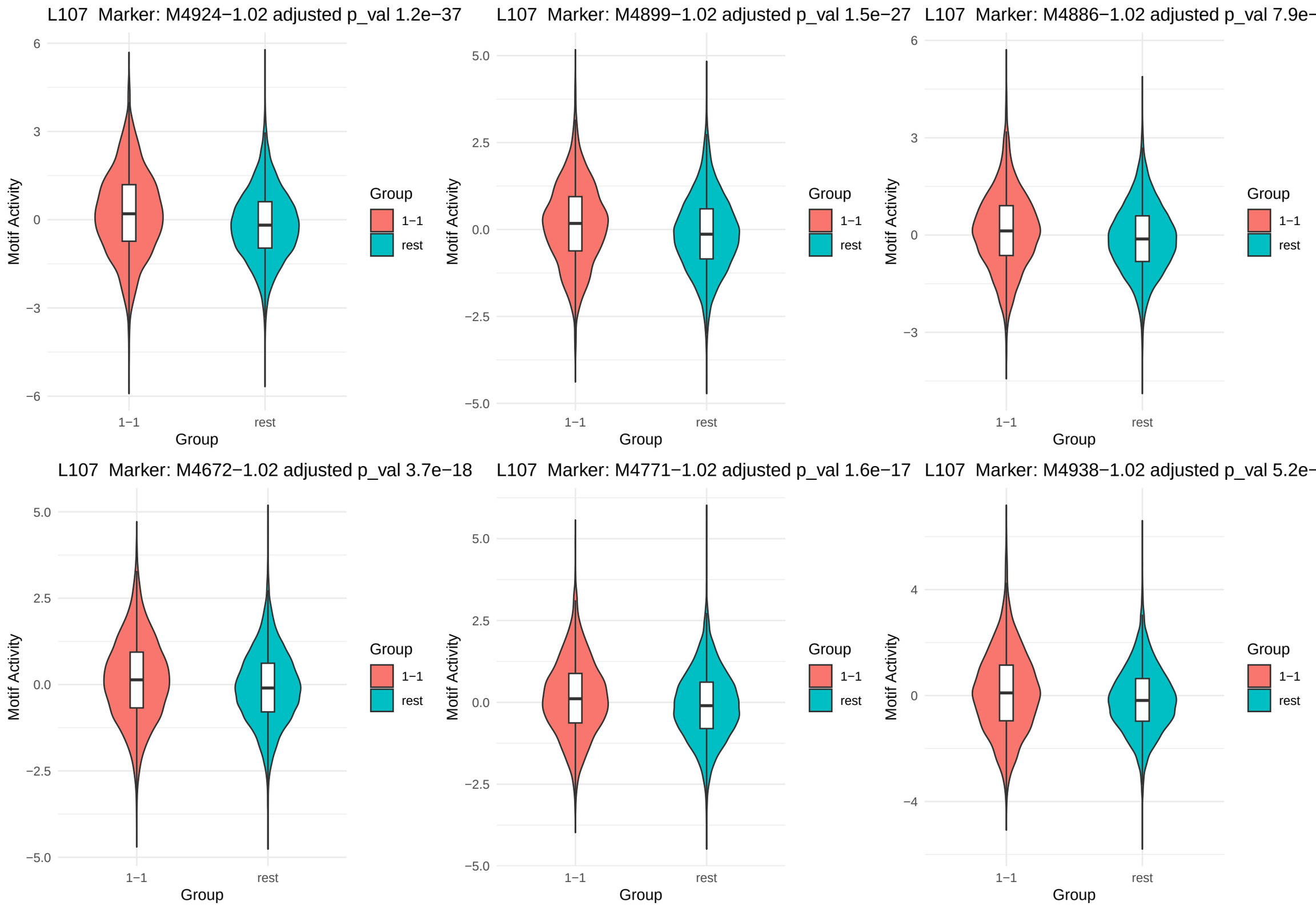

L102 Marker: M1913−1.02 adjusted p_val 2.5e−40
L102 Marker: M4724−1.02 adjusted p_val 3.1e−29
L102 Marker: M4725−1.02 adjusted p_val 3.1e−
L102 Marker: M4745−1.02 adjusted p_val 3.1e−29
L102 Marker: M5064−1.02 adjusted p_val 3.1e−29
L102 Marker: M5273−1.02 adjusted p_val 3.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

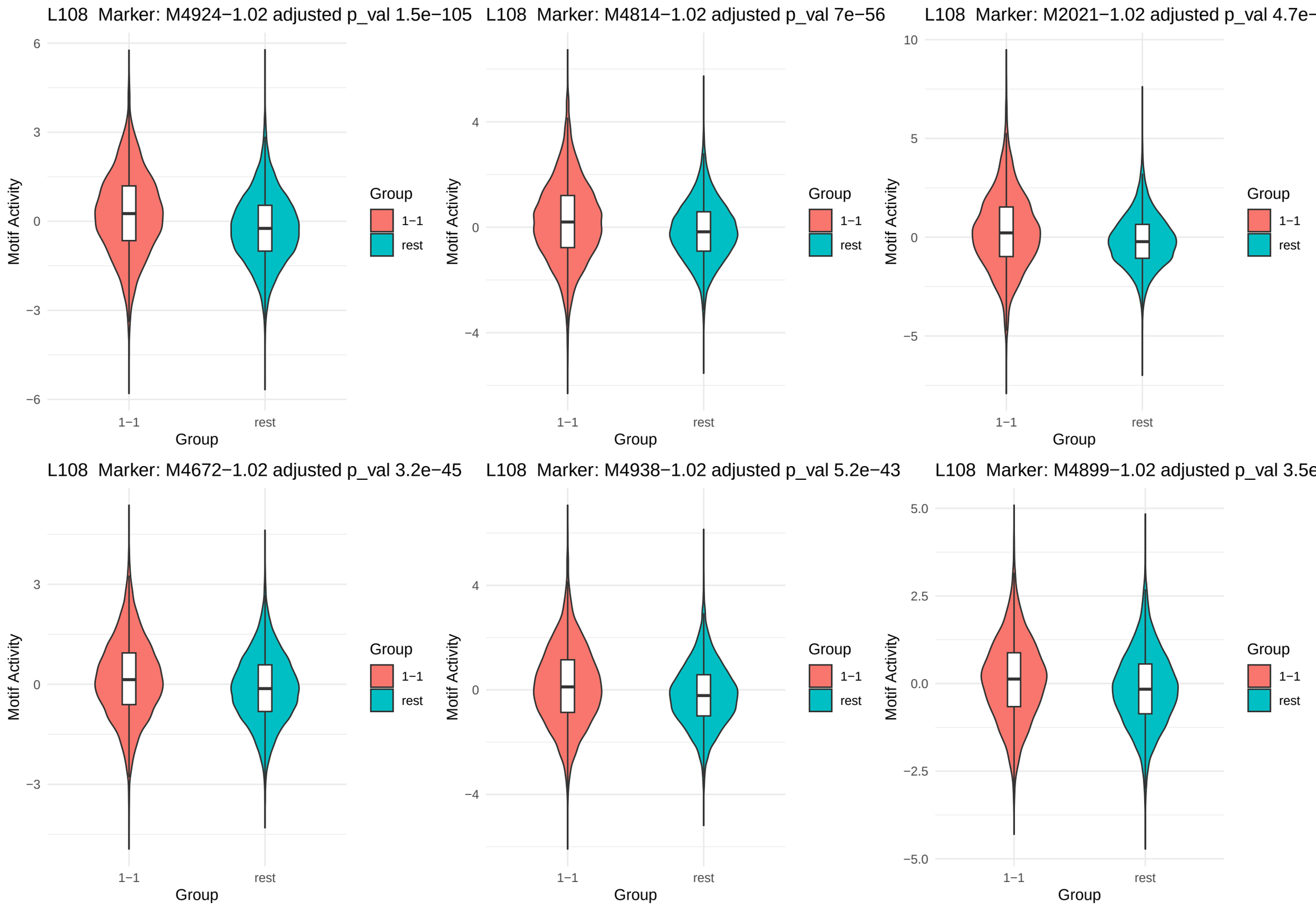

L103 Marker: M4924−1.02 adjusted p_val 1.2e−72
L103 Marker: M2039−1.02 adjusted p_val 4.2e−44
L103 Marker: M1913−1.02 adjusted p_val 2.1e
L103 Marker: M4899−1.02 adjusted p_val 4.6e−38
L103 Marker: M2013−1.02 adjusted p_val 1.6e−35
L103 Marker: M4938−1.02 adjusted p_val 1e−3
Motif Activity
Group
1−1
rest
Group
1−1
rest

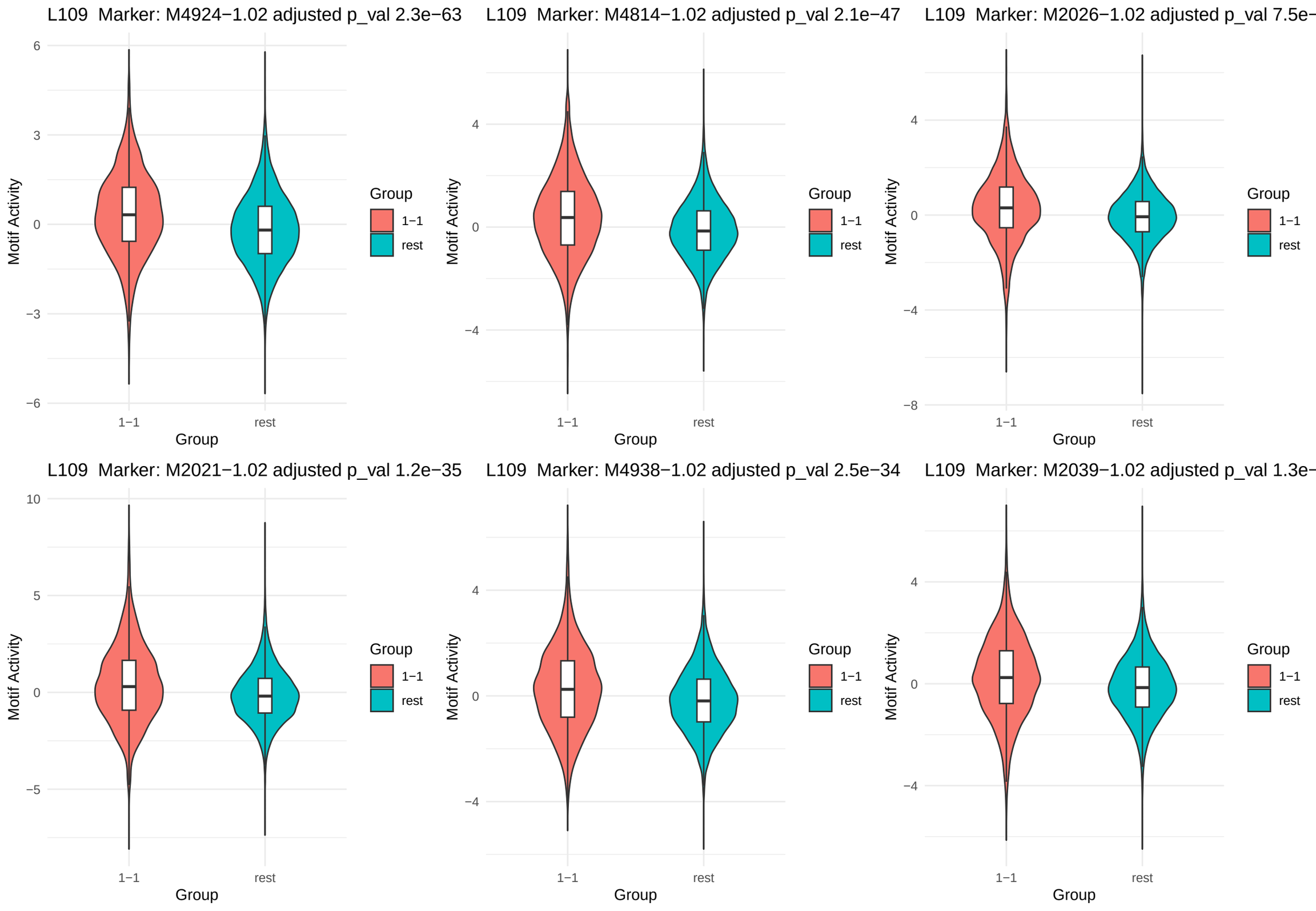

L104 Marker: M4899−1.02 adjusted p_val 4.1e−45
L104 Marker: M4924−1.02 adjusted p_val 2.9e−30
L104 Marker: M4886−1.02 adjusted p_val 7.7e−
L104 Marker: M2039−1.02 adjusted p_val 1.1e−20
L104 Marker: M4672−1.02 adjusted p_val 2.1e−18
L104 Marker: M2013−1.02 adjusted p_val 4.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

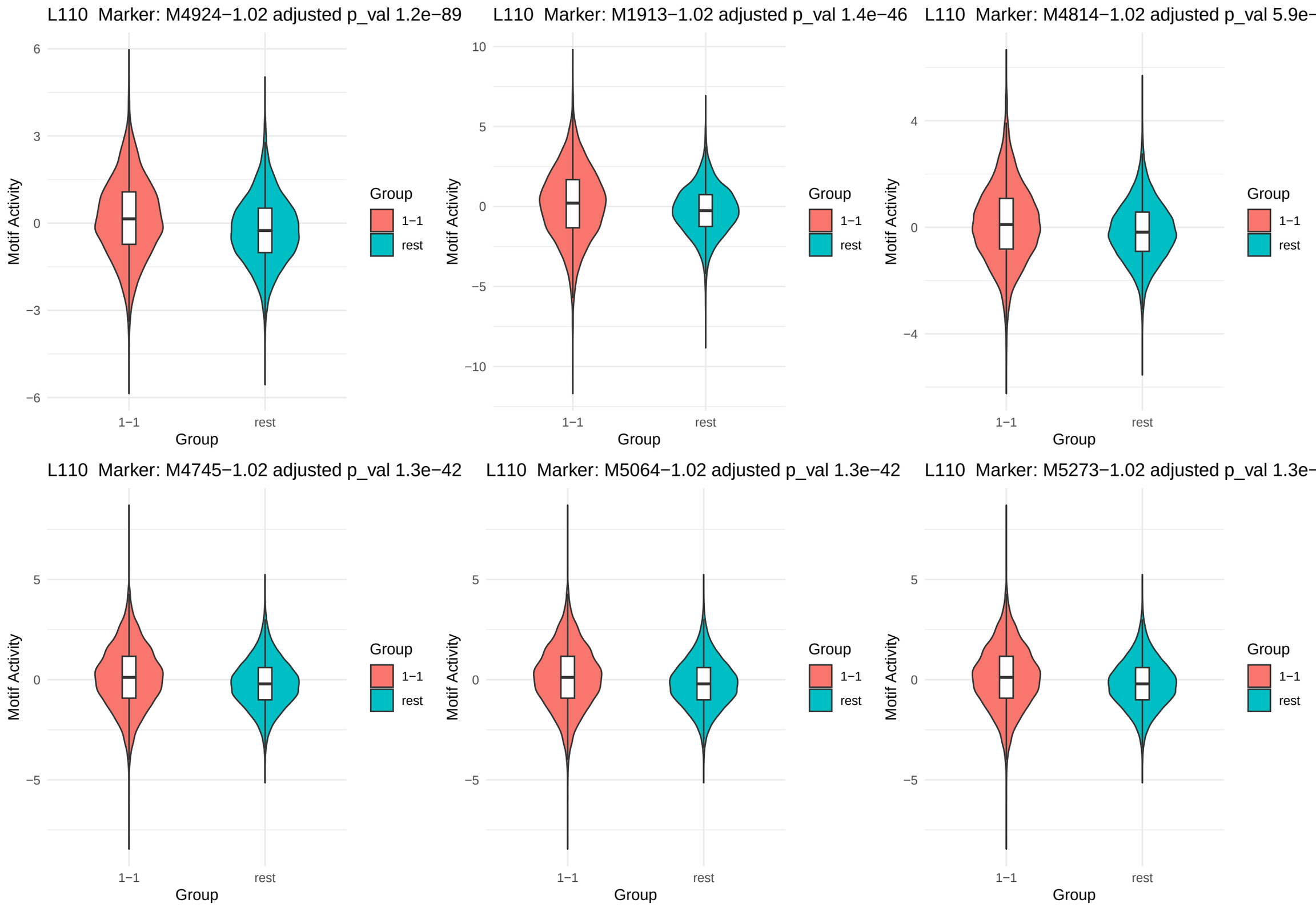

L105 Marker: M4924−1.02 adjusted p_val 1.2e−36
L105 Marker: M2021−1.02 adjusted p_val 5.4e−36
L105 Marker: M4814−1.02 adjusted p_val 3.3e−
L105 Marker: M2026−1.02 adjusted p_val 7e−28
L105 Marker: M4904−1.02 adjusted p_val 2.6e−23
L105 Marker: M5040−1.02 adjusted p_val 5.9e
Motif Activity
Group
1−1
rest
Group
1−1
rest

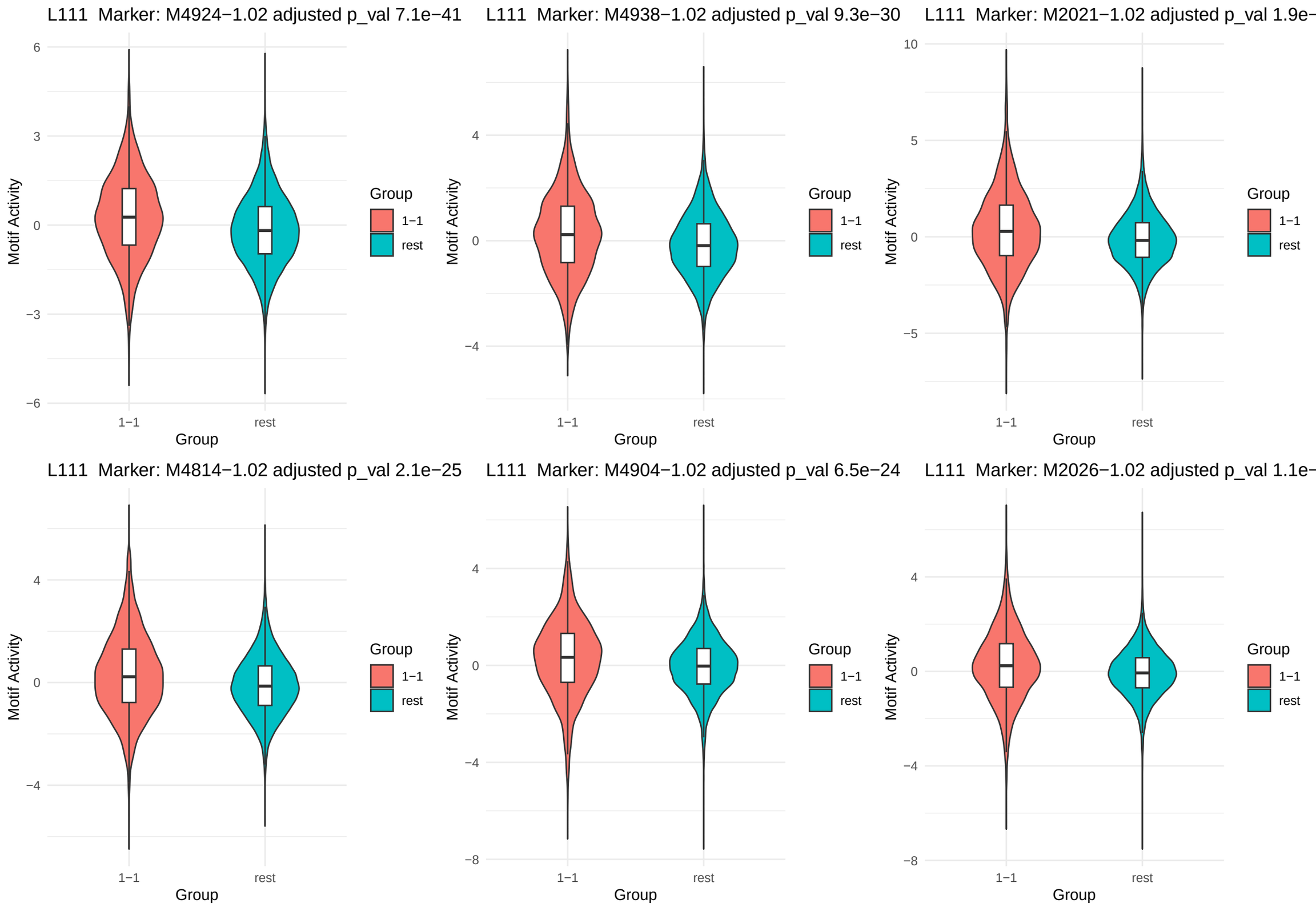

L106 Marker: M4924−1.02 adjusted p_val 9.8e−56
L106 Marker: M4938−1.02 adjusted p_val 8.7e−41
L106 Marker: M4899−1.02 adjusted p_val 1.3e
L106 Marker: M2039−1.02 adjusted p_val 1.6e−38
L106 Marker: M1913−1.02 adjusted p_val 2.1e−37
L106 Marker: M4745−1.02 adjusted p_val 2.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

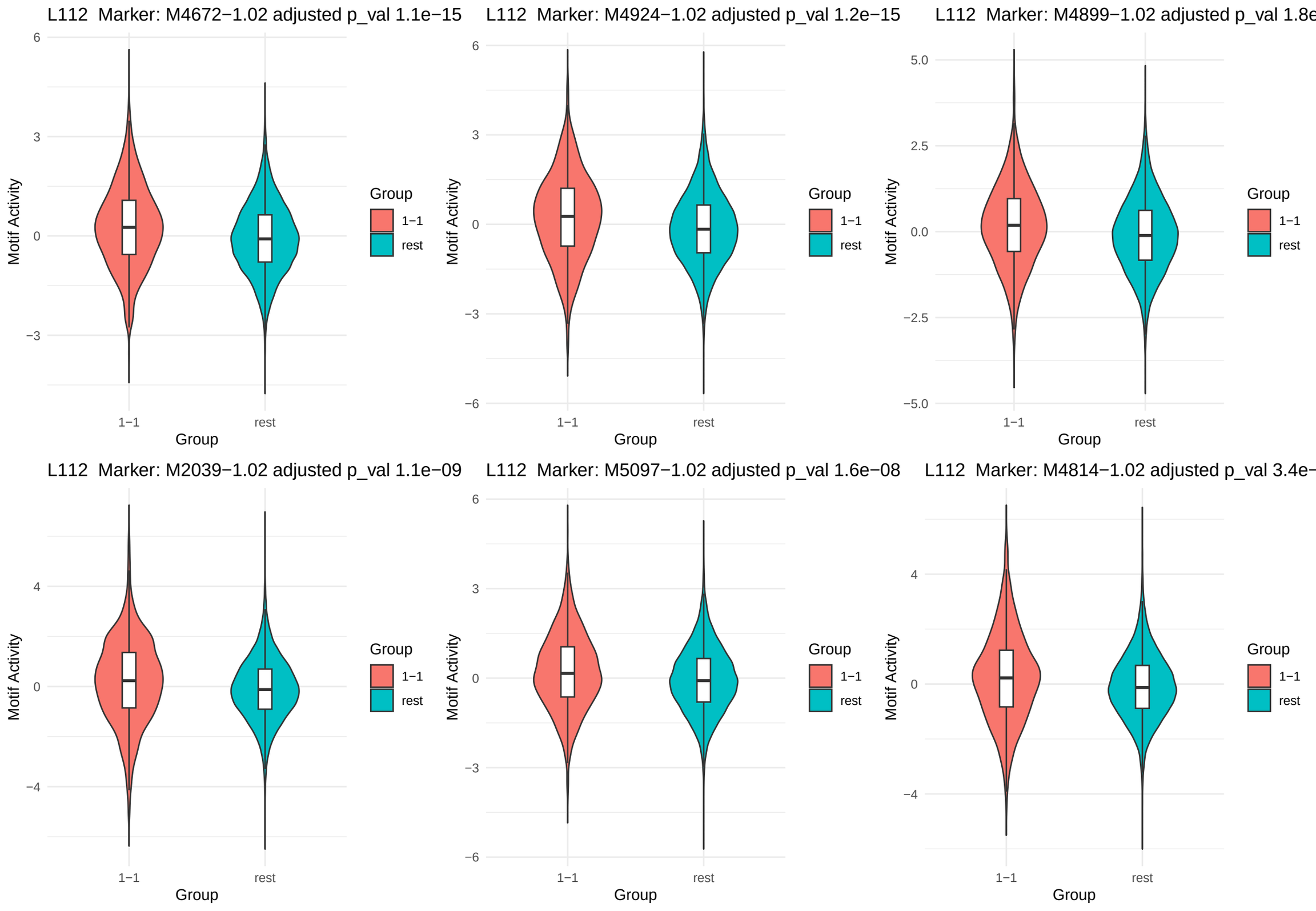

L107 Marker: M4924−1.02 adjusted p_val 1.2e−37
L107 Marker: M4899−1.02 adjusted p_val 1.5e−27
L107 Marker: M4886−1.02 adjusted p_val 7.9e−
L107 Marker: M4672−1.02 adjusted p_val 3.7e−18
L107 Marker: M4771−1.02 adjusted p_val 1.6e−17
L107 Marker: M4938−1.02 adjusted p_val 5.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

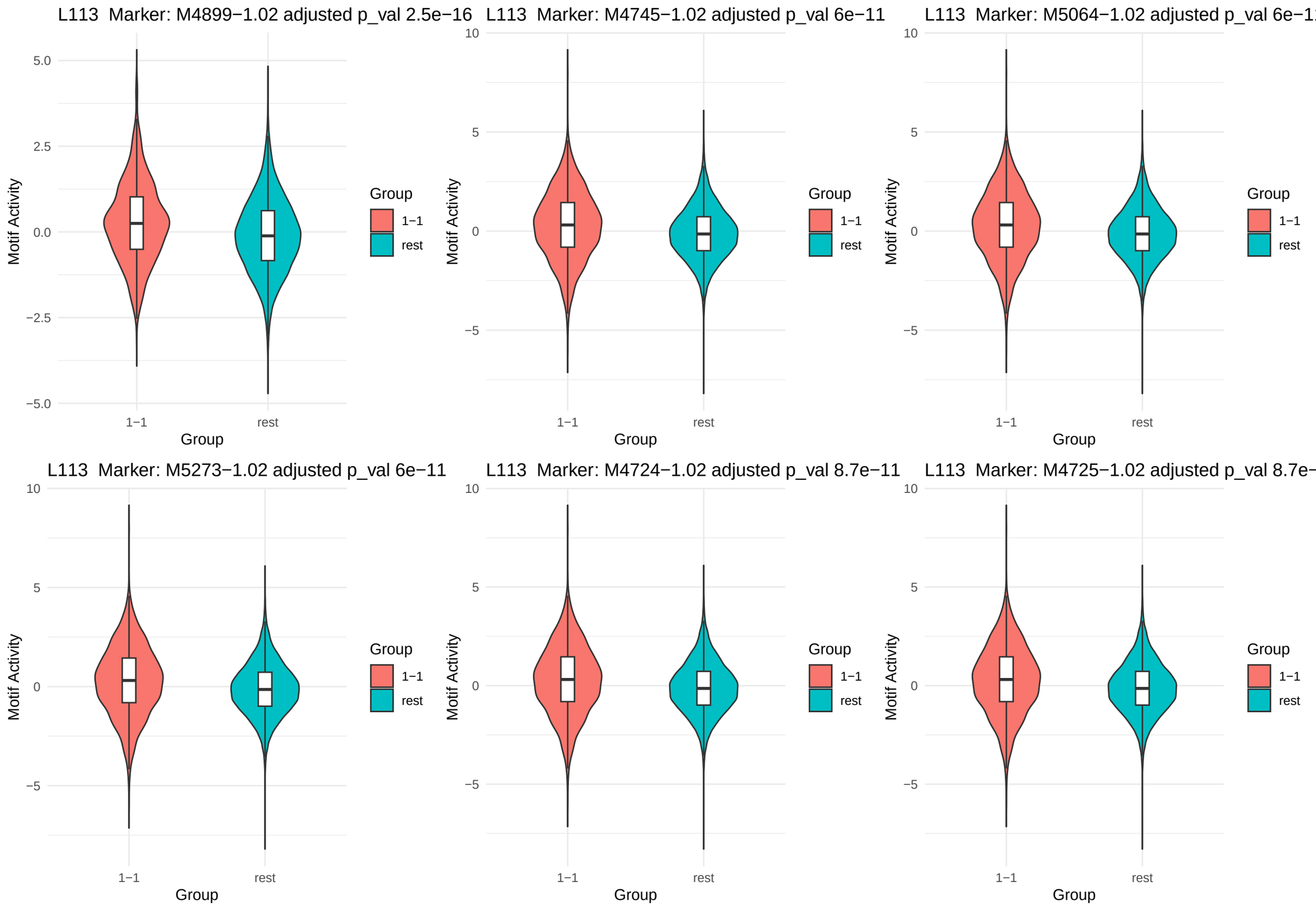

L108 Marker: M4924−1.02 adjusted p_val 1.5e−105
L108 Marker: M4814−1.02 adjusted p_val 7e−56
L108 Marker: M2021−1.02 adjusted p_val 4.7e−
L108 Marker: M4672−1.02 adjusted p_val 3.2e−45
L108 Marker: M4938−1.02 adjusted p_val 5.2e−43
L108 Marker: M4899−1.02 adjusted p_val 3.5e
Motif Activity
Group
1−1
rest
Group
1−1
rest

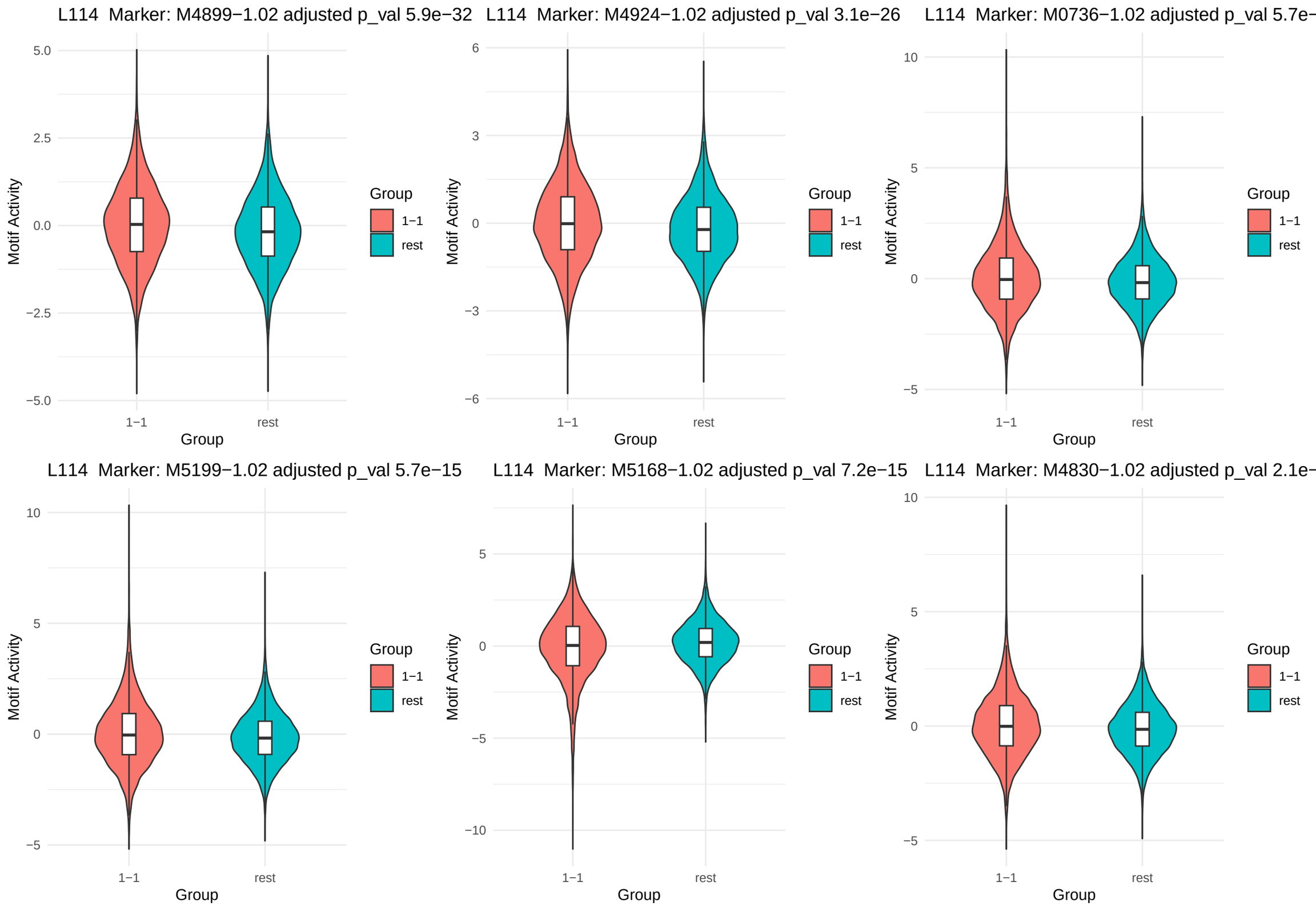

L109 Marker: M4924−1.02 adjusted p_val 2.3e−63
L109 Marker: M4814−1.02 adjusted p_val 2.1e−47
L109 Marker: M2026−1.02 adjusted p_val 7.5e−
L109 Marker: M2021−1.02 adjusted p_val 1.2e−35
L109 Marker: M4938−1.02 adjusted p_val 2.5e−34
L109 Marker: M2039−1.02 adjusted p_val 1.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

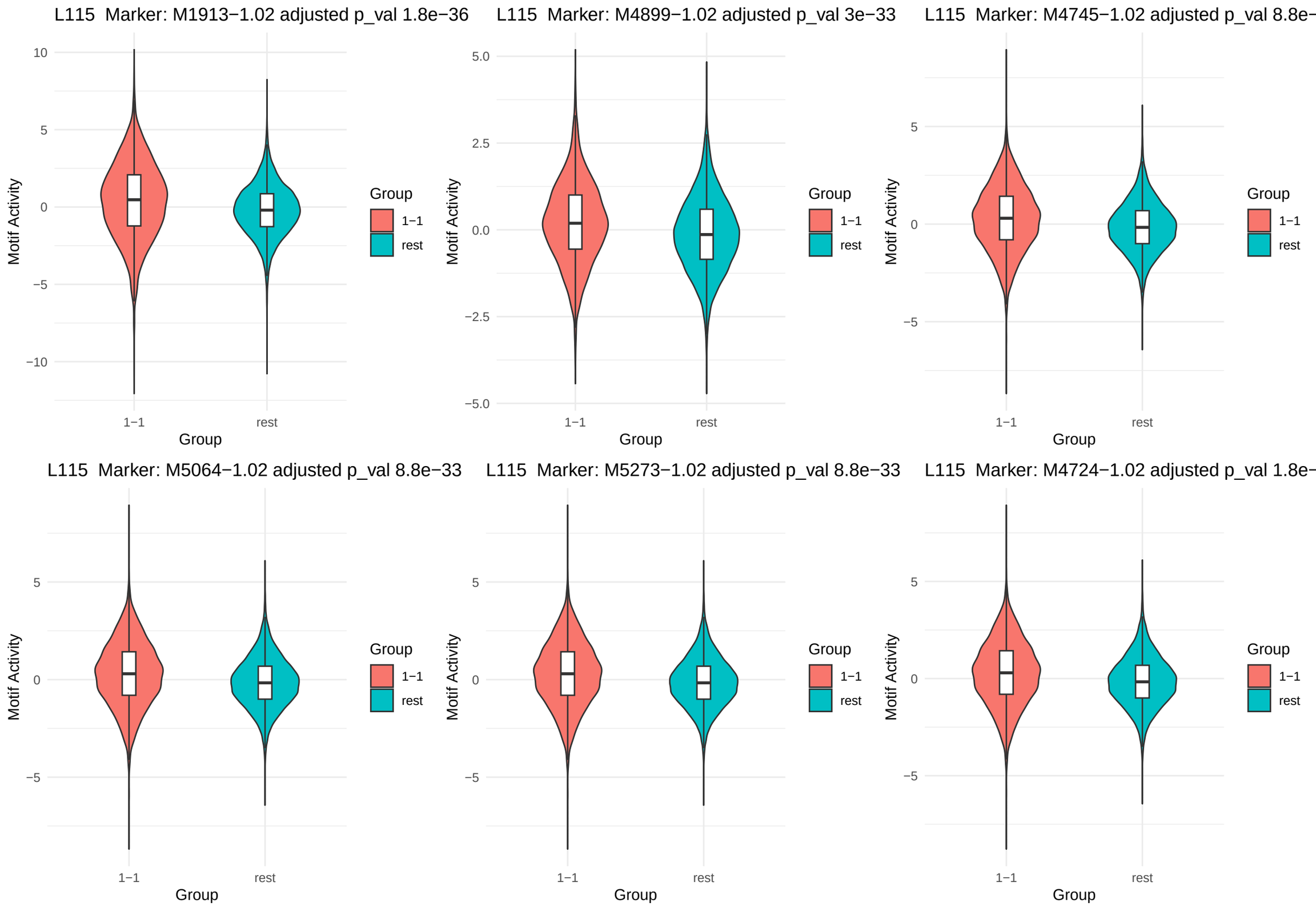

L110 Marker: M4924−1.02 adjusted p_val 1.2e−89
L110 Marker: M1913−1.02 adjusted p_val 1.4e−46
L110 Marker: M4814−1.02 adjusted p_val 5.9e−
L110 Marker: M4745−1.02 adjusted p_val 1.3e−42
L110 Marker: M5064−1.02 adjusted p_val 1.3e−42
L110 Marker: M5273−1.02 adjusted p_val 1.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

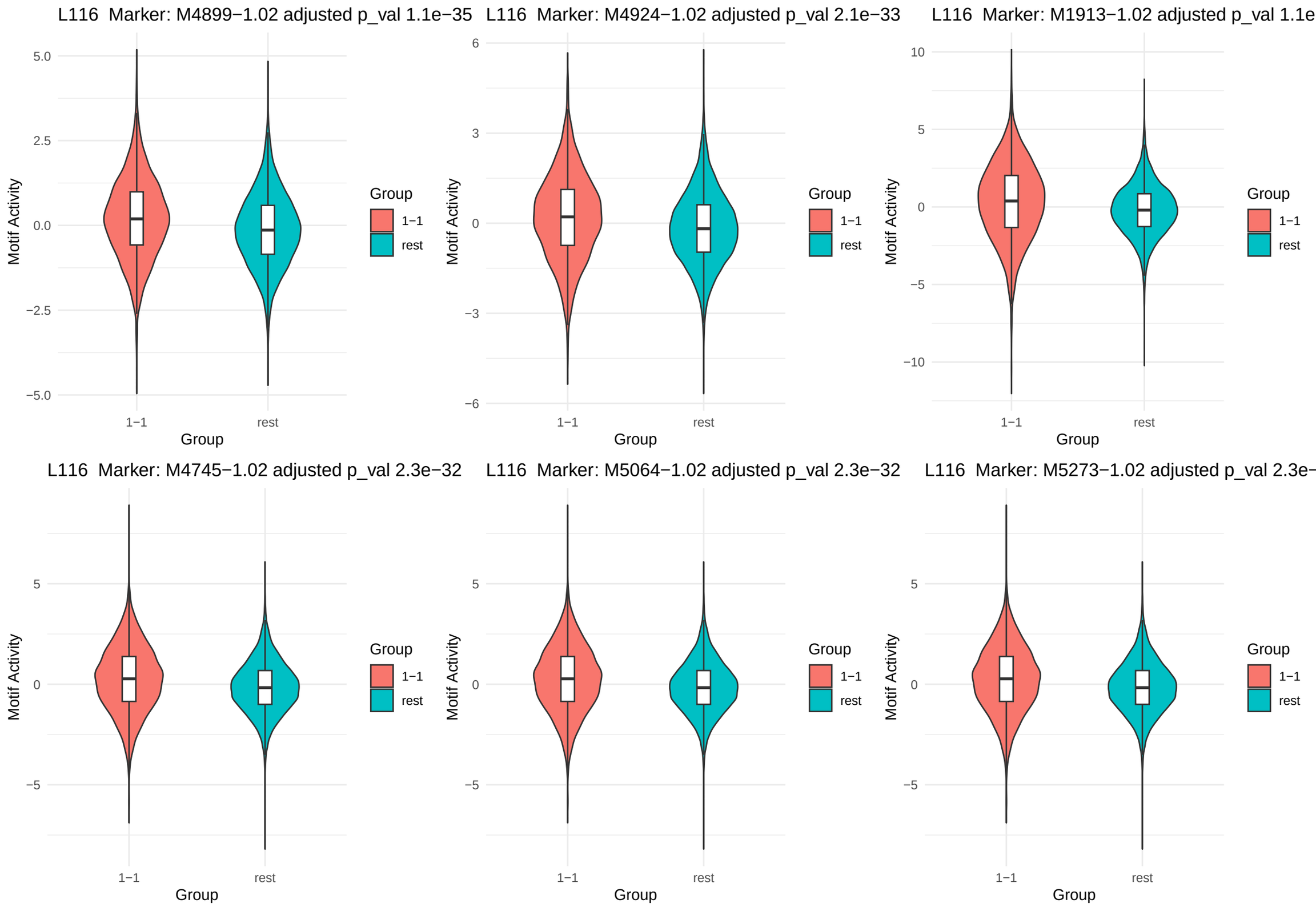

L111 Marker: M4924−1.02 adjusted p_val 7.1e−41
L111 Marker: M4938−1.02 adjusted p_val 9.3e−30
L111 Marker: M2021−1.02 adjusted p_val 1.9e−
L111 Marker: M4814−1.02 adjusted p_val 2.1e−25
L111 Marker: M4904−1.02 adjusted p_val 6.5e−24
L111 Marker: M2026−1.02 adjusted p_val 1.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

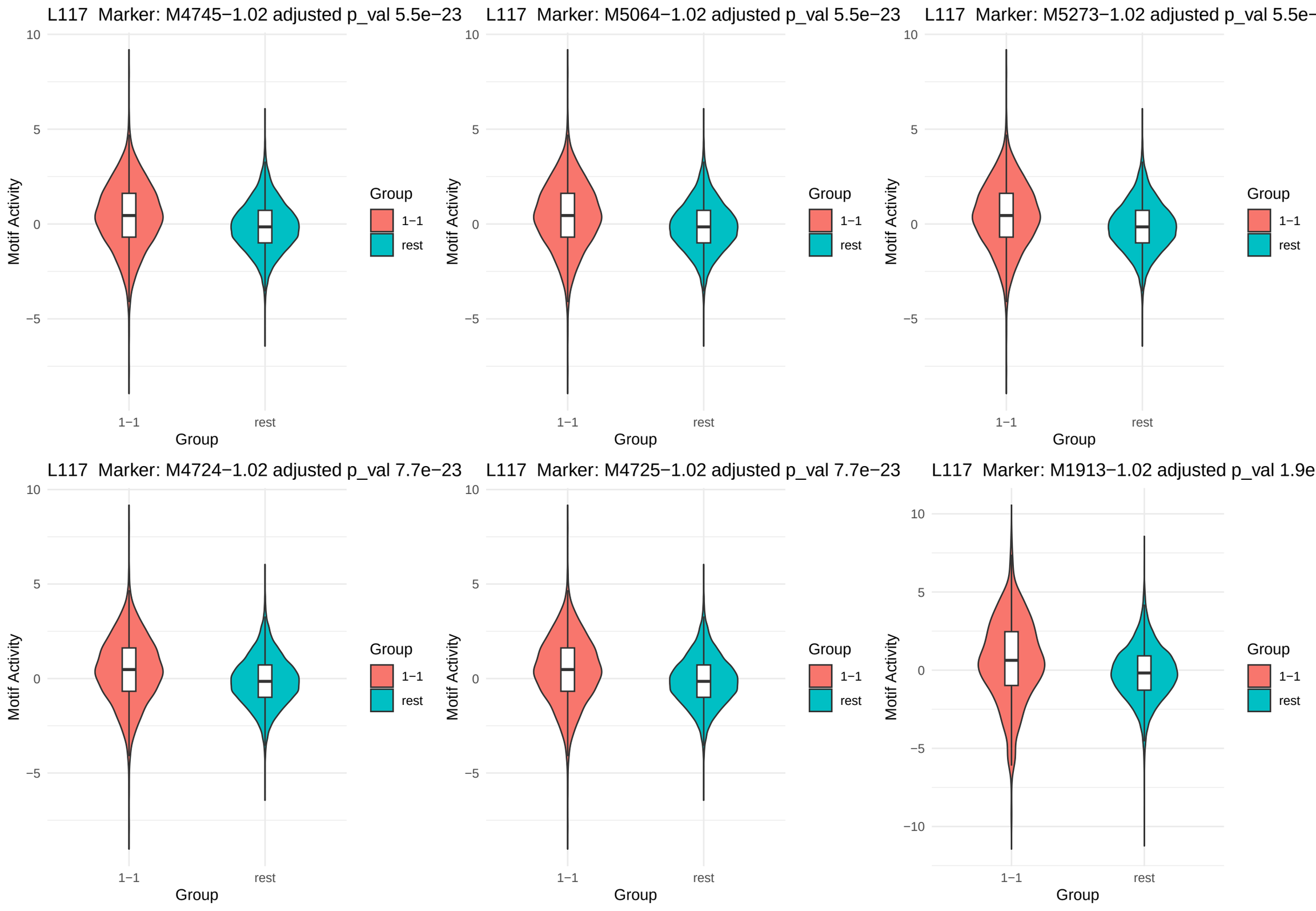

L112 Marker: M4672−1.02 adjusted p_val 1.1e−15
L112 Marker: M4924−1.02 adjusted p_val 1.2e−15
L112 Marker: M4899−1.02 adjusted p_val 1.8e
L112 Marker: M2039−1.02 adjusted p_val 1.1e−09
L112 Marker: M5097−1.02 adjusted p_val 1.6e−08
L112 Marker: M4814−1.02 adjusted p_val 3.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

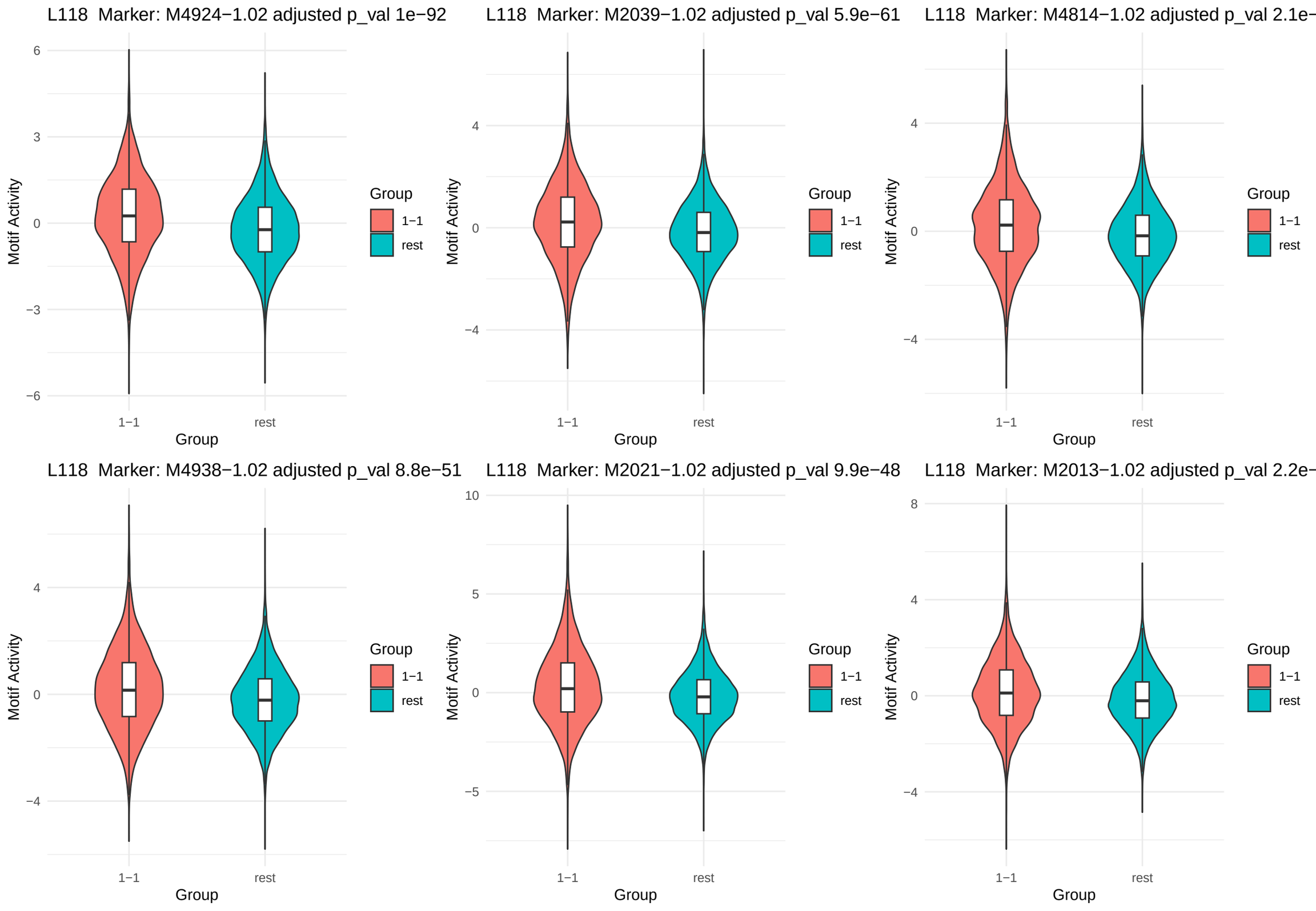

L113 Marker: M4899−1.02 adjusted p_val 2.5e−16
L113 Marker: M4745−1.02 adjusted p_val 6e−11
L113 Marker: M5064−1.02 adjusted p_val 6e−1
L113 Marker: M5273−1.02 adjusted p_val 6e−11
L113 Marker: M4724−1.02 adjusted p_val 8.7e−11
L113 Marker: M4725−1.02 adjusted p_val 8.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

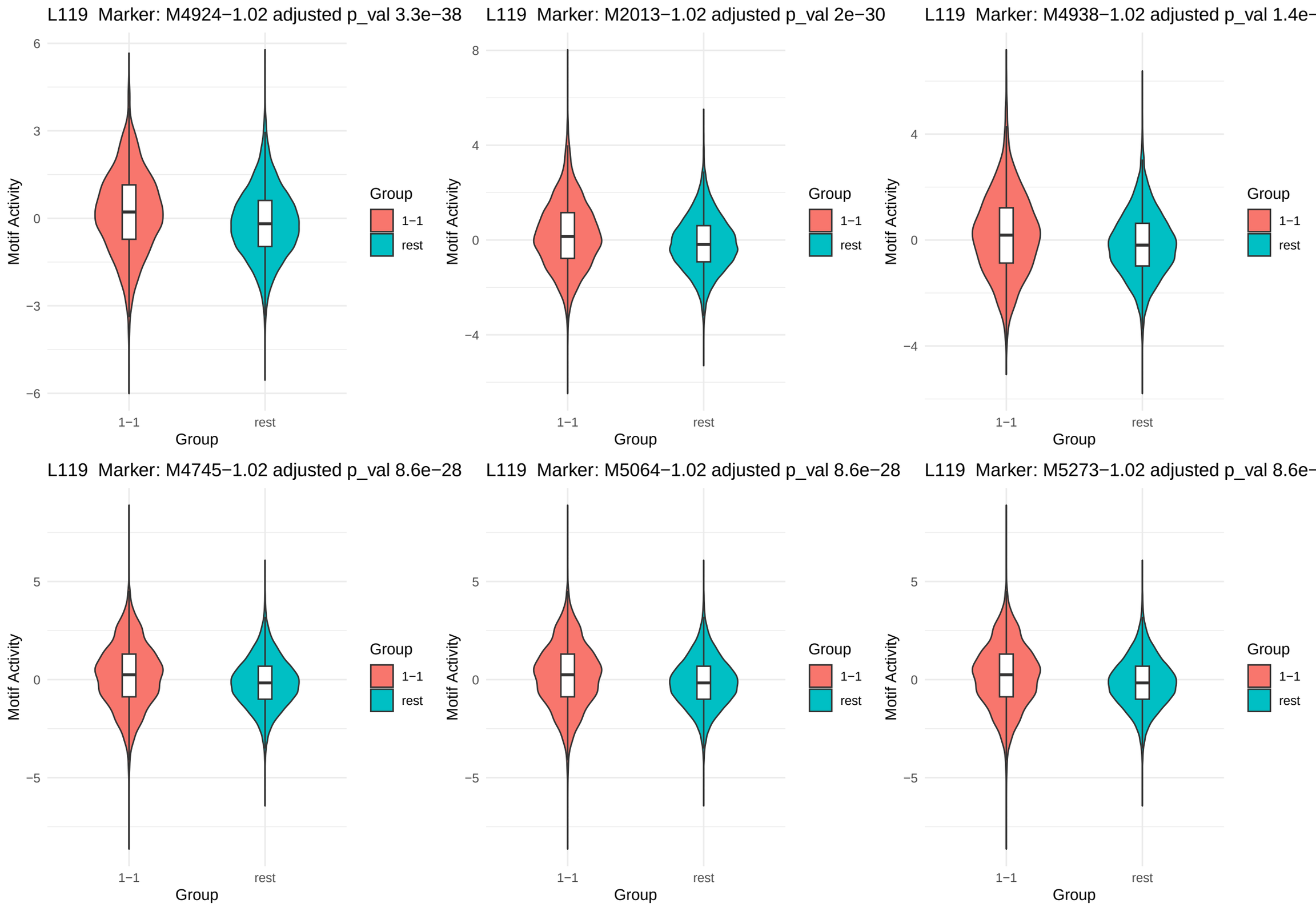

L114 Marker: M4899−1.02 adjusted p_val 5.9e−32
L114 Marker: M4924−1.02 adjusted p_val 3.1e−26
L114 Marker: M0736−1.02 adjusted p_val 5.7e−
L114 Marker: M5199−1.02 adjusted p_val 5.7e−15
L114 Marker: M5168−1.02 adjusted p_val 7.2e−15
L114 Marker: M4830−1.02 adjusted p_val 2.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

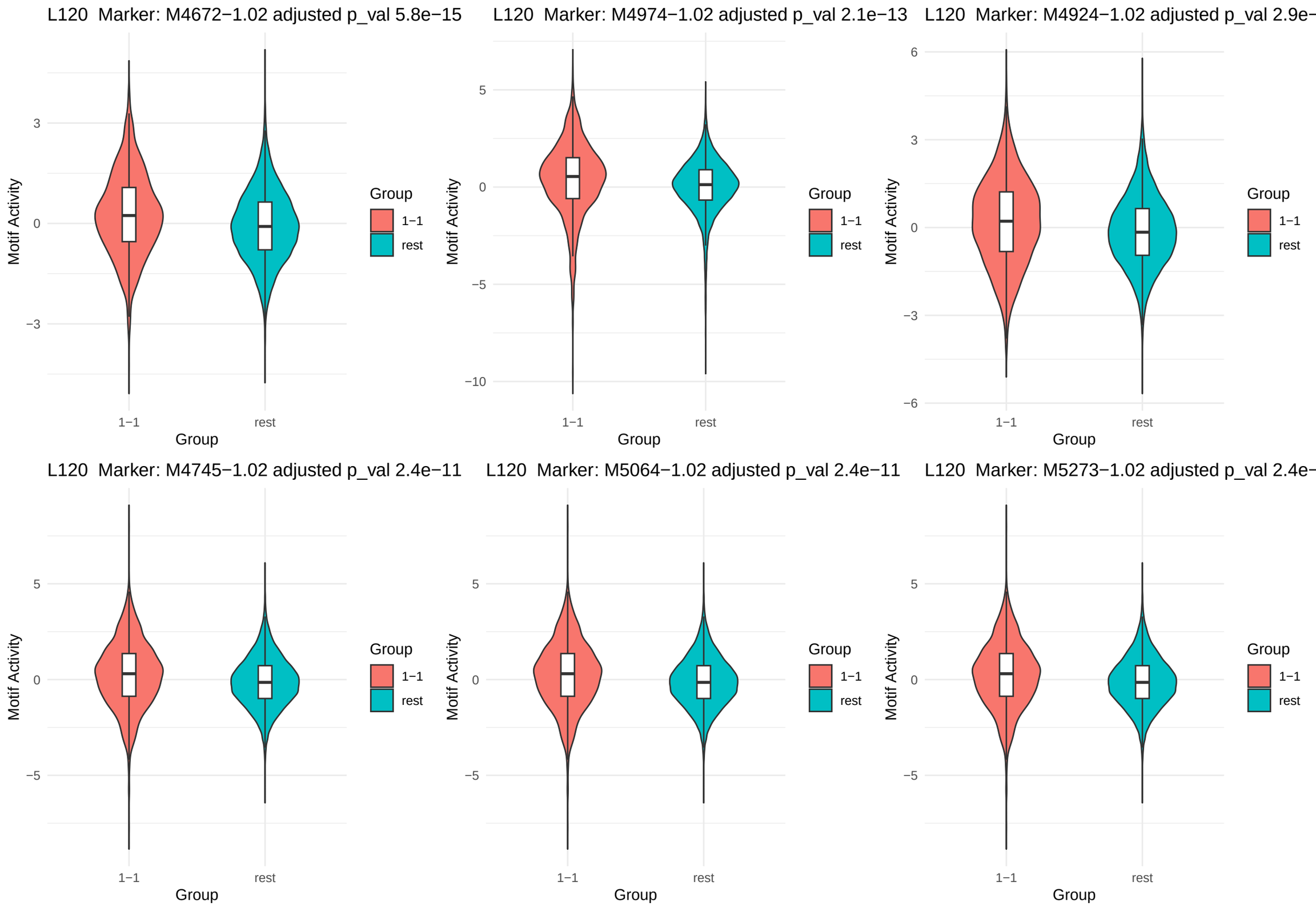

L115 Marker: M1913−1.02 adjusted p_val 1.8e−36
L115 Marker: M4899−1.02 adjusted p_val 3e−33
L115 Marker: M4745−1.02 adjusted p_val 8.8e−
L115 Marker: M5064−1.02 adjusted p_val 8.8e−33
L115 Marker: M5273−1.02 adjusted p_val 8.8e−33
L115 Marker: M4724−1.02 adjusted p_val 1.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

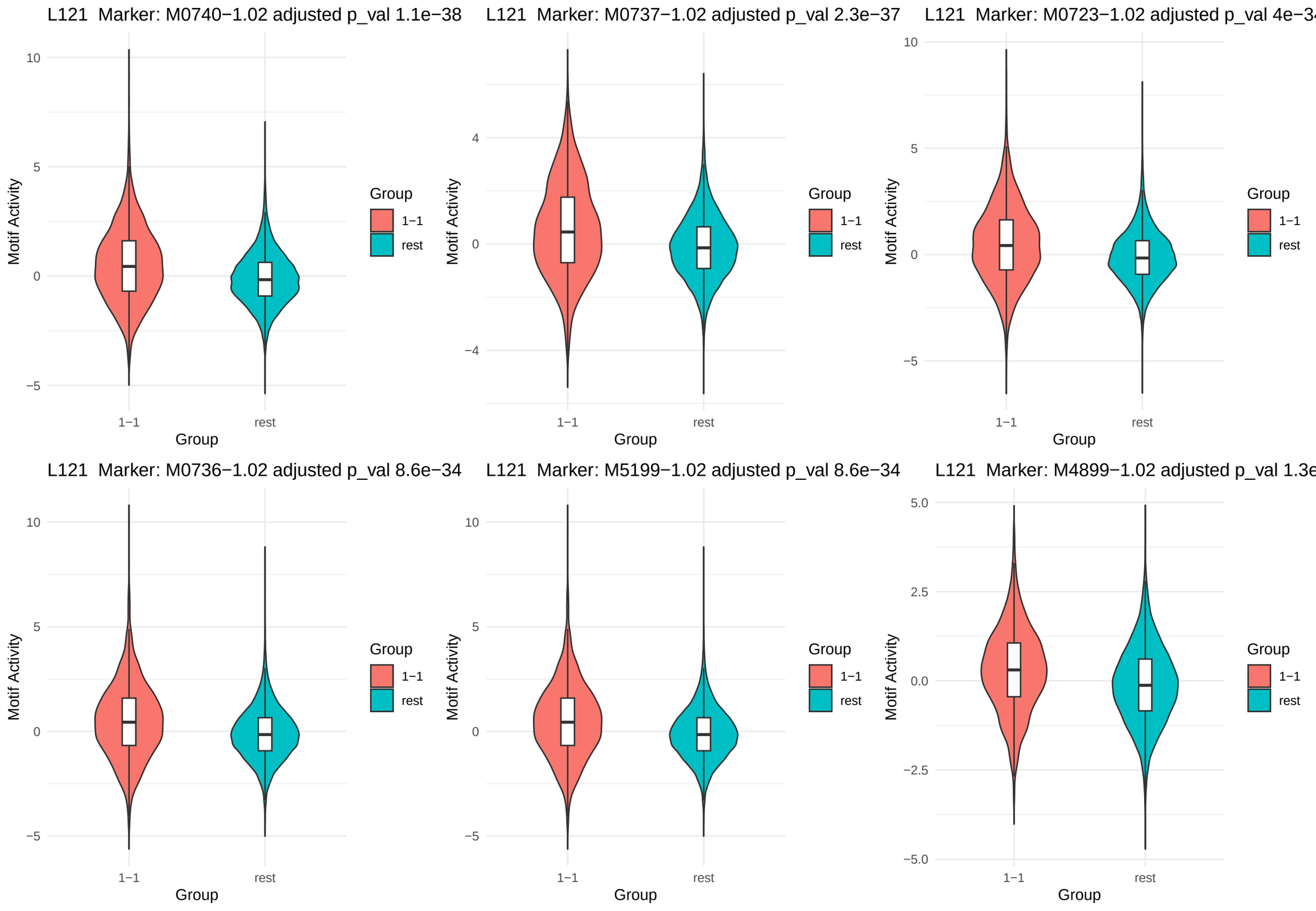

L116 Marker: M4899−1.02 adjusted p_val 1.1e−35
L116 Marker: M4924−1.02 adjusted p_val 2.1e−33
L116 Marker: M1913−1.02 adjusted p_val 1.1e
L116 Marker: M4745−1.02 adjusted p_val 2.3e−32
L116 Marker: M5064−1.02 adjusted p_val 2.3e−32
L116 Marker: M5273−1.02 adjusted p_val 2.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

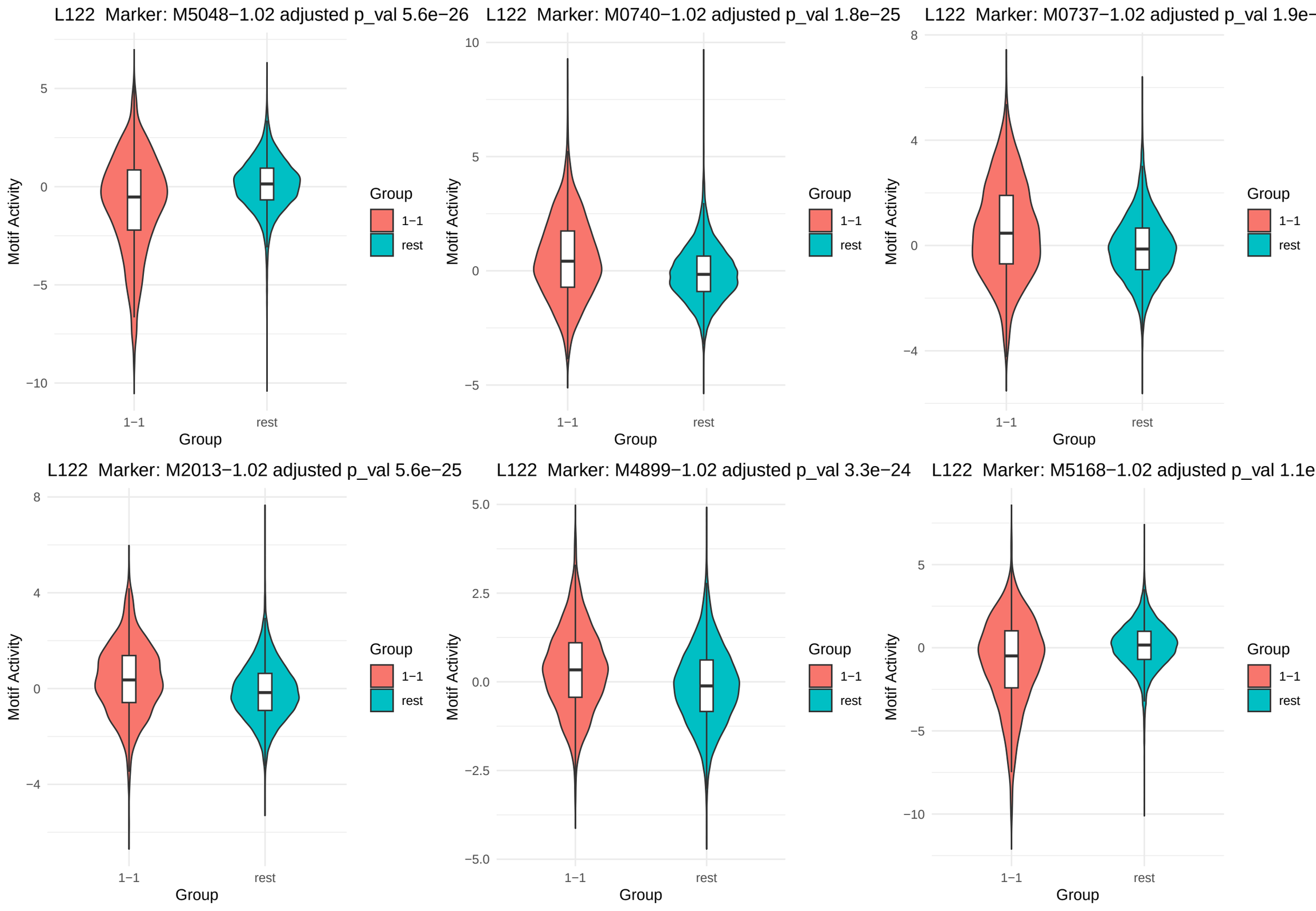

L117 Marker: M4745−1.02 adjusted p_val 5.5e−23
L117 Marker: M5064−1.02 adjusted p_val 5.5e−23
L117 Marker: M5273−1.02 adjusted p_val 5.5e−
L117 Marker: M4724−1.02 adjusted p_val 7.7e−23
L117 Marker: M4725−1.02 adjusted p_val 7.7e−23
L117 Marker: M1913−1.02 adjusted p_val 1.9e
Motif Activity
Group
1−1
rest
10
5
0
−5
−10

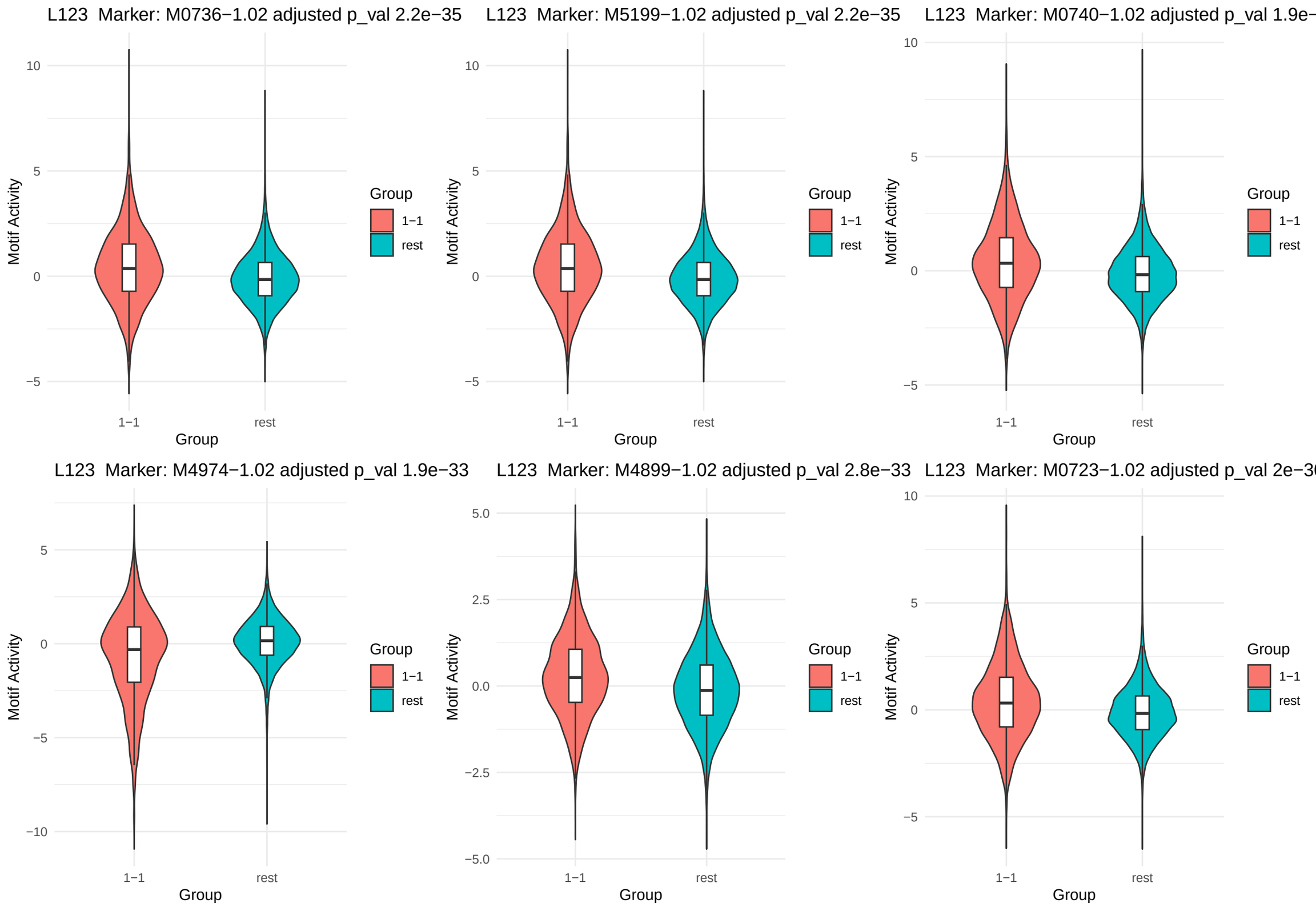

L118 Marker: M4924−1.02 adjusted p_val 1e−92
L118 Marker: M2039−1.02 adjusted p_val 5.9e−61
L118 Marker: M4814−1.02 adjusted p_val 2.1e−
L118 Marker: M4938−1.02 adjusted p_val 8.8e−51
L118 Marker: M2021−1.02 adjusted p_val 9.9e−48
L118 Marker: M2013−1.02 adjusted p_val 2.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

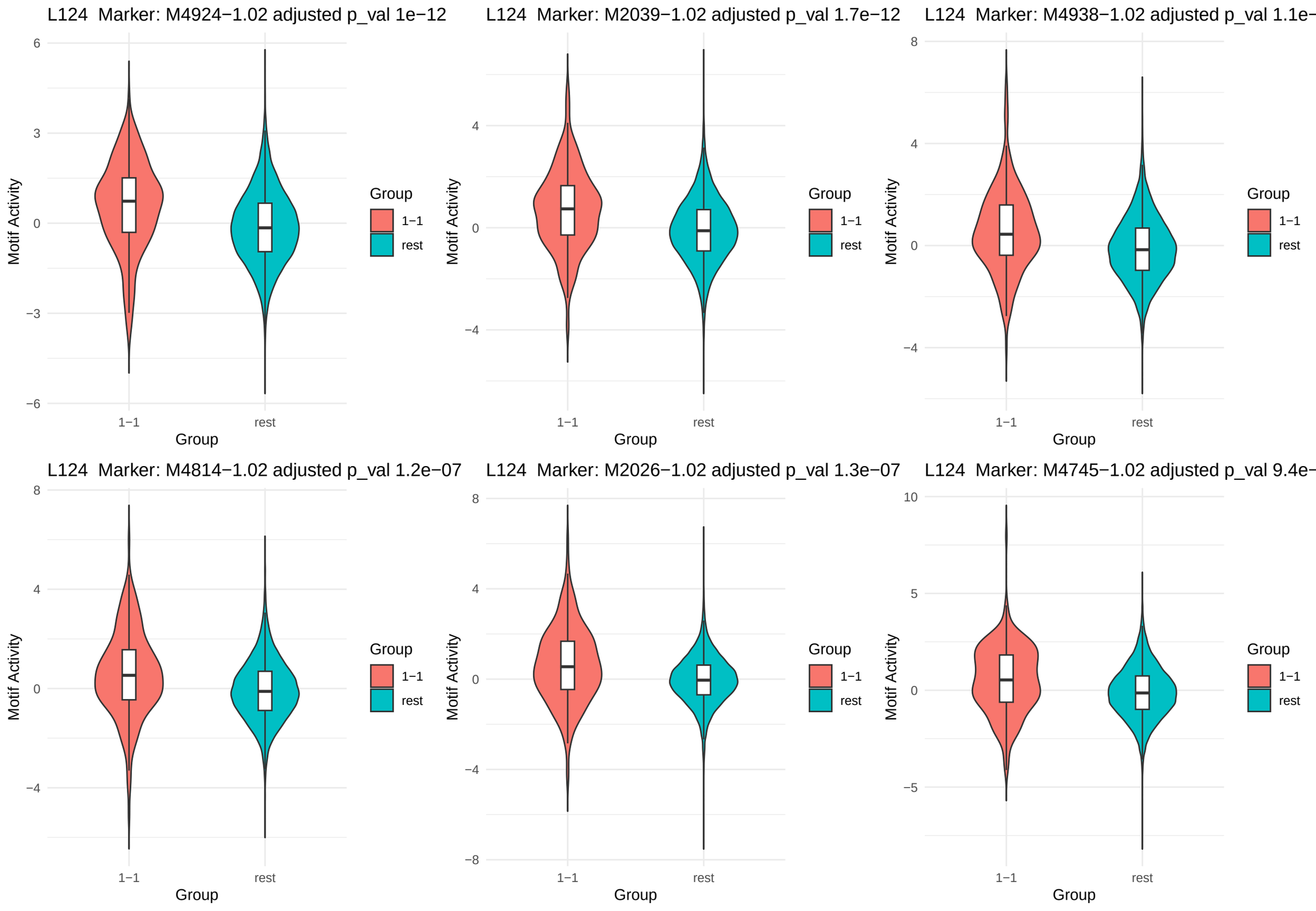

L119 Marker: M4924−1.02 adjusted p_val 3.3e−38
L119 Marker: M2013−1.02 adjusted p_val 2e−30
L119 Marker: M4938−1.02 adjusted p_val 1.4e−
L119 Marker: M4745−1.02 adjusted p_val 8.6e−28
L119 Marker: M5064−1.02 adjusted p_val 8.6e−28
L119 Marker: M5273−1.02 adjusted p_val 8.6e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

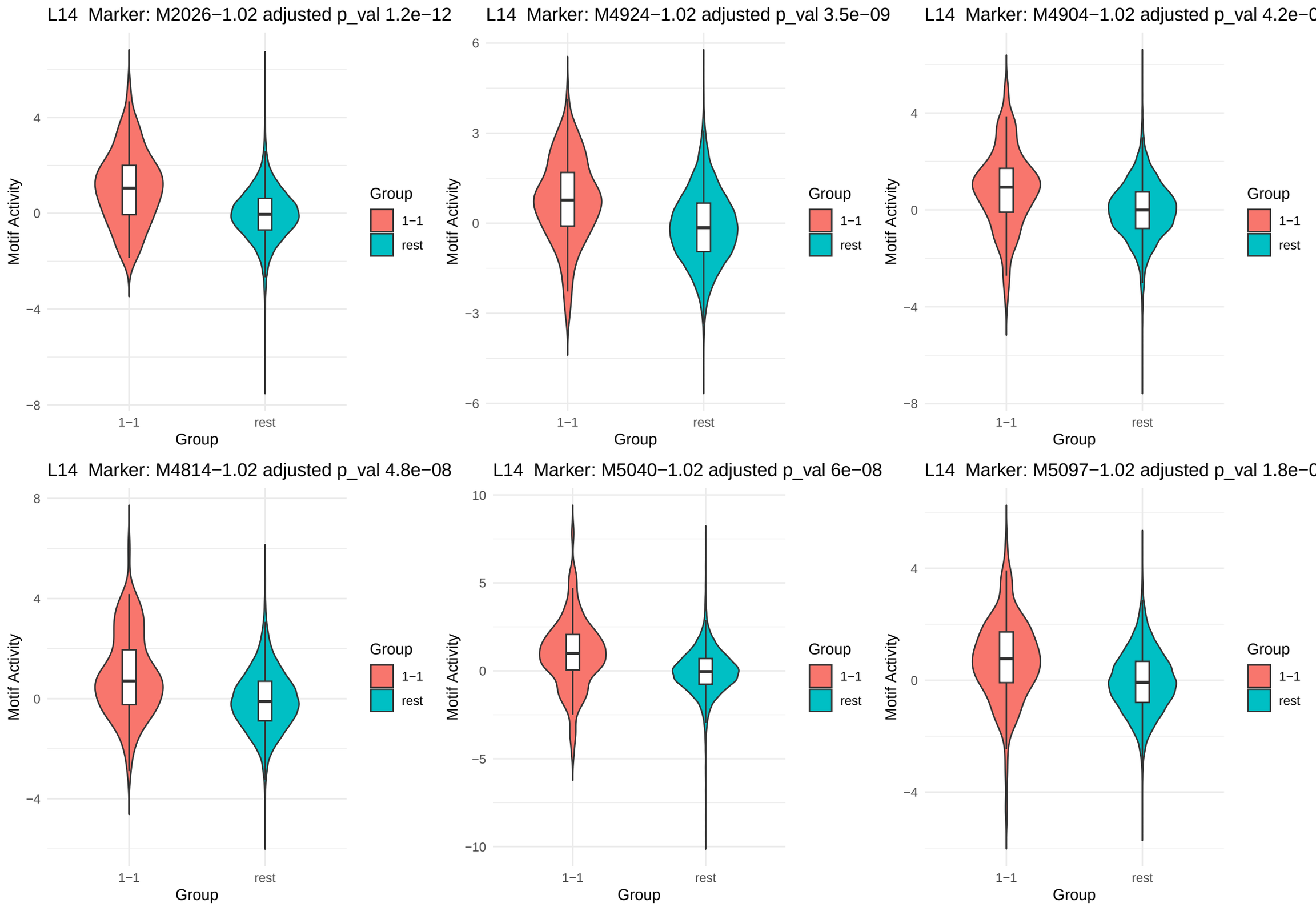

L120 Marker: M4672−1.02 adjusted p_val 5.8e−15
L120 Marker: M4974−1.02 adjusted p_val 2.1e−13
L120 Marker: M4924−1.02 adjusted p_val 2.9e−
L120 Marker: M4745−1.02 adjusted p_val 2.4e−11
L120 Marker: M5064−1.02 adjusted p_val 2.4e−11
L120 Marker: M5273−1.02 adjusted p_val 2.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

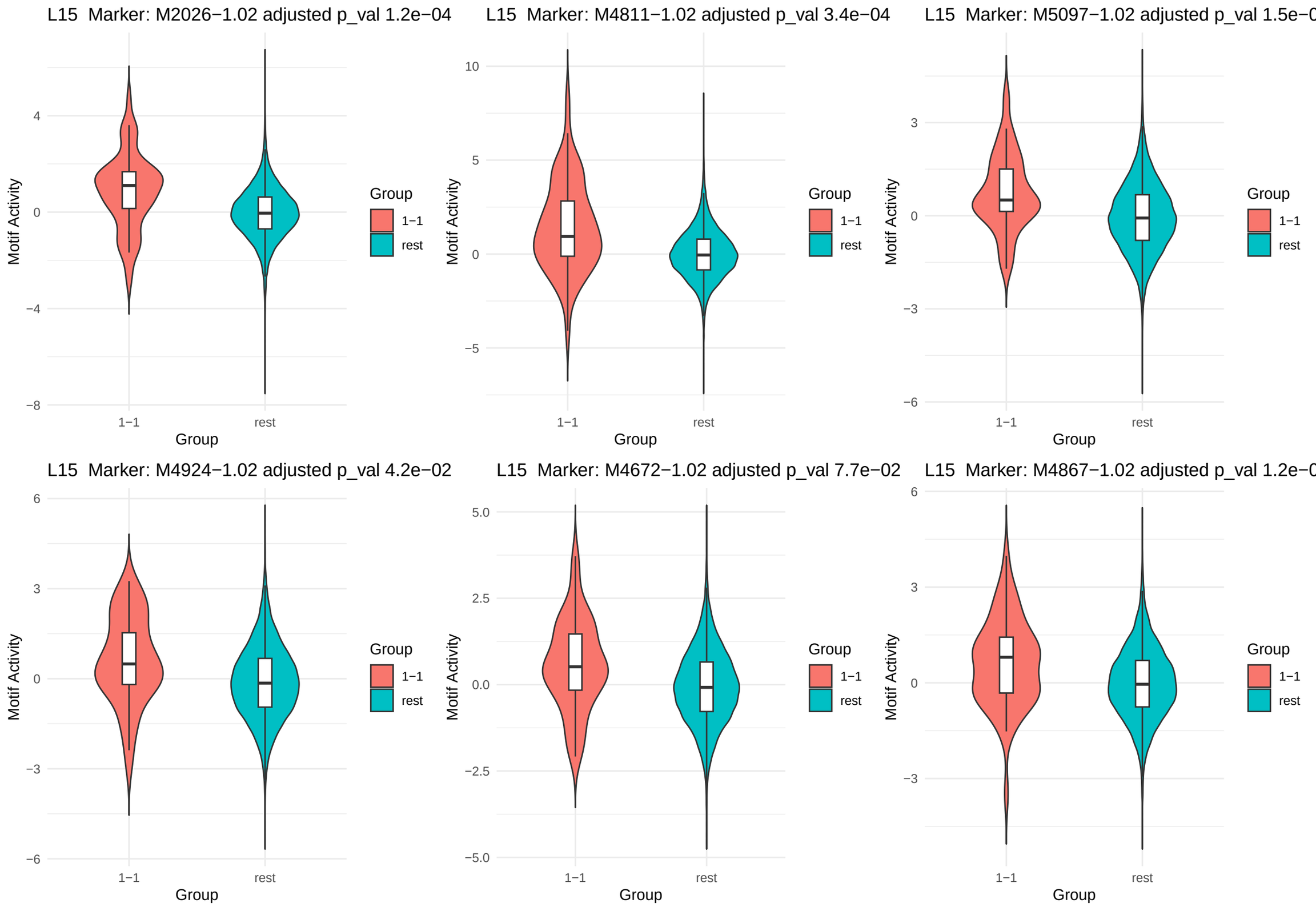

L121 Marker: M0740−1.02 adjusted p_val 1.1e−38
L121 Marker: M0737−1.02 adjusted p_val 2.3e−37
L121 Marker: M0723−1.02 adjusted p_val 4e−34
L121 Marker: M0736−1.02 adjusted p_val 8.6e−34
L121 Marker: M5199−1.02 adjusted p_val 8.6e−34
L121 Marker: M4899−1.02 adjusted p_val 1.3e
Motif Activity
Group
1−1
rest
Group
1−1
rest

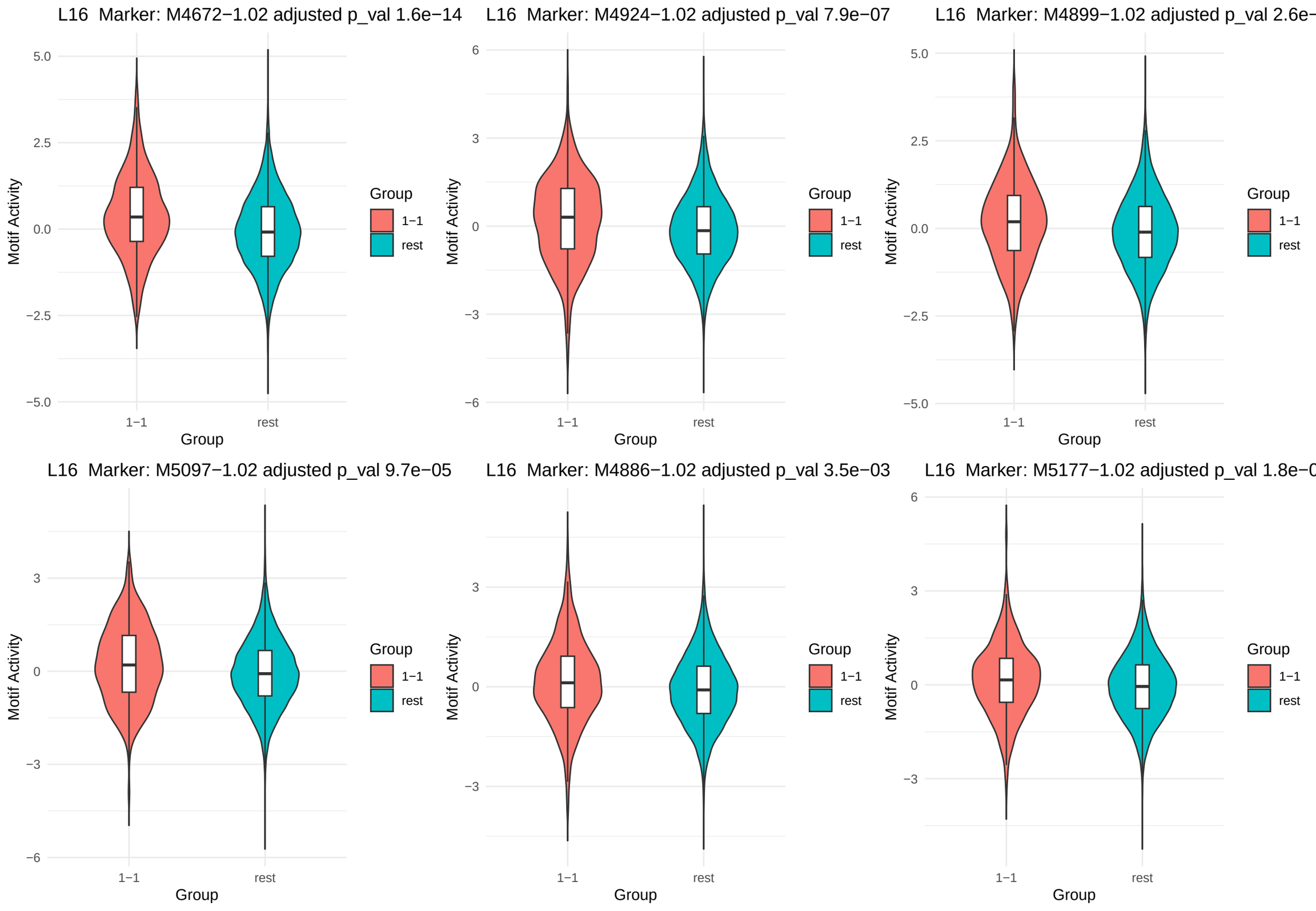

L122 Marker: M5048−1.02 adjusted p_val 5.6e−26
L122 Marker: M0740−1.02 adjusted p_val 1.8e−25
L122 Marker: M0737−1.02 adjusted p_val 1.9e−
L122 Marker: M2013−1.02 adjusted p_val 5.6e−25
L122 Marker: M4899−1.02 adjusted p_val 3.3e−24
L122 Marker: M5168−1.02 adjusted p_val 1.1e
Motif Activity
Group
1−1
rest
Group
1−1
rest

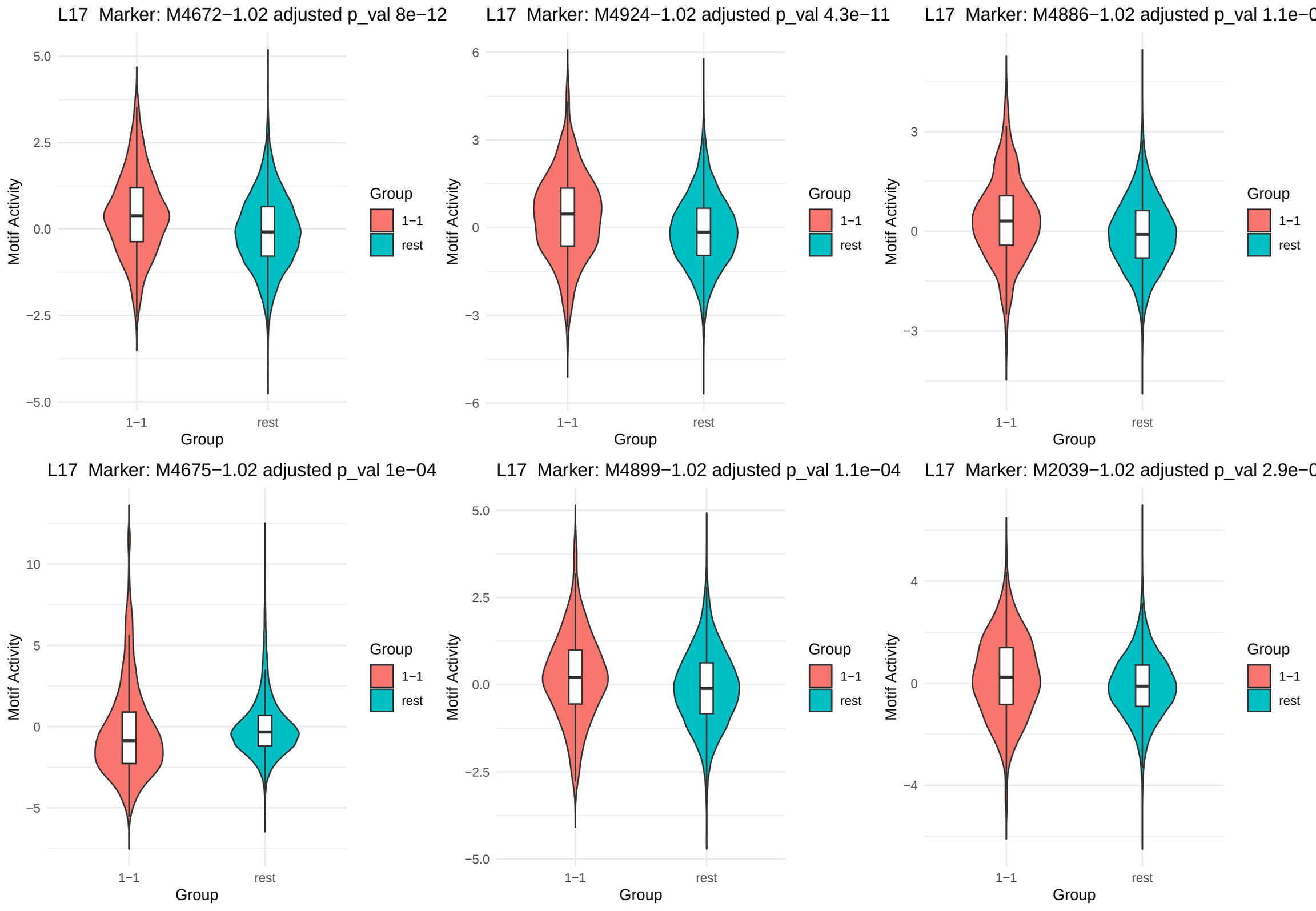

L123 Marker: M0736−1.02 adjusted p_val 2.2e−35
L123 Marker: M5199−1.02 adjusted p_val 2.2e−35
L123 Marker: M0740−1.02 adjusted p_val 1.9e−
L123 Marker: M4974−1.02 adjusted p_val 1.9e−33
L123 Marker: M4899−1.02 adjusted p_val 2.8e−33
L123 Marker: M0723−1.02 adjusted p_val 2e−3
Motif Activity
Group
1−1
rest
Group
1−1
rest

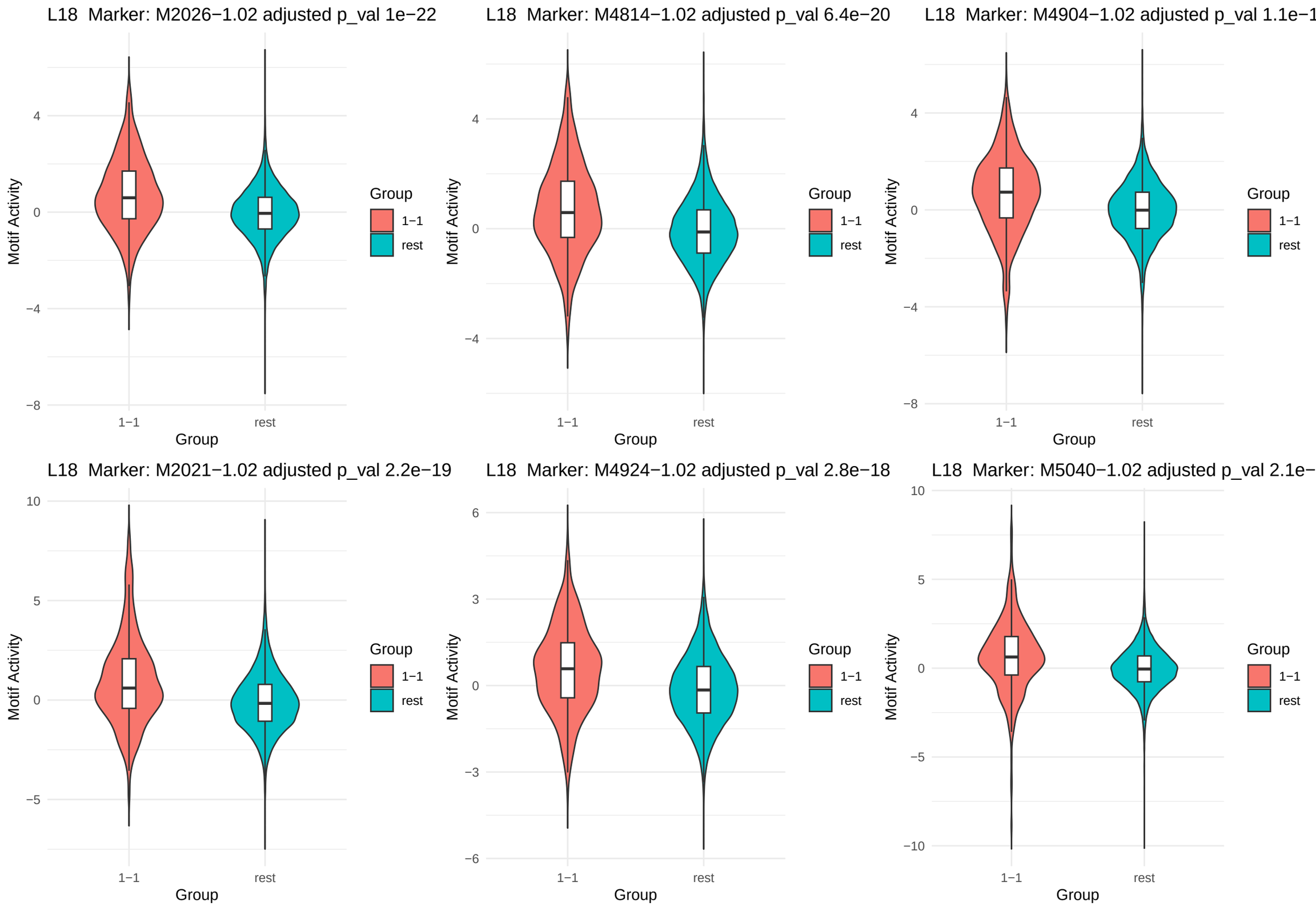

L124 Marker: M4924−1.02 adjusted p_val 1e−12
L124 Marker: M2039−1.02 adjusted p_val 1.7e−12
L124 Marker: M4938−1.02 adjusted p_val 1.1e−
L124 Marker: M4814−1.02 adjusted p_val 1.2e−07
L124 Marker: M2026−1.02 adjusted p_val 1.3e−07
L124 Marker: M4745−1.02 adjusted p_val 9.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

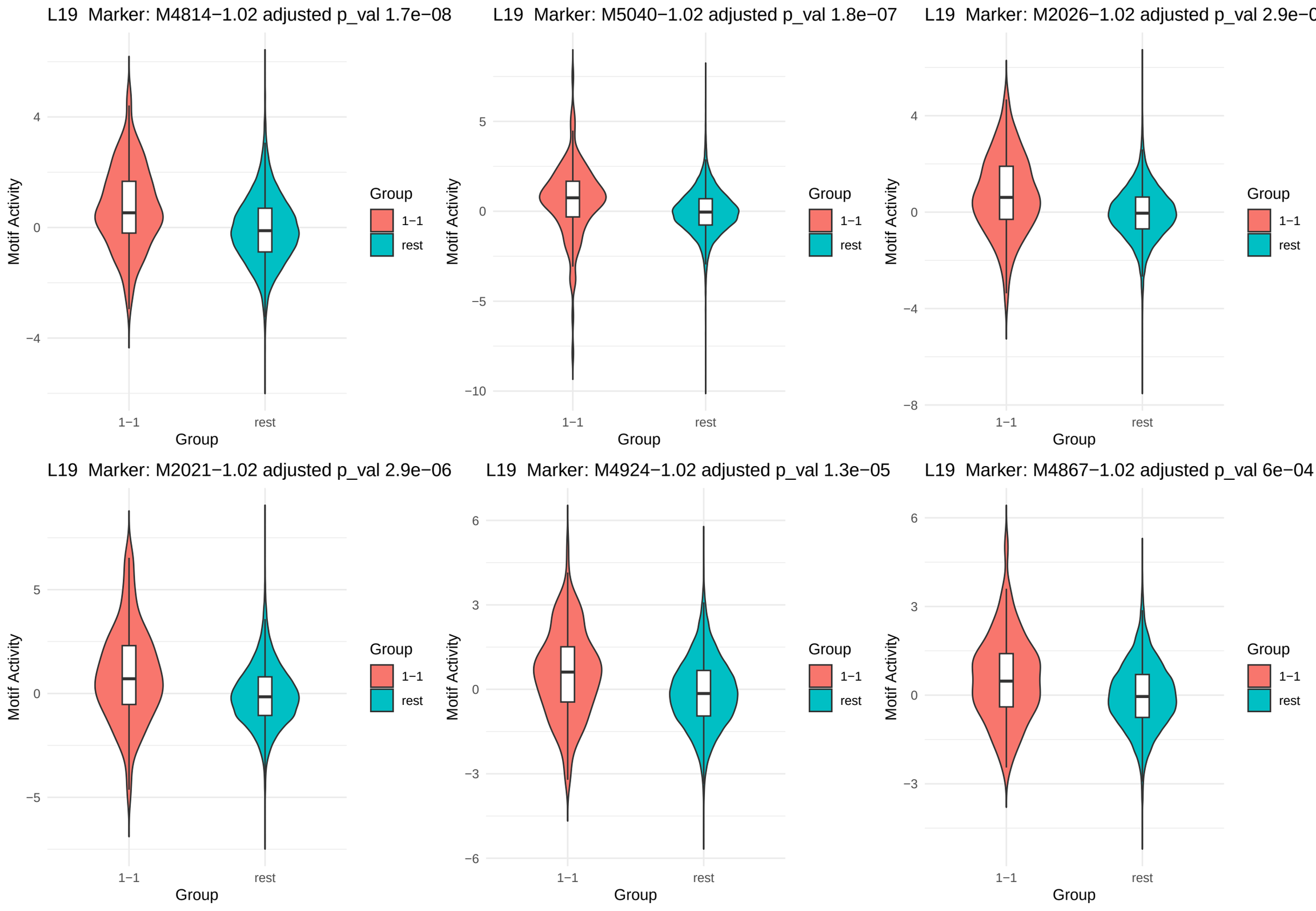

L14 Marker: M2026−1.02 adjusted p_val 1.2e−12
L14 Marker: M4924−1.02 adjusted p_val 3.5e−09
L14 Marker: M4904−1.02 adjusted p_val 4.2e−0
L14 Marker: M4814−1.02 adjusted p_val 4.8e−08
L14 Marker: M5040−1.02 adjusted p_val 6e−08
L14 Marker: M5097−1.02 adjusted p_val 1.8e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

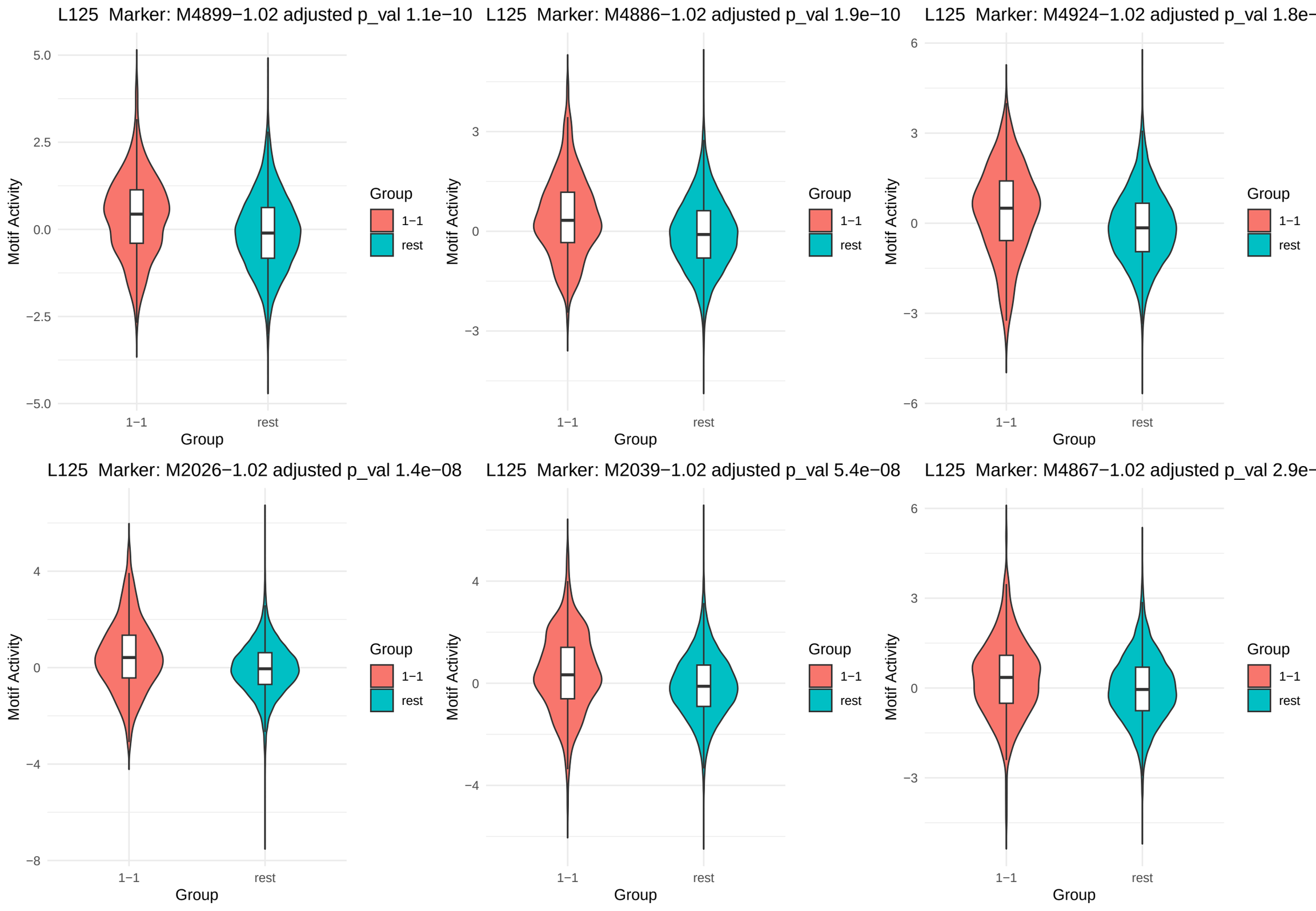

L15 Marker: M2026−1.02 adjusted p_val 1.2e−04
L15 Marker: M4811−1.02 adjusted p_val 3.4e−04
L15 Marker: M5097−1.02 adjusted p_val 1.5e−0
L15 Marker: M4924−1.02 adjusted p_val 4.2e−02
L15 Marker: M4672−1.02 adjusted p_val 7.7e−02
L15 Marker: M4867−1.02 adjusted p_val 1.2e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

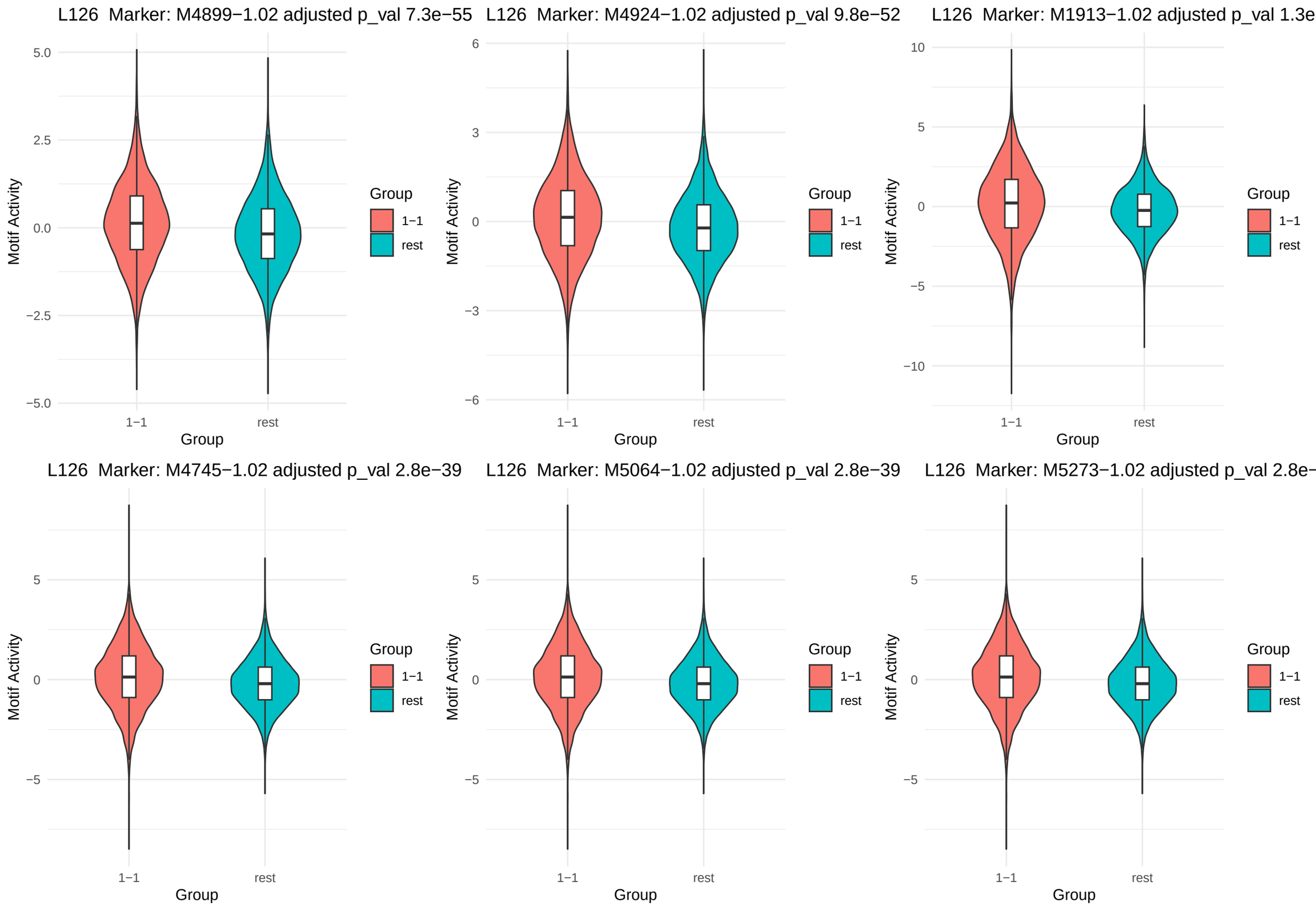

L16 Marker: M4672−1.02 adjusted p_val 1.6e−14
L16 Marker: M4924−1.02 adjusted p_val 7.9e−07
L16 Marker: M4899−1.02 adjusted p_val 2.6e−
L16 Marker: M5097−1.02 adjusted p_val 9.7e−05
L16 Marker: M4886−1.02 adjusted p_val 3.5e−03
L16 Marker: M5177−1.02 adjusted p_val 1.8e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

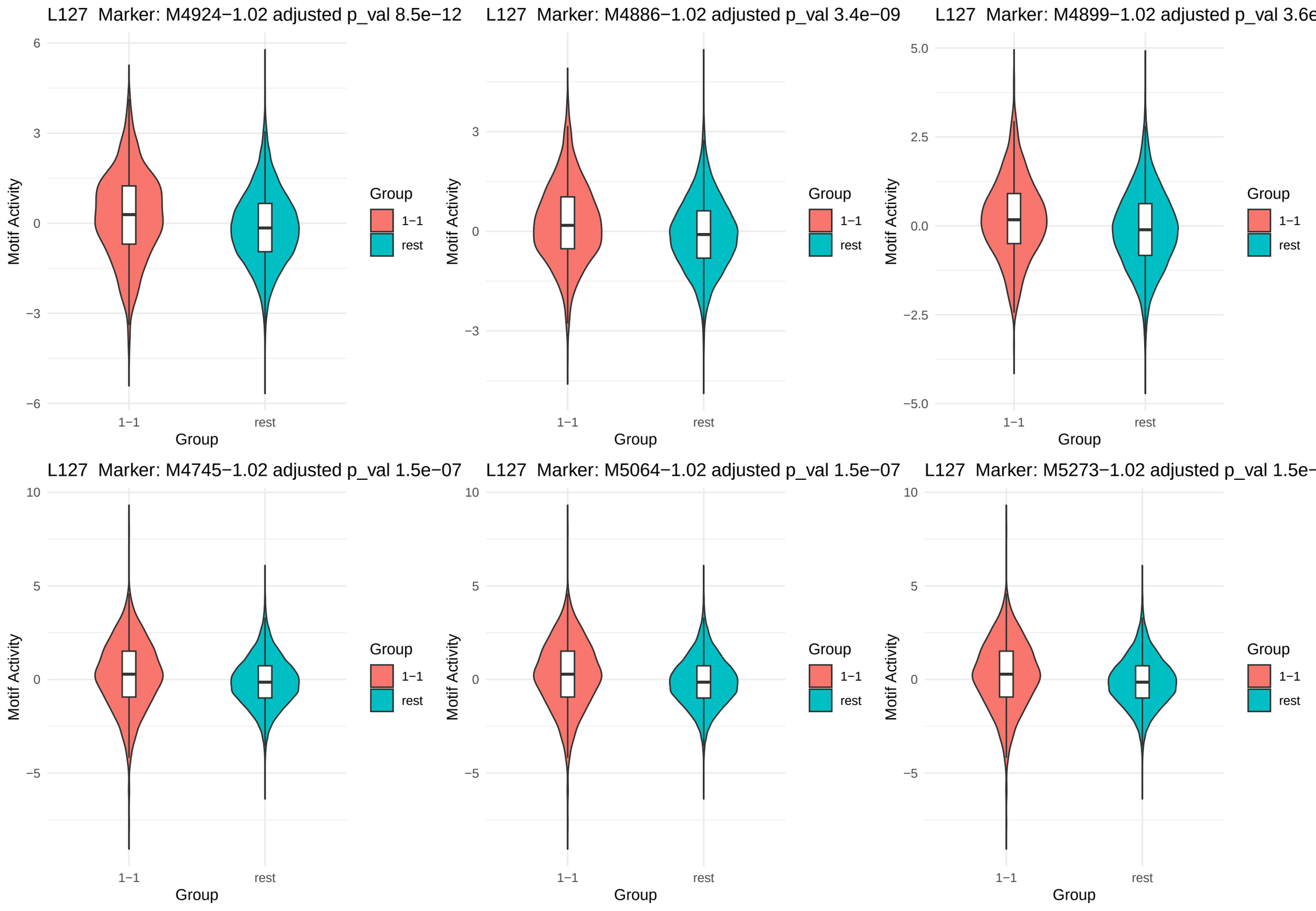

L17 Marker: M4672−1.02 adjusted p_val 8e−12
L17 Marker: M4924−1.02 adjusted p_val 4.3e−11
L17 Marker: M4886−1.02 adjusted p_val 1.1e−0
L17 Marker: M4675−1.02 adjusted p_val 1e−04
L17 Marker: M4899−1.02 adjusted p_val 1.1e−04
L17 Marker: M2039−1.02 adjusted p_val 2.9e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

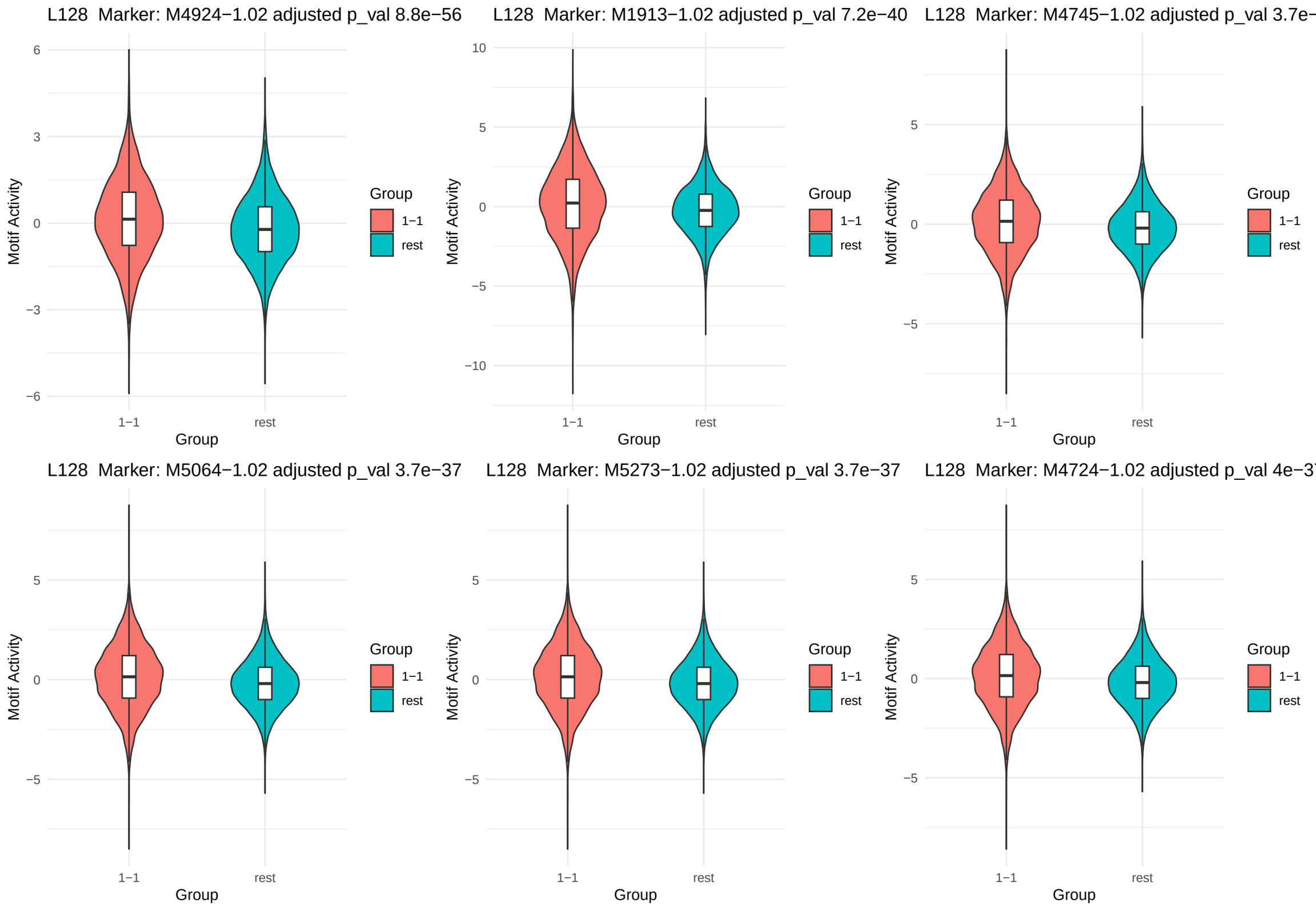

L18 Marker: M2026−1.02 adjusted p_val 1e−22
L18 Marker: M4814−1.02 adjusted p_val 6.4e−20
L18 Marker: M4904−1.02 adjusted p_val 1.1e−1
L18 Marker: M2021−1.02 adjusted p_val 2.2e−19
L18 Marker: M4924−1.02 adjusted p_val 2.8e−18
L18 Marker: M5040−1.02 adjusted p_val 2.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

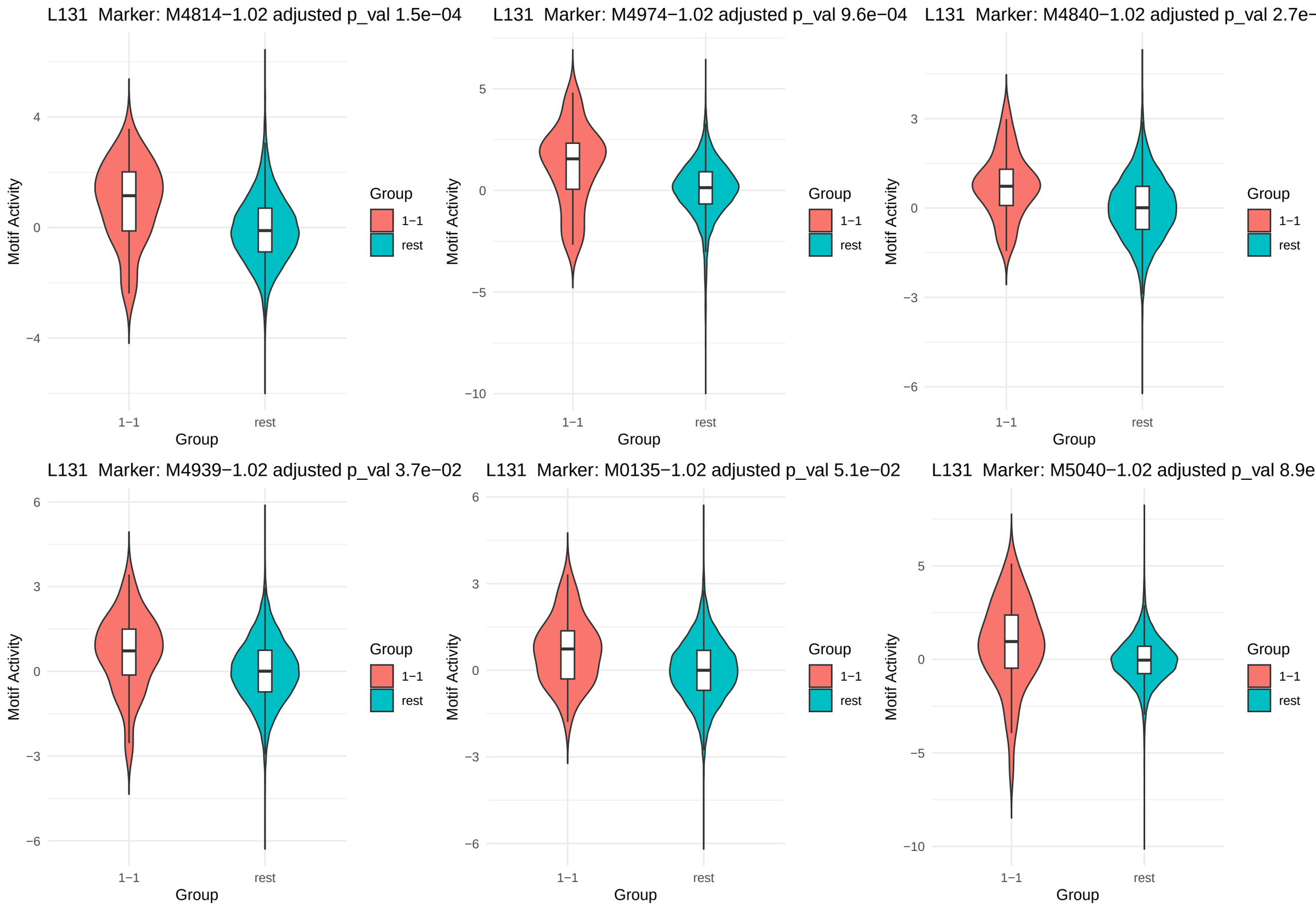

L19 Marker: M4814−1.02 adjusted p_val 1.7e−08
L19 Marker: M5040−1.02 adjusted p_val 1.8e−07
L19 Marker: M2026−1.02 adjusted p_val 2.9e−0
L19 Marker: M2021−1.02 adjusted p_val 2.9e−06
L19 Marker: M4924−1.02 adjusted p_val 1.3e−05
L19 Marker: M4867−1.02 adjusted p_val 6e−04
Motif Activity
Group
1−1
rest
Group
1−1
rest

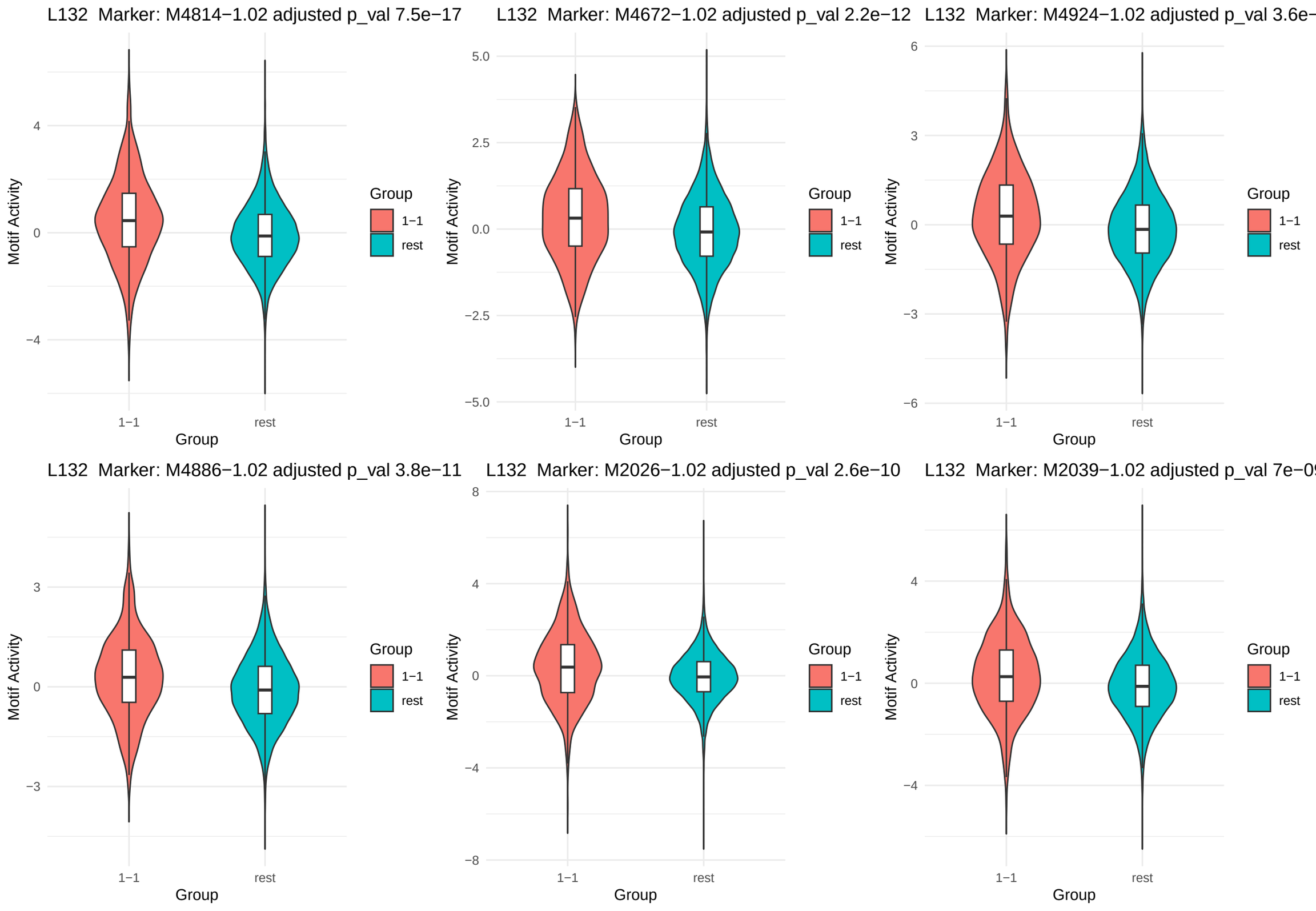

L125 Marker: M4899−1.02 adjusted p_val 1.1e−10
L125 Marker: M4886−1.02 adjusted p_val 1.9e−10
L125 Marker: M4924−1.02 adjusted p_val 1.8e−
L125 Marker: M2026−1.02 adjusted p_val 1.4e−08
L125 Marker: M2039−1.02 adjusted p_val 5.4e−08
L125 Marker: M4867−1.02 adjusted p_val 2.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

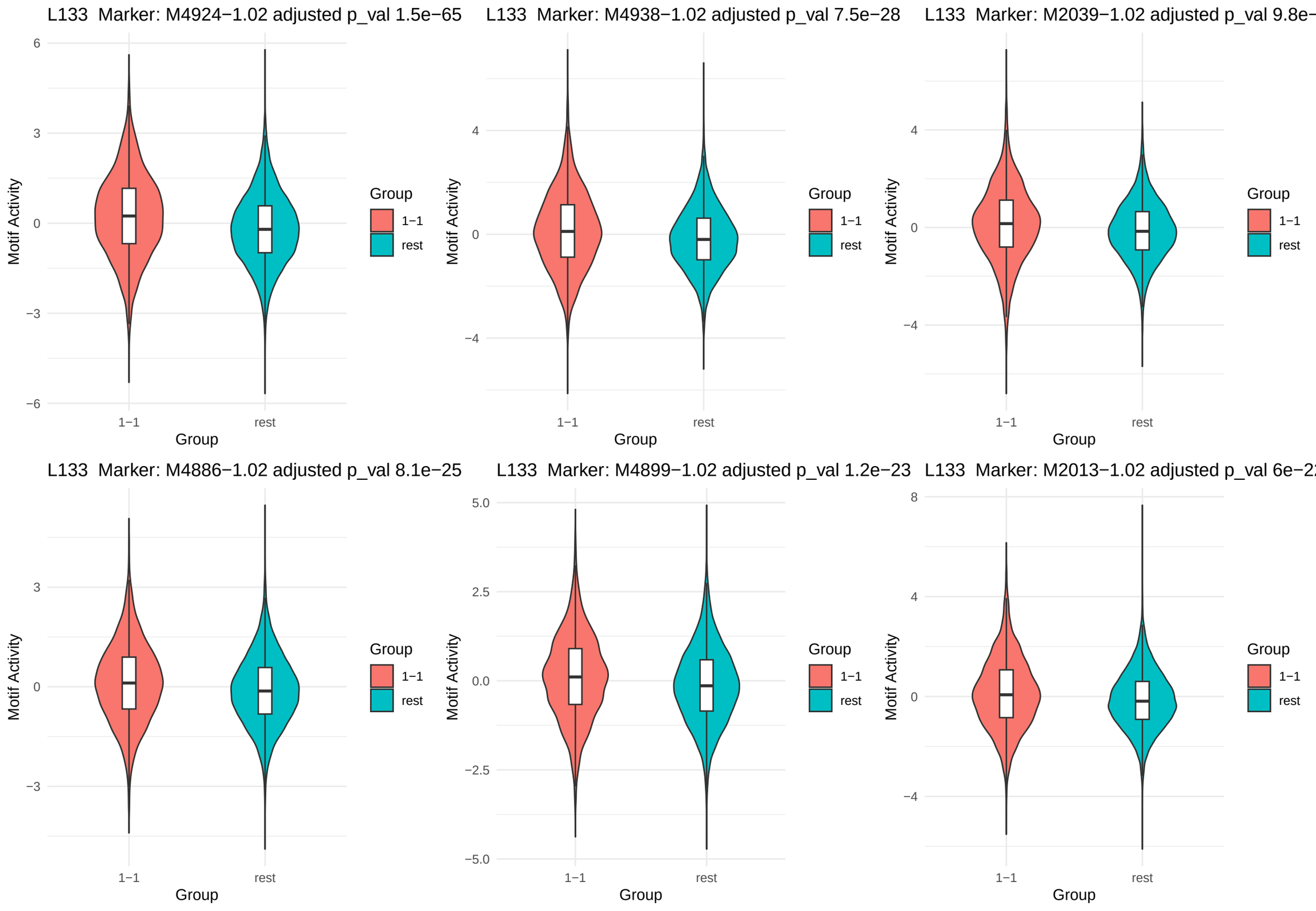

L126 Marker: M4899−1.02 adjusted p_val 7.3e−55
L126 Marker: M4924−1.02 adjusted p_val 9.8e−52
L126 Marker: M1913−1.02 adjusted p_val 1.3e
L126 Marker: M4745−1.02 adjusted p_val 2.8e−39
L126 Marker: M5064−1.02 adjusted p_val 2.8e−39
L126 Marker: M5273−1.02 adjusted p_val 2.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

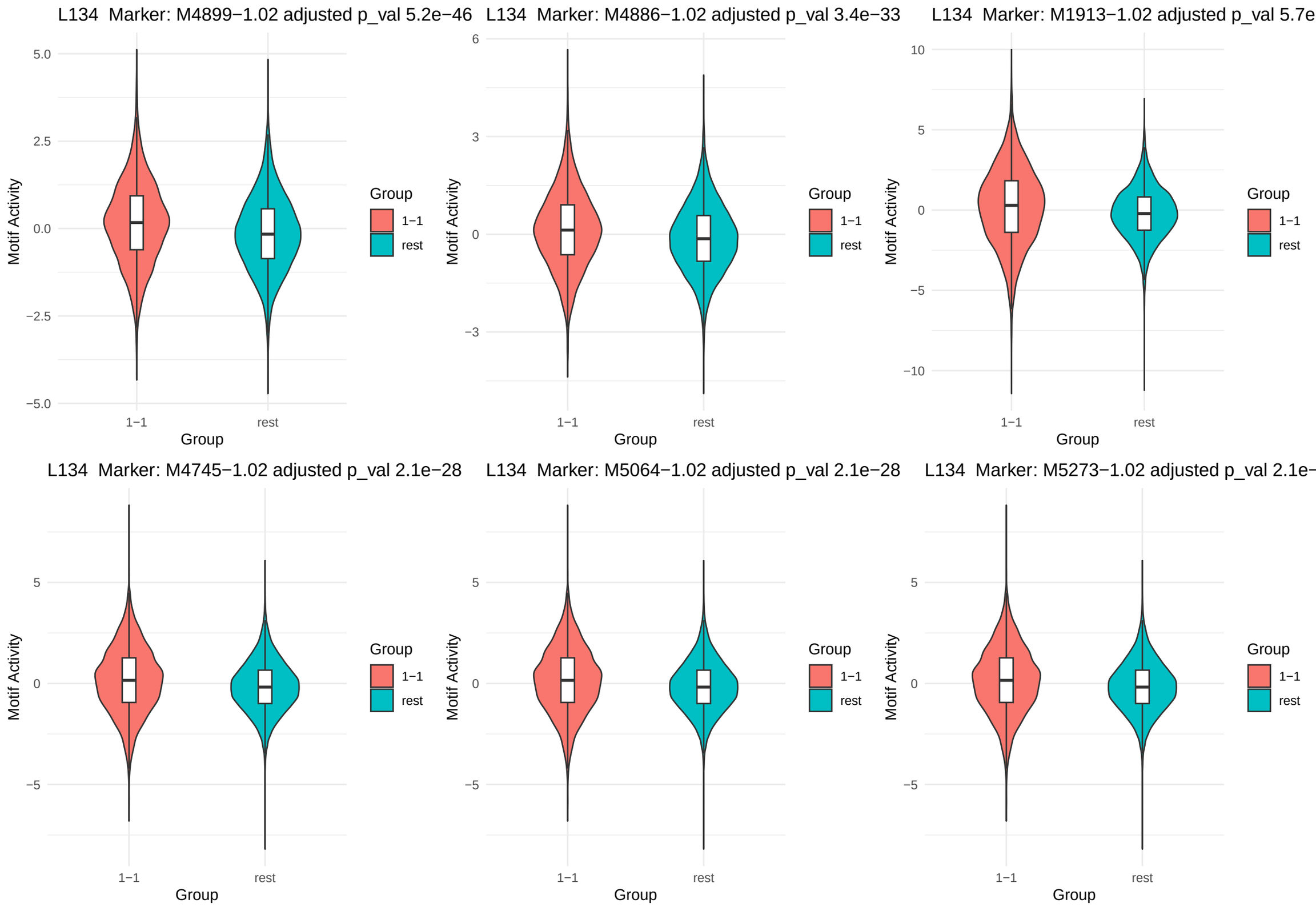

L127 Marker: M4924−1.02 adjusted p_val 8.5e−12
L127 Marker: M4886−1.02 adjusted p_val 3.4e−09
L127 Marker: M4899−1.02 adjusted p_val 3.6e
L127 Marker: M4745−1.02 adjusted p_val 1.5e−07
L127 Marker: M5064−1.02 adjusted p_val 1.5e−07
L127 Marker: M5273−1.02 adjusted p_val 1.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

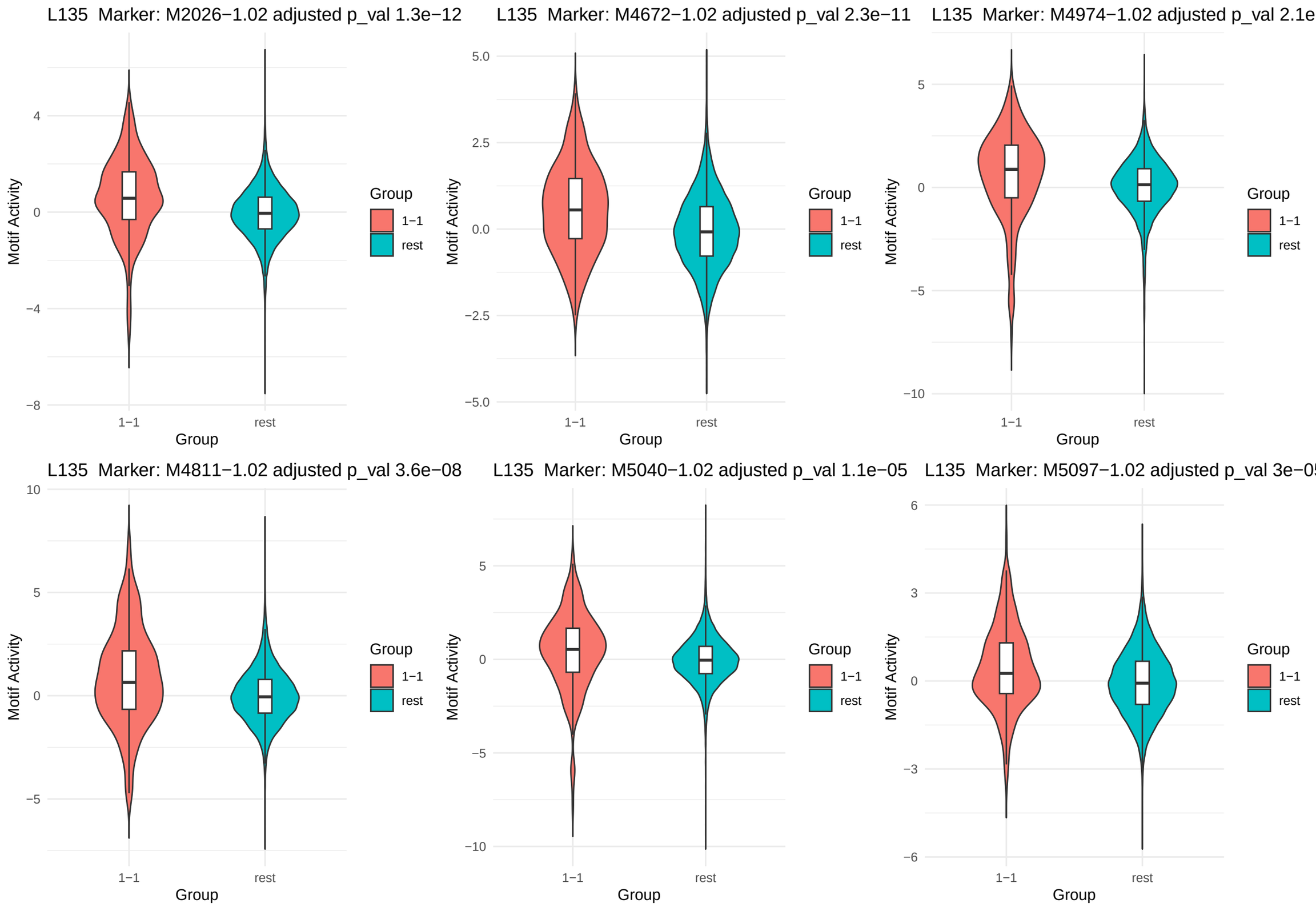

L128 Marker: M4924−1.02 adjusted p_val 8.8e−56
L128 Marker: M1913−1.02 adjusted p_val 7.2e−40
L128 Marker: M4745−1.02 adjusted p_val 3.7e−
L128 Marker: M5064−1.02 adjusted p_val 3.7e−37
L128 Marker: M5273−1.02 adjusted p_val 3.7e−37
L128 Marker: M4724−1.02 adjusted p_val 4e−3
Motif Activity
Group
1−1
rest
Group
1−1
rest

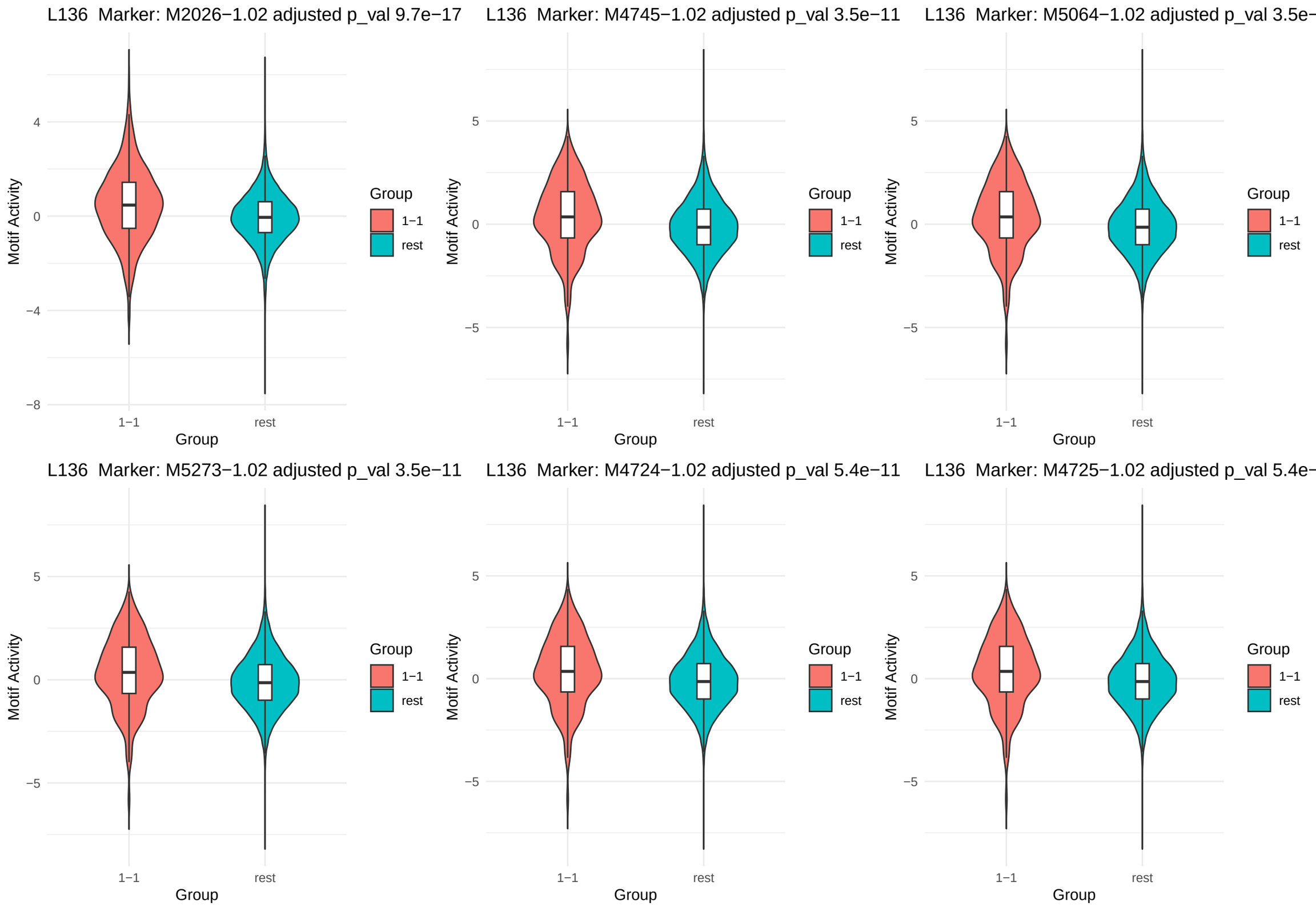

L131 Marker: M4814−1.02 adjusted p_val 1.5e−04
L131 Marker: M4974−1.02 adjusted p_val 9.6e−04
L131 Marker: M4840−1.02 adjusted p_val 2.7e−
L131 Marker: M4939−1.02 adjusted p_val 3.7e−02
L131 Marker: M0135−1.02 adjusted p_val 5.1e−02
L131 Marker: M5040−1.02 adjusted p_val 8.9e
Motif Activity
Group
1−1
rest
Group
1−1
rest

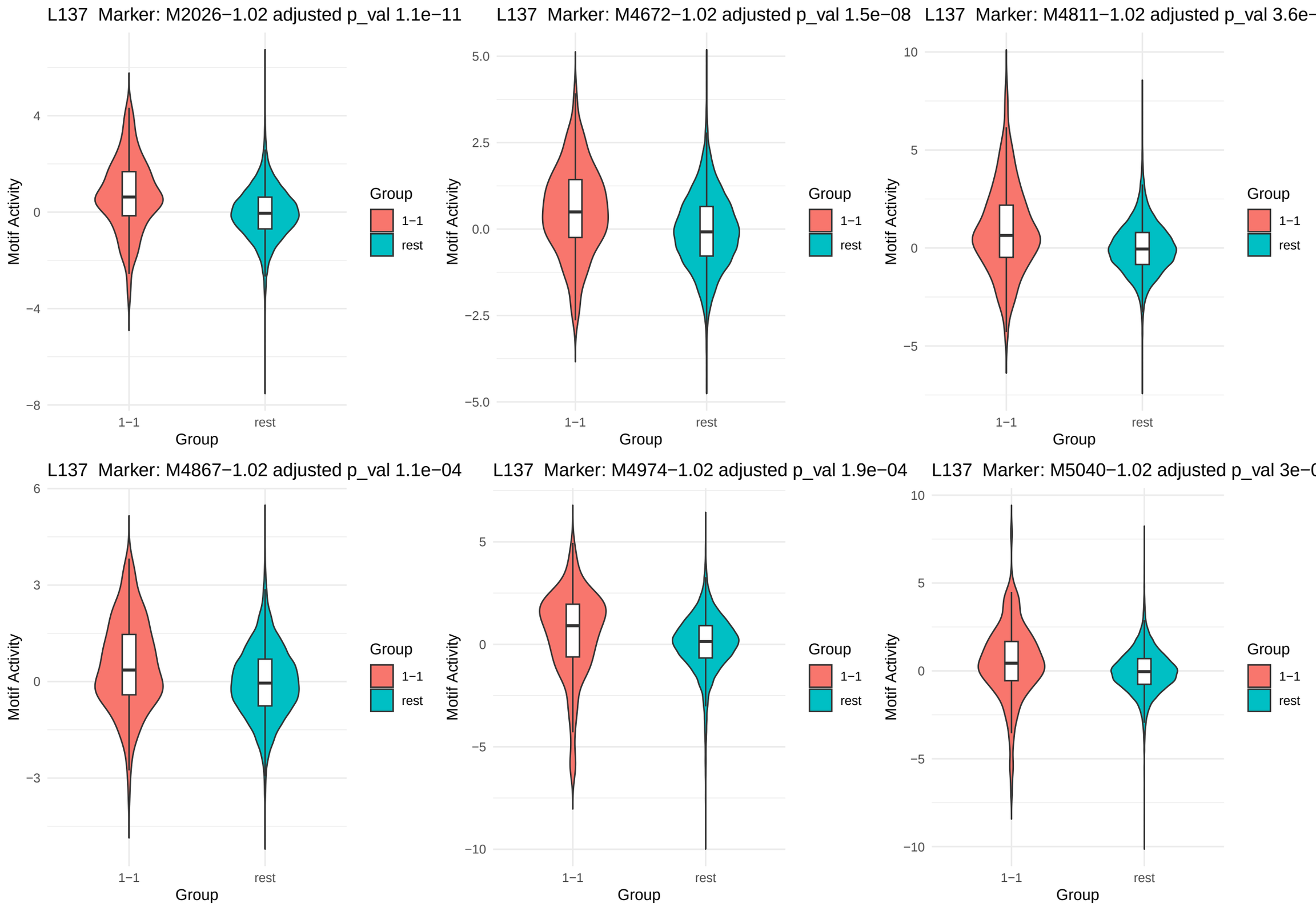

L132 Marker: M4814−1.02 adjusted p_val 7.5e−17
L132 Marker: M4672−1.02 adjusted p_val 2.2e−12
L132 Marker: M4924−1.02 adjusted p_val 3.6e−
L132 Marker: M4886−1.02 adjusted p_val 3.8e−11
L132 Marker: M2026−1.02 adjusted p_val 2.6e−10
L132 Marker: M2039−1.02 adjusted p_val 7e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

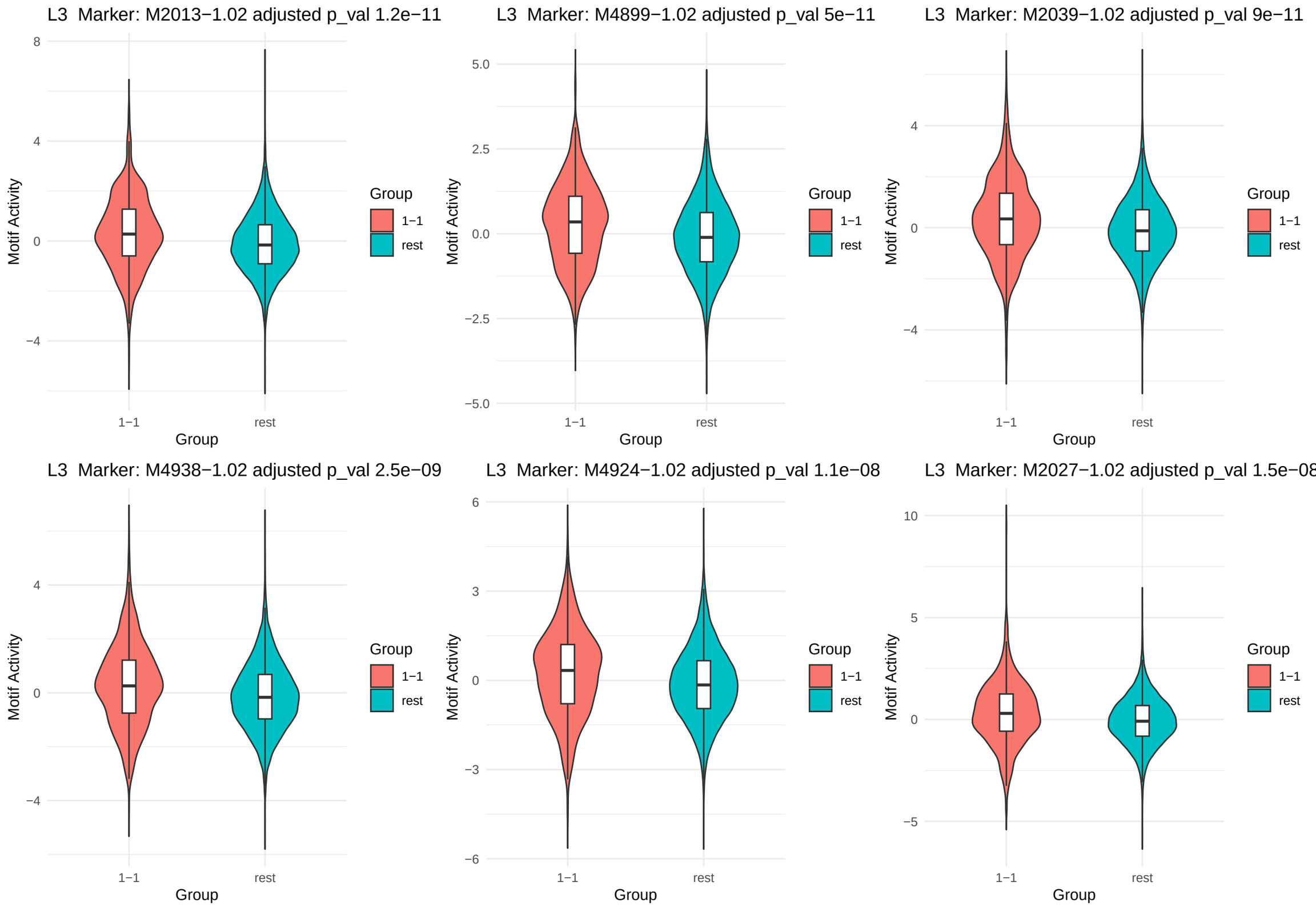

L133 Marker: M4924−1.02 adjusted p_val 1.5e−65
L133 Marker: M4938−1.02 adjusted p_val 7.5e−28
L133 Marker: M2039−1.02 adjusted p_val 9.8e−
L133 Marker: M4886−1.02 adjusted p_val 8.1e−25
L133 Marker: M4899−1.02 adjusted p_val 1.2e−23
L133 Marker: M2013−1.02 adjusted p_val 6e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

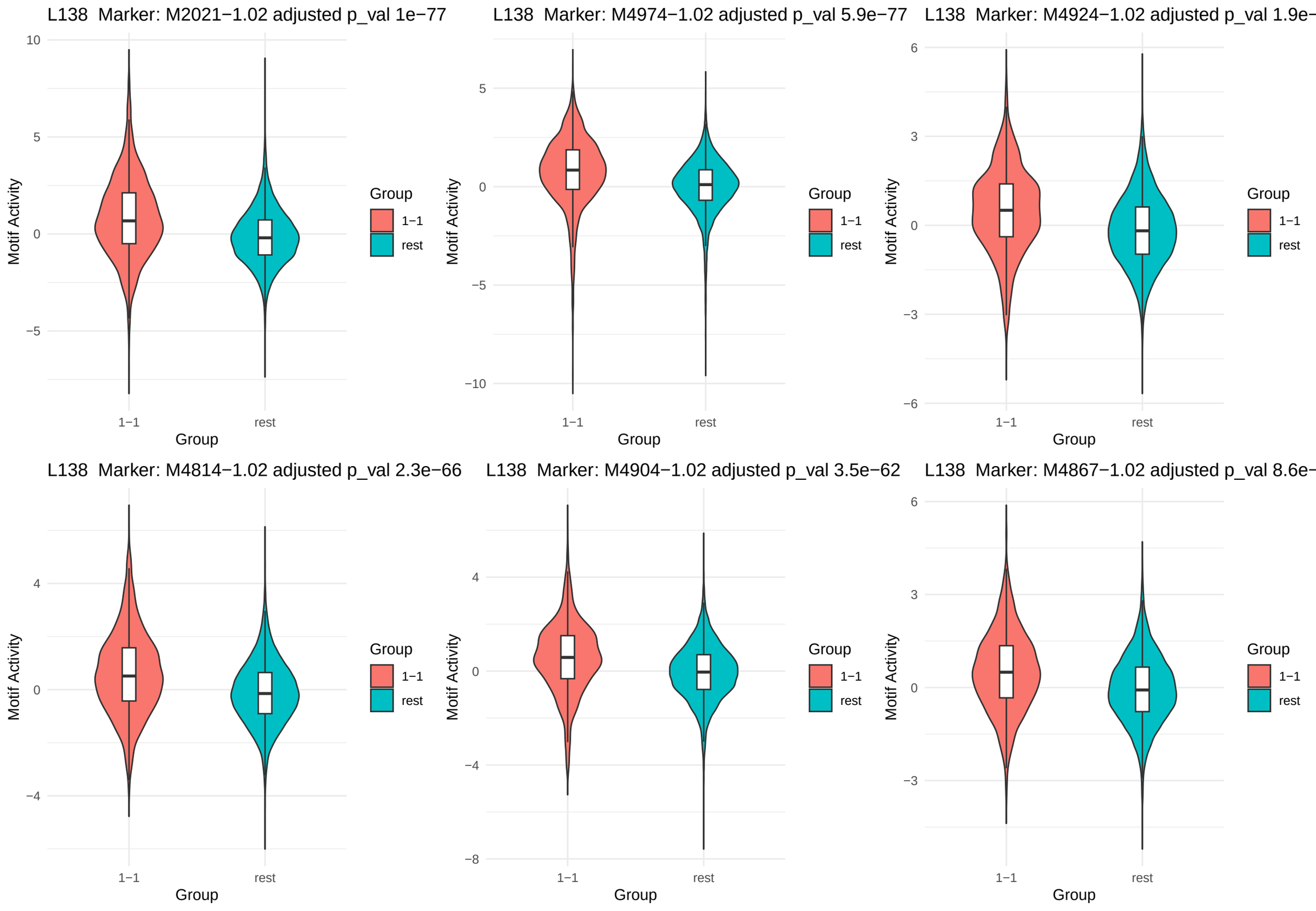

L134 Marker: M4899−1.02 adjusted p_val 5.2e−46
L134 Marker: M4886−1.02 adjusted p_val 3.4e−33
L134 Marker: M1913−1.02 adjusted p_val 5.7e
L134 Marker: M4745−1.02 adjusted p_val 2.1e−28
L134 Marker: M5064−1.02 adjusted p_val 2.1e−28
L134 Marker: M5273−1.02 adjusted p_val 2.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

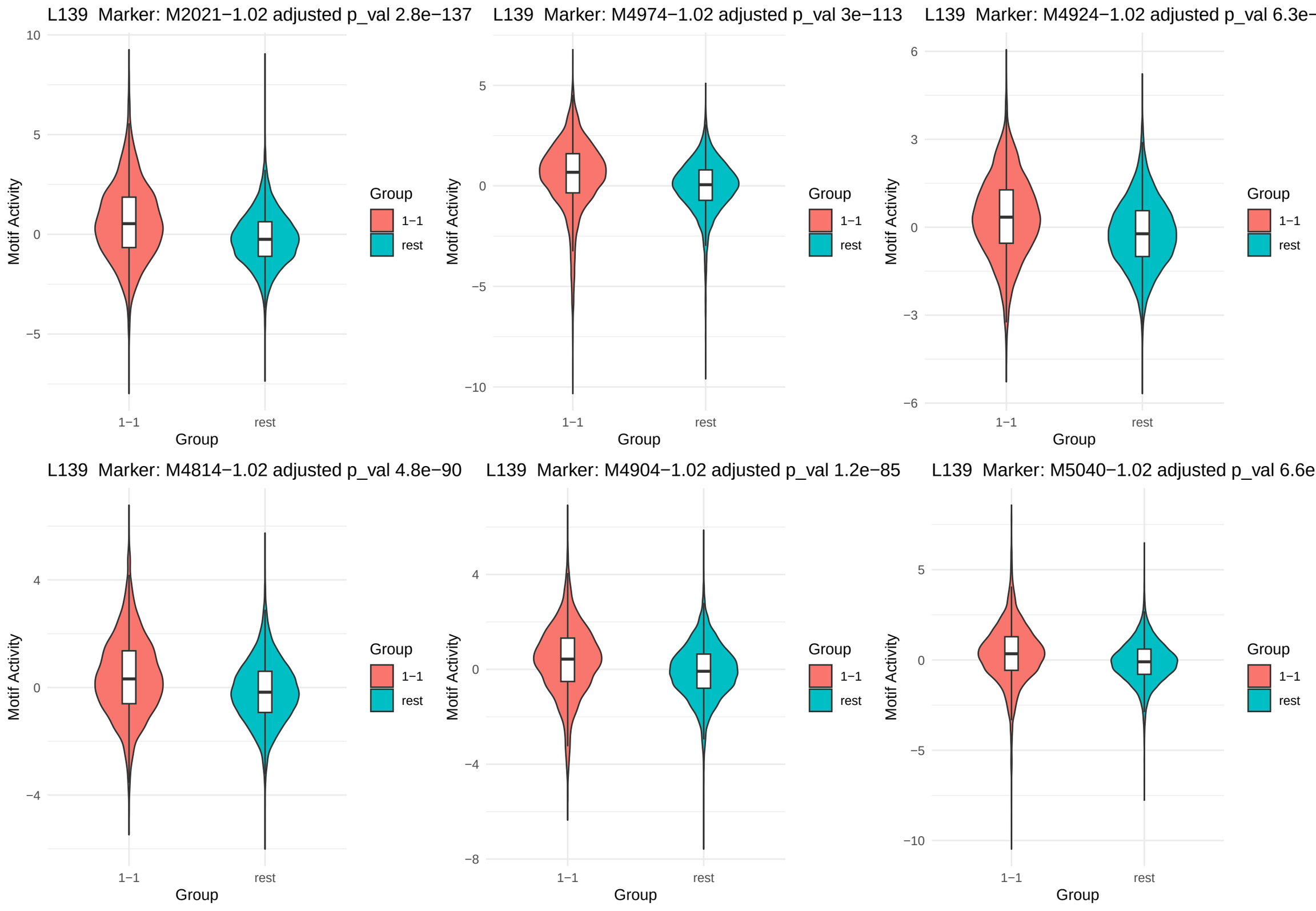

L135 Marker: M2026−1.02 adjusted p_val 1.3e−12
L135 Marker: M4672−1.02 adjusted p_val 2.3e−11
L135 Marker: M4974−1.02 adjusted p_val 2.1e
L135 Marker: M4811−1.02 adjusted p_val 3.6e−08
L135 Marker: M5040−1.02 adjusted p_val 1.1e−05
L135 Marker: M5097−1.02 adjusted p_val 3e−05
Motif Activity
Group
1−1
rest
Group
1−1
rest

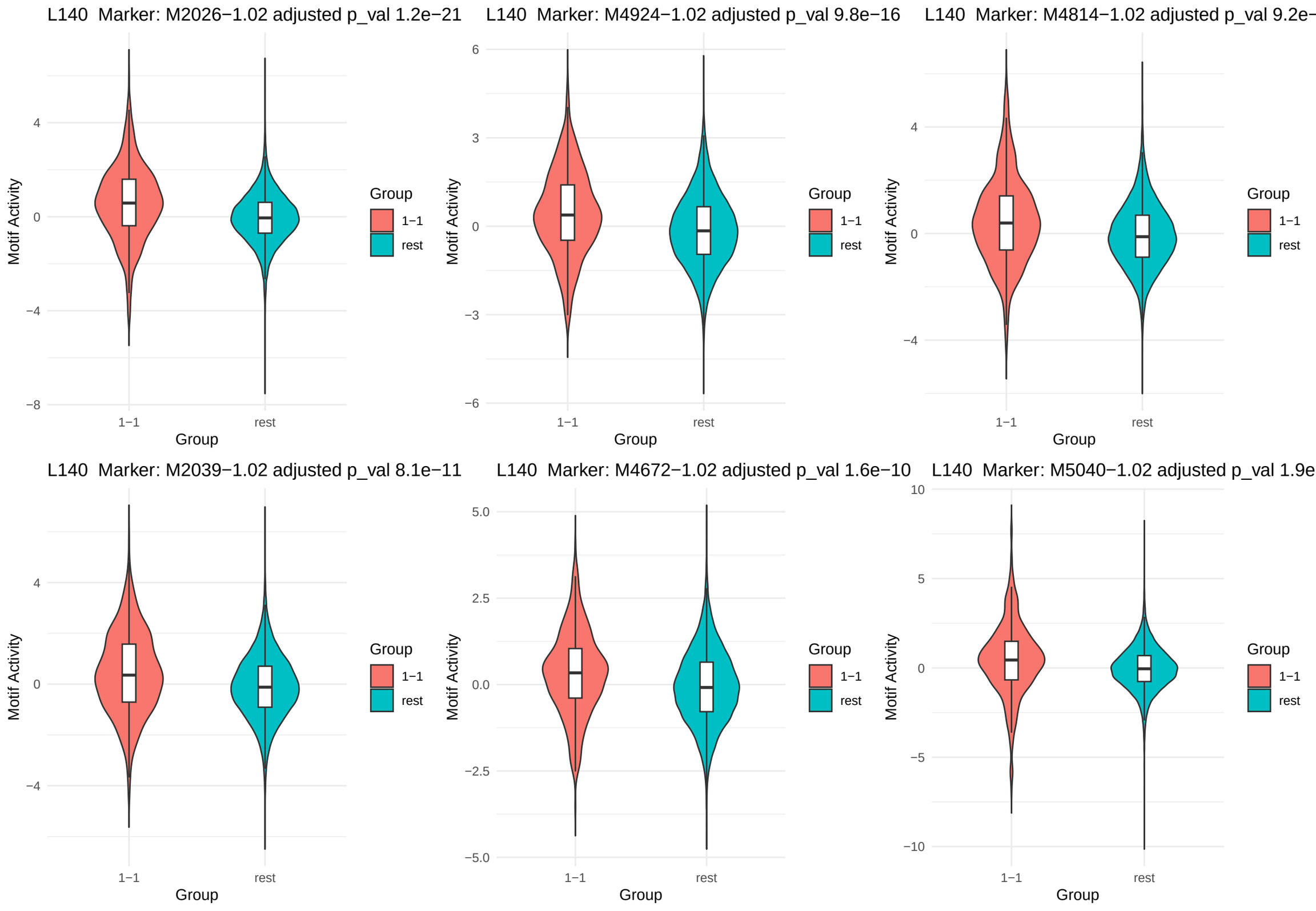

L136 Marker: M2026−1.02 adjusted p_val 9.7e−17
L136 Marker: M4745−1.02 adjusted p_val 3.5e−11
L136 Marker: M5064−1.02 adjusted p_val 3.5e−
L136 Marker: M5273−1.02 adjusted p_val 3.5e−11
L136 Marker: M4724−1.02 adjusted p_val 5.4e−11
L136 Marker: M4725−1.02 adjusted p_val 5.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

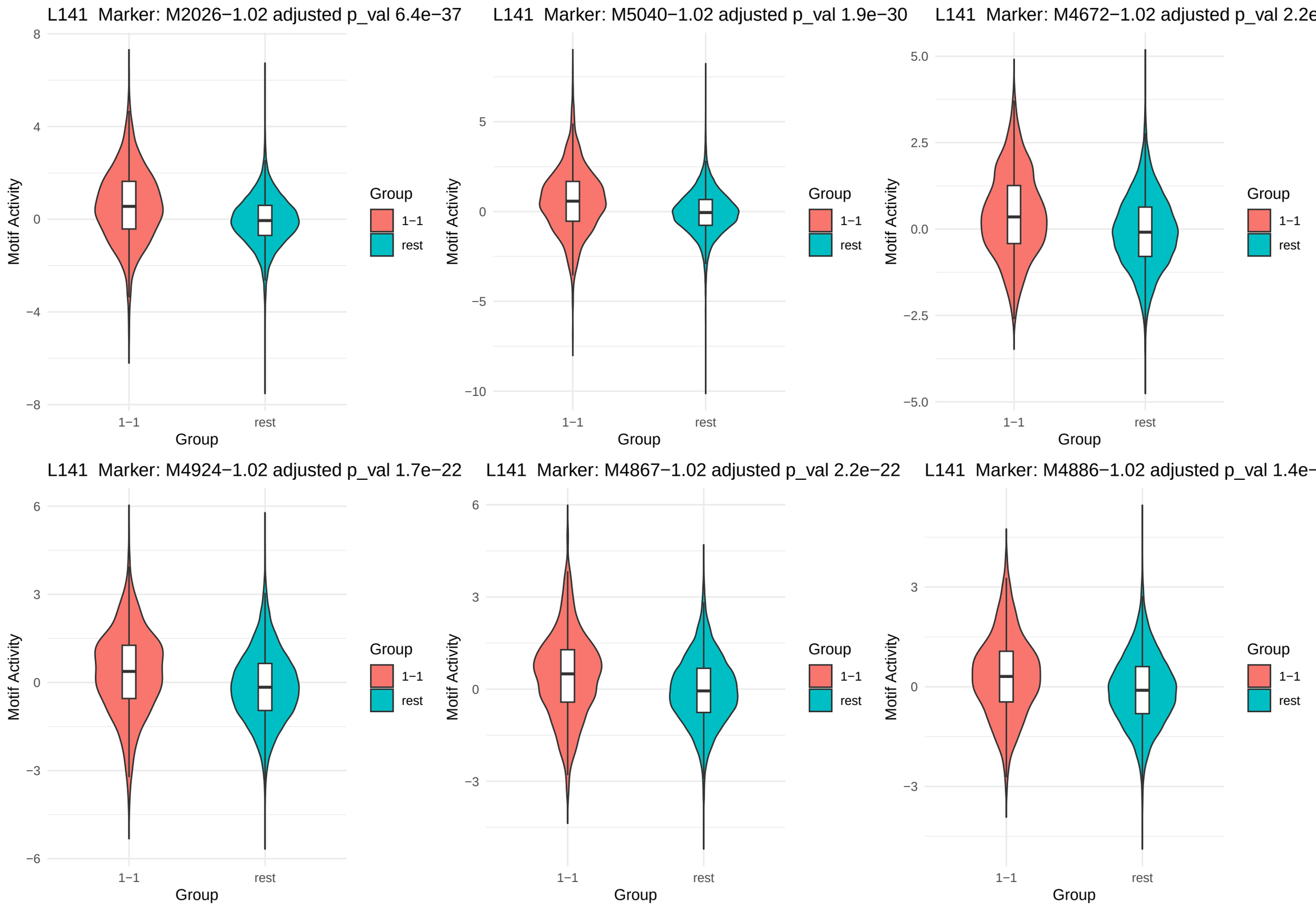

L137 Marker: M2026−1.02 adjusted p_val 1.1e−11
L137 Marker: M4672−1.02 adjusted p_val 1.5e−08
L137 Marker: M4811−1.02 adjusted p_val 3.6e−
L137 Marker: M4867−1.02 adjusted p_val 1.1e−04
L137 Marker: M4974−1.02 adjusted p_val 1.9e−04
L137 Marker: M5040−1.02 adjusted p_val 3e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

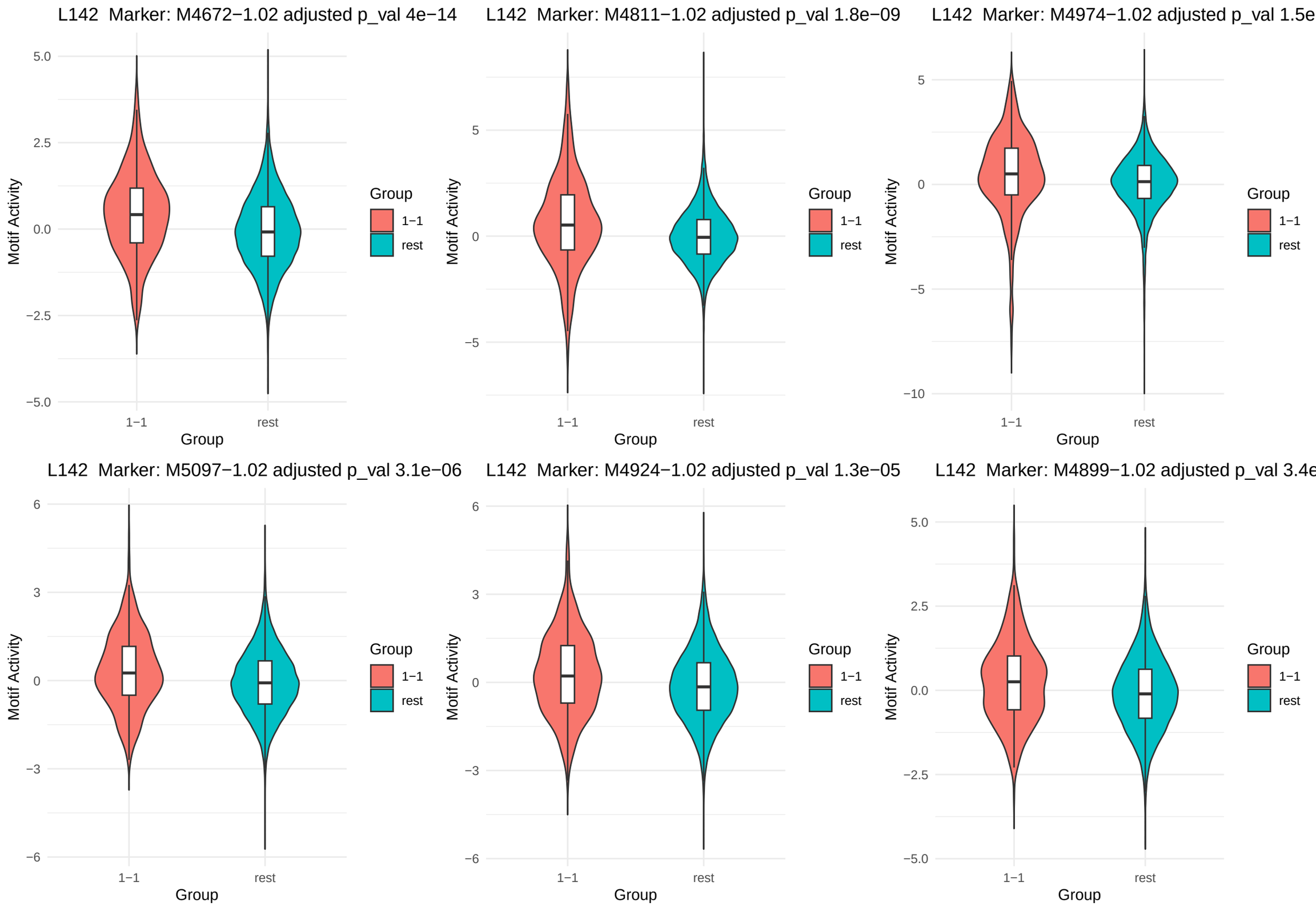

L3 Marker: M2013−1.02 adjusted p_val 1.2e−11
L3 Marker: M4899−1.02 adjusted p_val 5e−11
L3 Marker: M2039−1.02 adjusted p_val 9e−11
L3 Marker: M4938−1.02 adjusted p_val 2.5e−09
L3 Marker: M4924−1.02 adjusted p_val 1.1e−08
L3 Marker: M2027−1.02 adjusted p_val 1.5e−08
Motif Activity
Group
1−1
rest
Group
1−1
rest

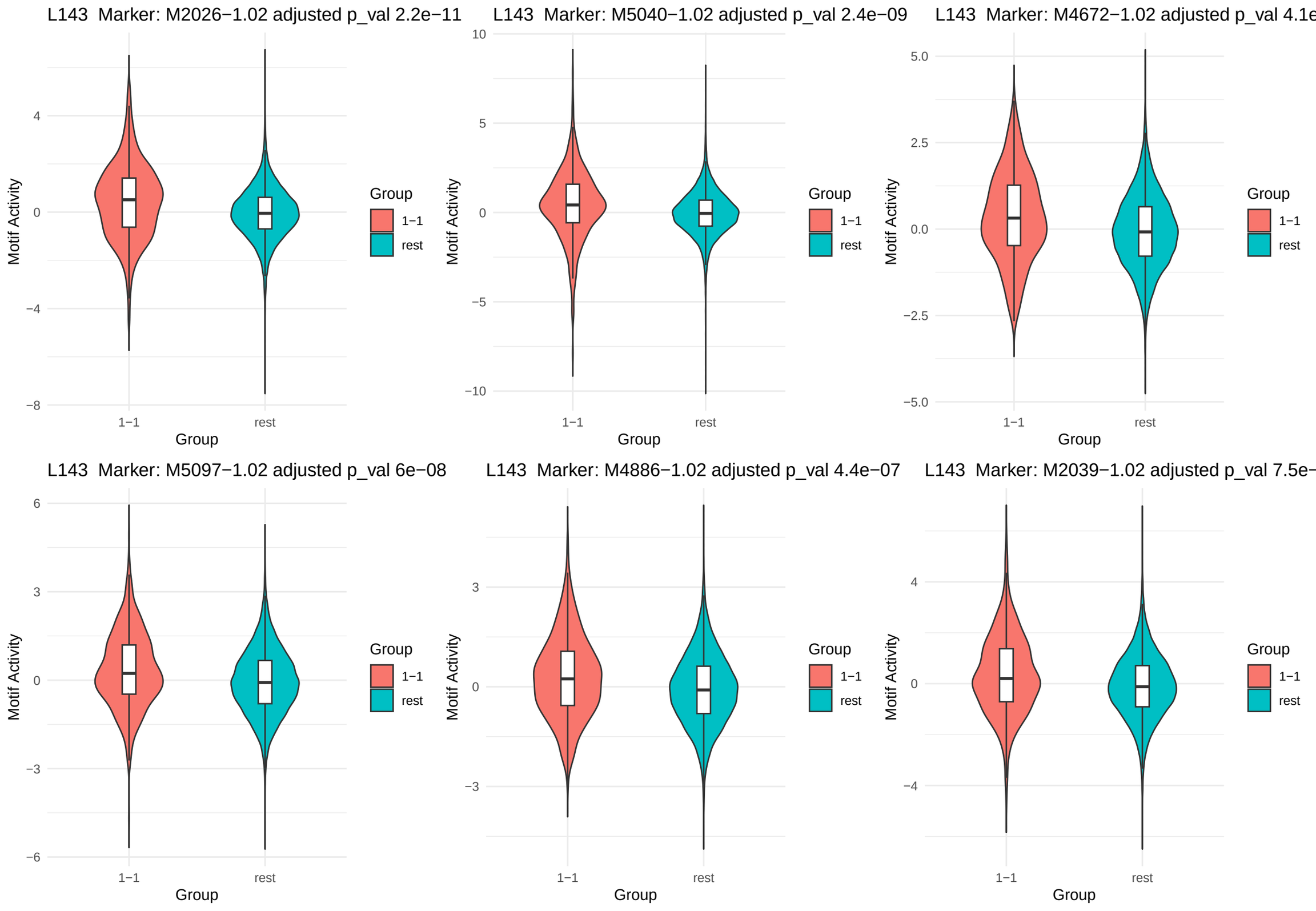

L138 Marker: M2021−1.02 adjusted p_val 1e−77
L138 Marker: M4974−1.02 adjusted p_val 5.9e−77
L138 Marker: M4924−1.02 adjusted p_val 1.9e−
L138 Marker: M4814−1.02 adjusted p_val 2.3e−66
L138 Marker: M4904−1.02 adjusted p_val 3.5e−62
L138 Marker: M4867−1.02 adjusted p_val 8.6e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

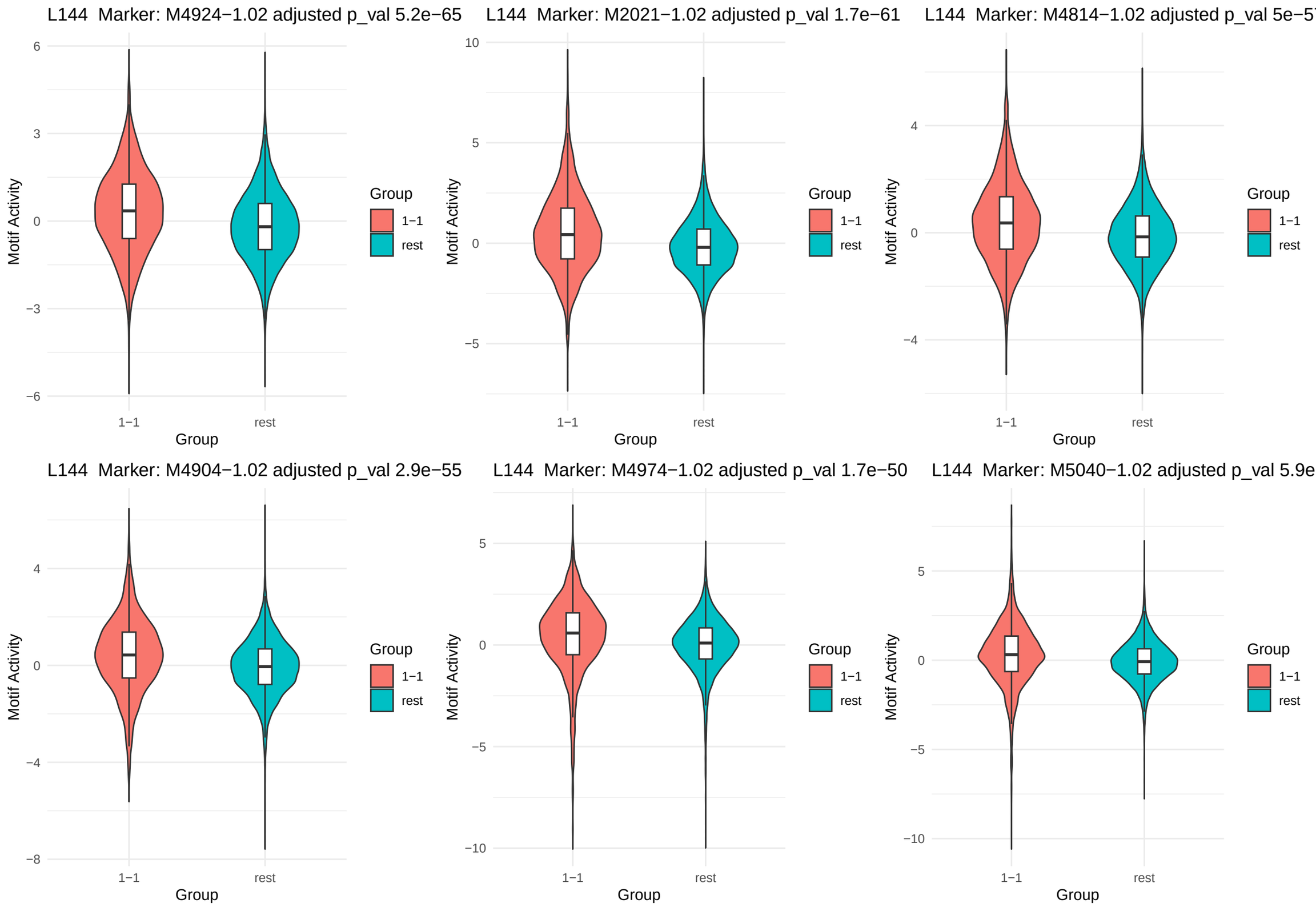

L139 Marker: M2021−1.02 adjusted p_val 2.8e−137
L139 Marker: M4974−1.02 adjusted p_val 3e−113
L139 Marker: M4924−1.02 adjusted p_val 6.3e−
L139 Marker: M4814−1.02 adjusted p_val 4.8e−90
L139 Marker: M4904−1.02 adjusted p_val 1.2e−85
L139 Marker: M5040−1.02 adjusted p_val 6.6e
Motif Activity
Group
1−1
rest
Group
1−1
rest

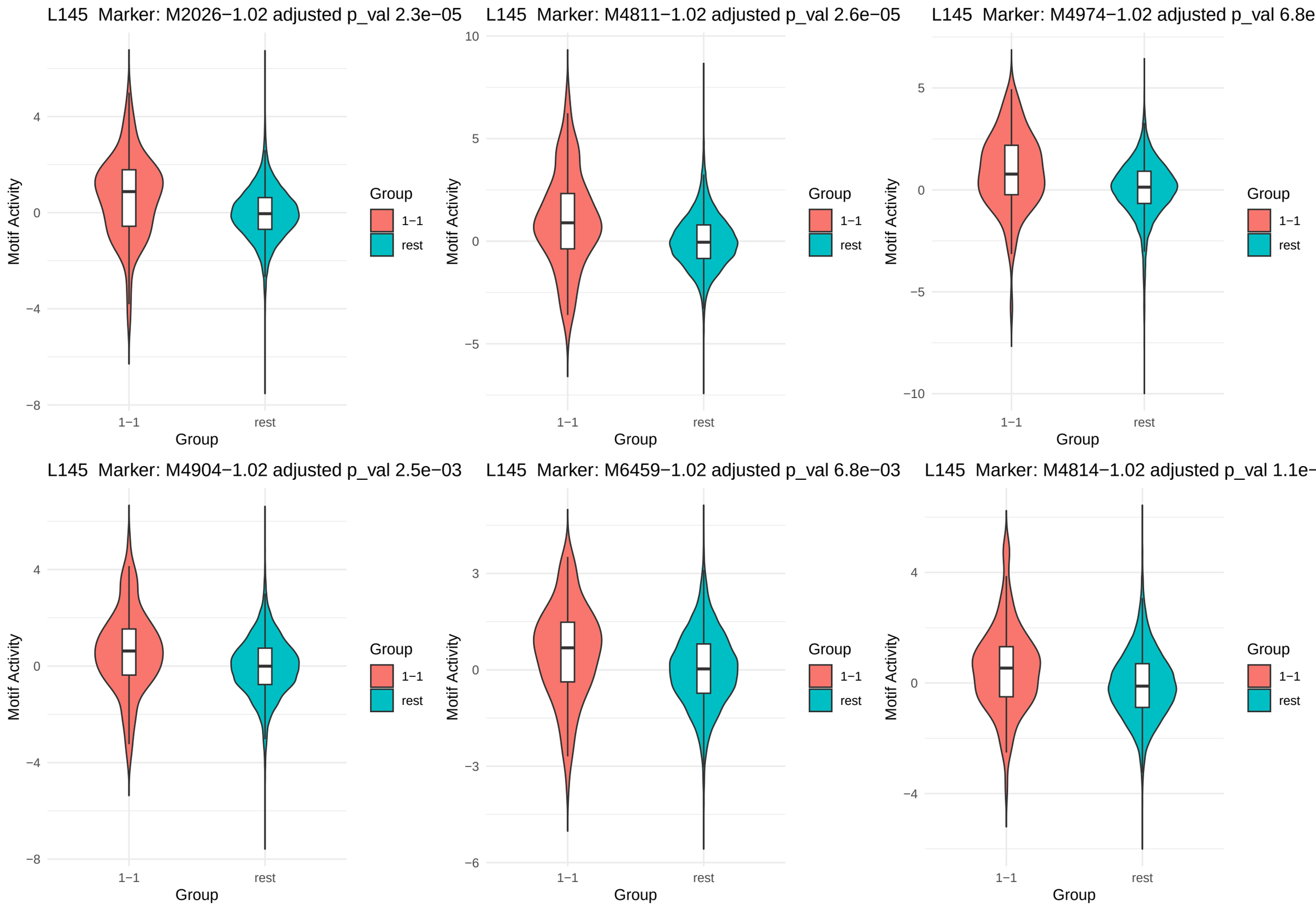

L140 Marker: M2026−1.02 adjusted p_val 1.2e−21
L140 Marker: M4924−1.02 adjusted p_val 9.8e−16
L140 Marker: M4814−1.02 adjusted p_val 9.2e−
L140 Marker: M2039−1.02 adjusted p_val 8.1e−11
L140 Marker: M4672−1.02 adjusted p_val 1.6e−10
L140 Marker: M5040−1.02 adjusted p_val 1.9e
Motif Activity
Group
1−1
rest
Group
1−1
rest

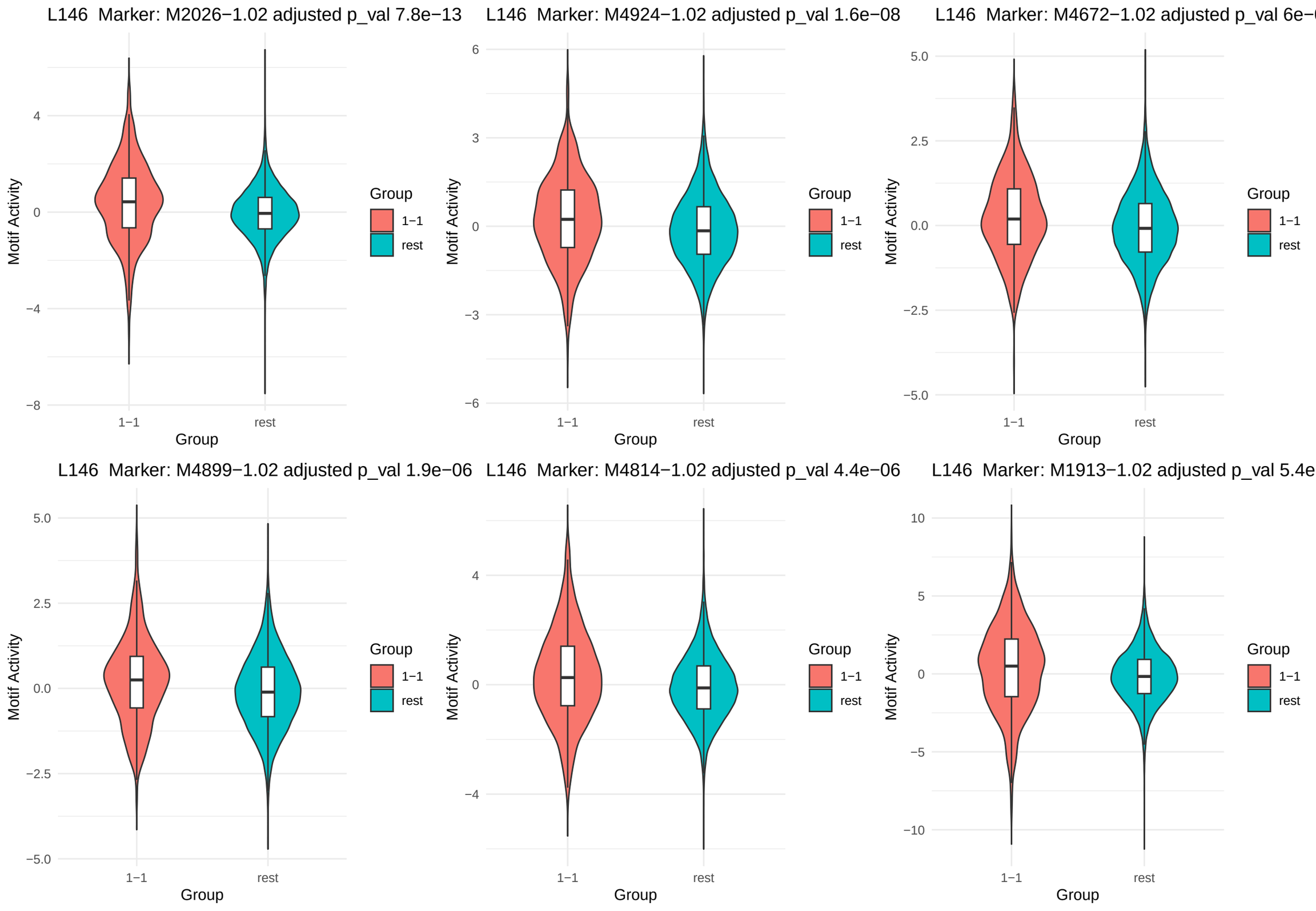

L141 Marker: M2026−1.02 adjusted p_val 6.4e−37
L141 Marker: M5040−1.02 adjusted p_val 1.9e−30
L141 Marker: M4672−1.02 adjusted p_val 2.2e
L141 Marker: M4924−1.02 adjusted p_val 1.7e−22
L141 Marker: M4867−1.02 adjusted p_val 2.2e−22
L141 Marker: M4886−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

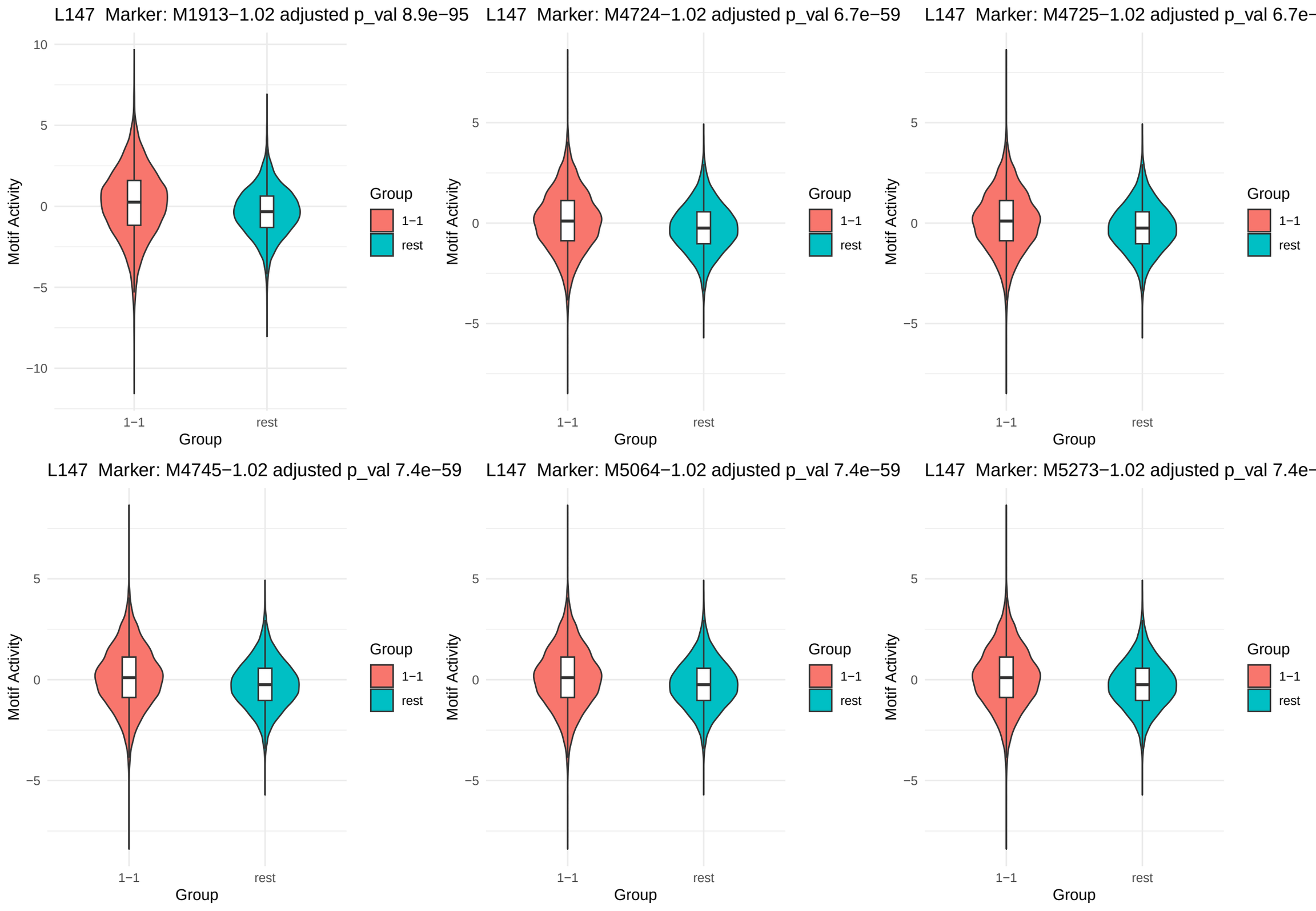

L142 Marker: M4672−1.02 adjusted p_val 4e−14
L142 Marker: M4811−1.02 adjusted p_val 1.8e−09
L142 Marker: M4974−1.02 adjusted p_val 1.5e
L142 Marker: M5097−1.02 adjusted p_val 3.1e−06
L142 Marker: M4924−1.02 adjusted p_val 1.3e−05
L142 Marker: M4899−1.02 adjusted p_val 3.4e
Motif Activity
Group
1−1
rest
Group
1−1
rest

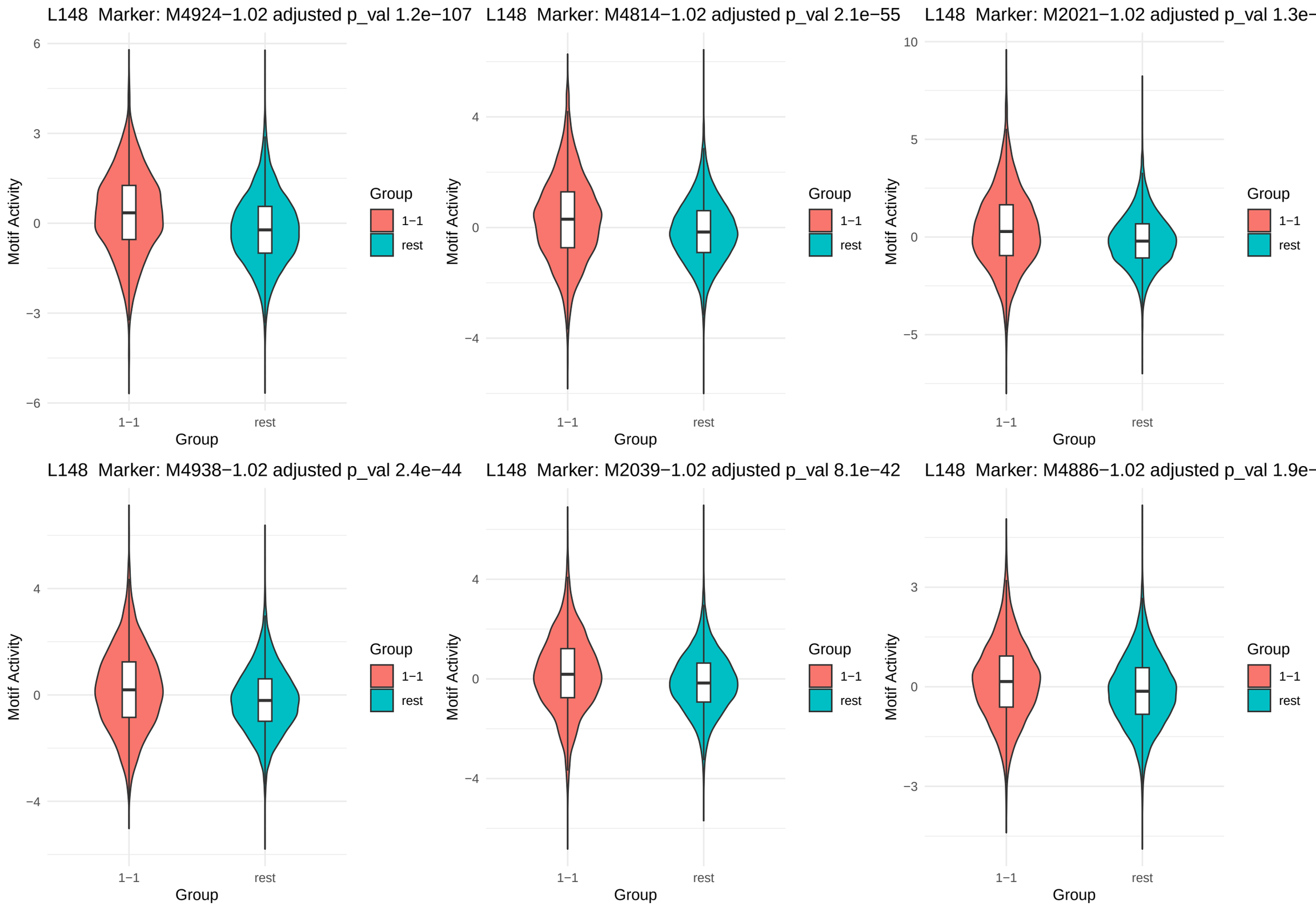

L143 Marker: M2026−1.02 adjusted p_val 2.2e−11
L143 Marker: M5040−1.02 adjusted p_val 2.4e−09
L143 Marker: M4672−1.02 adjusted p_val 4.1e
L143 Marker: M5097−1.02 adjusted p_val 6e−08
L143 Marker: M4886−1.02 adjusted p_val 4.4e−07
L143 Marker: M2039−1.02 adjusted p_val 7.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

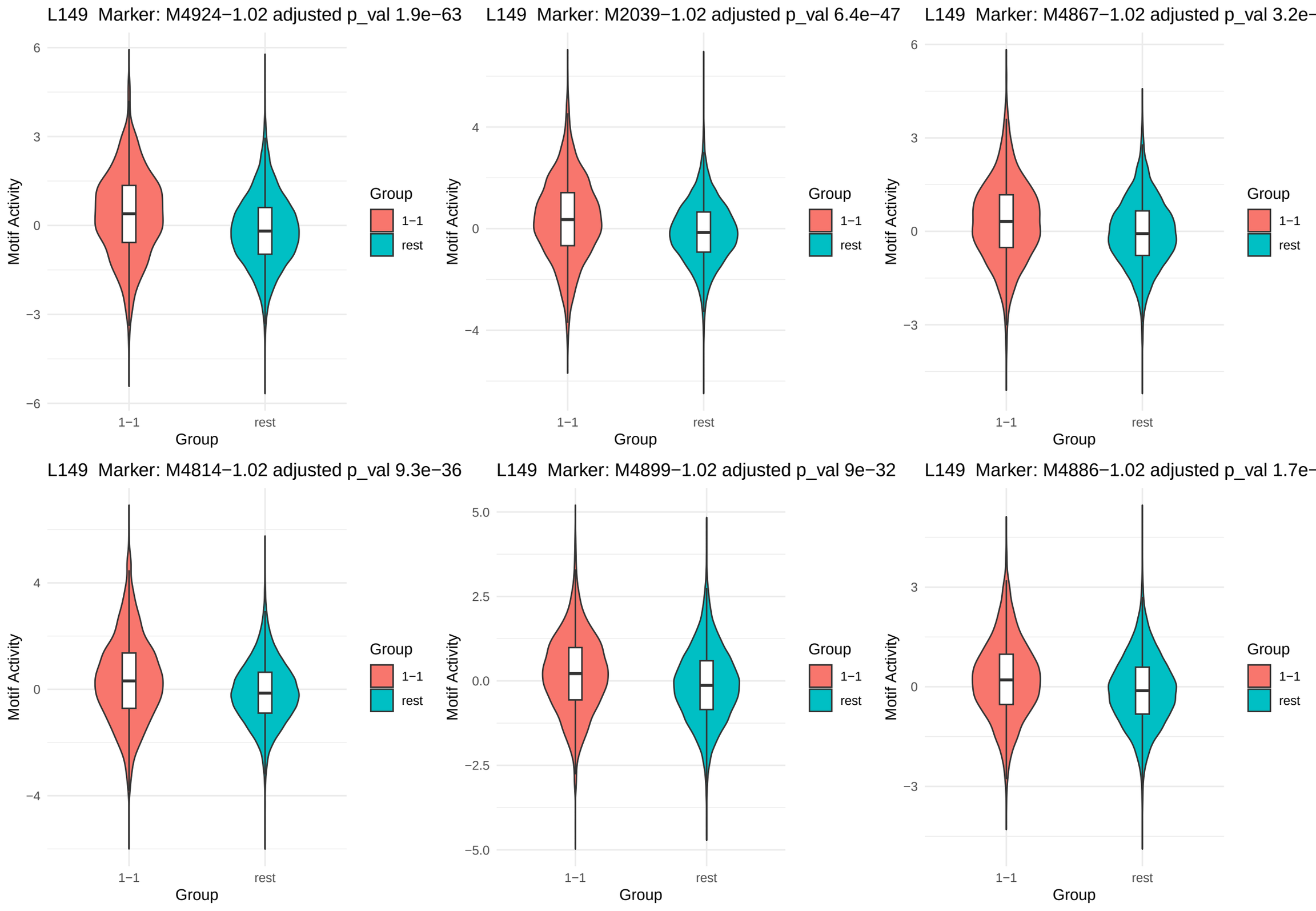

L144 Marker: M4924−1.02 adjusted p_val 5.2e−65
L144 Marker: M2021−1.02 adjusted p_val 1.7e−61
L144 Marker: M4814−1.02 adjusted p_val 5e−57
L144 Marker: M4904−1.02 adjusted p_val 2.9e−55
L144 Marker: M4974−1.02 adjusted p_val 1.7e−50
L144 Marker: M5040−1.02 adjusted p_val 5.9e
Motif Activity
Group
1−1
rest
Group
1−1
rest

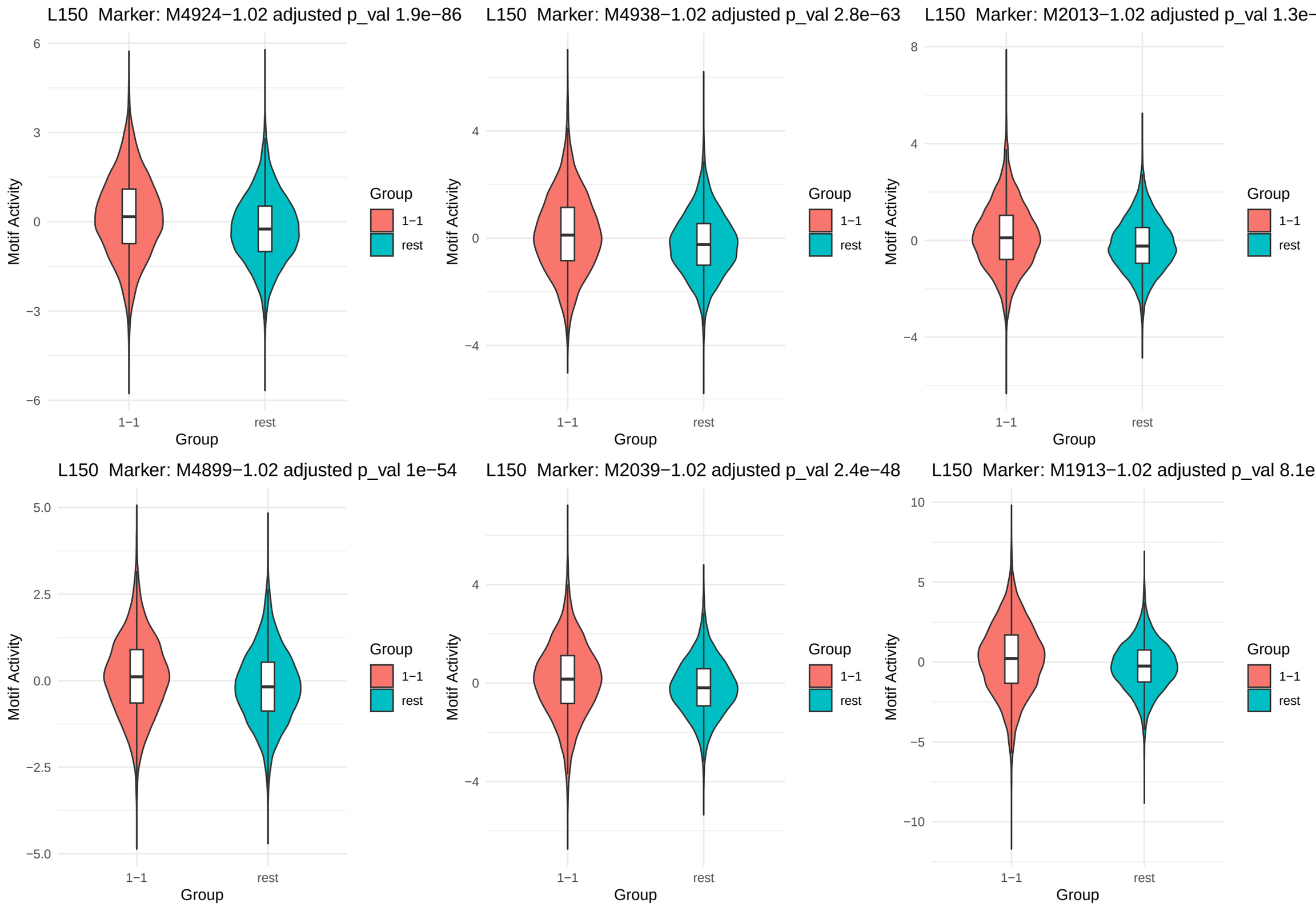

L145 Marker: M2026−1.02 adjusted p_val 2.3e−05
L145 Marker: M4811−1.02 adjusted p_val 2.6e−05
L145 Marker: M4974−1.02 adjusted p_val 6.8e
L145 Marker: M4904−1.02 adjusted p_val 2.5e−03
L145 Marker: M6459−1.02 adjusted p_val 6.8e−03
L145 Marker: M4814−1.02 adjusted p_val 1.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

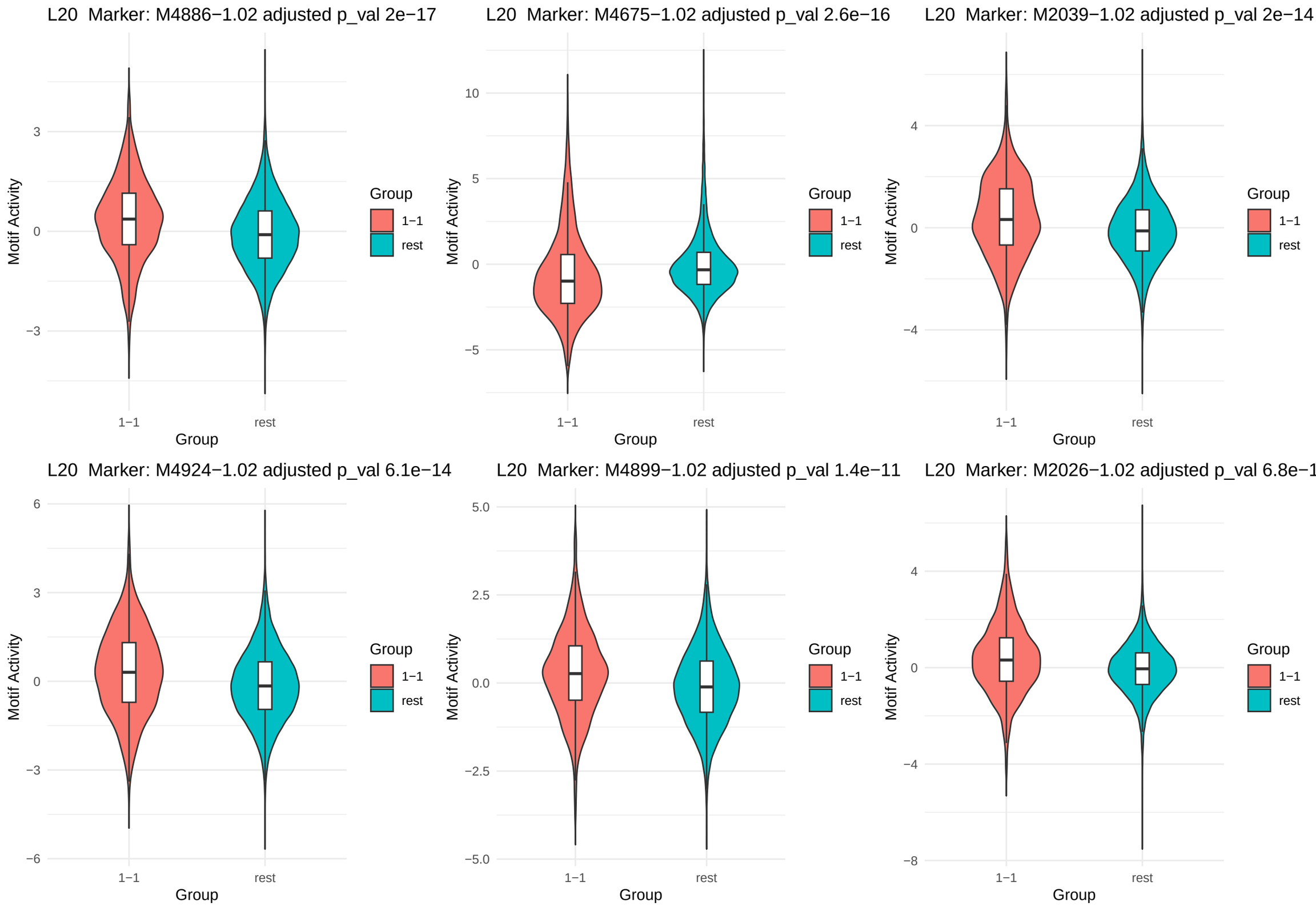

L146 Marker: M2026−1.02 adjusted p_val 7.8e−13
L146 Marker: M4924−1.02 adjusted p_val 1.6e−08
L146 Marker: M4672−1.02 adjusted p_val 6e−
L146 Marker: M4899−1.02 adjusted p_val 1.9e−06
L146 Marker: M4814−1.02 adjusted p_val 4.4e−06
L146 Marker: M1913−1.02 adjusted p_val 5.4e
Motif Activity
Group
1−1
rest
Group
1−1
rest

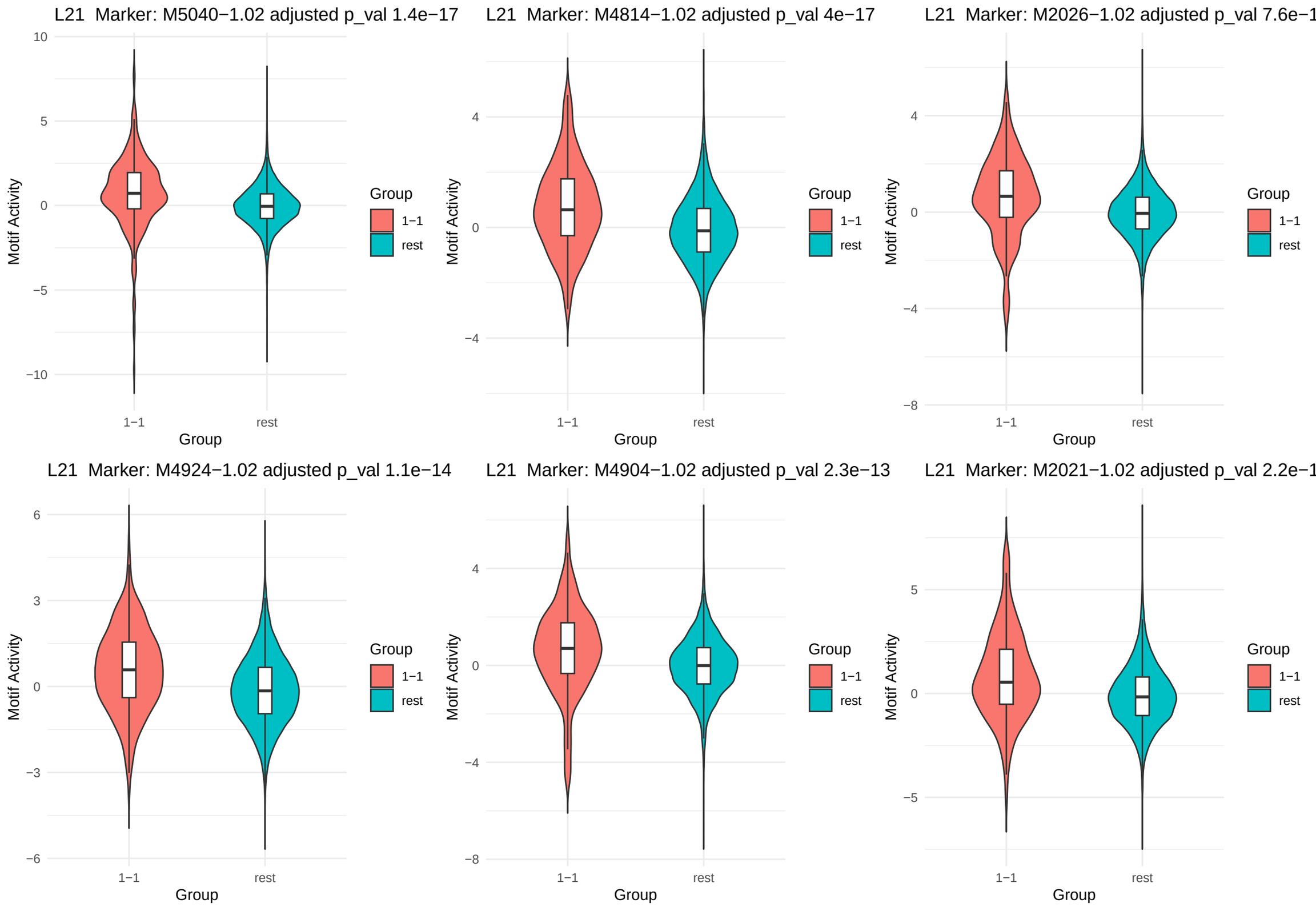

L147 Marker: M1913−1.02 adjusted p_val 8.9e−95
L147 Marker: M4724−1.02 adjusted p_val 6.7e−59
L147 Marker: M4725−1.02 adjusted p_val 6.7e−
L147 Marker: M4745−1.02 adjusted p_val 7.4e−59
L147 Marker: M5064−1.02 adjusted p_val 7.4e−59
L147 Marker: M5273−1.02 adjusted p_val 7.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

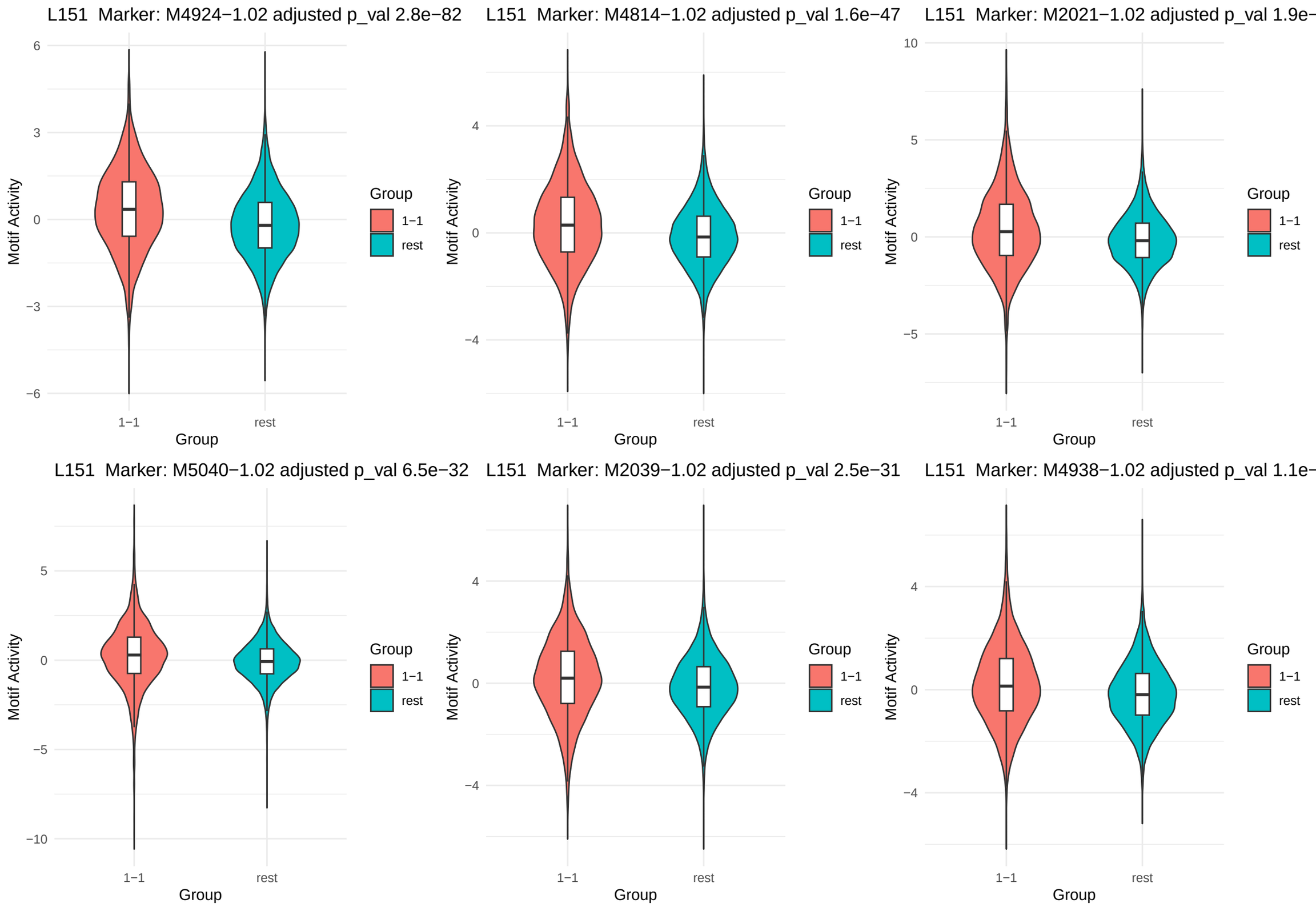

L148 Marker: M4924−1.02 adjusted p_val 1.2e−107
L148 Marker: M4814−1.02 adjusted p_val 2.1e−55
L148 Marker: M2021−1.02 adjusted p_val 1.3e−
L148 Marker: M4938−1.02 adjusted p_val 2.4e−44
L148 Marker: M2039−1.02 adjusted p_val 8.1e−42
L148 Marker: M4886−1.02 adjusted p_val 1.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

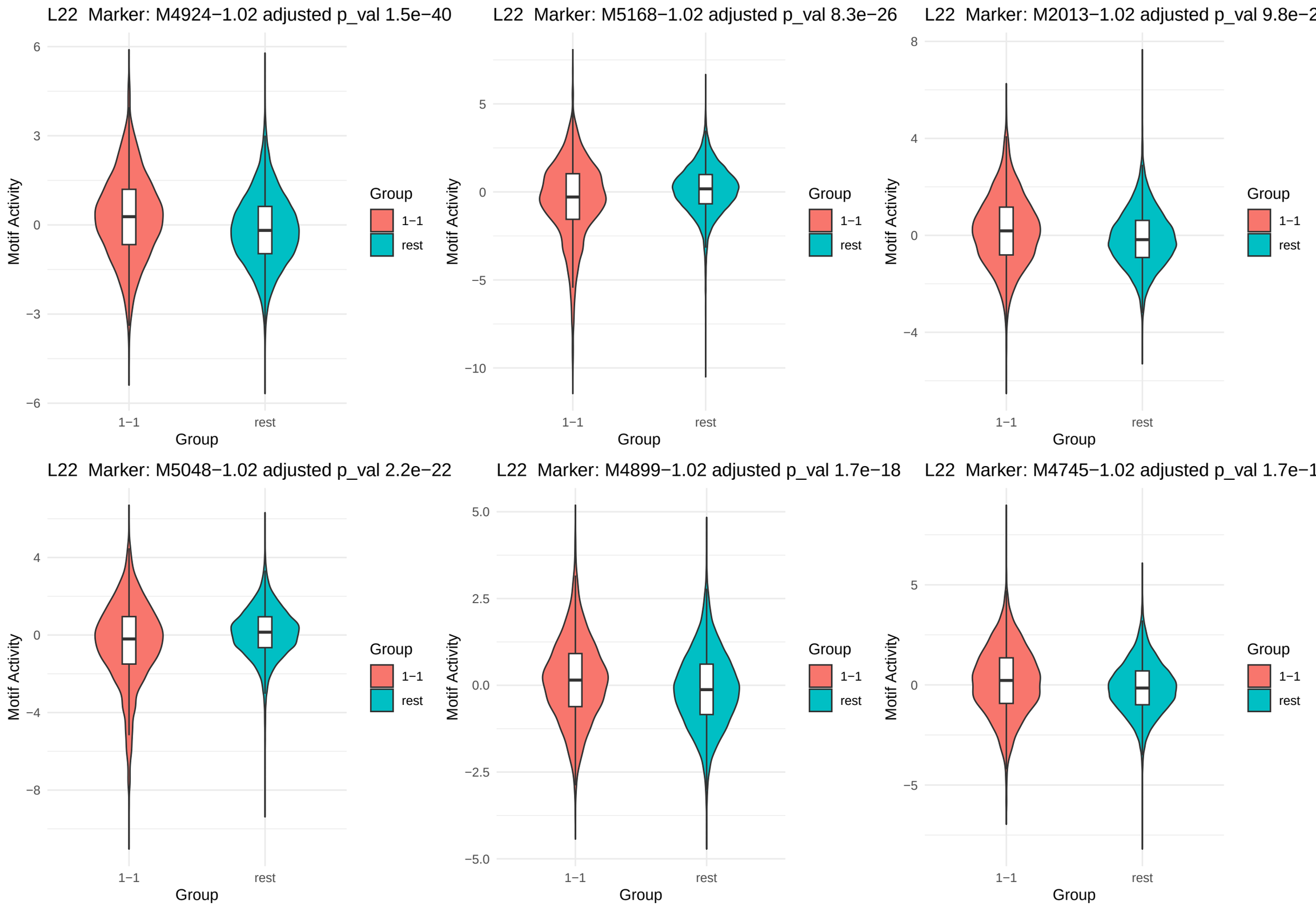

L149 Marker: M4924−1.02 adjusted p_val 1.9e−63
L149 Marker: M2039−1.02 adjusted p_val 6.4e−47
L149 Marker: M4867−1.02 adjusted p_val 3.2e−
L149 Marker: M4814−1.02 adjusted p_val 9.3e−36
L149 Marker: M4899−1.02 adjusted p_val 9e−32
L149 Marker: M4886−1.02 adjusted p_val 1.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

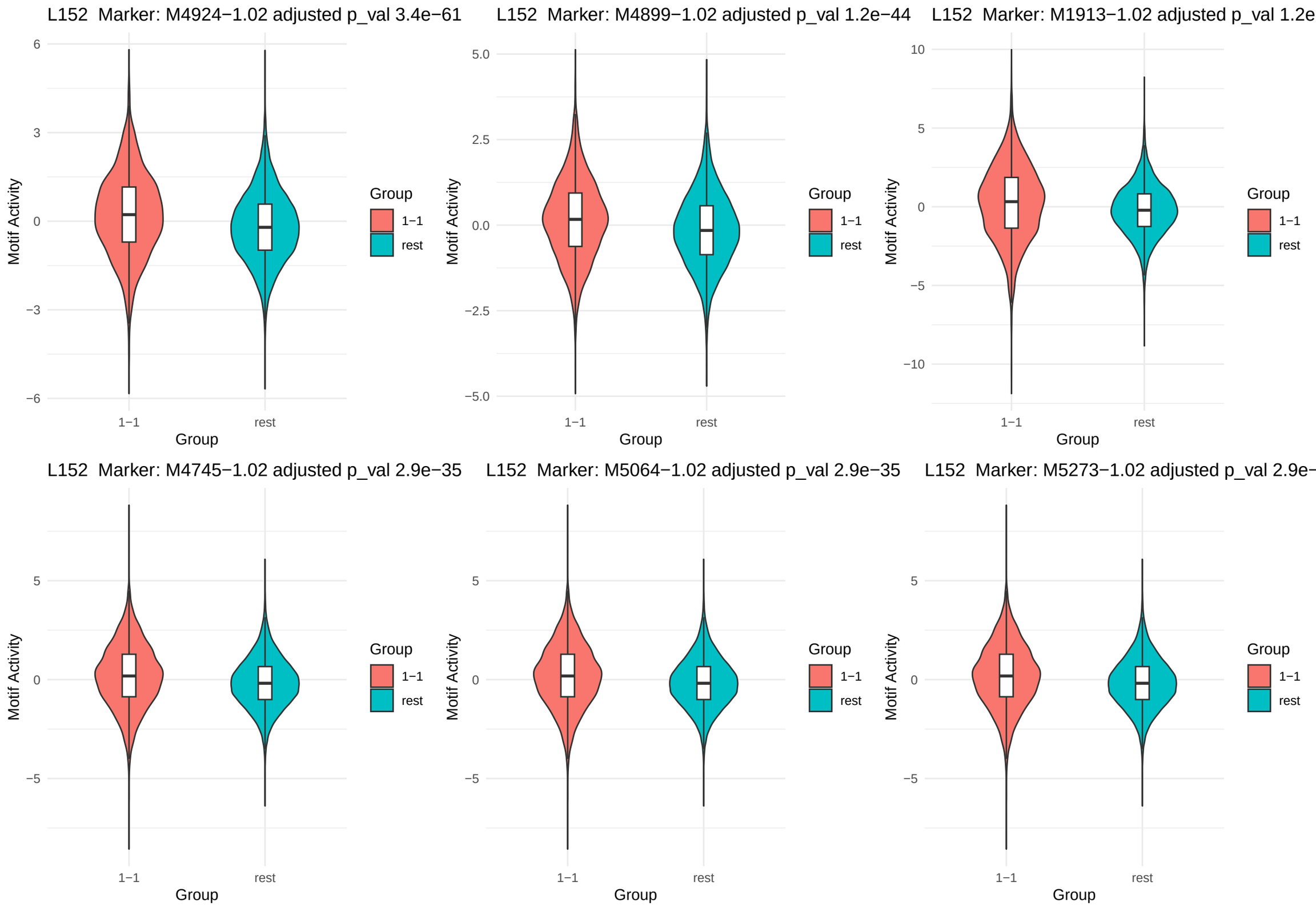

L150 Marker: M4924−1.02 adjusted p_val 1.9e−86
L150 Marker: M4938−1.02 adjusted p_val 2.8e−63
L150 Marker: M2013−1.02 adjusted p_val 1.3e−
L150 Marker: M4899−1.02 adjusted p_val 1e−54
L150 Marker: M2039−1.02 adjusted p_val 2.4e−48
L150 Marker: M1913−1.02 adjusted p_val 8.1e
Motif Activity
Group
1−1
rest
Group
1−1
rest

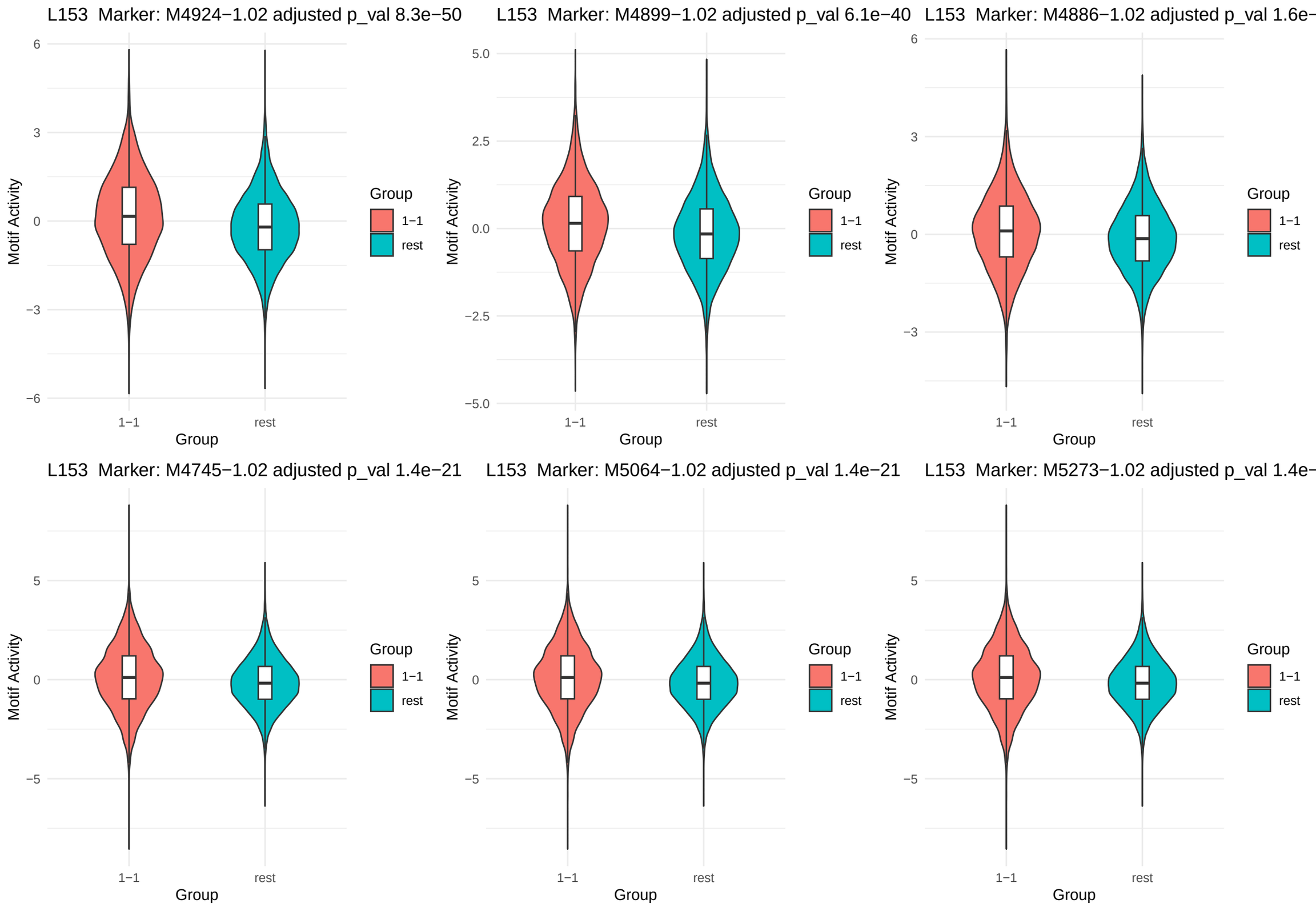

L20 Marker: M4886−1.02 adjusted p_val 2e−17
L20 Marker: M4675−1.02 adjusted p_val 2.6e−16
L20 Marker: M2039−1.02 adjusted p_val 2e−14
L20 Marker: M4924−1.02 adjusted p_val 6.1e−14
L20 Marker: M4899−1.02 adjusted p_val 1.4e−11
L20 Marker: M2026−1.02 adjusted p_val 6.8e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

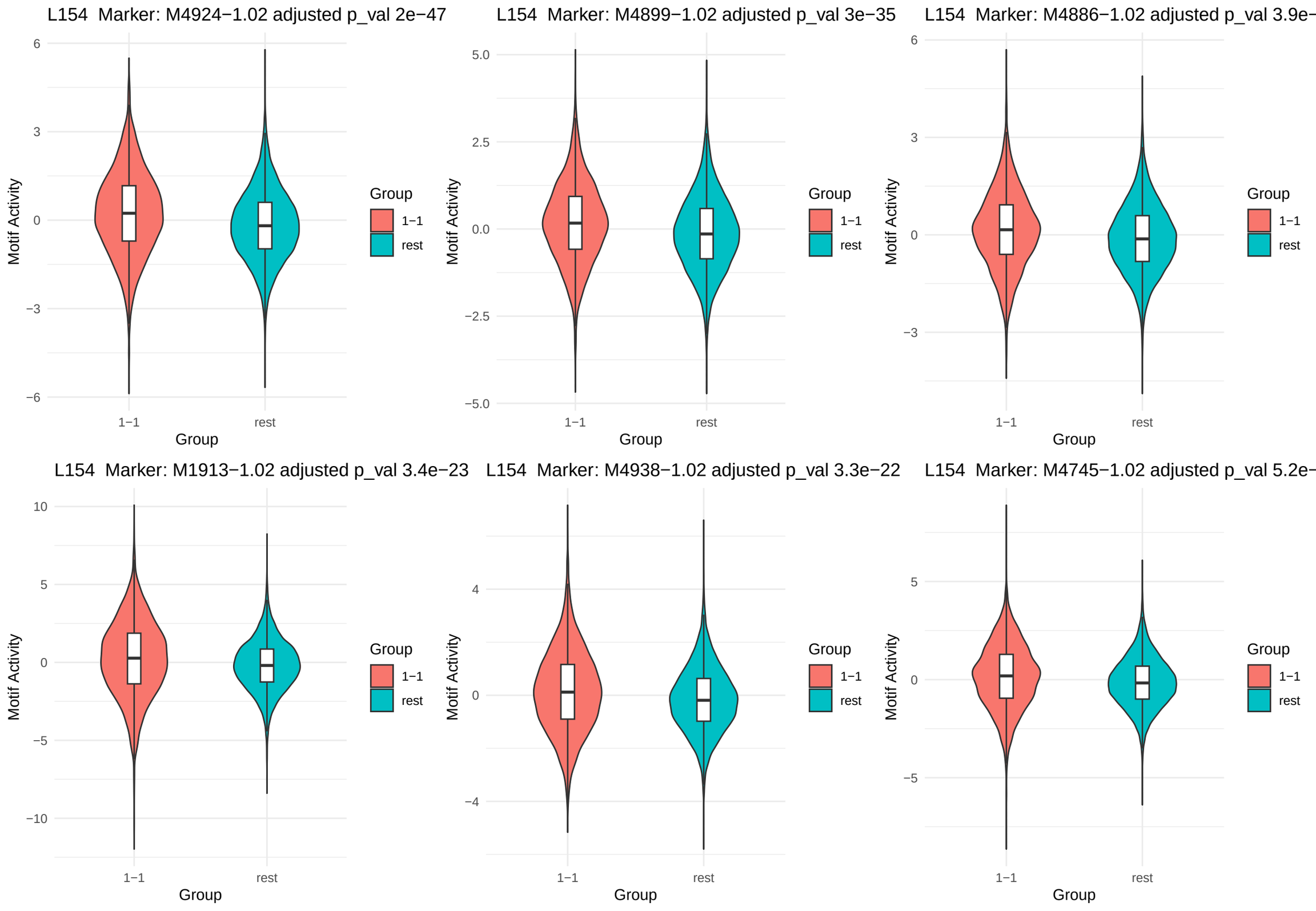

L21 Marker: M5040−1.02 adjusted p_val 1.4e−17
L21 Marker: M4814−1.02 adjusted p_val 4e−17
L21 Marker: M2026−1.02 adjusted p_val 7.6e−1
L21 Marker: M4924−1.02 adjusted p_val 1.1e−14
L21 Marker: M4904−1.02 adjusted p_val 2.3e−13
L21 Marker: M2021−1.02 adjusted p_val 2.2e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

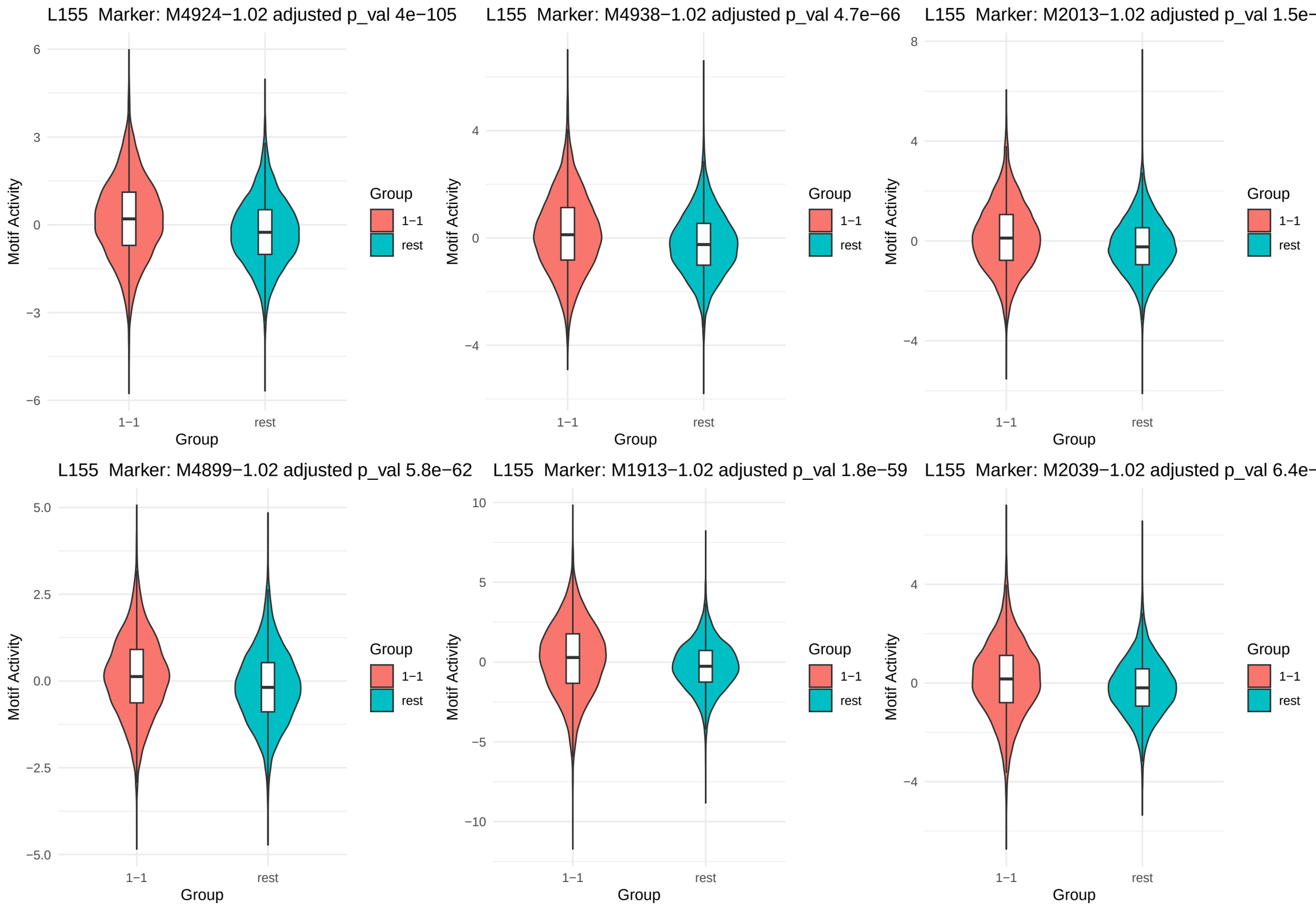

L151 Marker: M4924−1.02 adjusted p_val 2.8e−82
L151 Marker: M4814−1.02 adjusted p_val 1.6e−47
L151 Marker: M2021−1.02 adjusted p_val 1.9e−
L151 Marker: M5040−1.02 adjusted p_val 6.5e−32
L151 Marker: M2039−1.02 adjusted p_val 2.5e−31
L151 Marker: M4938−1.02 adjusted p_val 1.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

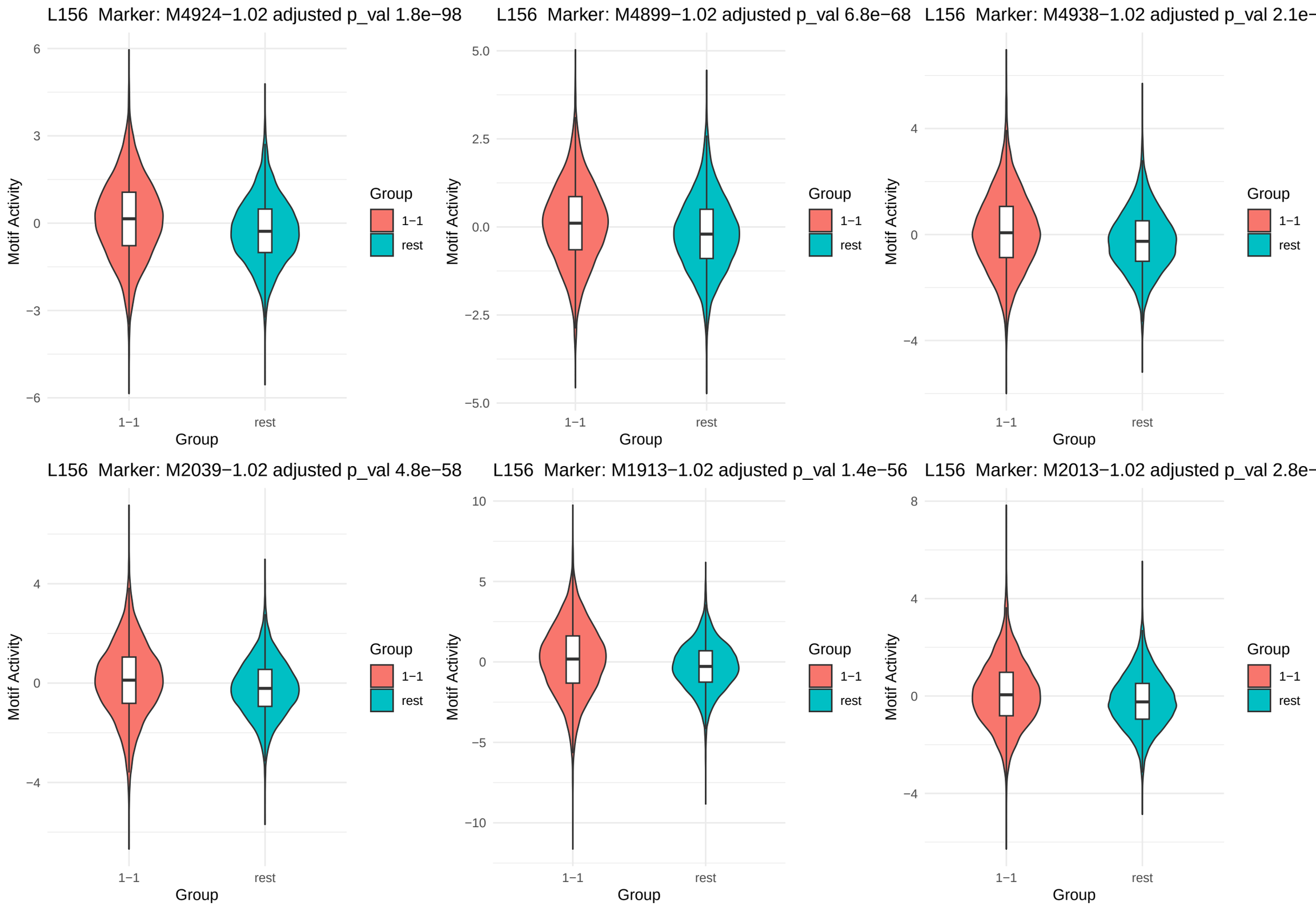

L22 Marker: M4924−1.02 adjusted p_val 1.5e−40
L22 Marker: M5168−1.02 adjusted p_val 8.3e−26
L22 Marker: M2013−1.02 adjusted p_val 9.8e−2
L22 Marker: M5048−1.02 adjusted p_val 2.2e−22
L22 Marker: M4899−1.02 adjusted p_val 1.7e−18
L22 Marker: M4745−1.02 adjusted p_val 1.7e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

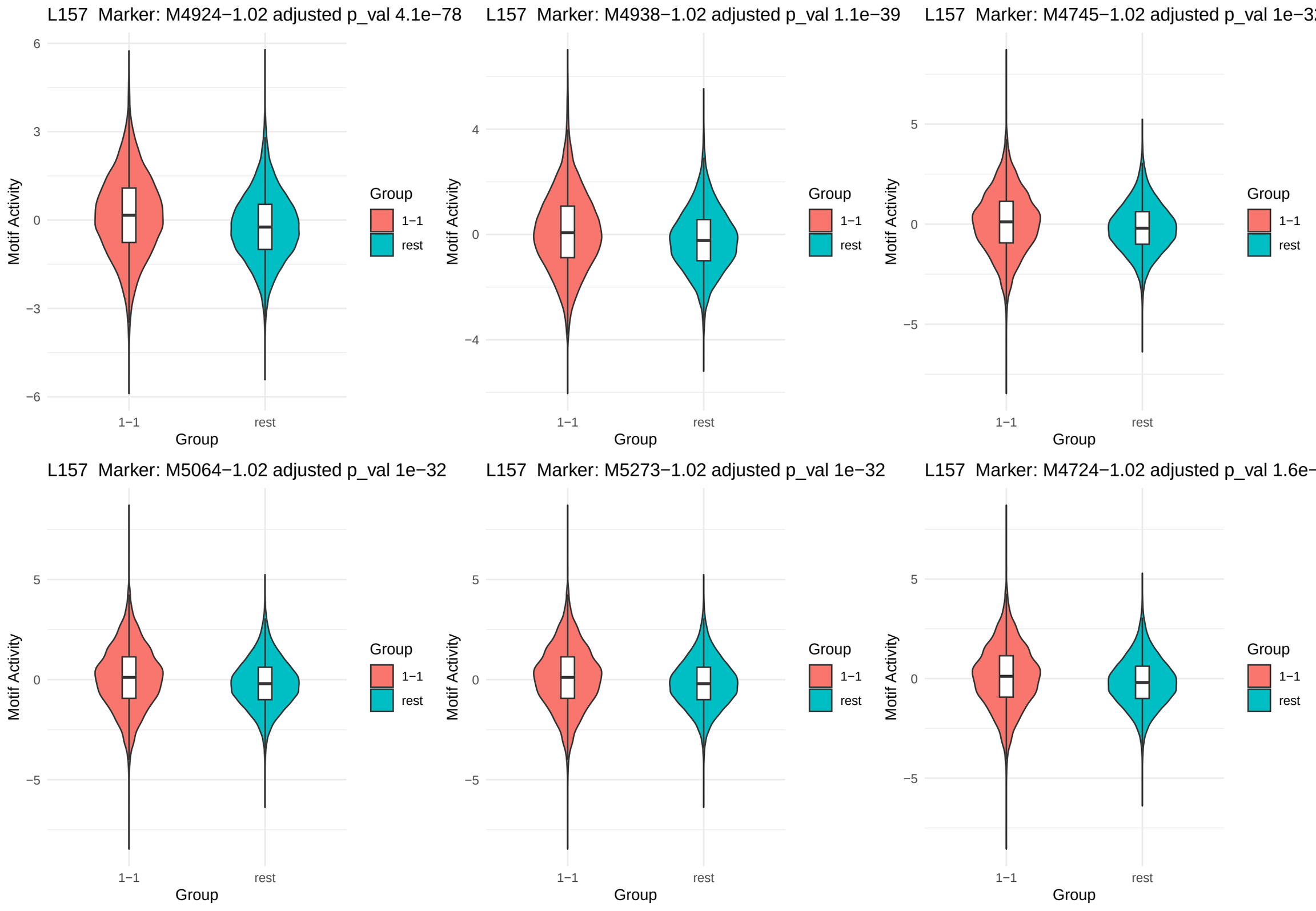

L152 Marker: M4924−1.02 adjusted p_val 3.4e−61
L152 Marker: M4899−1.02 adjusted p_val 1.2e−44
L152 Marker: M1913−1.02 adjusted p_val 1.2e
L152 Marker: M4745−1.02 adjusted p_val 2.9e−35
L152 Marker: M5064−1.02 adjusted p_val 2.9e−35
L152 Marker: M5273−1.02 adjusted p_val 2.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

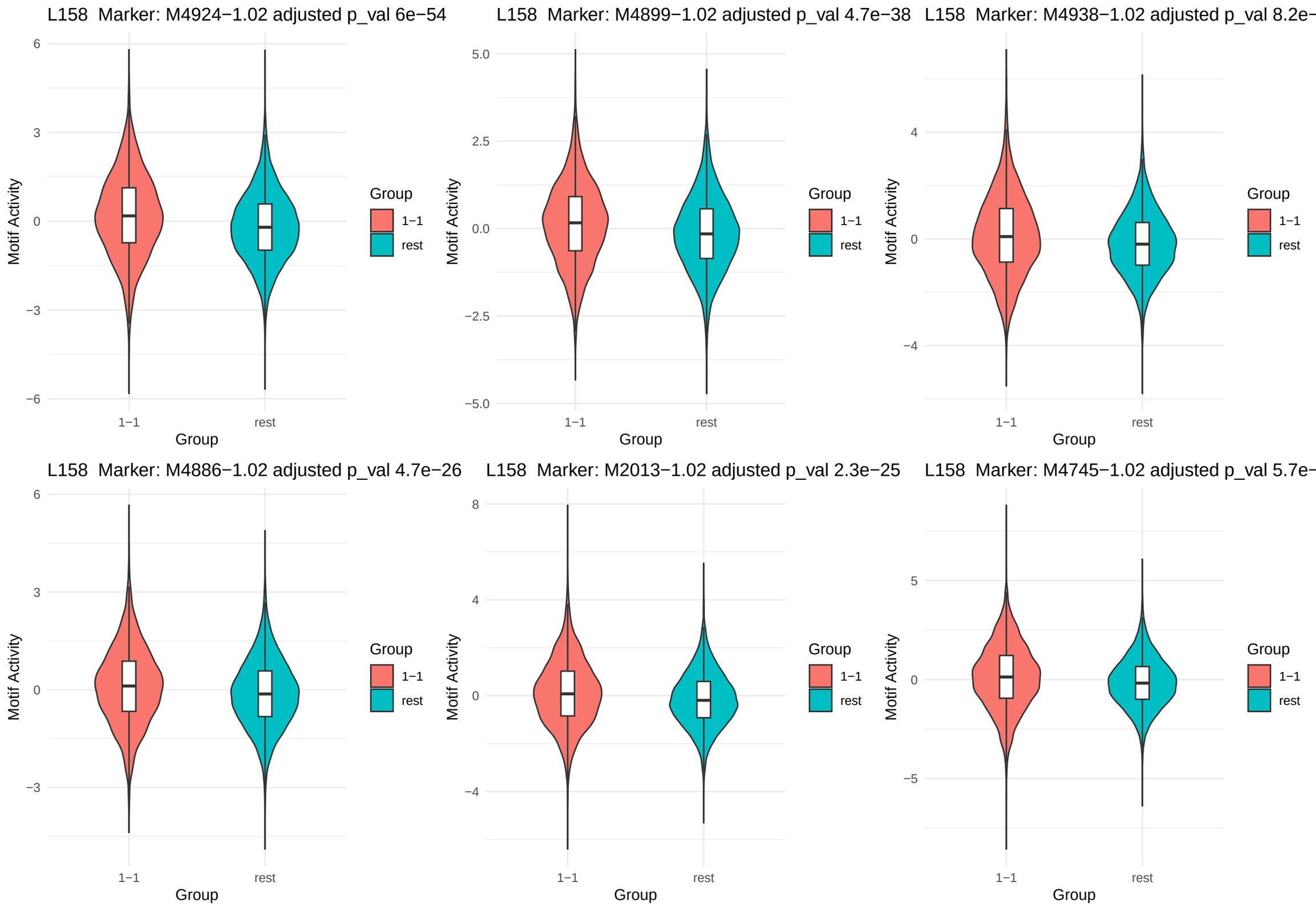

L153 Marker: M4924−1.02 adjusted p_val 8.3e−50
L153 Marker: M4899−1.02 adjusted p_val 6.1e−40
L153 Marker: M4886−1.02 adjusted p_val 1.6e−
L153 Marker: M4745−1.02 adjusted p_val 1.4e−21
L153 Marker: M5064−1.02 adjusted p_val 1.4e−21
L153 Marker: M5273−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

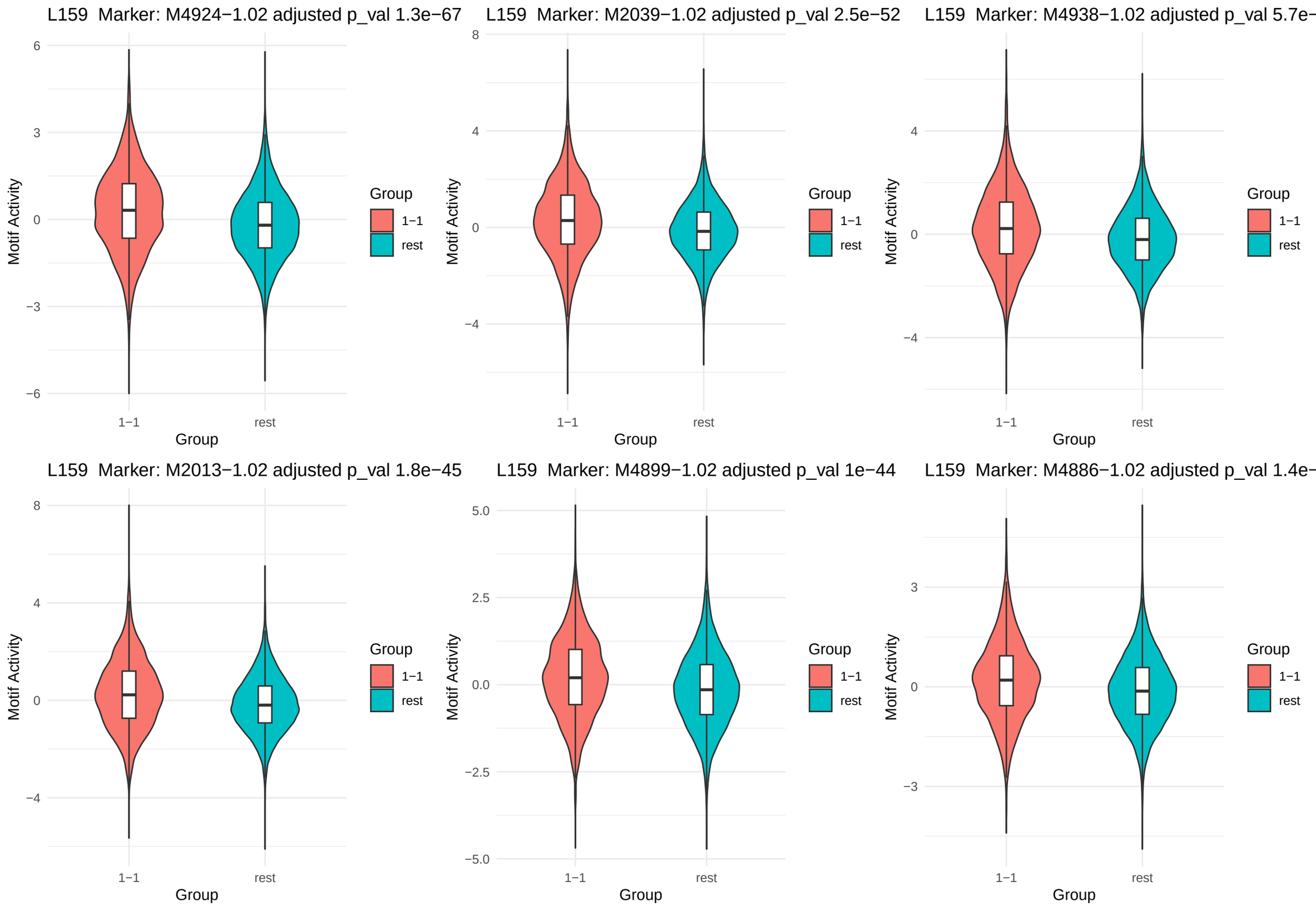

L154 Marker: M4924−1.02 adjusted p_val 2e−47
L154 Marker: M4899−1.02 adjusted p_val 3e−35
L154 Marker: M4886−1.02 adjusted p_val 3.9e−
L154 Marker: M1913−1.02 adjusted p_val 3.4e−23
L154 Marker: M4938−1.02 adjusted p_val 3.3e−22
L154 Marker: M4745−1.02 adjusted p_val 5.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

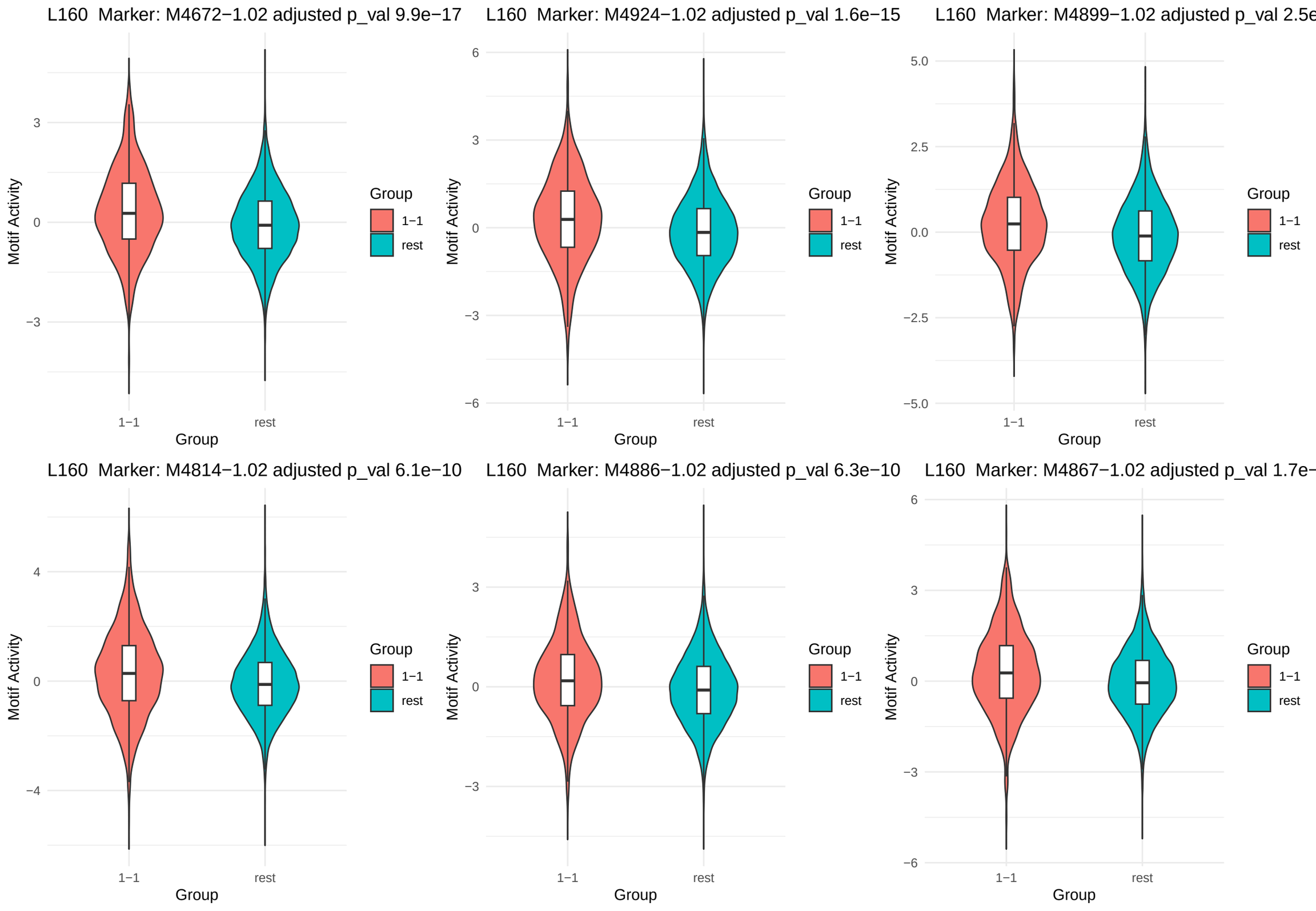

L155 Marker: M4924−1.02 adjusted p_val 4e−105
L155 Marker: M4938−1.02 adjusted p_val 4.7e−66
L155 Marker: M2013−1.02 adjusted p_val 1.5e−
L155 Marker: M4899−1.02 adjusted p_val 5.8e−62
L155 Marker: M1913−1.02 adjusted p_val 1.8e−59
L155 Marker: M2039−1.02 adjusted p_val 6.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

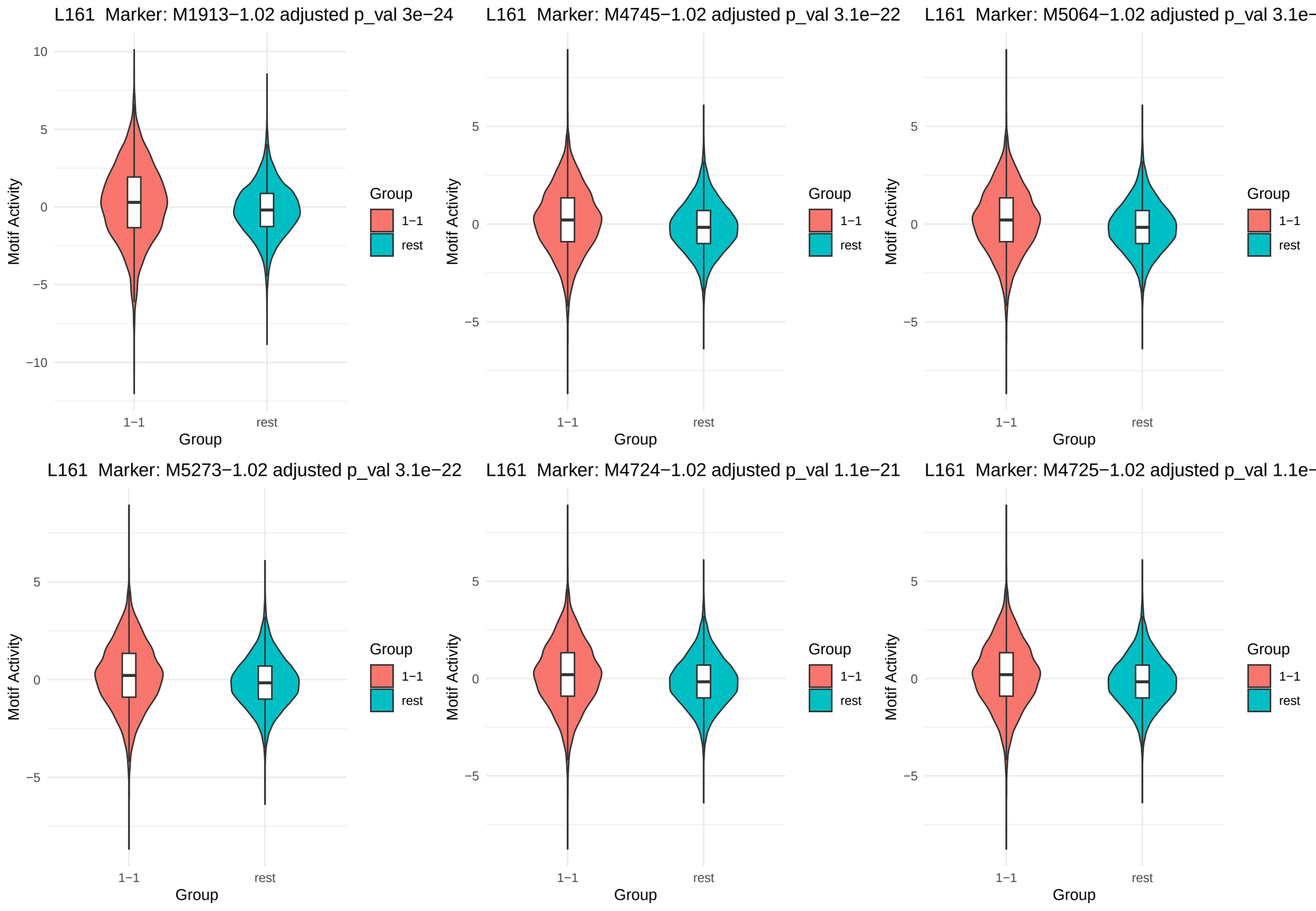

L156 Marker: M4924−1.02 adjusted p_val 1.8e−98
L156 Marker: M4899−1.02 adjusted p_val 6.8e−68
L156 Marker: M4938−1.02 adjusted p_val 2.1e−
L156 Marker: M2039−1.02 adjusted p_val 4.8e−58
L156 Marker: M1913−1.02 adjusted p_val 1.4e−56
L156 Marker: M2013−1.02 adjusted p_val 2.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

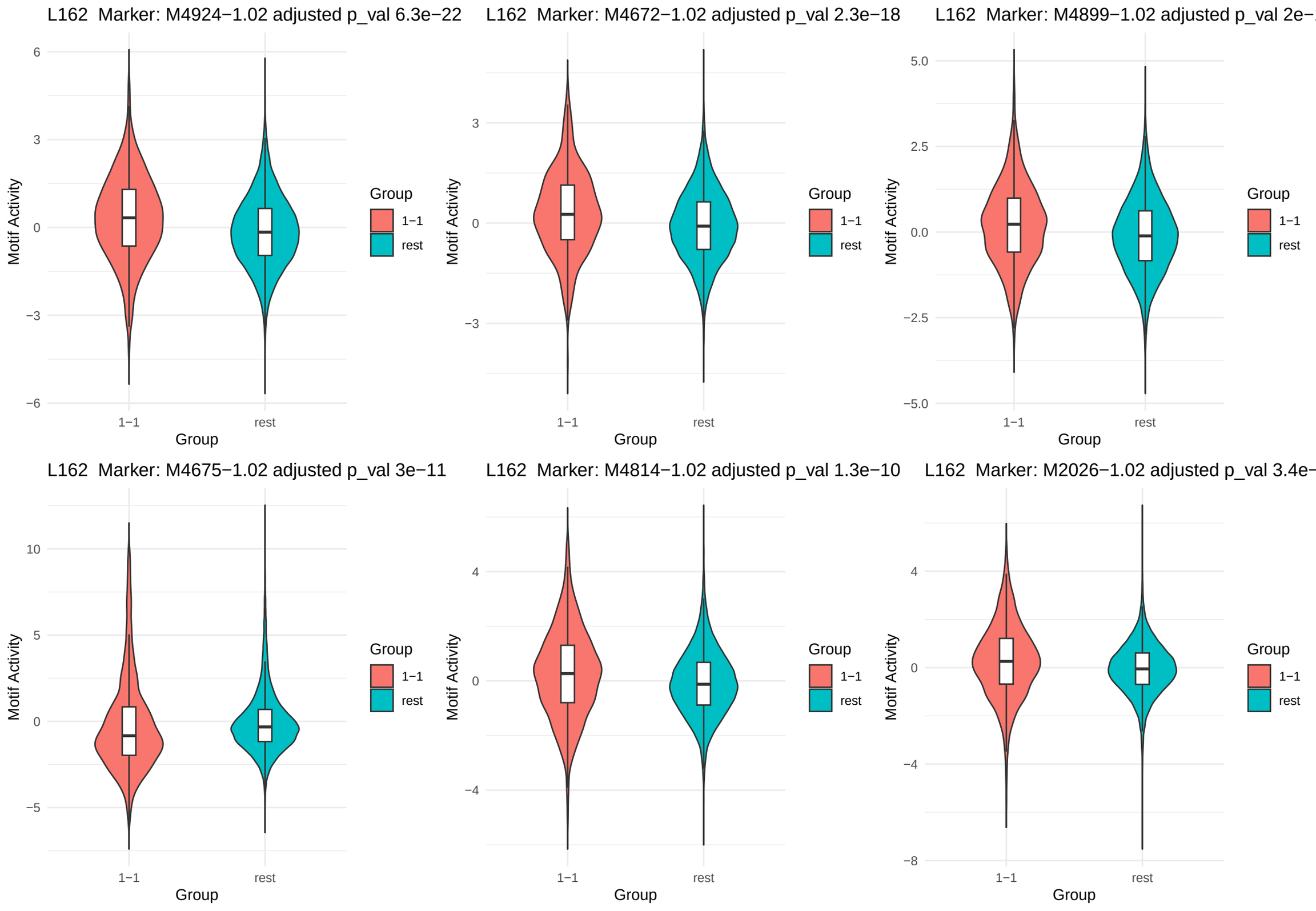

L157 Marker: M4924−1.02 adjusted p_val 4.1e−78
L157 Marker: M4938−1.02 adjusted p_val 1.1e−39
L157 Marker: M4745−1.02 adjusted p_val 1e−32
L157 Marker: M5064−1.02 adjusted p_val 1e−32
L157 Marker: M5273−1.02 adjusted p_val 1e−32
L157 Marker: M4724−1.02 adjusted p_val 1.6e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

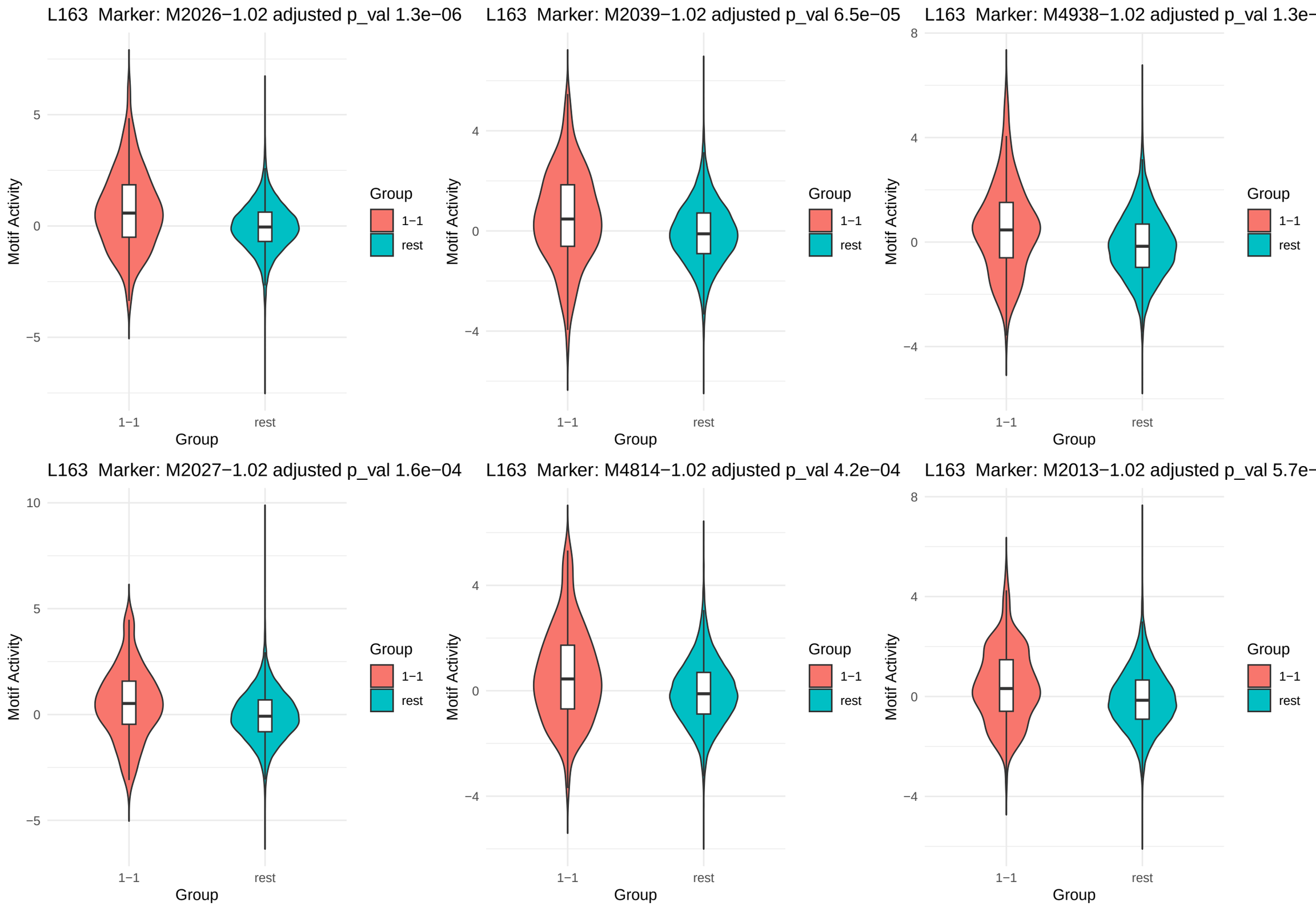

L158 Marker: M4924−1.02 adjusted p_val 6e−54
L158 Marker: M4899−1.02 adjusted p_val 4.7e−38
L158 Marker: M4938−1.02 adjusted p_val 8.2e−
L158 Marker: M4886−1.02 adjusted p_val 4.7e−26
L158 Marker: M2013−1.02 adjusted p_val 2.3e−25
L158 Marker: M4745−1.02 adjusted p_val 5.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

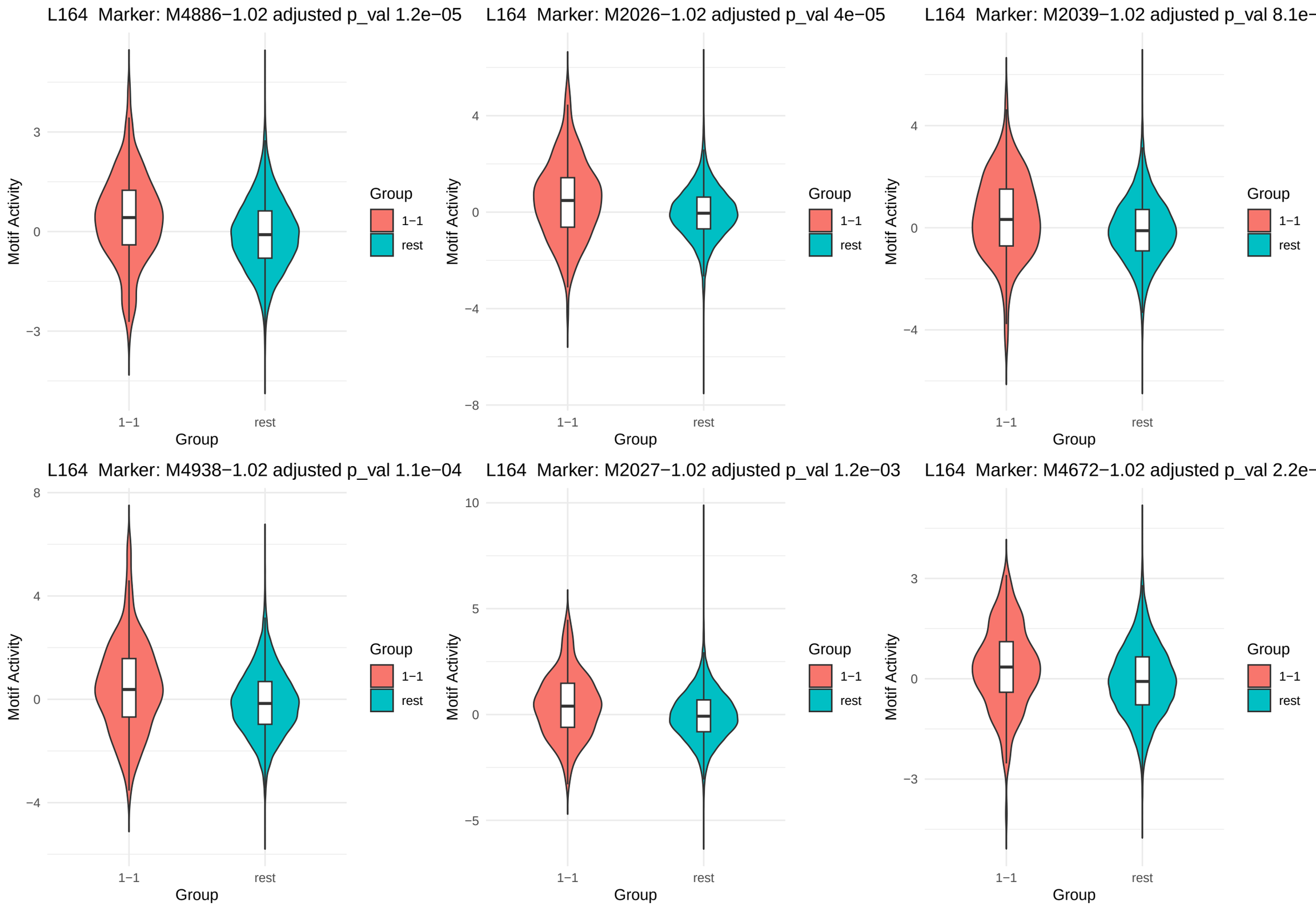

L159 Marker: M4924−1.02 adjusted p_val 1.3e−67
L159 Marker: M2039−1.02 adjusted p_val 2.5e−52
L159 Marker: M4938−1.02 adjusted p_val 5.7e−
L159 Marker: M2013−1.02 adjusted p_val 1.8e−45
L159 Marker: M4899−1.02 adjusted p_val 1e−44
L159 Marker: M4886−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest

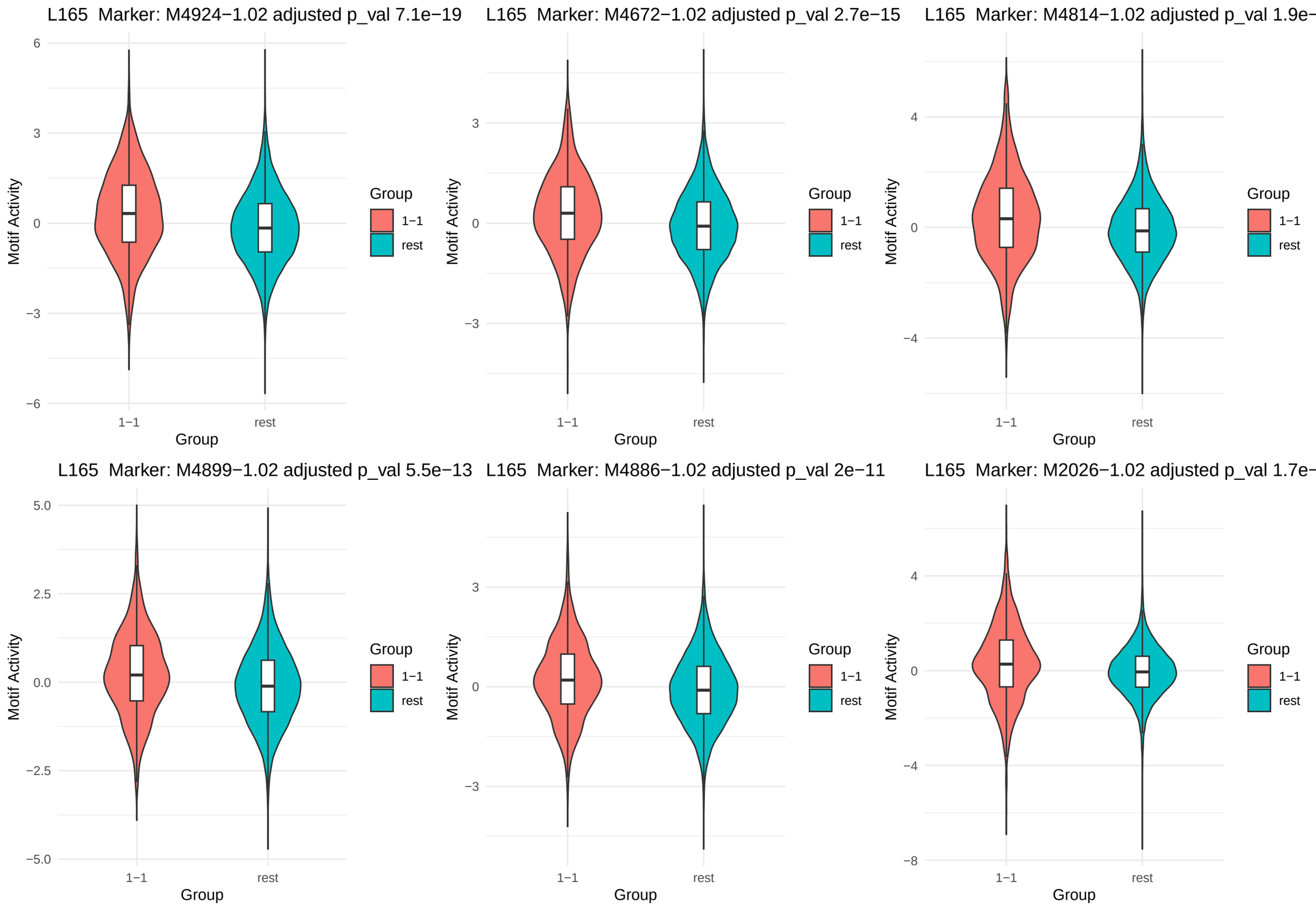

L160 Marker: M4672−1.02 adjusted p_val 9.9e−17
L160 Marker: M4924−1.02 adjusted p_val 1.6e−15
L160 Marker: M4899−1.02 adjusted p_val 2.5e
L160 Marker: M4814−1.02 adjusted p_val 6.1e−10
L160 Marker: M4886−1.02 adjusted p_val 6.3e−10
L160 Marker: M4867−1.02 adjusted p_val 1.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

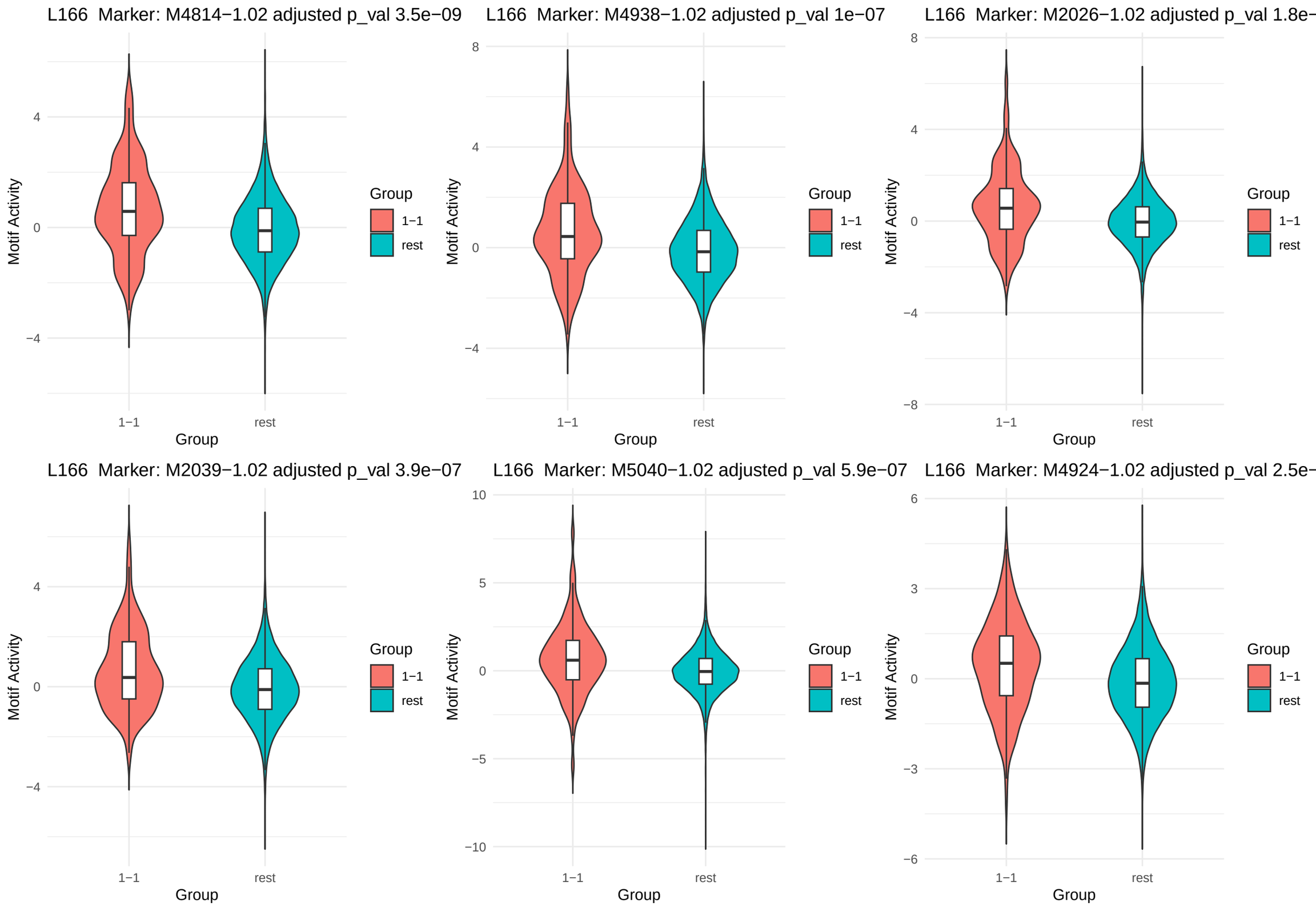

L161 Marker: M1913−1.02 adjusted p_val 3e−24
L161 Marker: M4745−1.02 adjusted p_val 3.1e−22
L161 Marker: M5064−1.02 adjusted p_val 3.1e−
L161 Marker: M5273−1.02 adjusted p_val 3.1e−22
L161 Marker: M4724−1.02 adjusted p_val 1.1e−21
L161 Marker: M4725−1.02 adjusted p_val 1.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

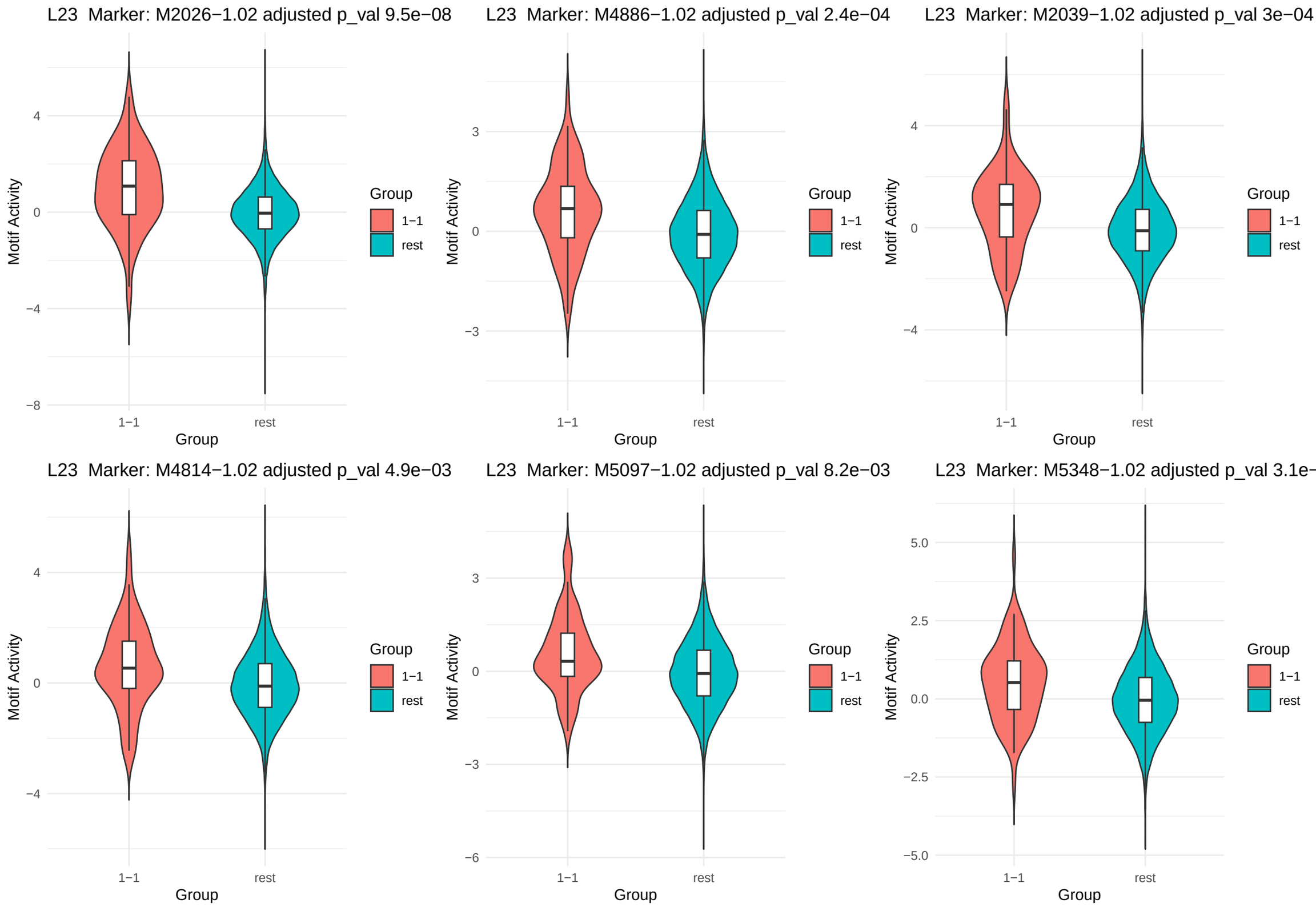

L162 Marker: M4924−1.02 adjusted p_val 6.3e−22
L162 Marker: M4672−1.02 adjusted p_val 2.3e−18
L162 Marker: M4899−1.02 adjusted p_val 2e−
L162 Marker: M4675−1.02 adjusted p_val 3e−11
L162 Marker: M4814−1.02 adjusted p_val 1.3e−10
L162 Marker: M2026−1.02 adjusted p_val 3.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

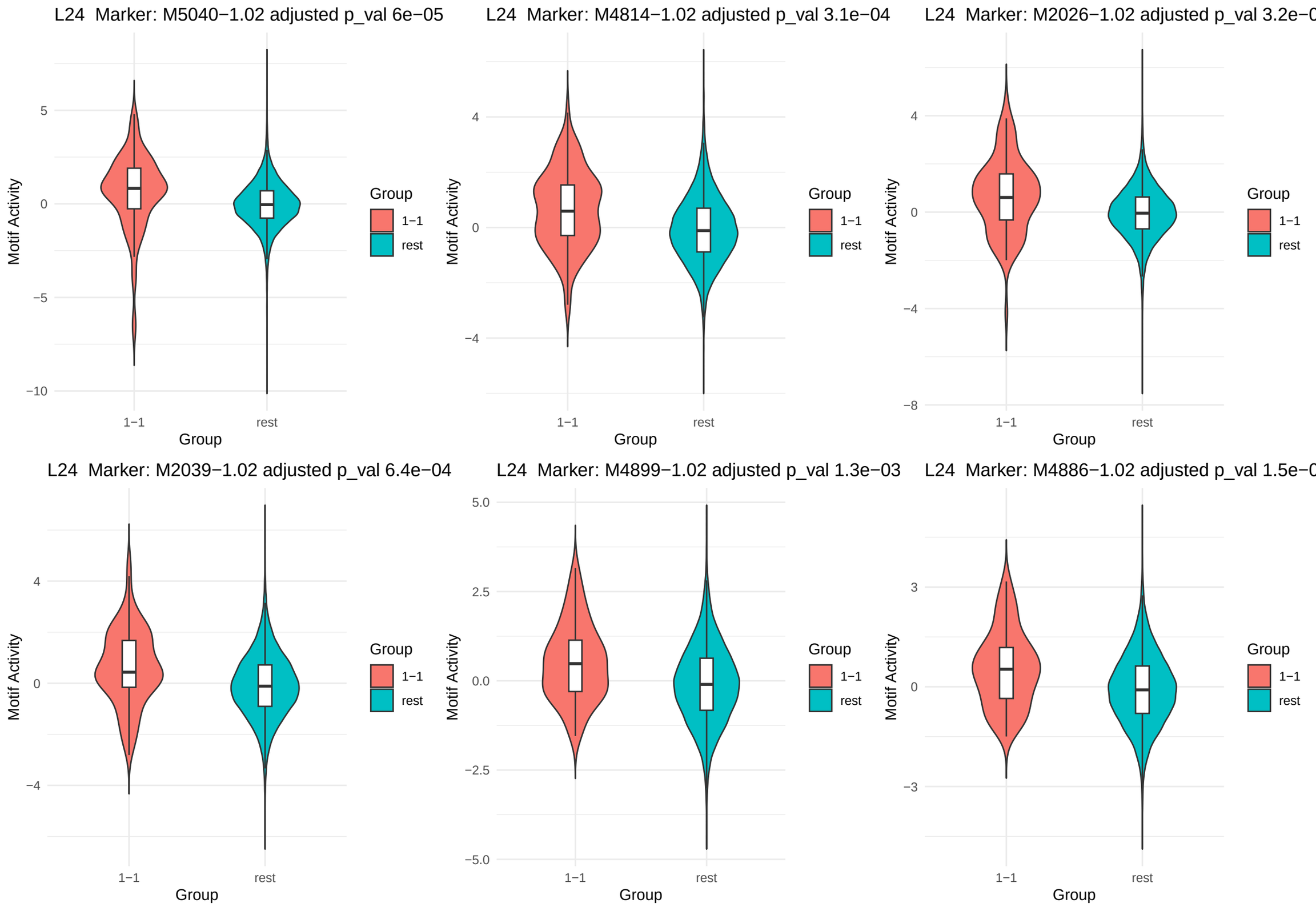

L163 Marker: M2026−1.02 adjusted p_val 1.3e−06
L163 Marker: M2039−1.02 adjusted p_val 6.5e−05
L163 Marker: M4938−1.02 adjusted p_val 1.3e−
L163 Marker: M2027−1.02 adjusted p_val 1.6e−04
L163 Marker: M4814−1.02 adjusted p_val 4.2e−04
L163 Marker: M2013−1.02 adjusted p_val 5.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

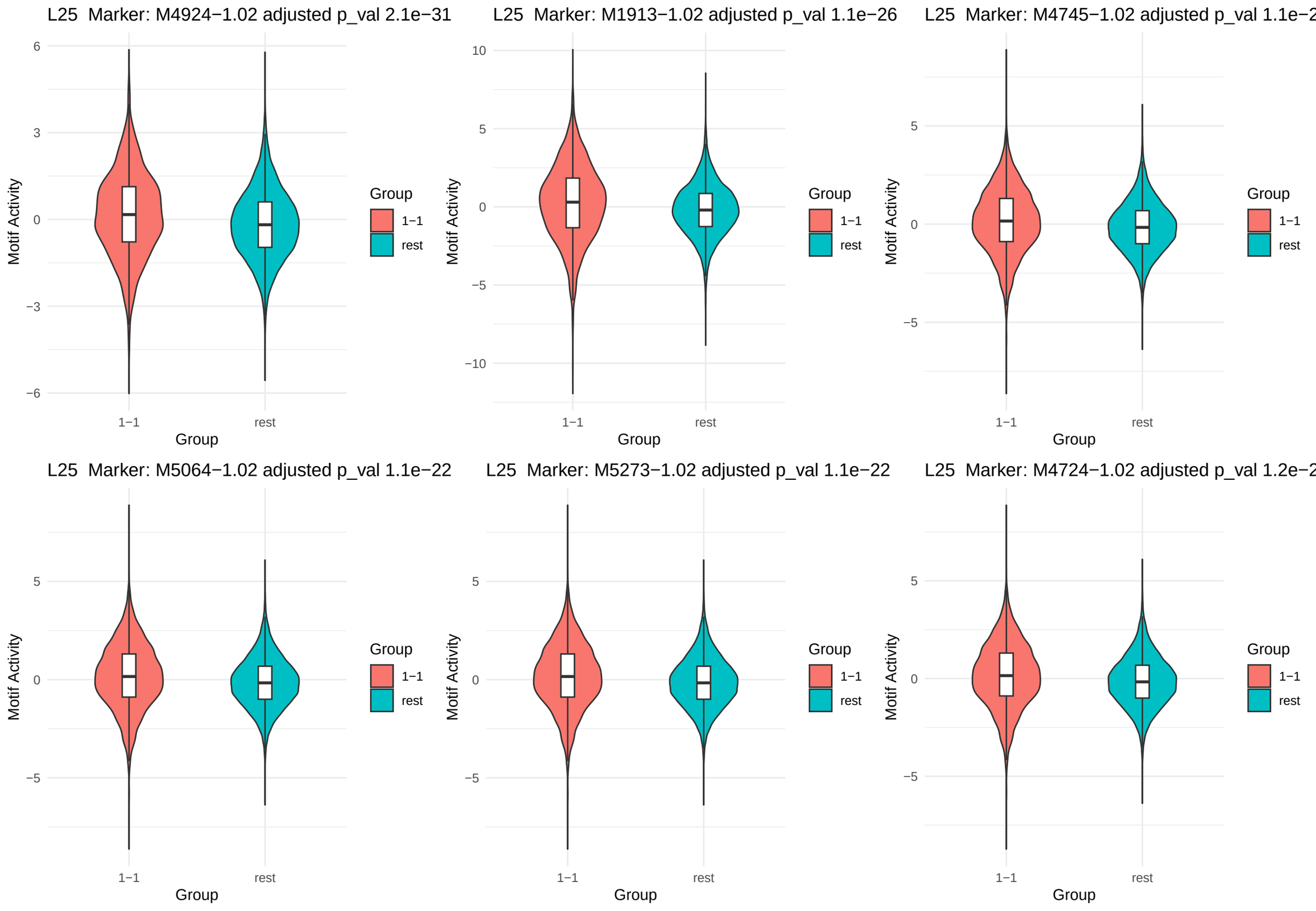

L164 Marker: M4886−1.02 adjusted p_val 1.2e−05
L164 Marker: M2026−1.02 adjusted p_val 4e−05
L164 Marker: M2039−1.02 adjusted p_val 8.1e−
L164 Marker: M4938−1.02 adjusted p_val 1.1e−04
L164 Marker: M2027−1.02 adjusted p_val 1.2e−03
L164 Marker: M4672−1.02 adjusted p_val 2.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

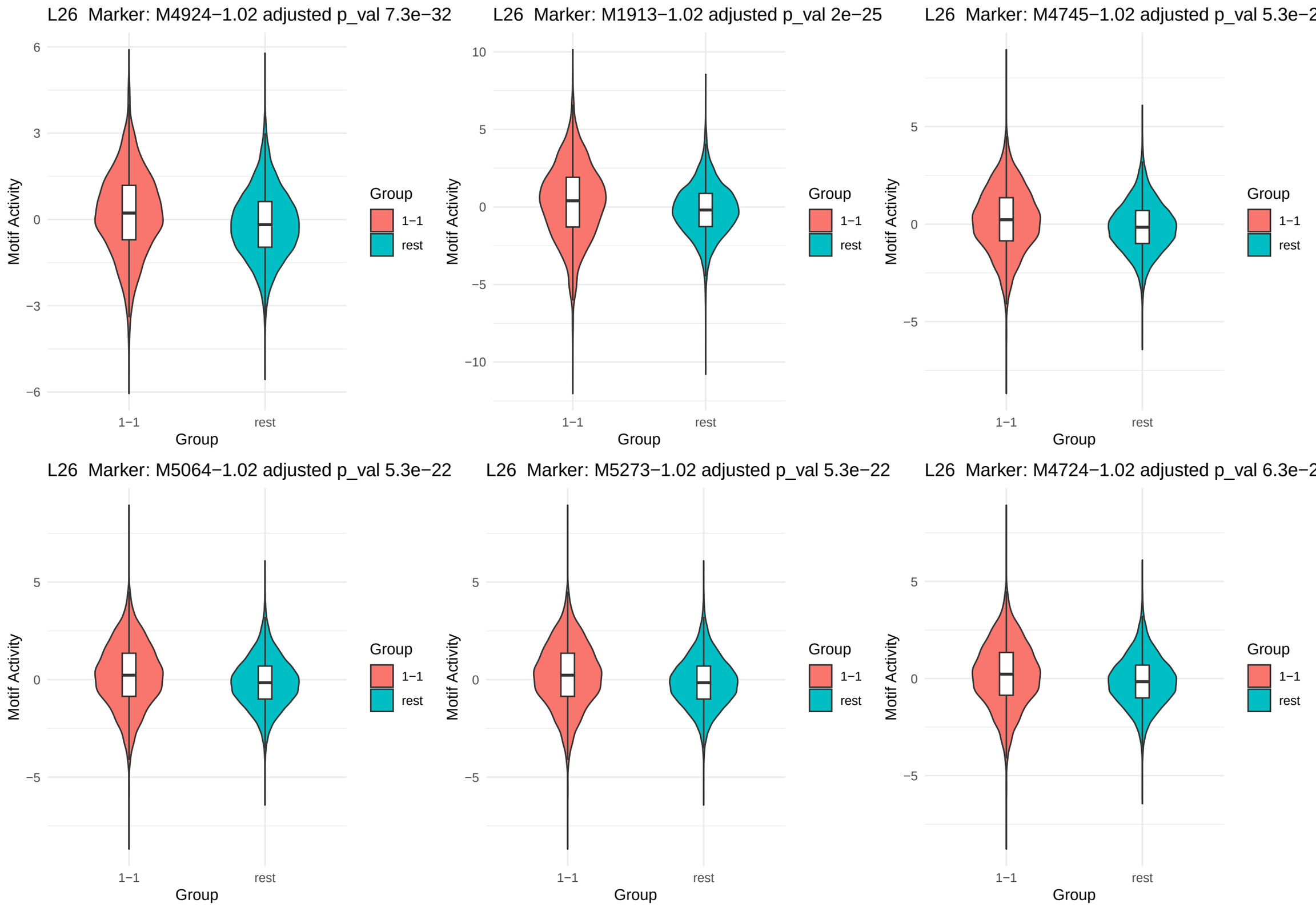

L165 Marker: M4924−1.02 adjusted p_val 7.1e−19
L165 Marker: M4672−1.02 adjusted p_val 2.7e−15
L165 Marker: M4814−1.02 adjusted p_val 1.9e−
L165 Marker: M4899−1.02 adjusted p_val 5.5e−13
L165 Marker: M4886−1.02 adjusted p_val 2e−11
L165 Marker: M2026−1.02 adjusted p_val 1.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

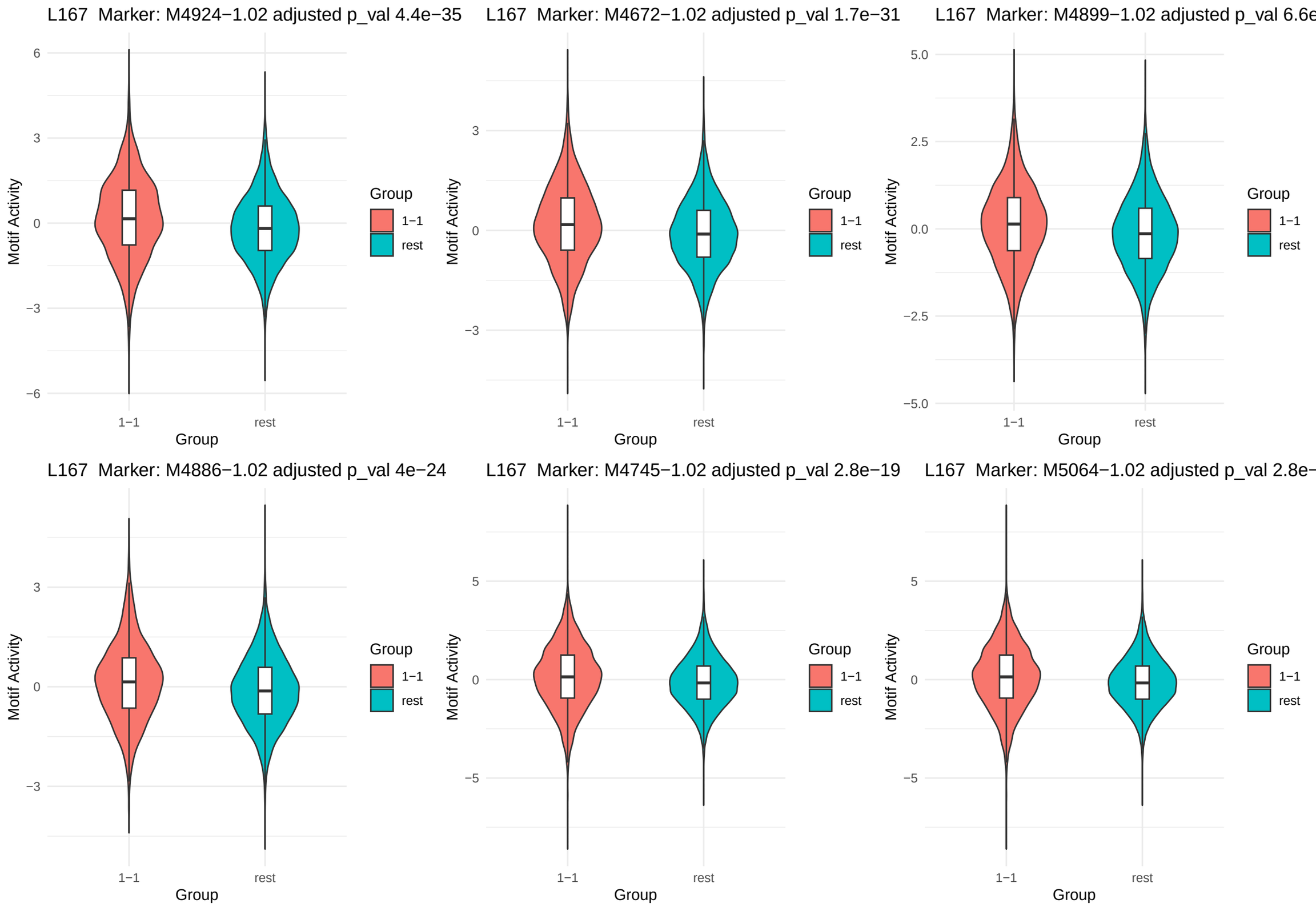

L166 Marker: M4814−1.02 adjusted p_val 3.5e−09
L166 Marker: M4938−1.02 adjusted p_val 1e−07
L166 Marker: M2026−1.02 adjusted p_val 1.8e−
L166 Marker: M2039−1.02 adjusted p_val 3.9e−07
L166 Marker: M5040−1.02 adjusted p_val 5.9e−07
L166 Marker: M4924−1.02 adjusted p_val 2.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

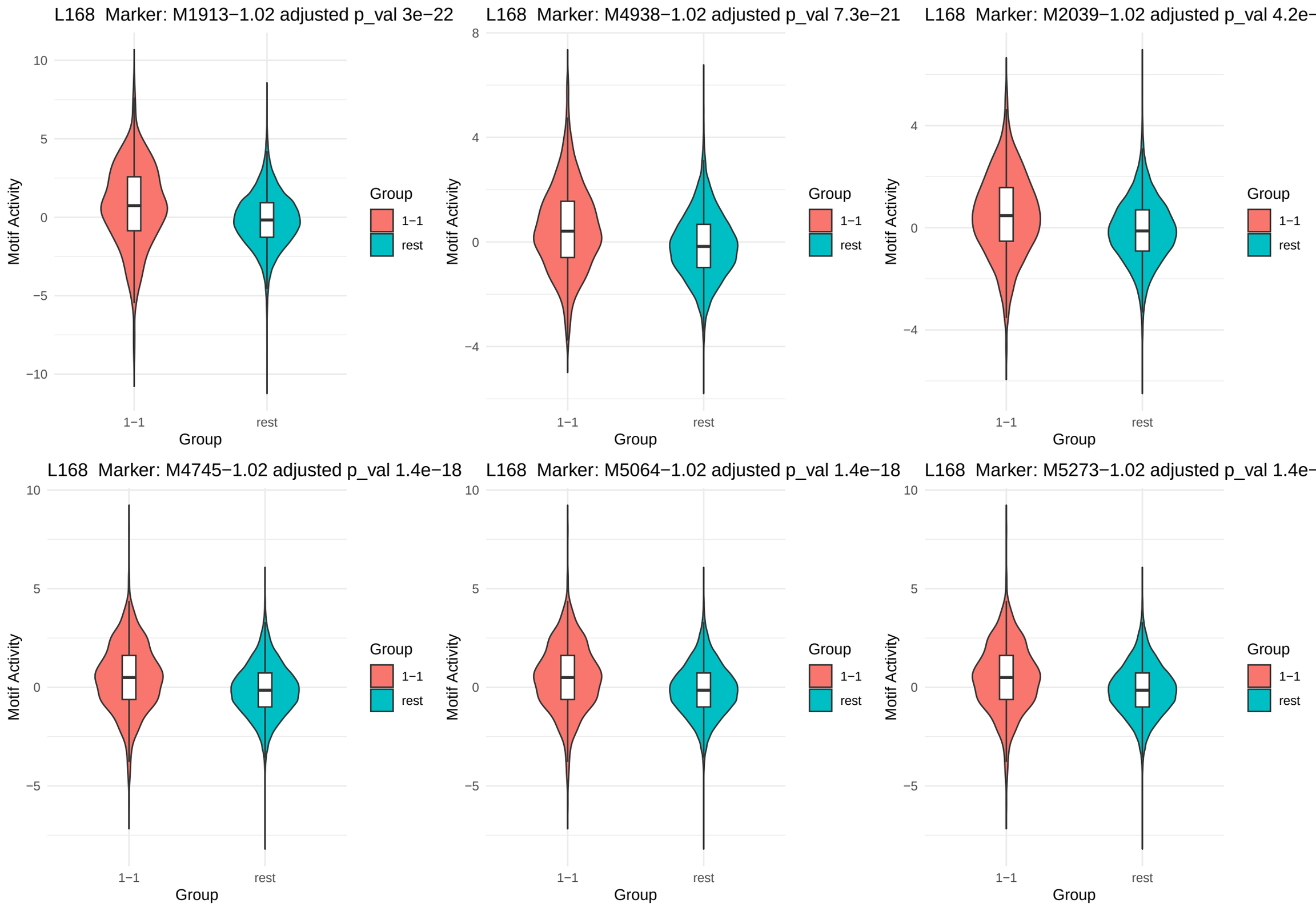

L23 Marker: M2026−1.02 adjusted p_val 9.5e−08
L23 Marker: M4886−1.02 adjusted p_val 2.4e−04
L23 Marker: M2039−1.02 adjusted p_val 3e−04
L23 Marker: M4814−1.02 adjusted p_val 4.9e−03
L23 Marker: M5097−1.02 adjusted p_val 8.2e−03
L23 Marker: M5348−1.02 adjusted p_val 3.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

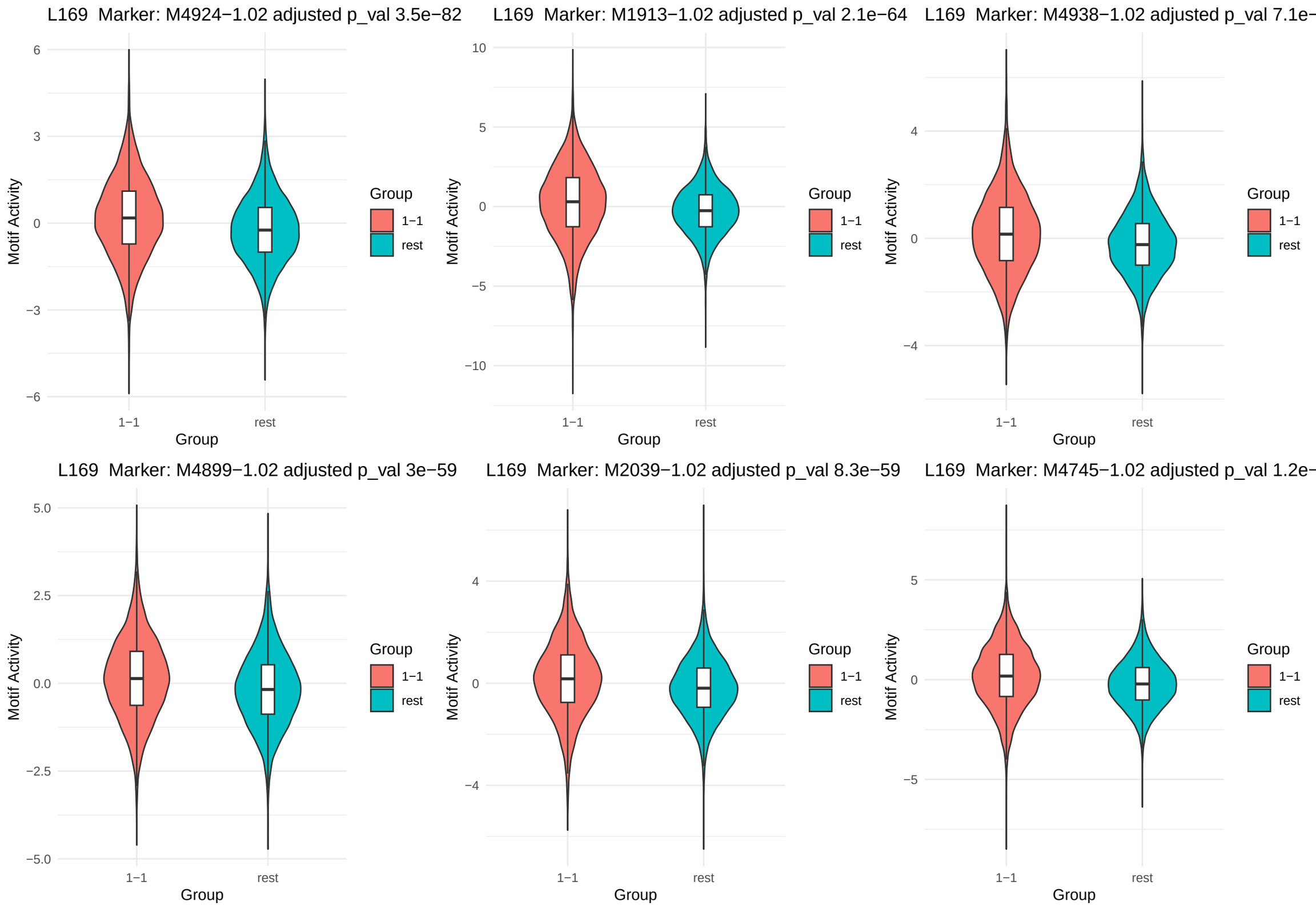

L24 Marker: M5040−1.02 adjusted p_val 6e−05
L24 Marker: M4814−1.02 adjusted p_val 3.1e−04
L24 Marker: M2026−1.02 adjusted p_val 3.2e−0
L24 Marker: M2039−1.02 adjusted p_val 6.4e−04
L24 Marker: M4899−1.02 adjusted p_val 1.3e−03
L24 Marker: M4886−1.02 adjusted p_val 1.5e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

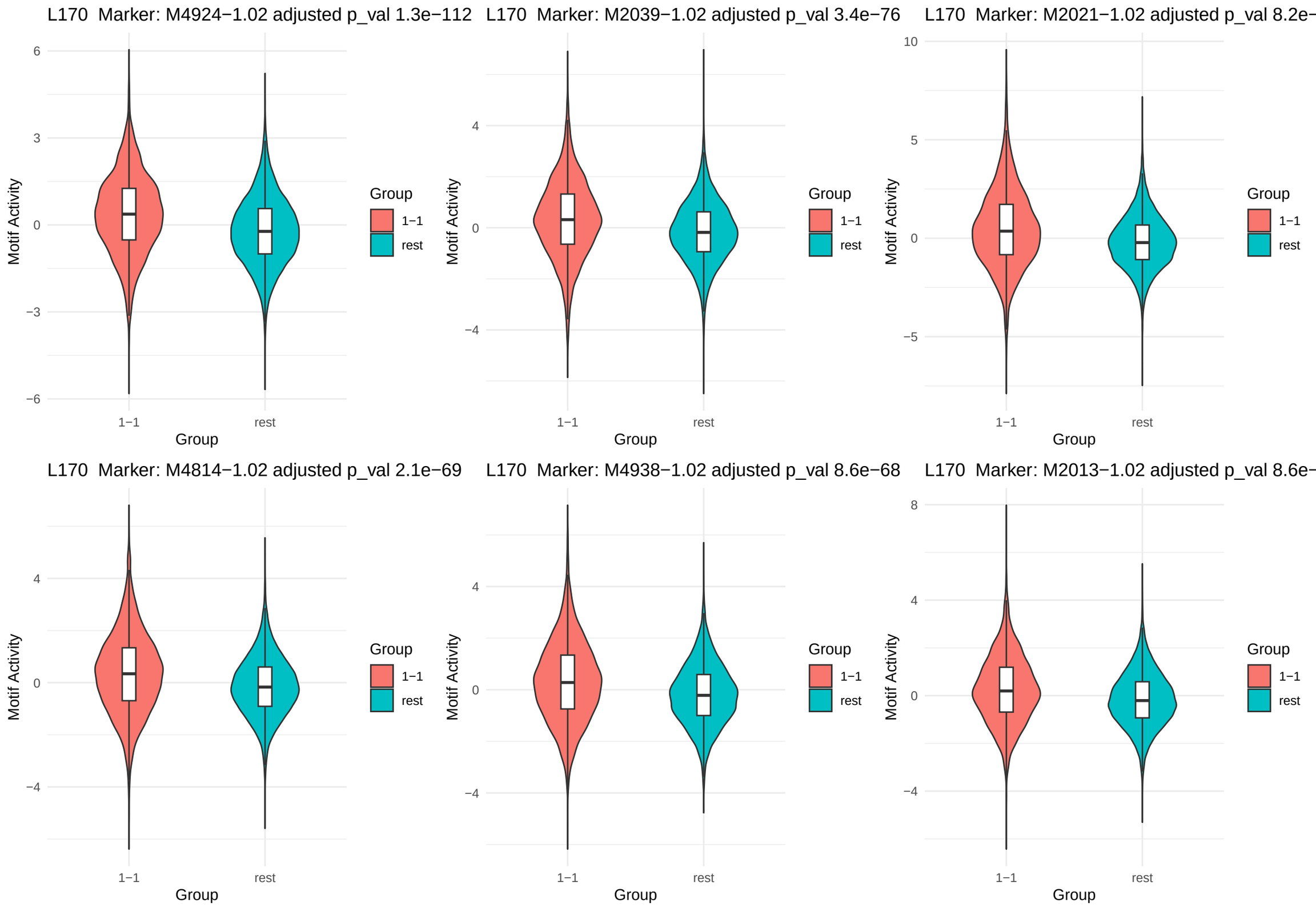

L25 Marker: M4924−1.02 adjusted p_val 2.1e−31
L25 Marker: M1913−1.02 adjusted p_val 1.1e−26
L25 Marker: M4745−1.02 adjusted p_val 1.1e−2
L25 Marker: M5064−1.02 adjusted p_val 1.1e−22
L25 Marker: M5273−1.02 adjusted p_val 1.1e−22
L25 Marker: M4724−1.02 adjusted p_val 1.2e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

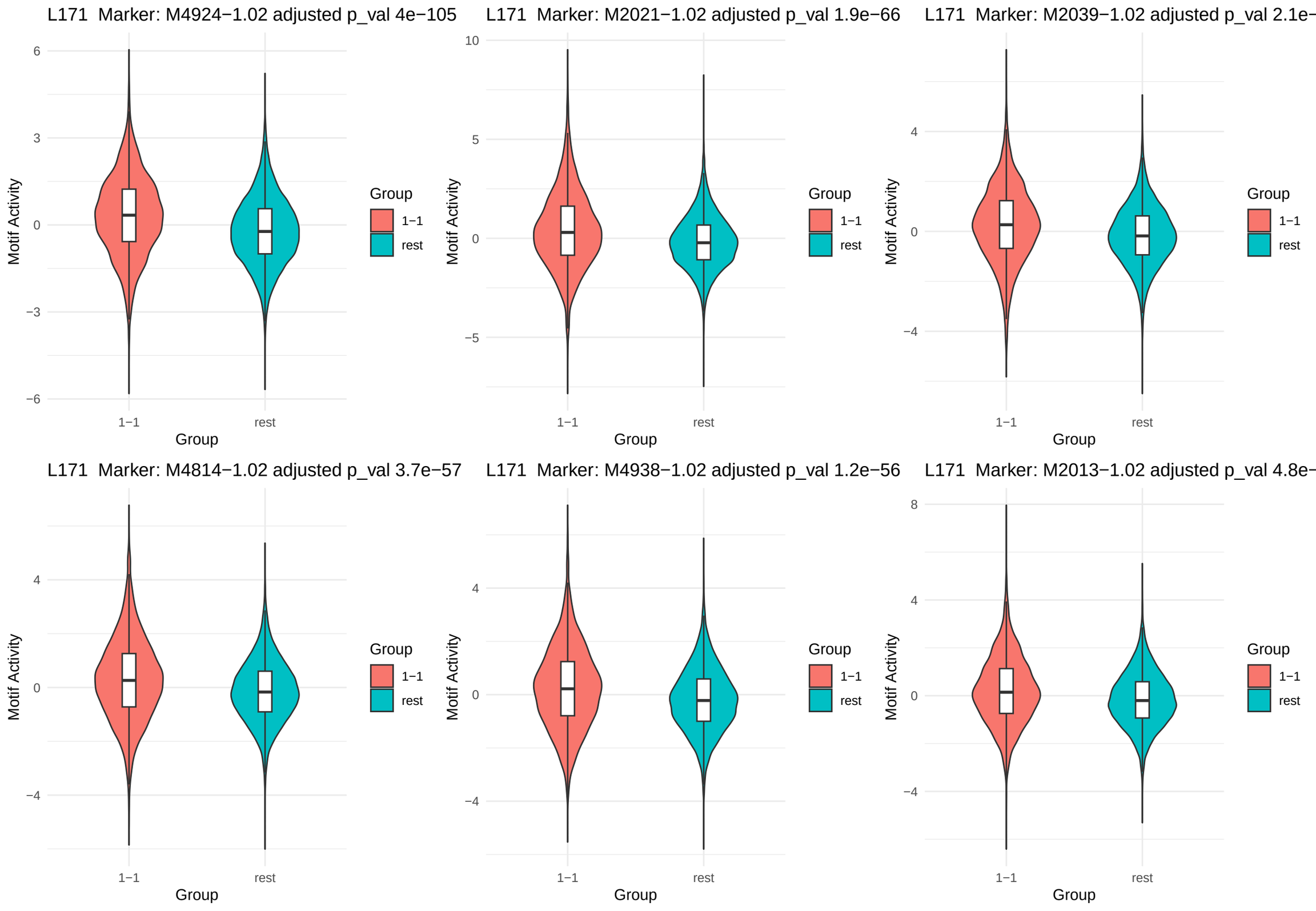

L26 Marker: M4924−1.02 adjusted p_val 7.3e−32
L26 Marker: M1913−1.02 adjusted p_val 2e−25
L26 Marker: M4745−1.02 adjusted p_val 5.3e−2
L26 Marker: M5064−1.02 adjusted p_val 5.3e−22
L26 Marker: M5273−1.02 adjusted p_val 5.3e−22
L26 Marker: M4724−1.02 adjusted p_val 6.3e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

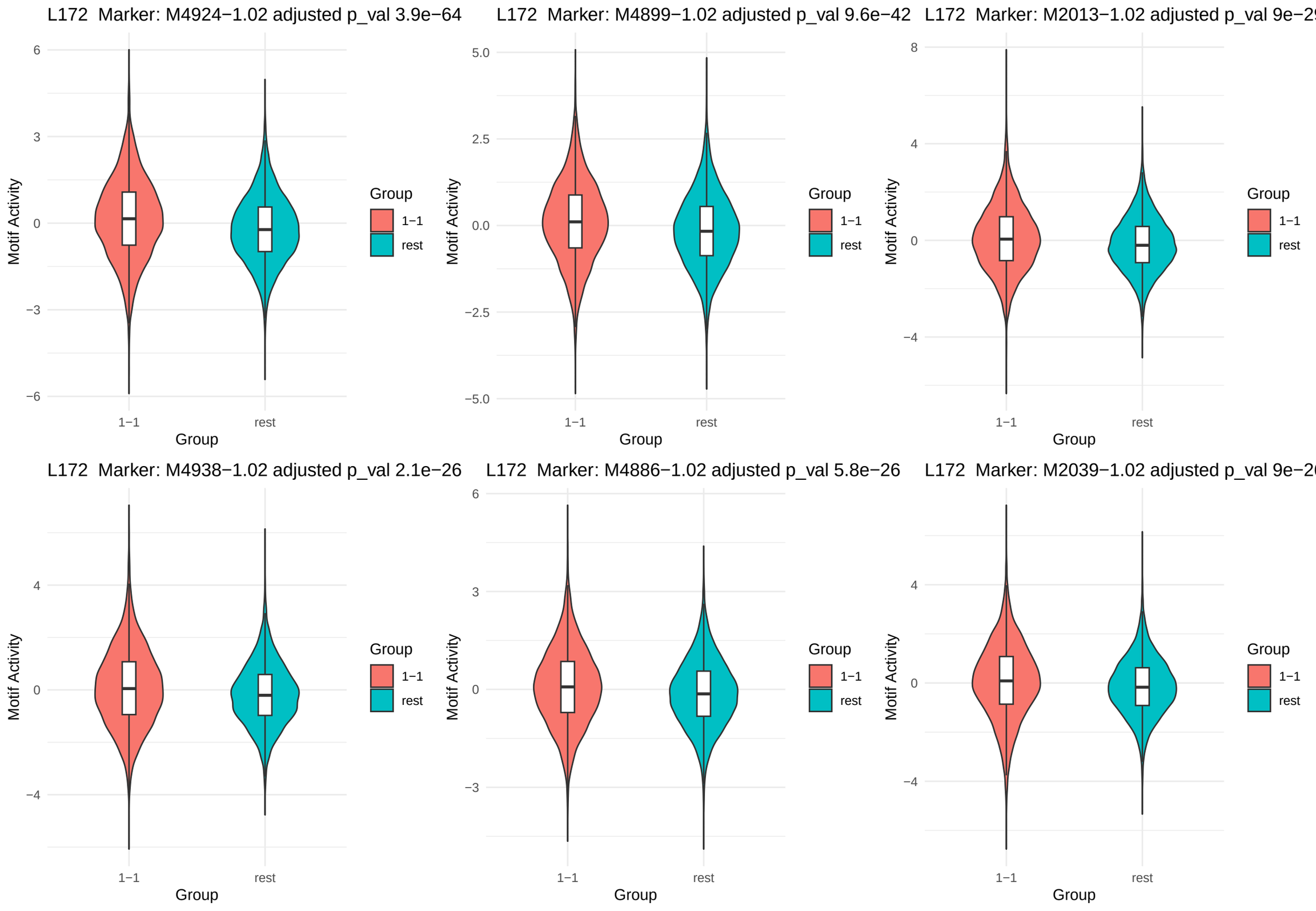

L167 Marker: M4924−1.02 adjusted p_val 4.4e−35
L167 Marker: M4672−1.02 adjusted p_val 1.7e−31
L167 Marker: M4899−1.02 adjusted p_val 6.6e
L167 Marker: M4886−1.02 adjusted p_val 4e−24
L167 Marker: M4745−1.02 adjusted p_val 2.8e−19
L167 Marker: M5064−1.02 adjusted p_val 2.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

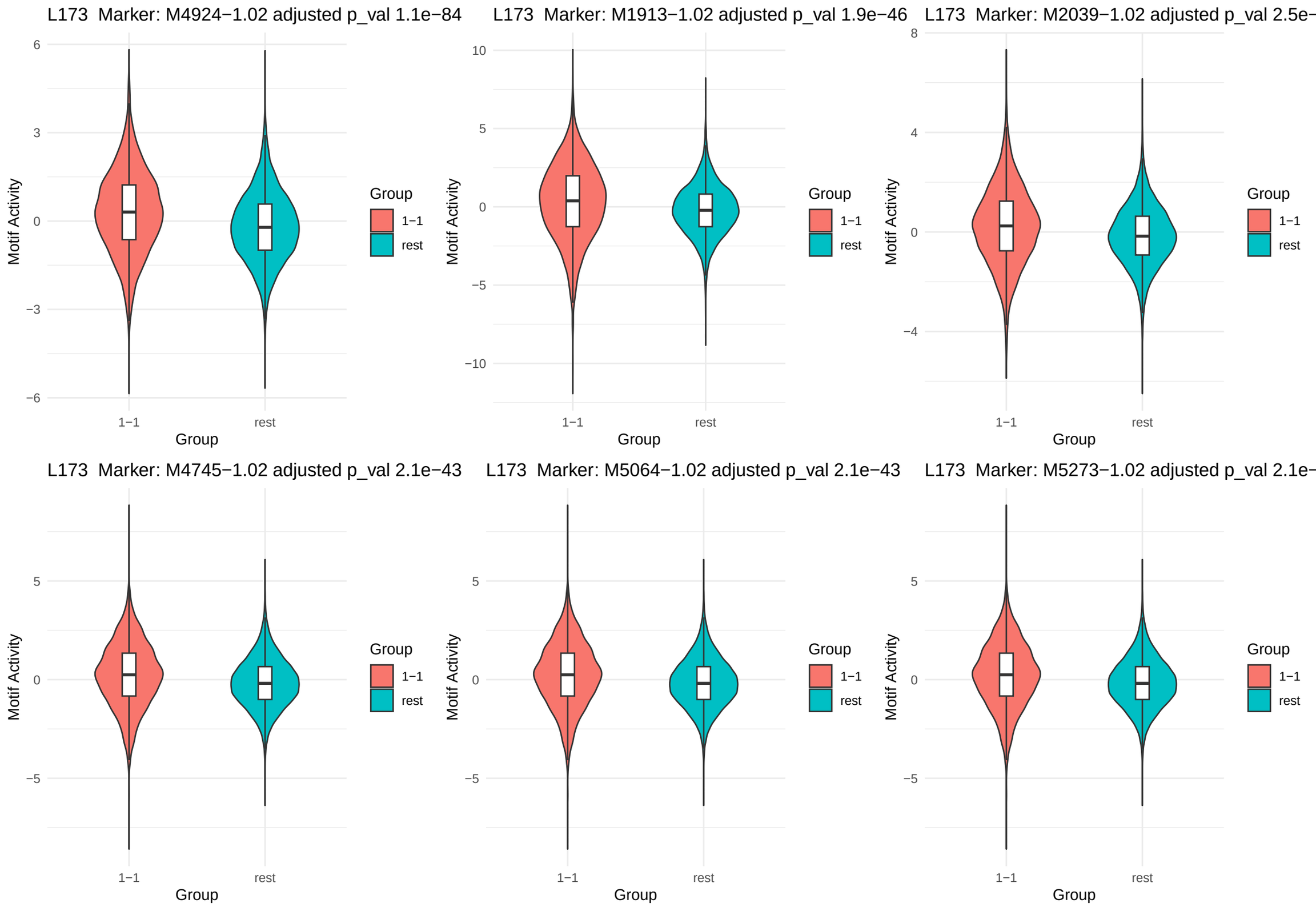

L168 Marker: M1913−1.02 adjusted p_val 3e−22
L168 Marker: M4938−1.02 adjusted p_val 7.3e−21
L168 Marker: M2039−1.02 adjusted p_val 4.2e−
L168 Marker: M4745−1.02 adjusted p_val 1.4e−18
L168 Marker: M5064−1.02 adjusted p_val 1.4e−18
L168 Marker: M5273−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

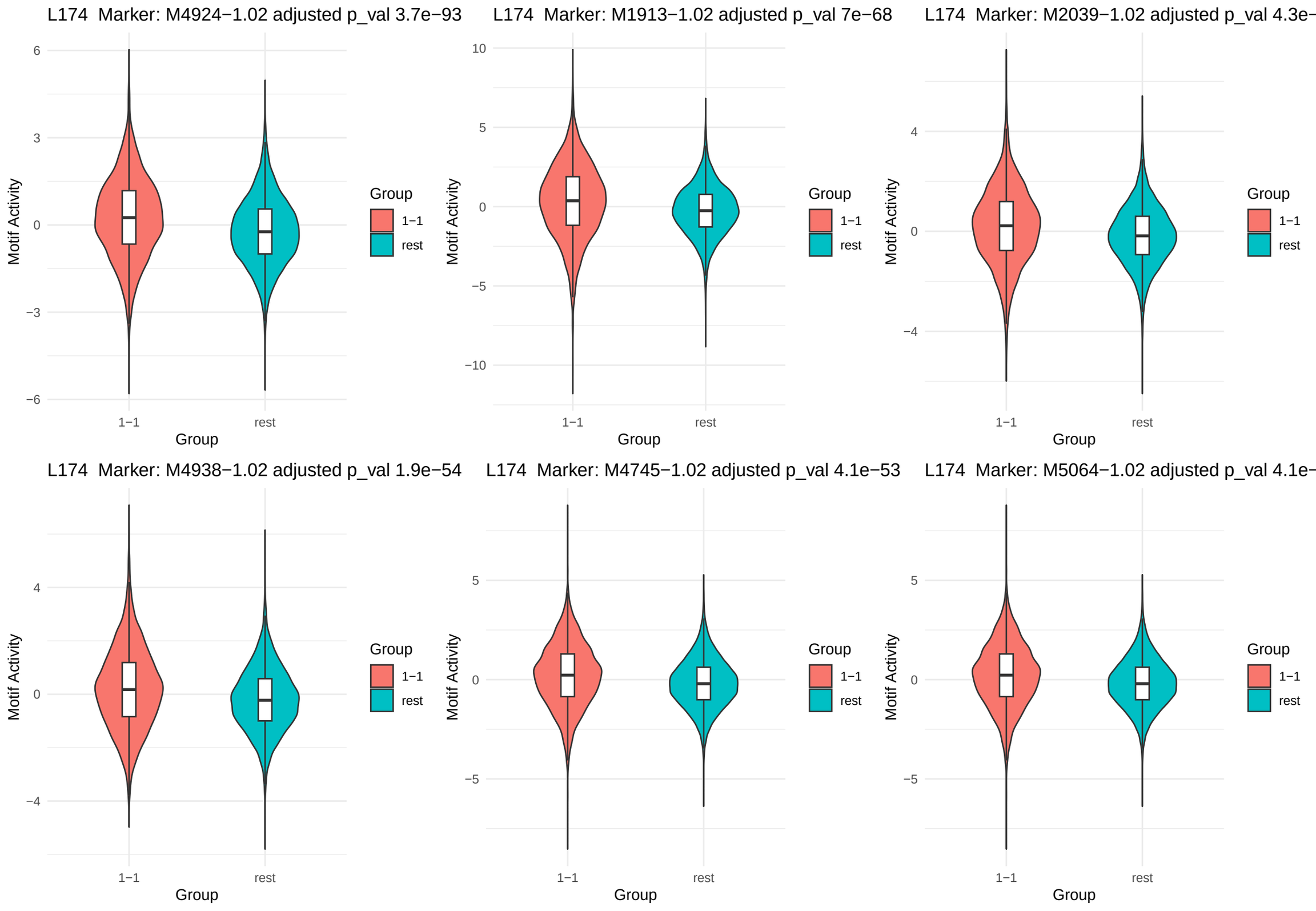

L169 Marker: M4924−1.02 adjusted p_val 3.5e−82
L169 Marker: M1913−1.02 adjusted p_val 2.1e−64
L169 Marker: M4938−1.02 adjusted p_val 7.1e−
L169 Marker: M4899−1.02 adjusted p_val 3e−59
L169 Marker: M2039−1.02 adjusted p_val 8.3e−59
L169 Marker: M4745−1.02 adjusted p_val 1.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

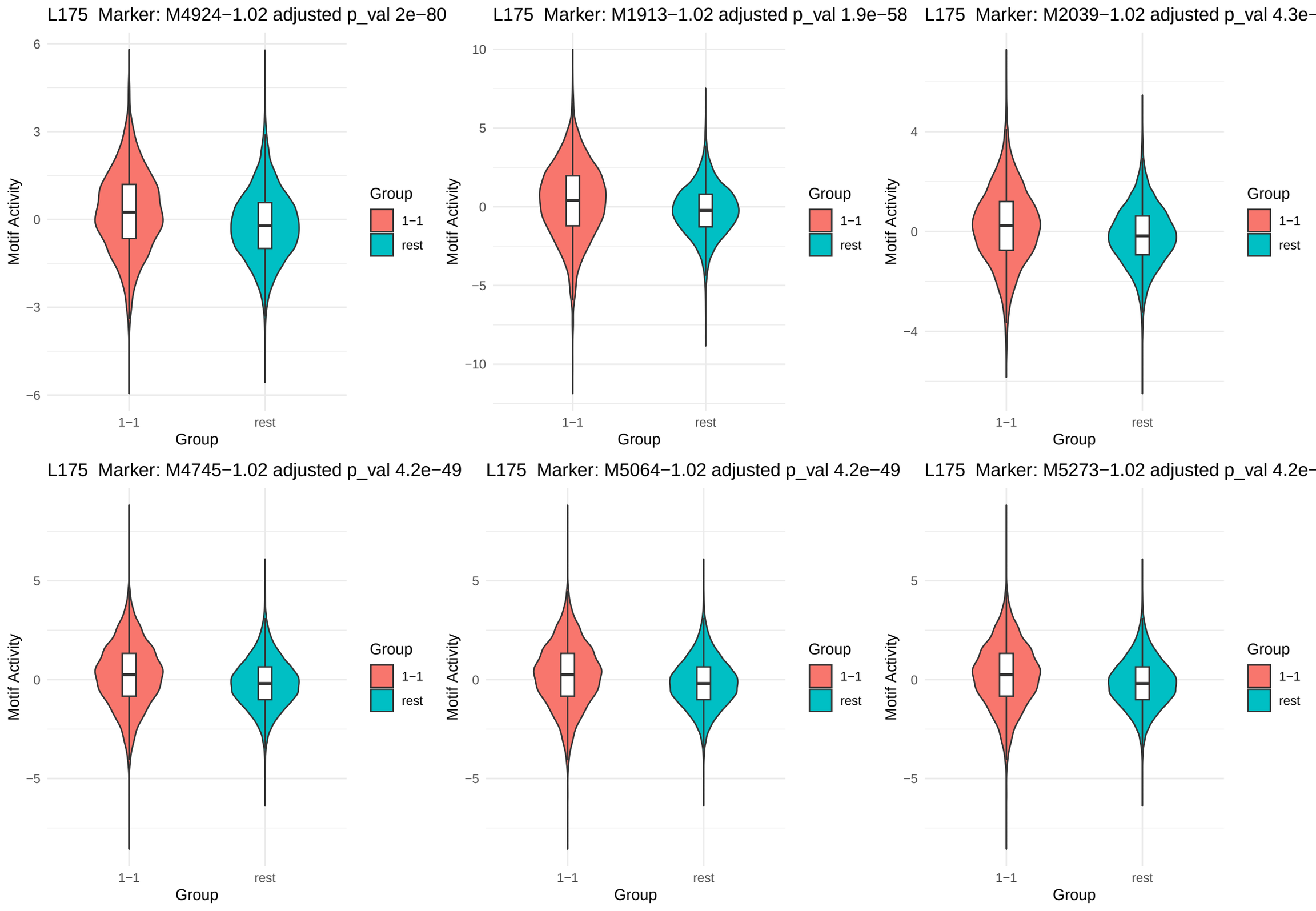

L170 Marker: M4924−1.02 adjusted p_val 1.3e−112
L170 Marker: M2039−1.02 adjusted p_val 3.4e−76
L170 Marker: M2021−1.02 adjusted p_val 8.2e−
L170 Marker: M4814−1.02 adjusted p_val 2.1e−69
L170 Marker: M4938−1.02 adjusted p_val 8.6e−68
L170 Marker: M2013−1.02 adjusted p_val 8.6e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

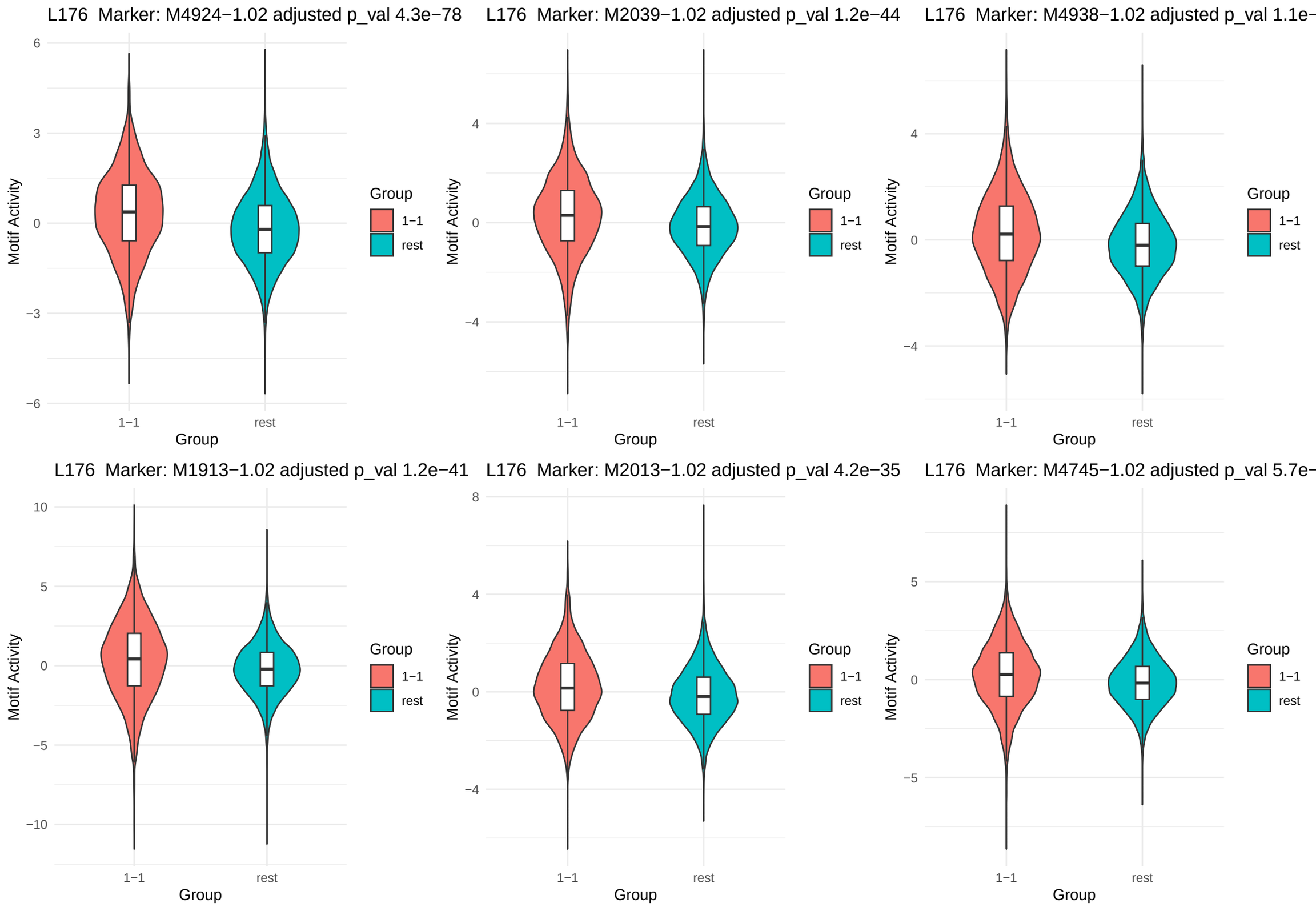

L171 Marker: M4924−1.02 adjusted p_val 4e−105
L171 Marker: M2021−1.02 adjusted p_val 1.9e−66
L171 Marker: M2039−1.02 adjusted p_val 2.1e−
L171 Marker: M4814−1.02 adjusted p_val 3.7e−57
L171 Marker: M4938−1.02 adjusted p_val 1.2e−56
L171 Marker: M2013−1.02 adjusted p_val 4.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

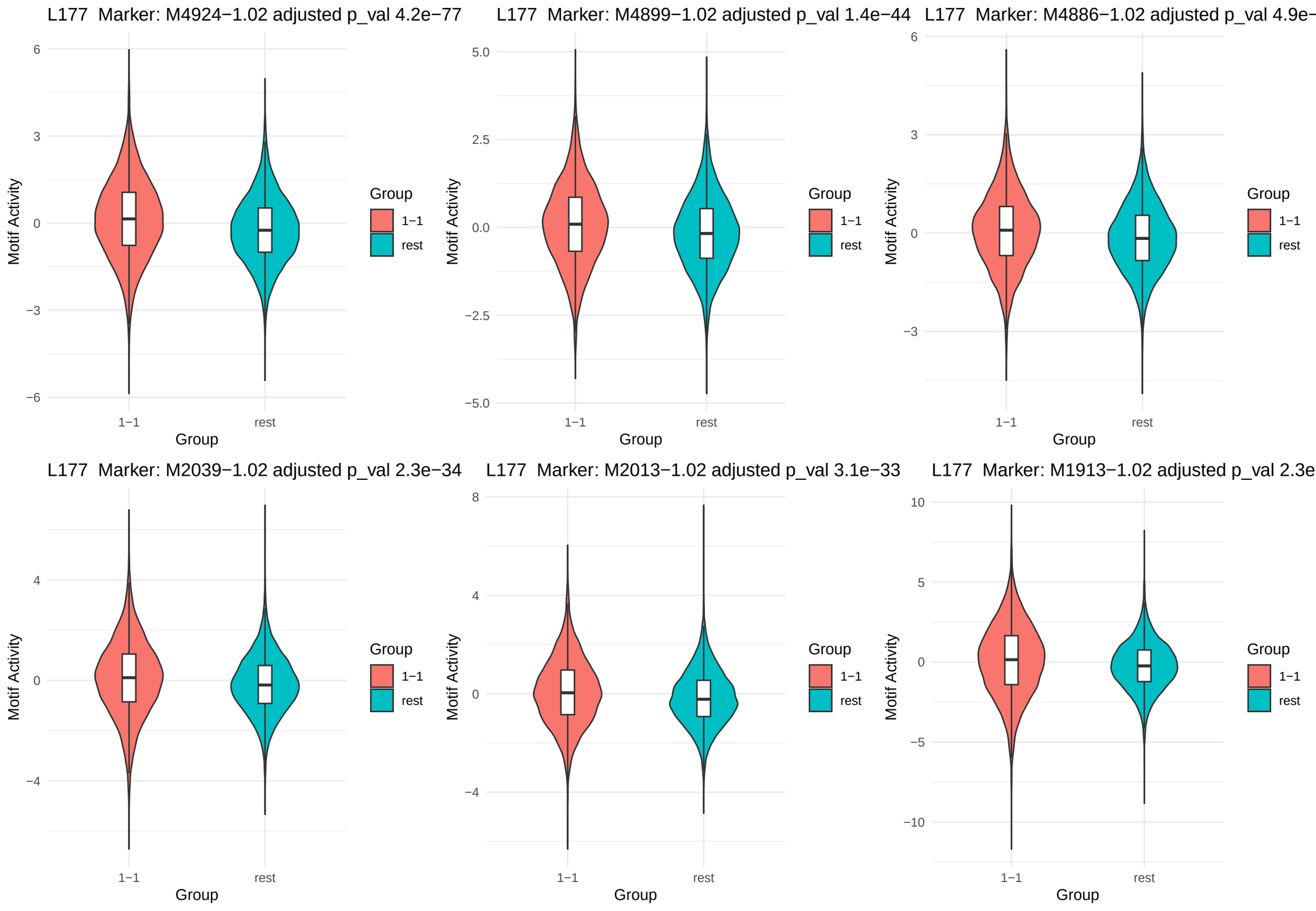

L172 Marker: M4924−1.02 adjusted p_val 3.9e−64
L172 Marker: M4899−1.02 adjusted p_val 9.6e−42
L172 Marker: M2013−1.02 adjusted p_val 9e−29
L172 Marker: M4938−1.02 adjusted p_val 2.1e−26
L172 Marker: M4886−1.02 adjusted p_val 5.8e−26
L172 Marker: M2039−1.02 adjusted p_val 9e−26
Motif Activity
Group
1−1
rest
Group
1−1
rest

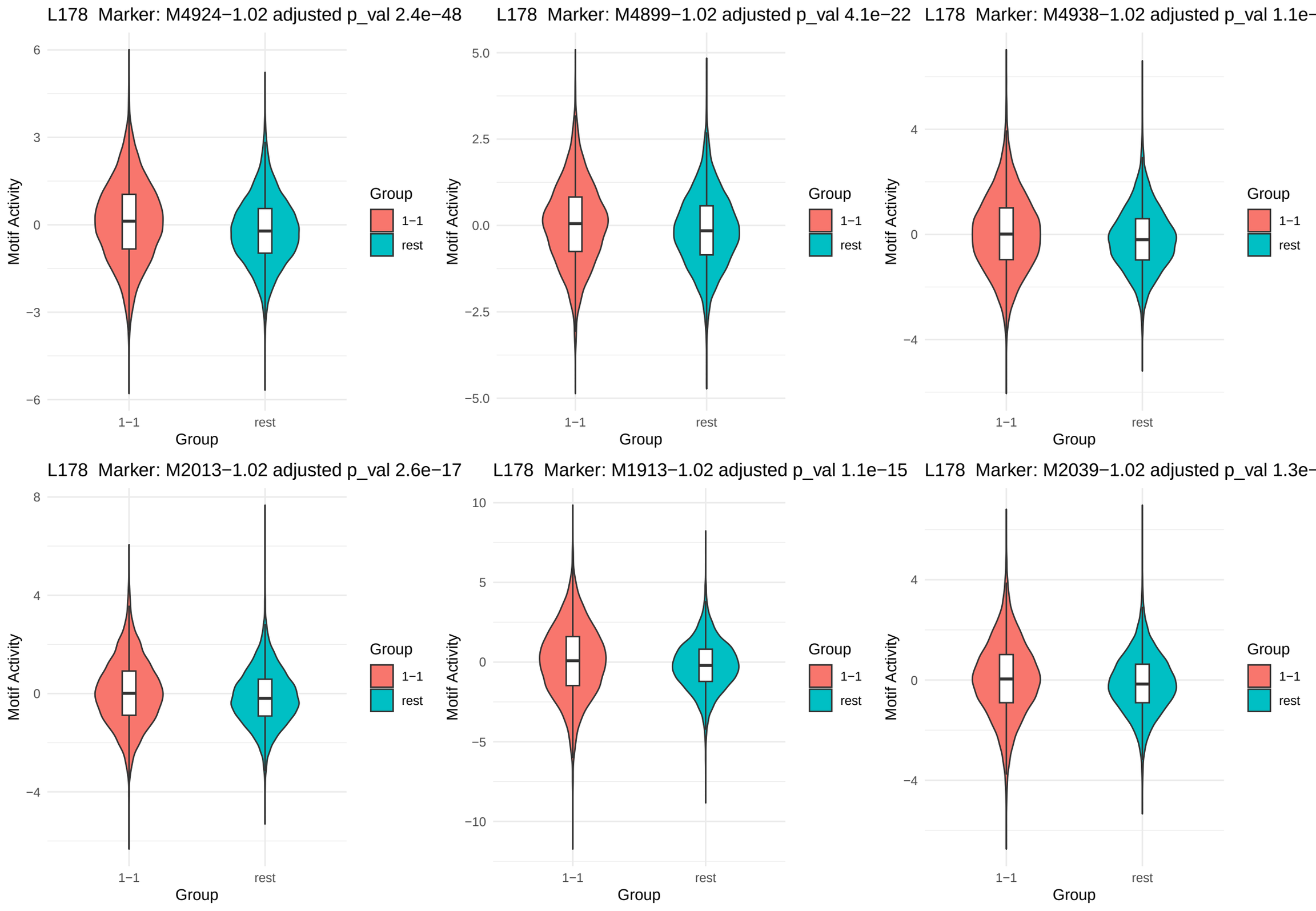

L173 Marker: M4924−1.02 adjusted p_val 1.1e−84
L173 Marker: M1913−1.02 adjusted p_val 1.9e−46
L173 Marker: M2039−1.02 adjusted p_val 2.5e−
L173 Marker: M4745−1.02 adjusted p_val 2.1e−43
L173 Marker: M5064−1.02 adjusted p_val 2.1e−43
L173 Marker: M5273−1.02 adjusted p_val 2.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

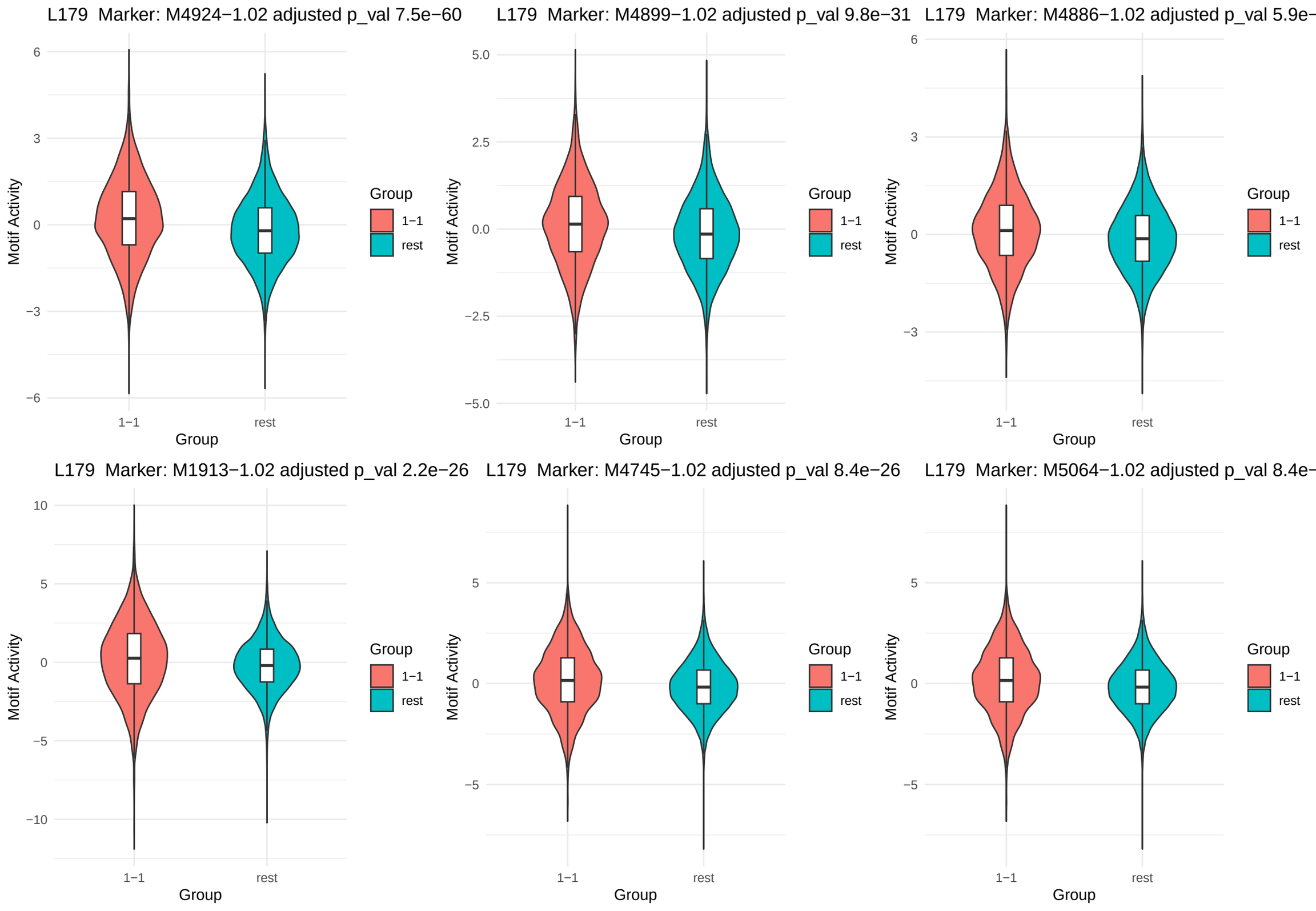

L174 Marker: M4924−1.02 adjusted p_val 3.7e−93
L174 Marker: M1913−1.02 adjusted p_val 7e−68
L174 Marker: M2039−1.02 adjusted p_val 4.3e−
L174 Marker: M4938−1.02 adjusted p_val 1.9e−54
L174 Marker: M4745−1.02 adjusted p_val 4.1e−53
L174 Marker: M5064−1.02 adjusted p_val 4.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

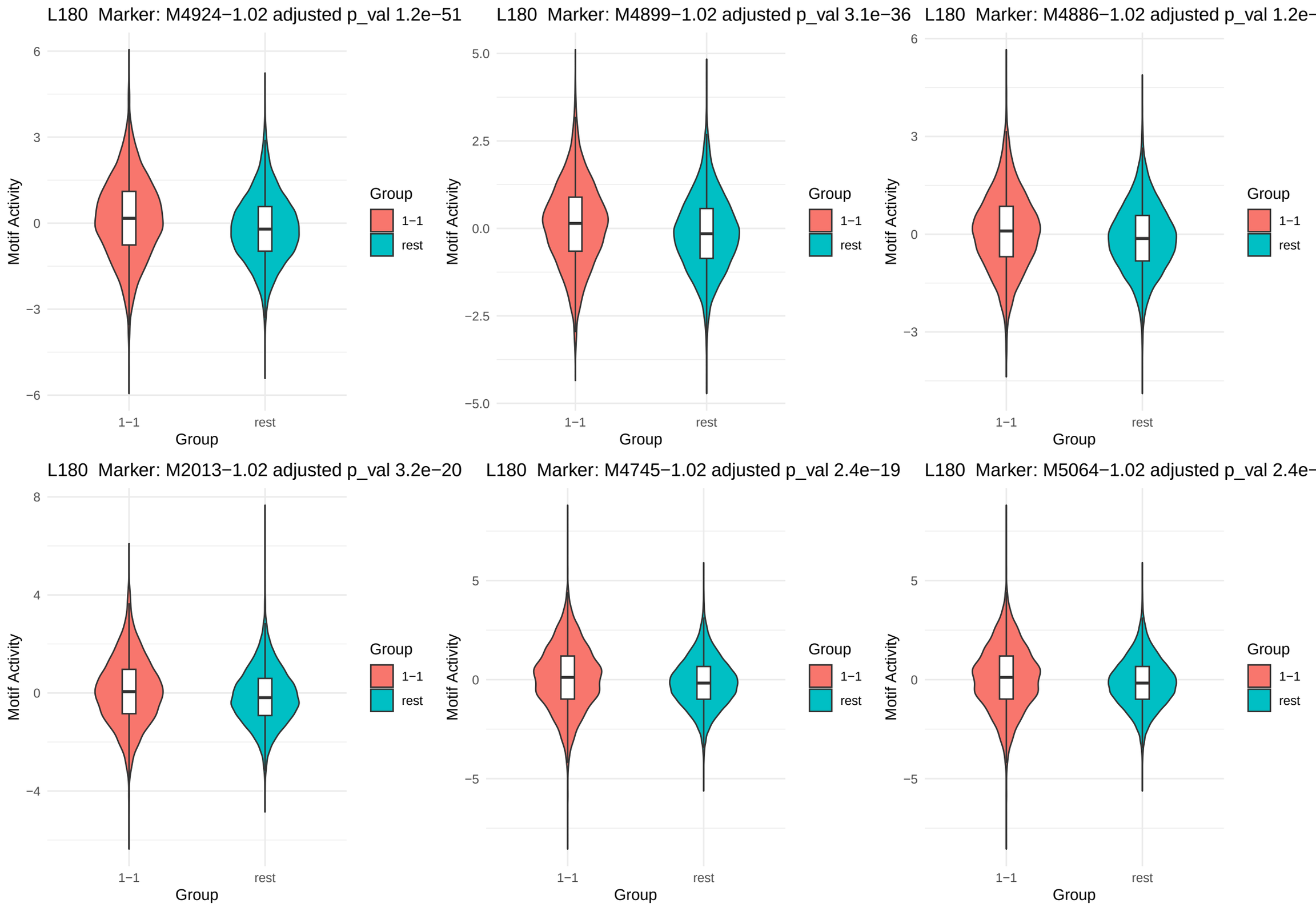

L175 Marker: M4924−1.02 adjusted p_val 2e−80
L175 Marker: M1913−1.02 adjusted p_val 1.9e−58
L175 Marker: M2039−1.02 adjusted p_val 4.3e−
L175 Marker: M4745−1.02 adjusted p_val 4.2e−49
L175 Marker: M5064−1.02 adjusted p_val 4.2e−49
L175 Marker: M5273−1.02 adjusted p_val 4.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

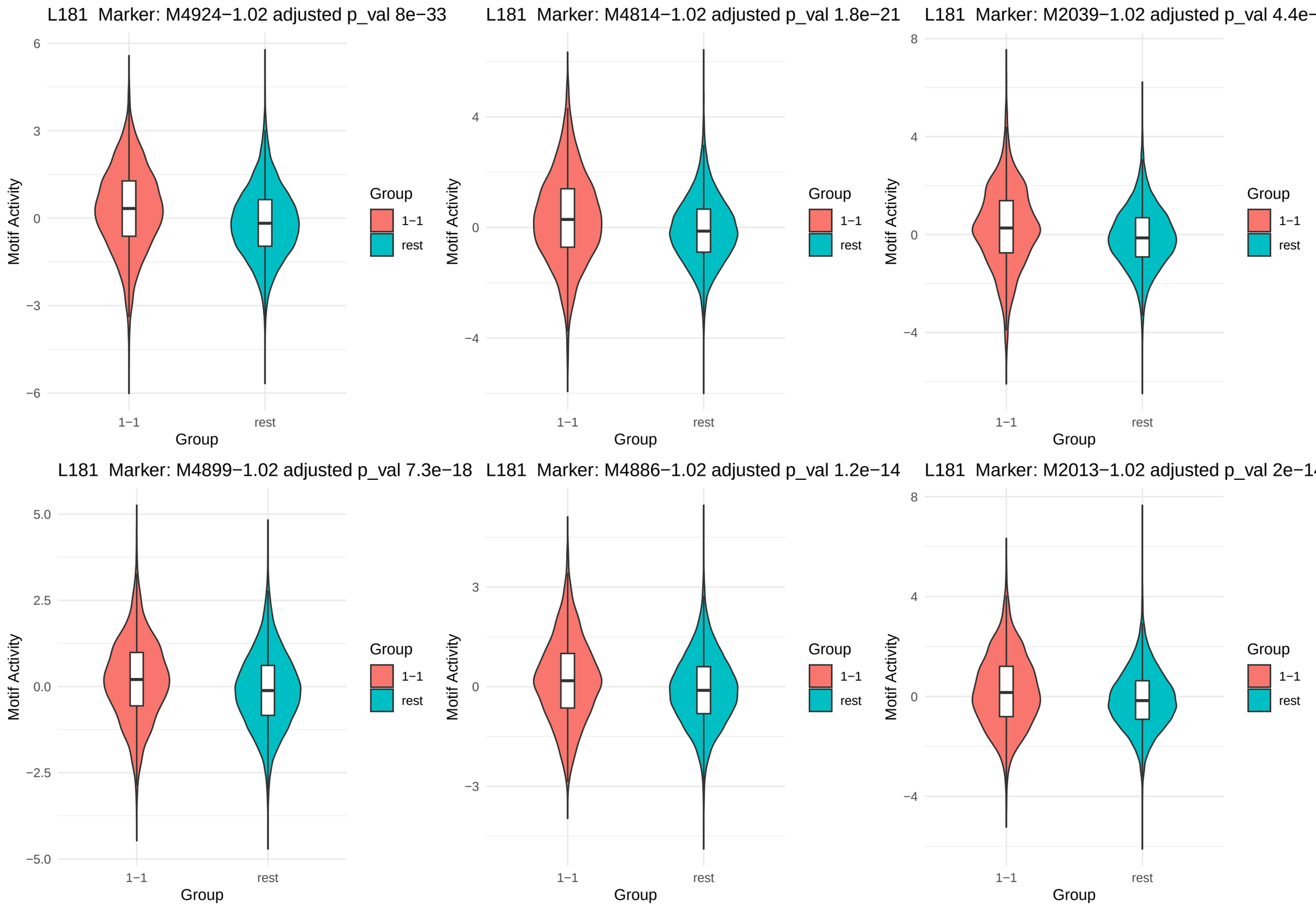

L176 Marker: M4924−1.02 adjusted p_val 4.3e−78
L176 Marker: M2039−1.02 adjusted p_val 1.2e−44
L176 Marker: M4938−1.02 adjusted p_val 1.1e−
L176 Marker: M1913−1.02 adjusted p_val 1.2e−41
L176 Marker: M2013−1.02 adjusted p_val 4.2e−35
L176 Marker: M4745−1.02 adjusted p_val 5.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

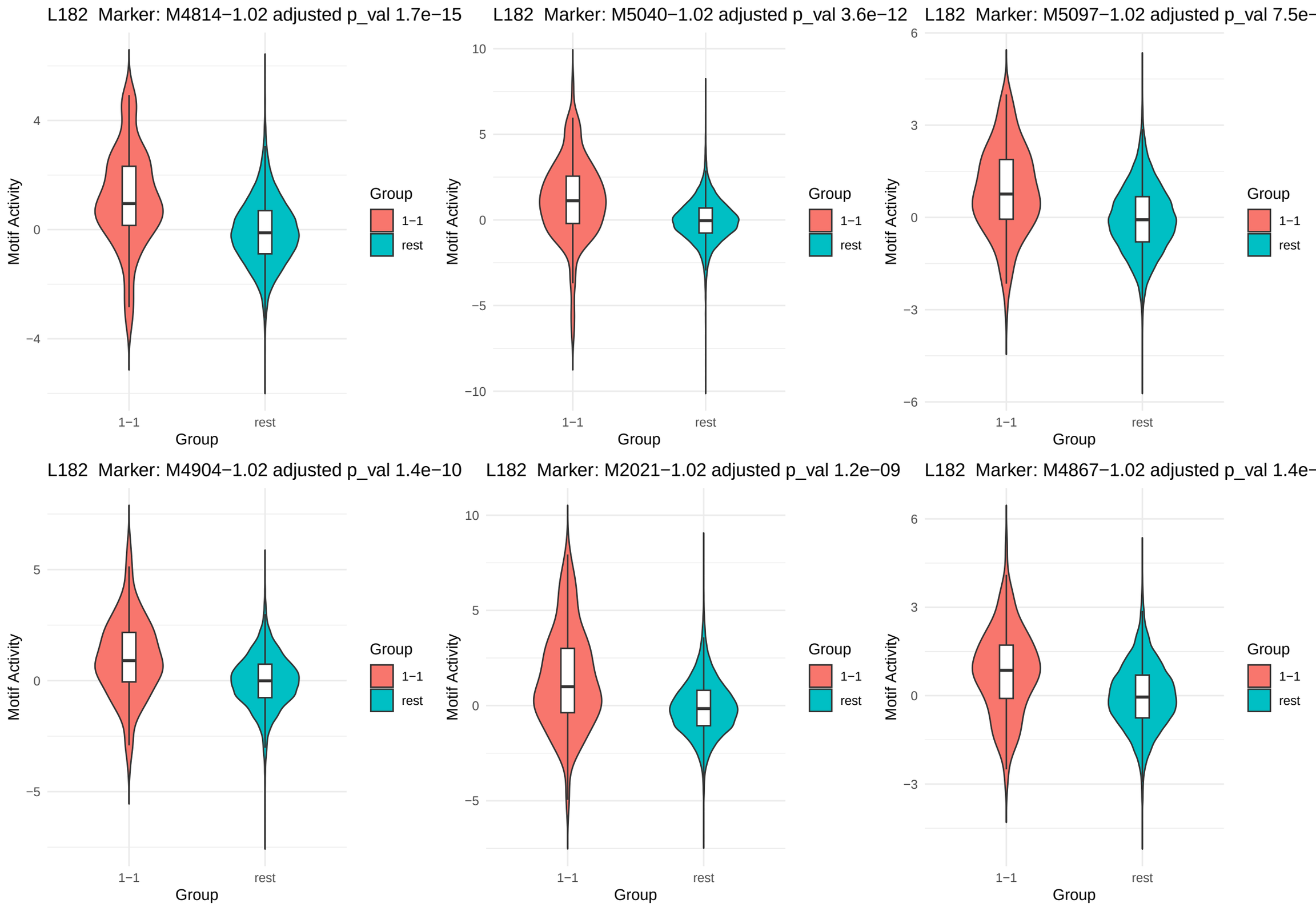

L177 Marker: M4924−1.02 adjusted p_val 4.2e−77
L177 Marker: M4899−1.02 adjusted p_val 1.4e−44
L177 Marker: M4886−1.02 adjusted p_val 4.9e−
L177 Marker: M2039−1.02 adjusted p_val 2.3e−34
L177 Marker: M2013−1.02 adjusted p_val 3.1e−33
L177 Marker: M1913−1.02 adjusted p_val 2.3e
Motif Activity
Group
1−1
rest
Group
1−1
rest

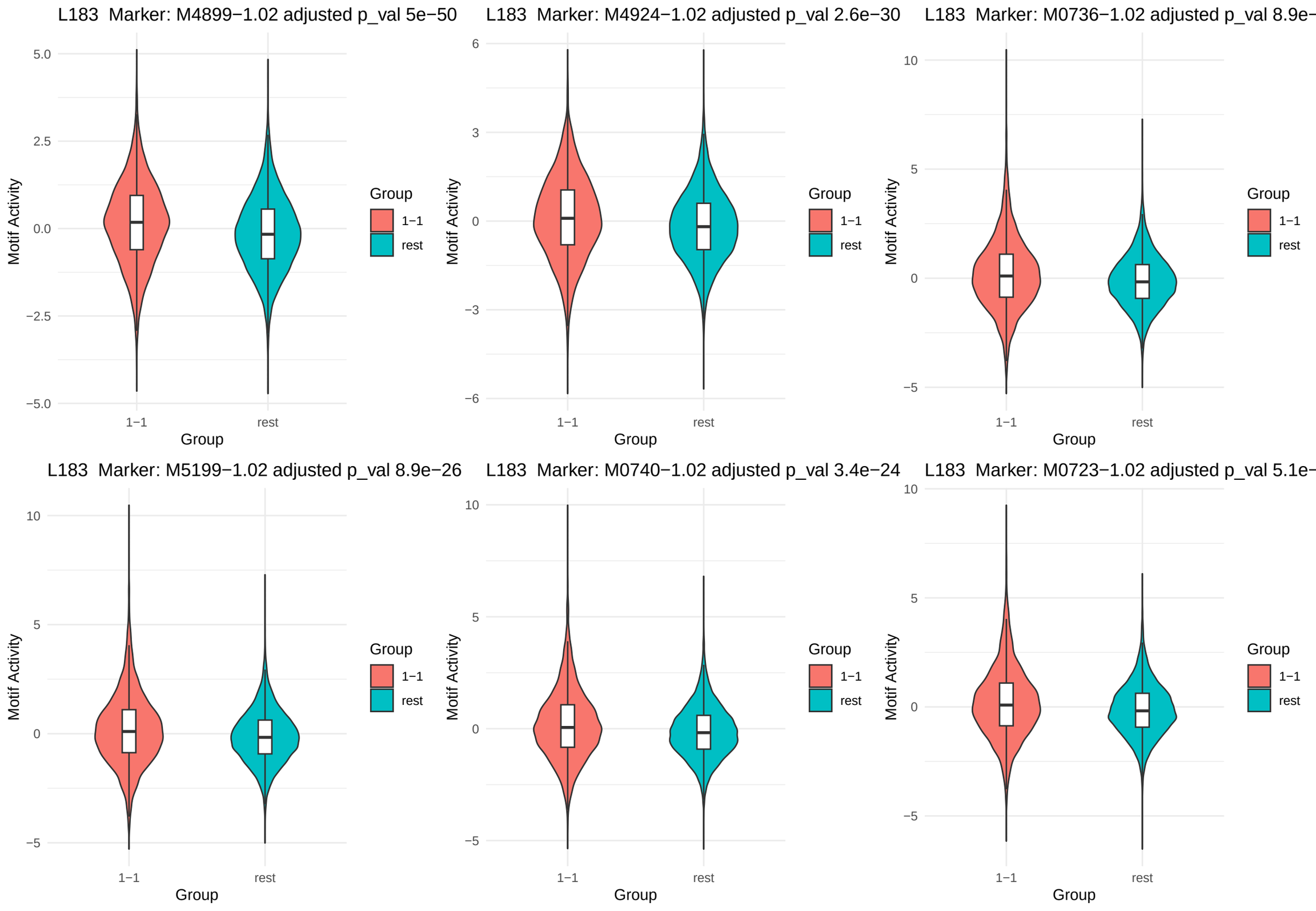

L178 Marker: M4924−1.02 adjusted p_val 2.4e−48
L178 Marker: M4899−1.02 adjusted p_val 4.1e−22
L178 Marker: M4938−1.02 adjusted p_val 1.1e−
L178 Marker: M2013−1.02 adjusted p_val 2.6e−17
L178 Marker: M1913−1.02 adjusted p_val 1.1e−15
L178 Marker: M2039−1.02 adjusted p_val 1.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

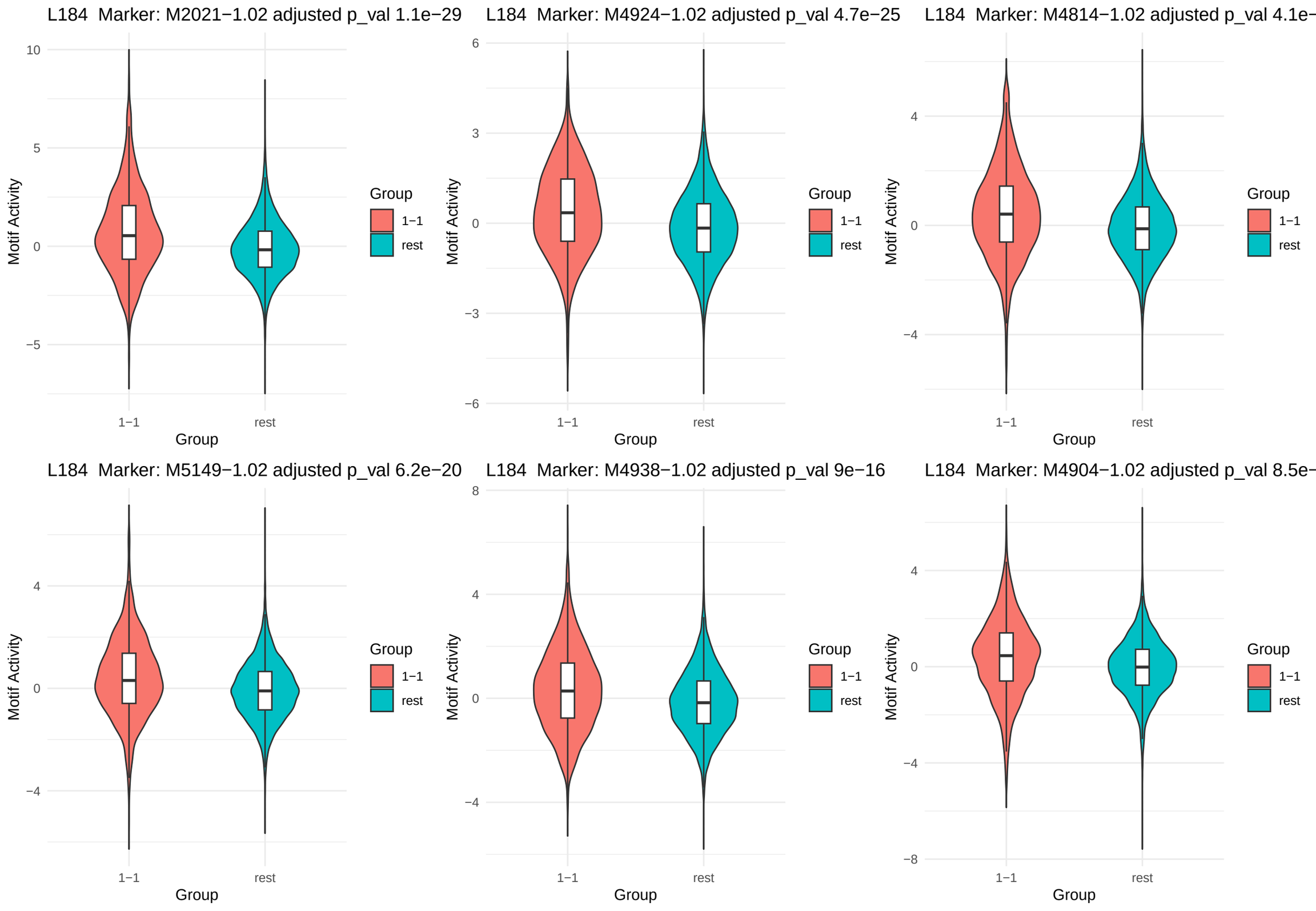

L179 Marker: M4924−1.02 adjusted p_val 7.5e−60
L179 Marker: M4899−1.02 adjusted p_val 9.8e−31
L179 Marker: M4886−1.02 adjusted p_val 5.9e−
L179 Marker: M1913−1.02 adjusted p_val 2.2e−26
L179 Marker: M4745−1.02 adjusted p_val 8.4e−26
L179 Marker: M5064−1.02 adjusted p_val 8.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

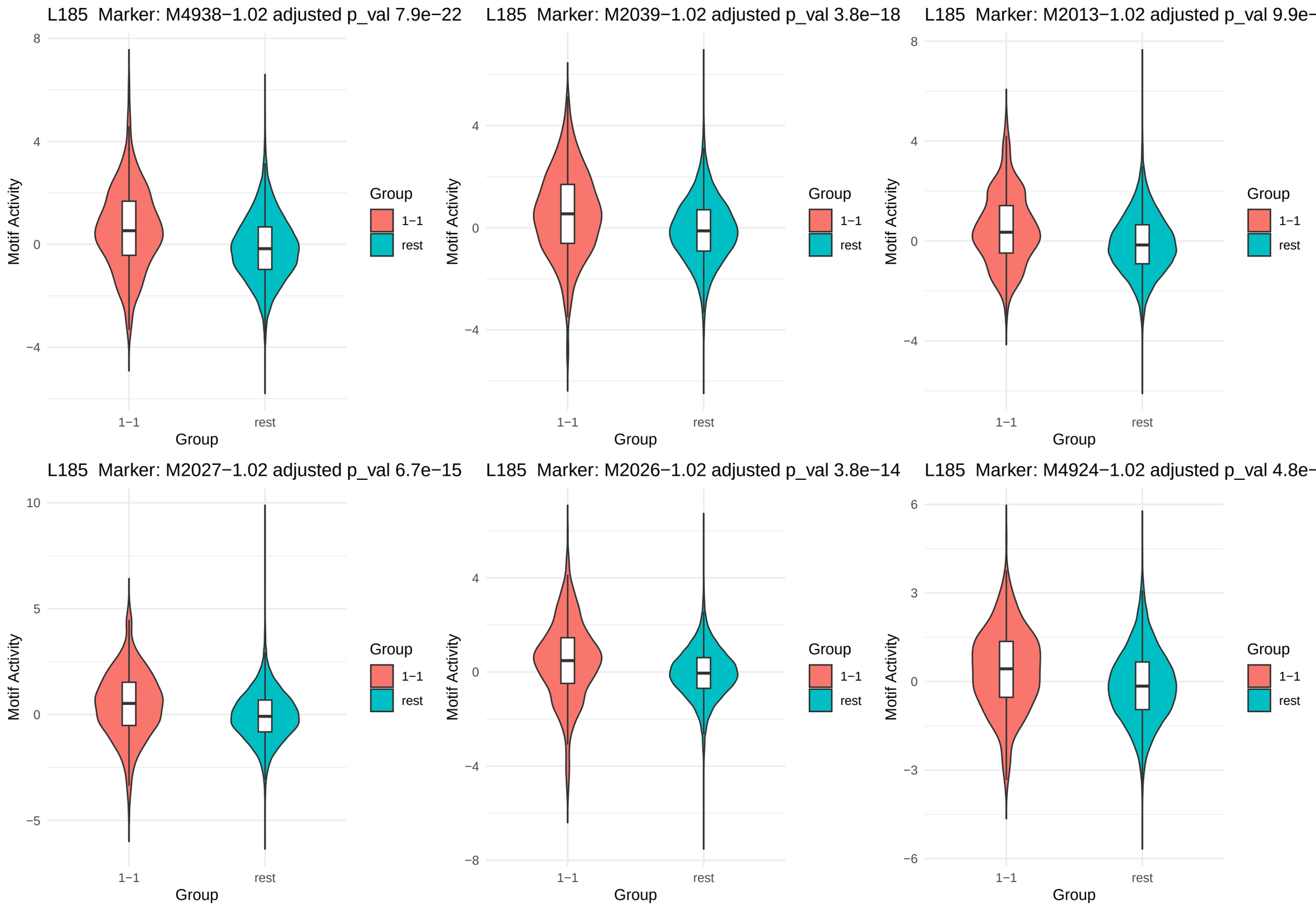

L180 Marker: M4924−1.02 adjusted p_val 1.2e−51
L180 Marker: M4899−1.02 adjusted p_val 3.1e−36
L180 Marker: M4886−1.02 adjusted p_val 1.2e−
L180 Marker: M2013−1.02 adjusted p_val 3.2e−20
L180 Marker: M4745−1.02 adjusted p_val 2.4e−19
L180 Marker: M5064−1.02 adjusted p_val 2.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

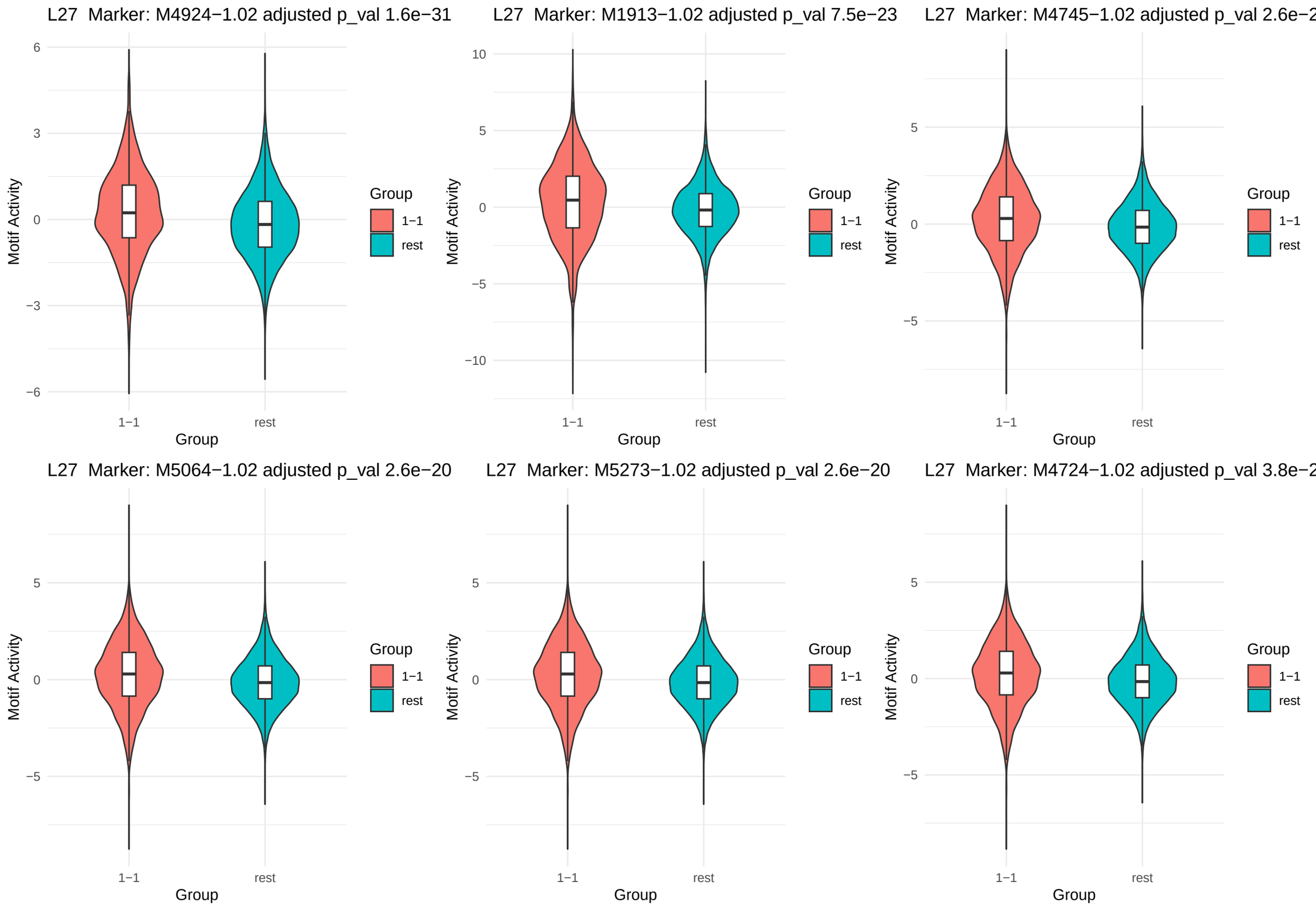

L181 Marker: M4924−1.02 adjusted p_val 8e−33
L181 Marker: M4814−1.02 adjusted p_val 1.8e−21
L181 Marker: M2039−1.02 adjusted p_val 4.4e−
L181 Marker: M4899−1.02 adjusted p_val 7.3e−18
L181 Marker: M4886−1.02 adjusted p_val 1.2e−14
L181 Marker: M2013−1.02 adjusted p_val 2e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

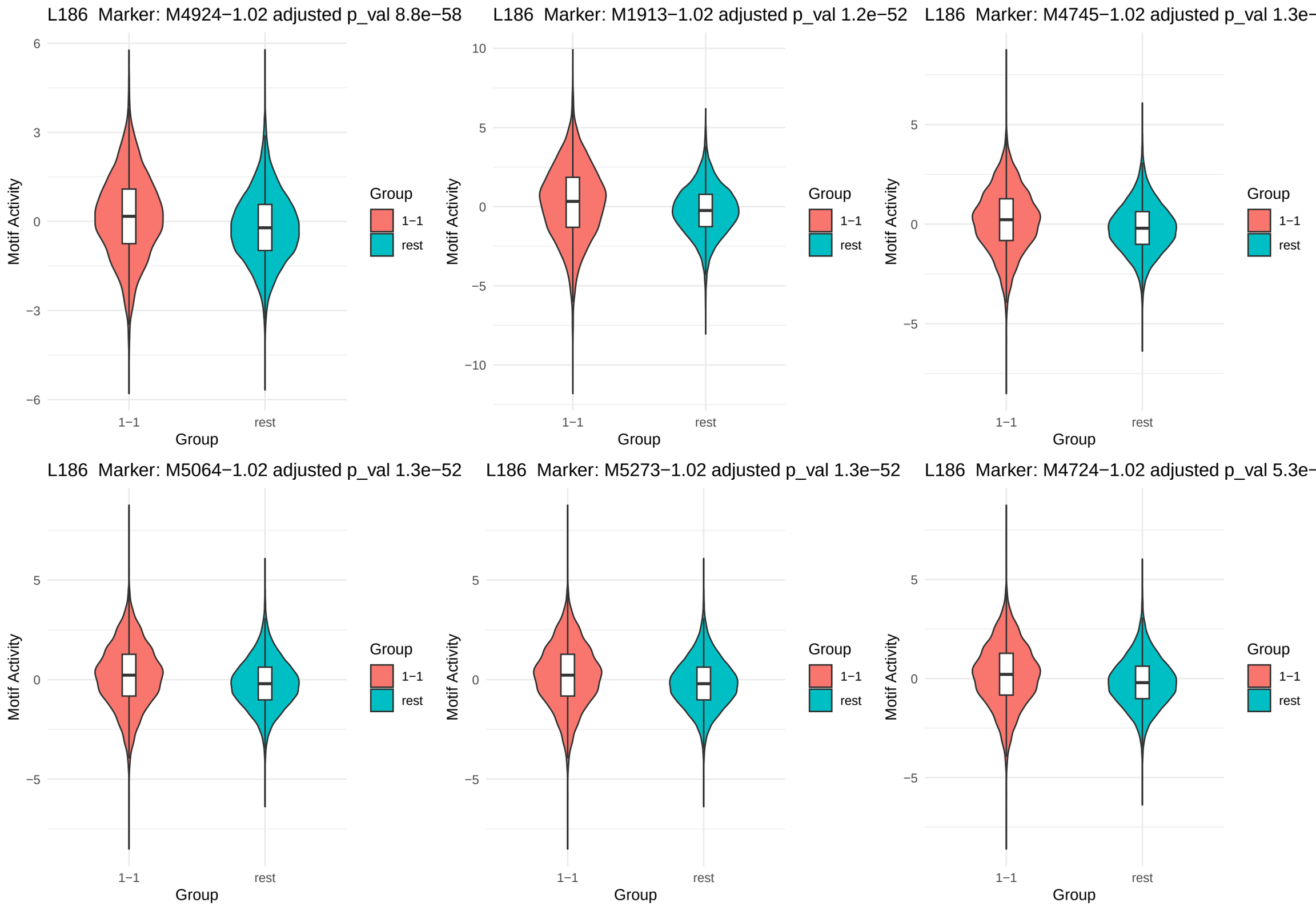

L182 Marker: M4814−1.02 adjusted p_val 1.7e−15
L182 Marker: M5040−1.02 adjusted p_val 3.6e−12
L182 Marker: M5097−1.02 adjusted p_val 7.5e−
L182 Marker: M4904−1.02 adjusted p_val 1.4e−10
L182 Marker: M2021−1.02 adjusted p_val 1.2e−09
L182 Marker: M4867−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

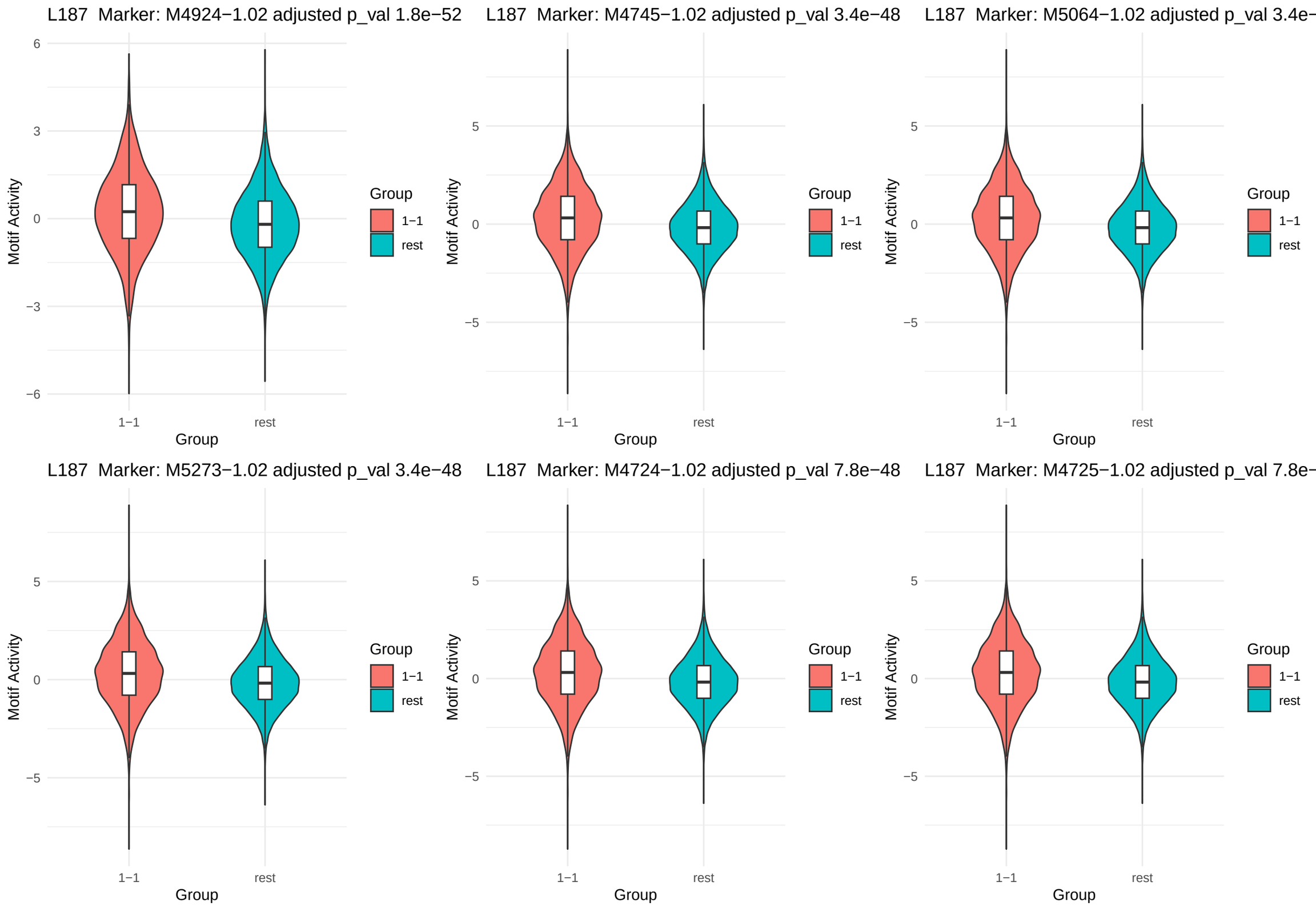

L183 Marker: M4899−1.02 adjusted p_val 5e−50
L183 Marker: M4924−1.02 adjusted p_val 2.6e−30
L183 Marker: M0736−1.02 adjusted p_val 8.9e−
L183 Marker: M5199−1.02 adjusted p_val 8.9e−26
L183 Marker: M0740−1.02 adjusted p_val 3.4e−24
L183 Marker: M0723−1.02 adjusted p_val 5.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

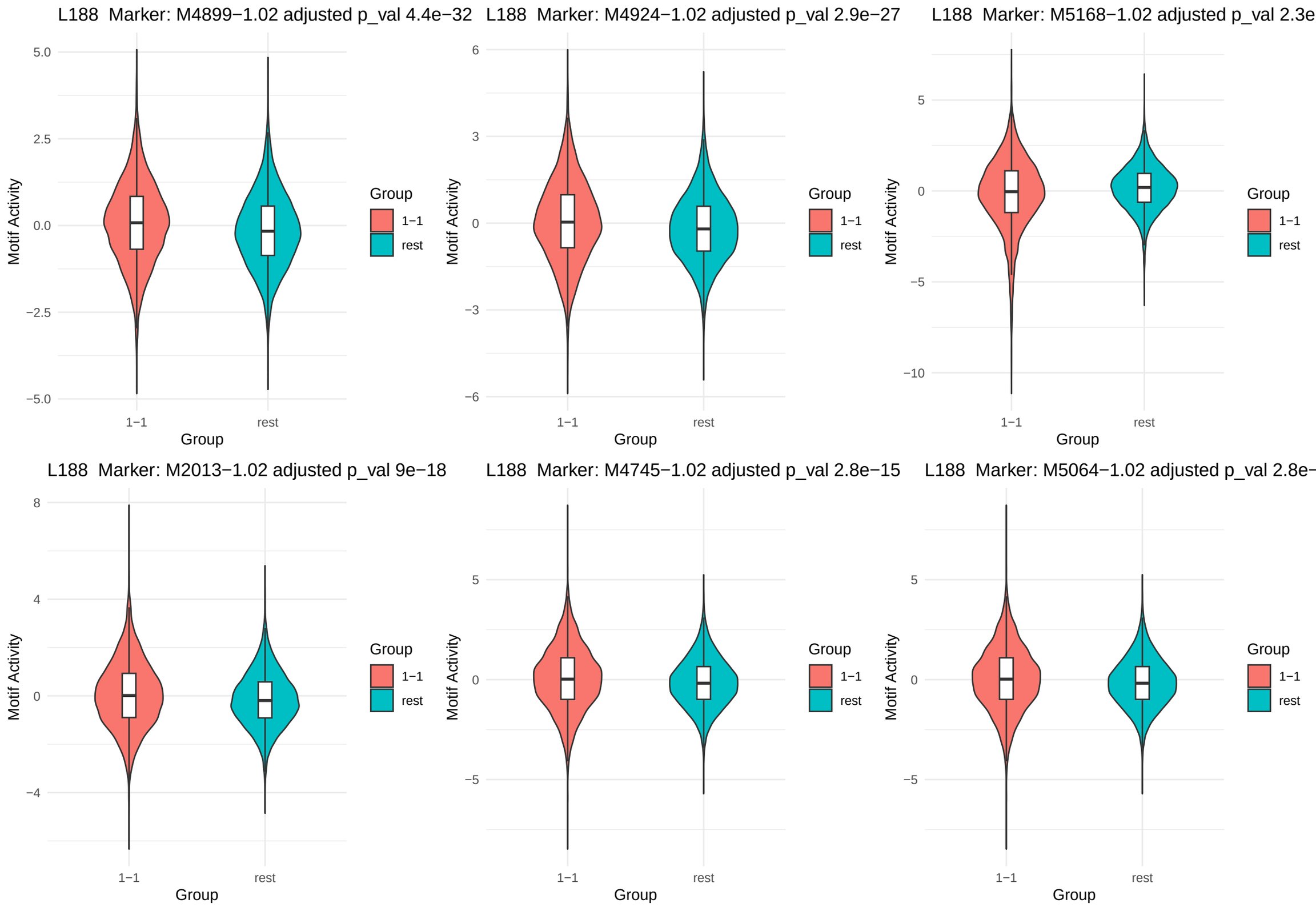

L184 Marker: M2021−1.02 adjusted p_val 1.1e−29
L184 Marker: M4924−1.02 adjusted p_val 4.7e−25
L184 Marker: M4814−1.02 adjusted p_val 4.1e−
L184 Marker: M5149−1.02 adjusted p_val 6.2e−20
L184 Marker: M4938−1.02 adjusted p_val 9e−16
L184 Marker: M4904−1.02 adjusted p_val 8.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

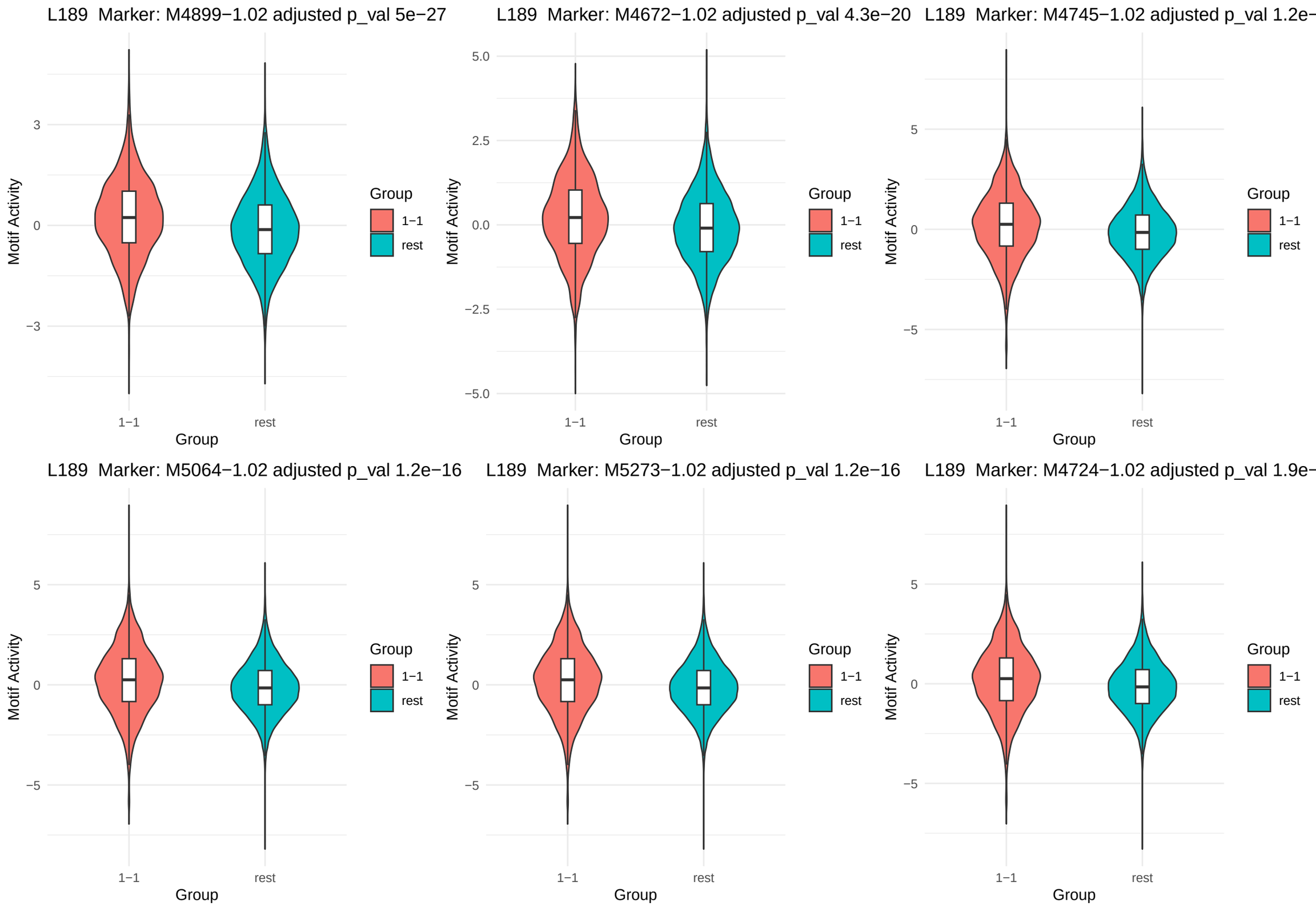

L185 Marker: M4938−1.02 adjusted p_val 7.9e−22
L185 Marker: M2039−1.02 adjusted p_val 3.8e−18
L185 Marker: M2013−1.02 adjusted p_val 9.9e−
L185 Marker: M2027−1.02 adjusted p_val 6.7e−15
L185 Marker: M2026−1.02 adjusted p_val 3.8e−14
L185 Marker: M4924−1.02 adjusted p_val 4.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

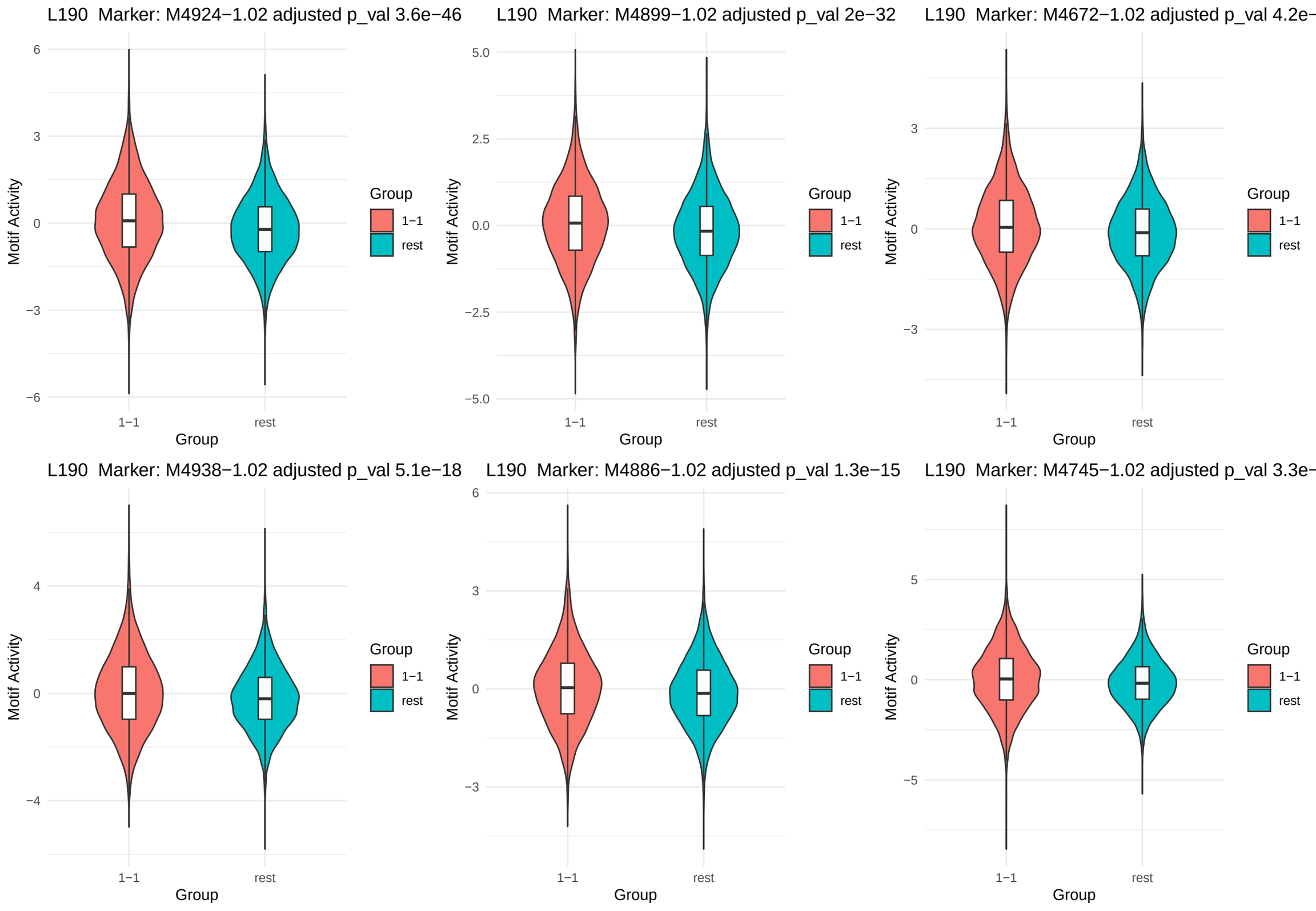

L27 Marker: M4924−1.02 adjusted p_val 1.6e−31
L27 Marker: M1913−1.02 adjusted p_val 7.5e−23
L27 Marker: M4745−1.02 adjusted p_val 2.6e−2
L27 Marker: M5064−1.02 adjusted p_val 2.6e−20
L27 Marker: M5273−1.02 adjusted p_val 2.6e−20
L27 Marker: M4724−1.02 adjusted p_val 3.8e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

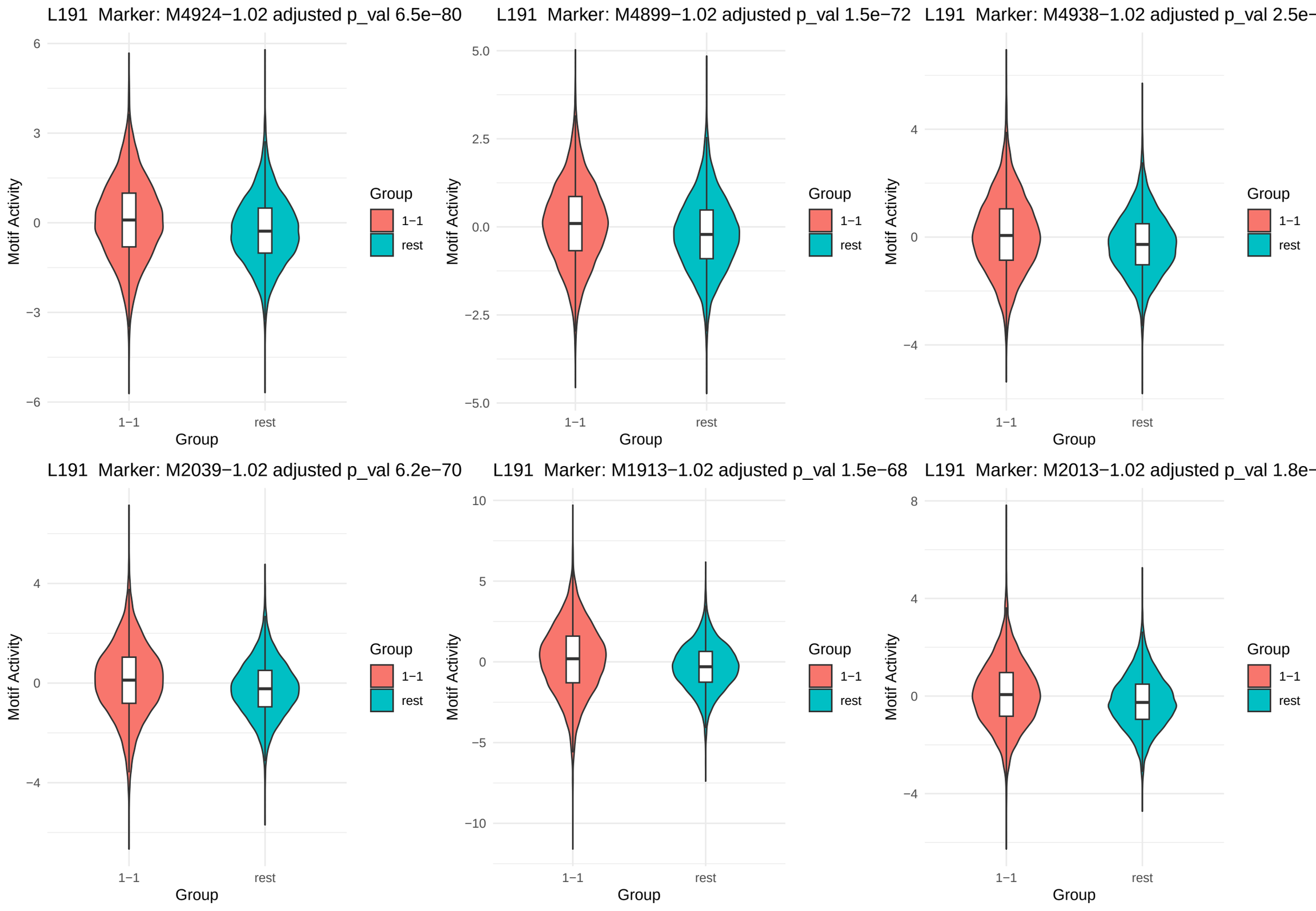

L186 Marker: M4924−1.02 adjusted p_val 8.8e−58
L186 Marker: M1913−1.02 adjusted p_val 1.2e−52
L186 Marker: M4745−1.02 adjusted p_val 1.3e−
L186 Marker: M5064−1.02 adjusted p_val 1.3e−52
L186 Marker: M5273−1.02 adjusted p_val 1.3e−52
L186 Marker: M4724−1.02 adjusted p_val 5.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

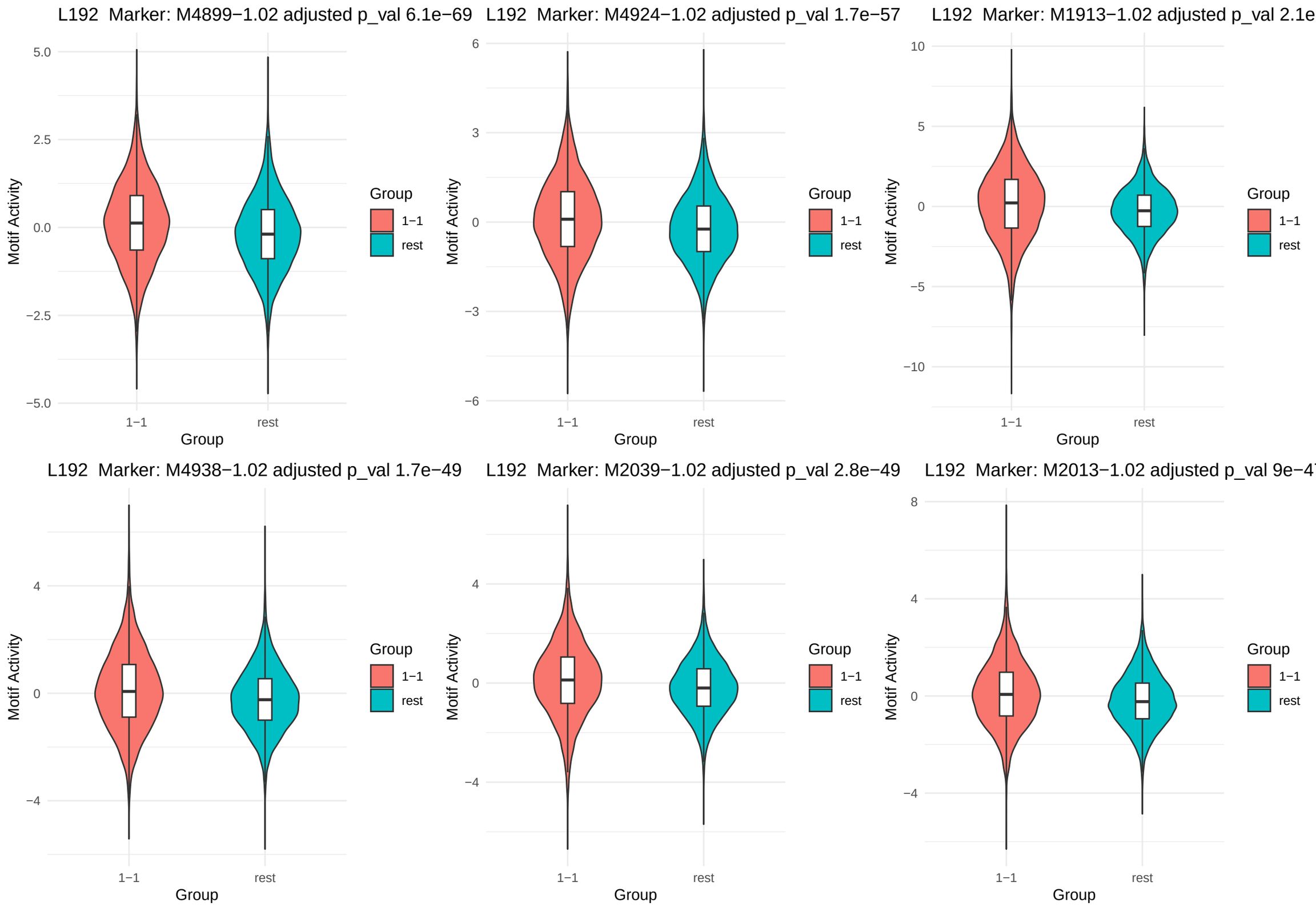

L187 Marker: M4924−1.02 adjusted p_val 1.8e−52
L187 Marker: M4745−1.02 adjusted p_val 3.4e−48
L187 Marker: M5064−1.02 adjusted p_val 3.4e−
L187 Marker: M5273−1.02 adjusted p_val 3.4e−48
L187 Marker: M4724−1.02 adjusted p_val 7.8e−48
L187 Marker: M4725−1.02 adjusted p_val 7.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

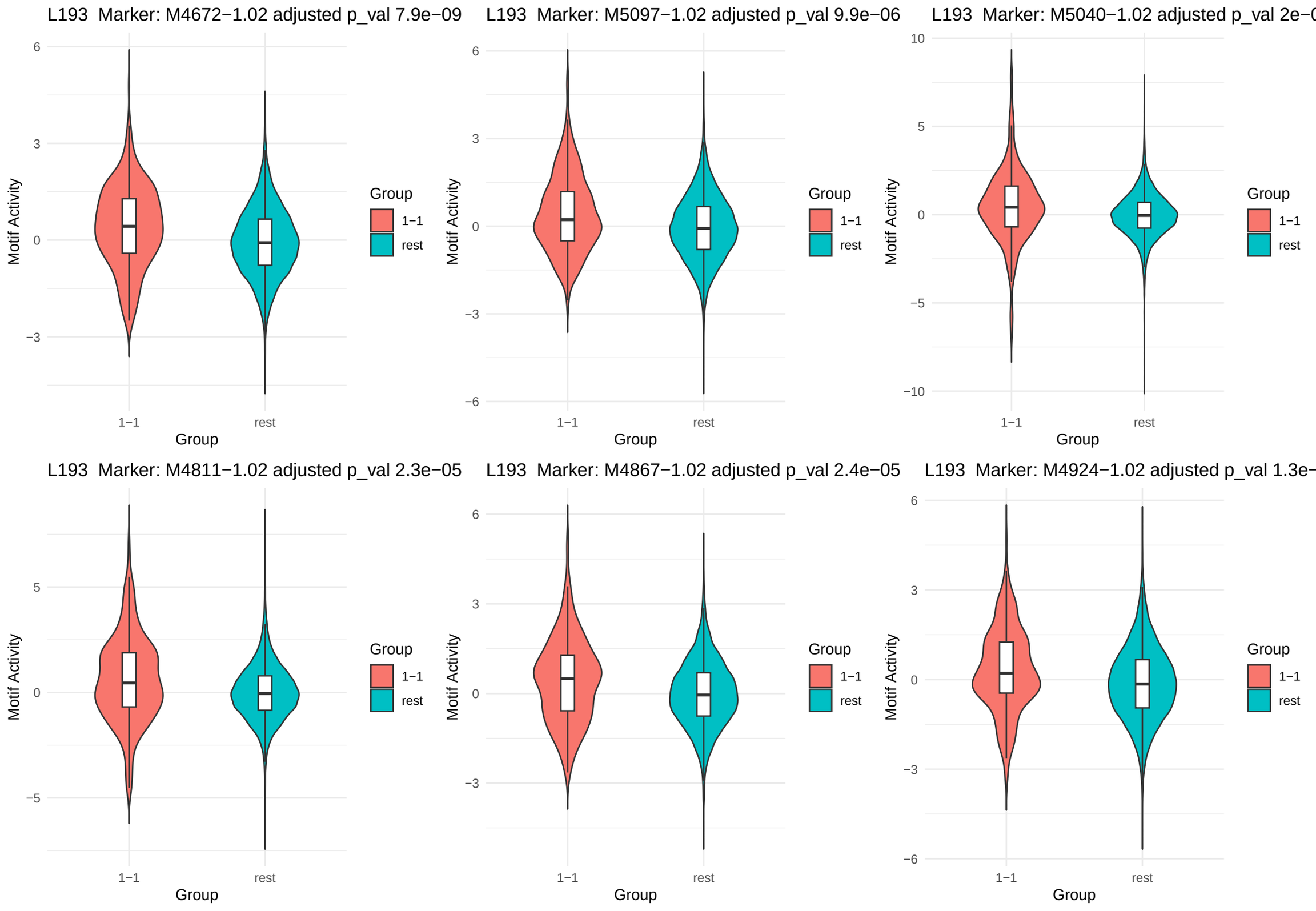

L188 Marker: M4899−1.02 adjusted p_val 4.4e−32
L188 Marker: M4924−1.02 adjusted p_val 2.9e−27
L188 Marker: M5168−1.02 adjusted p_val 2.3e
L188 Marker: M2013−1.02 adjusted p_val 9e−18
L188 Marker: M4745−1.02 adjusted p_val 2.8e−15
L188 Marker: M5064−1.02 adjusted p_val 2.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

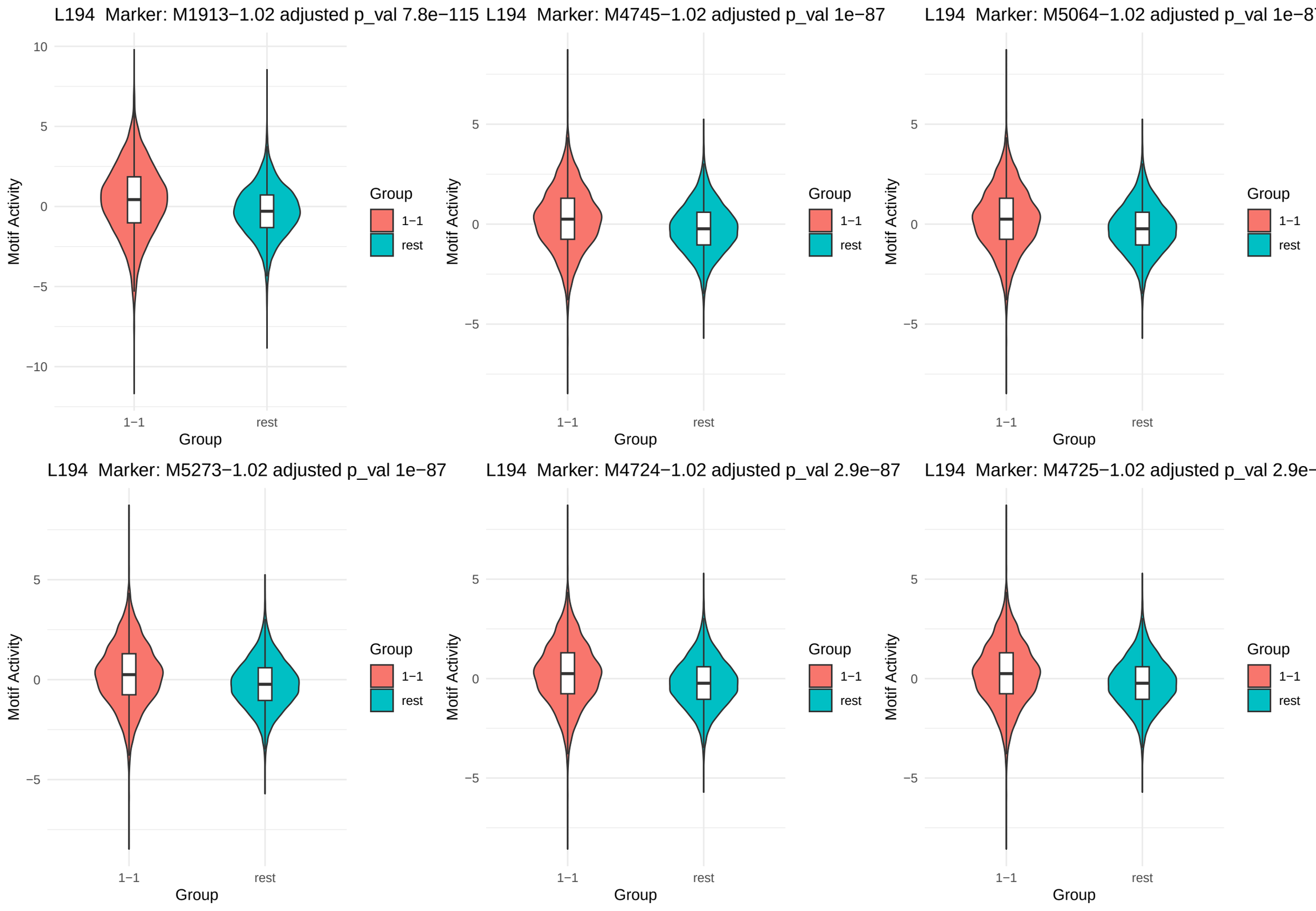

L189 Marker: M4899−1.02 adjusted p_val 5e−27
L189 Marker: M4672−1.02 adjusted p_val 4.3e−20
L189 Marker: M4745−1.02 adjusted p_val 1.2e−
L189 Marker: M5064−1.02 adjusted p_val 1.2e−16
L189 Marker: M5273−1.02 adjusted p_val 1.2e−16
L189 Marker: M4724−1.02 adjusted p_val 1.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

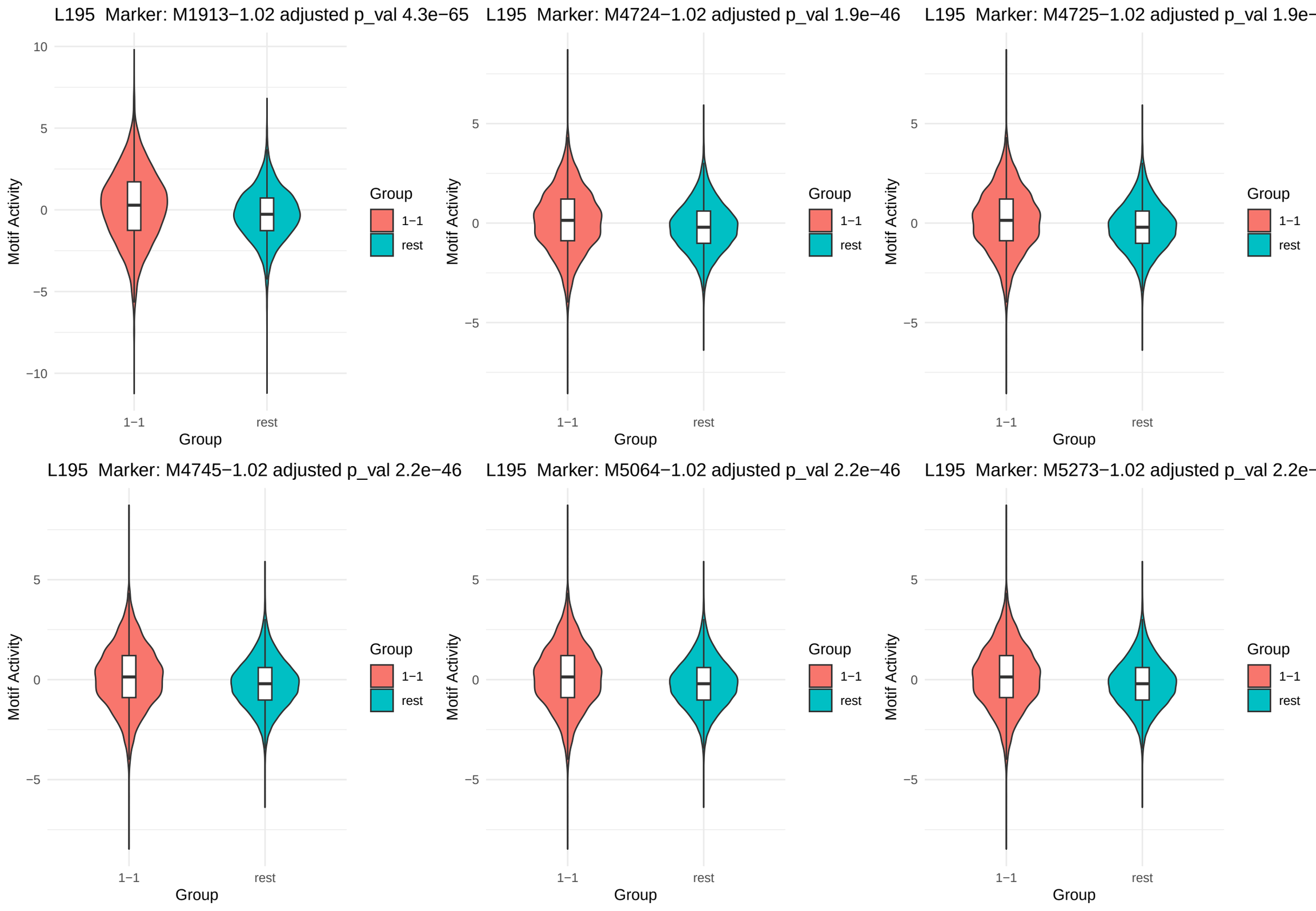

L190 Marker: M4924−1.02 adjusted p_val 3.6e−46
L190 Marker: M4899−1.02 adjusted p_val 2e−32
L190 Marker: M4672−1.02 adjusted p_val 4.2e−
L190 Marker: M4938−1.02 adjusted p_val 5.1e−18
L190 Marker: M4886−1.02 adjusted p_val 1.3e−15
L190 Marker: M4745−1.02 adjusted p_val 3.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

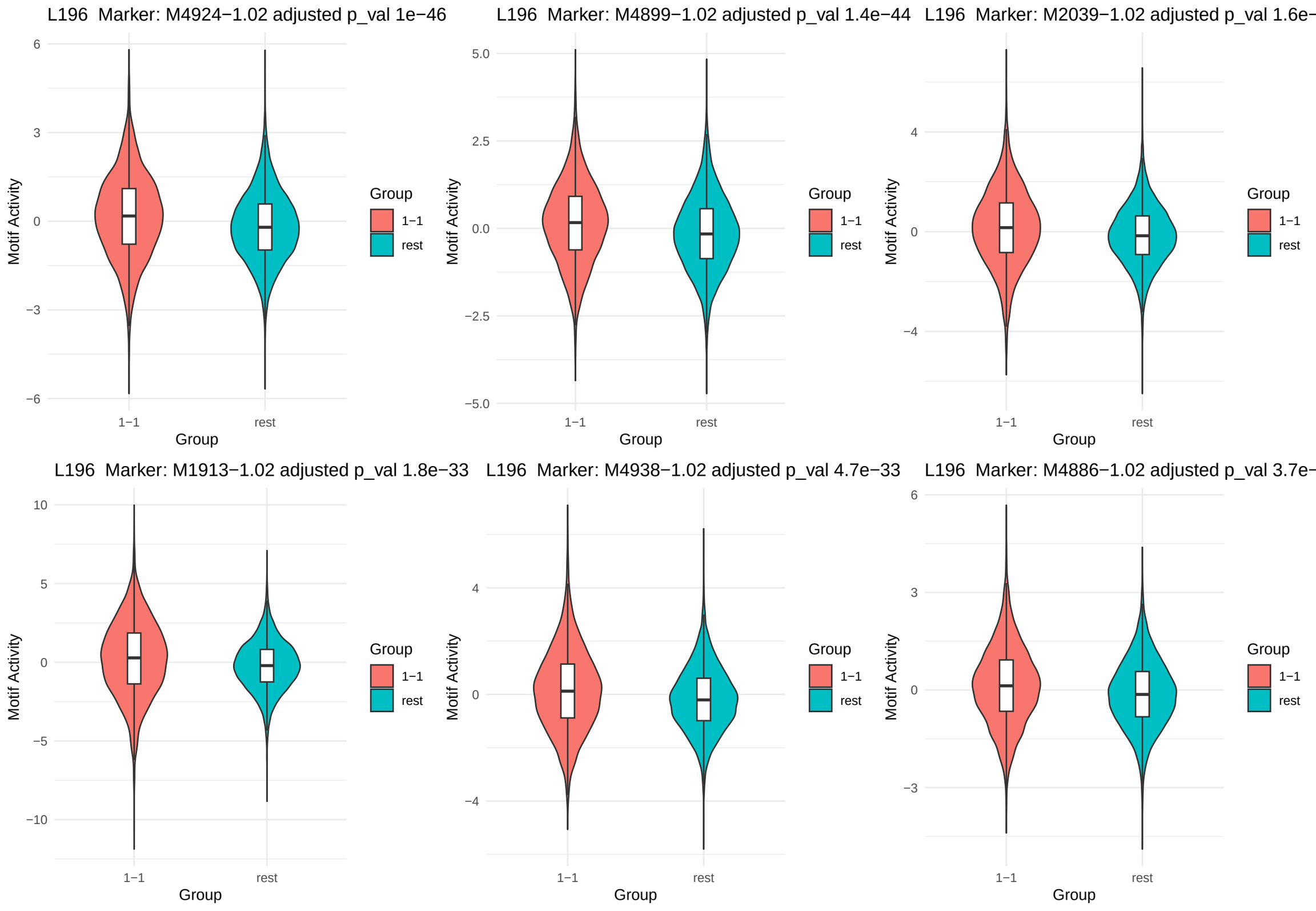

L191 Marker: M4924−1.02 adjusted p_val 6.5e−80
L191 Marker: M4899−1.02 adjusted p_val 1.5e−72
L191 Marker: M4938−1.02 adjusted p_val 2.5e−
L191 Marker: M2039−1.02 adjusted p_val 6.2e−70
L191 Marker: M1913−1.02 adjusted p_val 1.5e−68
L191 Marker: M2013−1.02 adjusted p_val 1.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

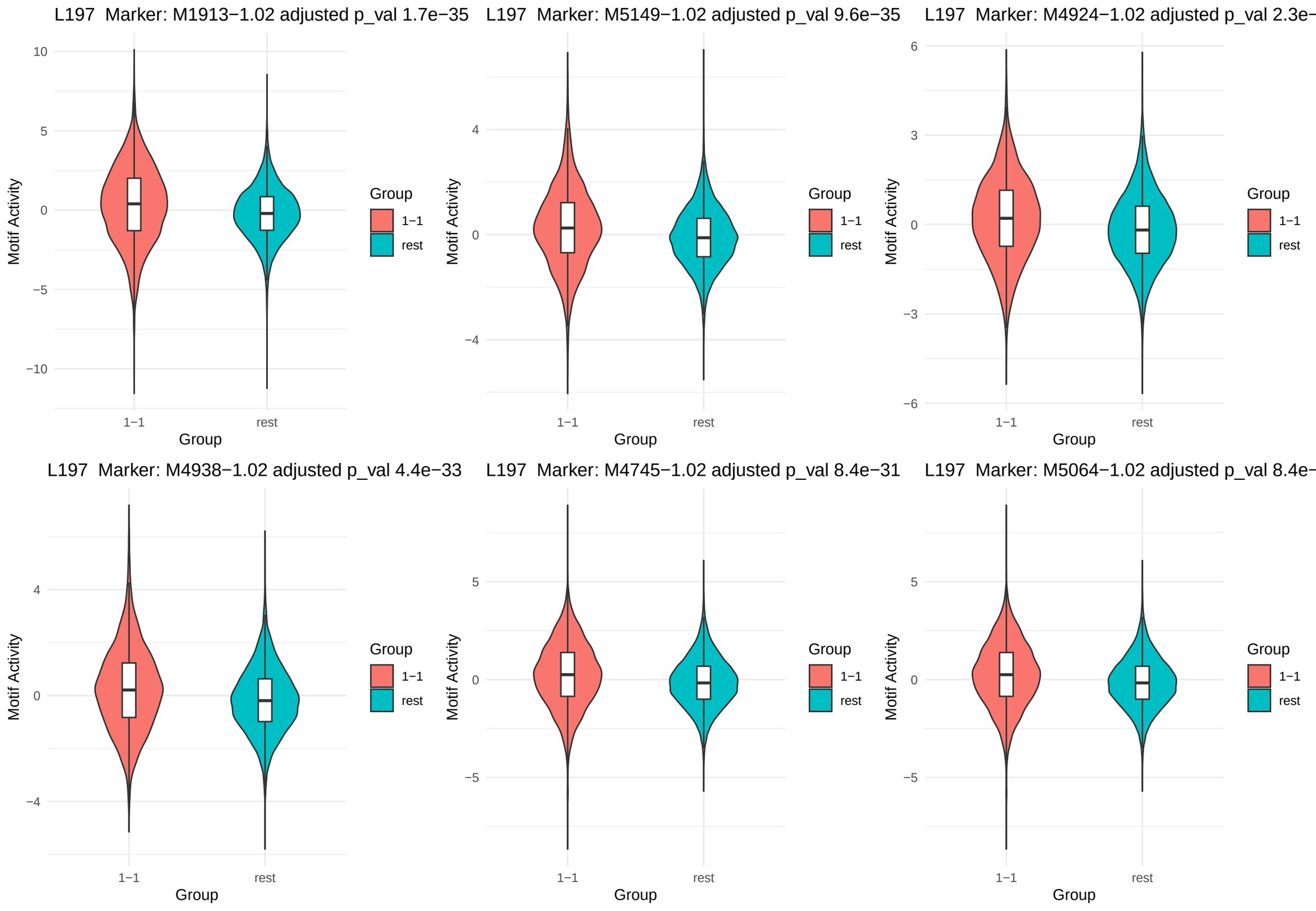

L192 Marker: M4899−1.02 adjusted p_val 6.1e−69
L192 Marker: M4924−1.02 adjusted p_val 1.7e−57
L192 Marker: M1913−1.02 adjusted p_val 2.1e
L192 Marker: M4938−1.02 adjusted p_val 1.7e−49
L192 Marker: M2039−1.02 adjusted p_val 2.8e−49
L192 Marker: M2013−1.02 adjusted p_val 9e−4
Motif Activity
Group
1−1
rest
Group
1−1
rest

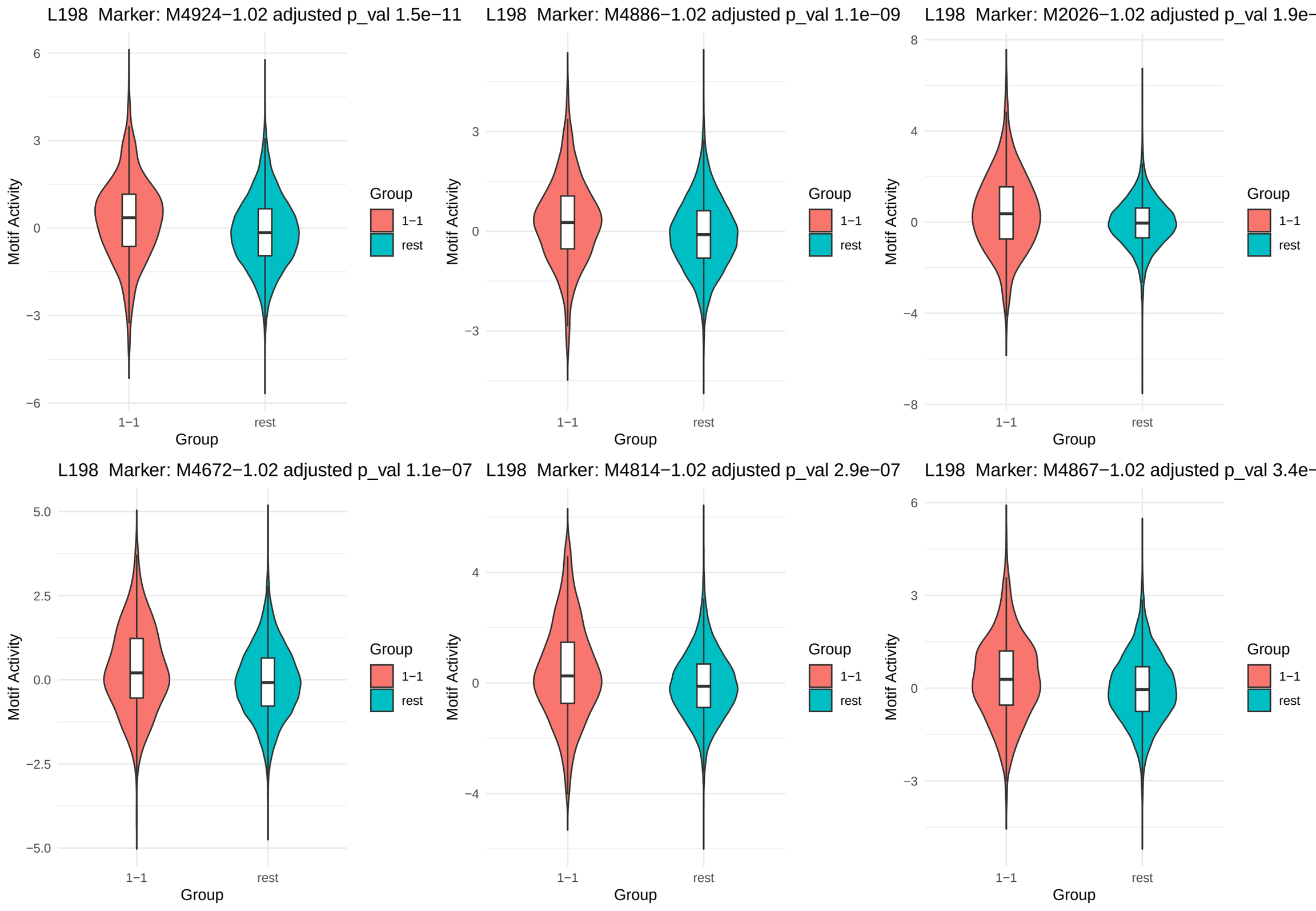

L193 Marker: M4672−1.02 adjusted p_val 7.9e−09
L193 Marker: M5097−1.02 adjusted p_val 9.9e−06
L193 Marker: M5040−1.02 adjusted p_val 2e−0
L193 Marker: M4811−1.02 adjusted p_val 2.3e−05
L193 Marker: M4867−1.02 adjusted p_val 2.4e−05
L193 Marker: M4924−1.02 adjusted p_val 1.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

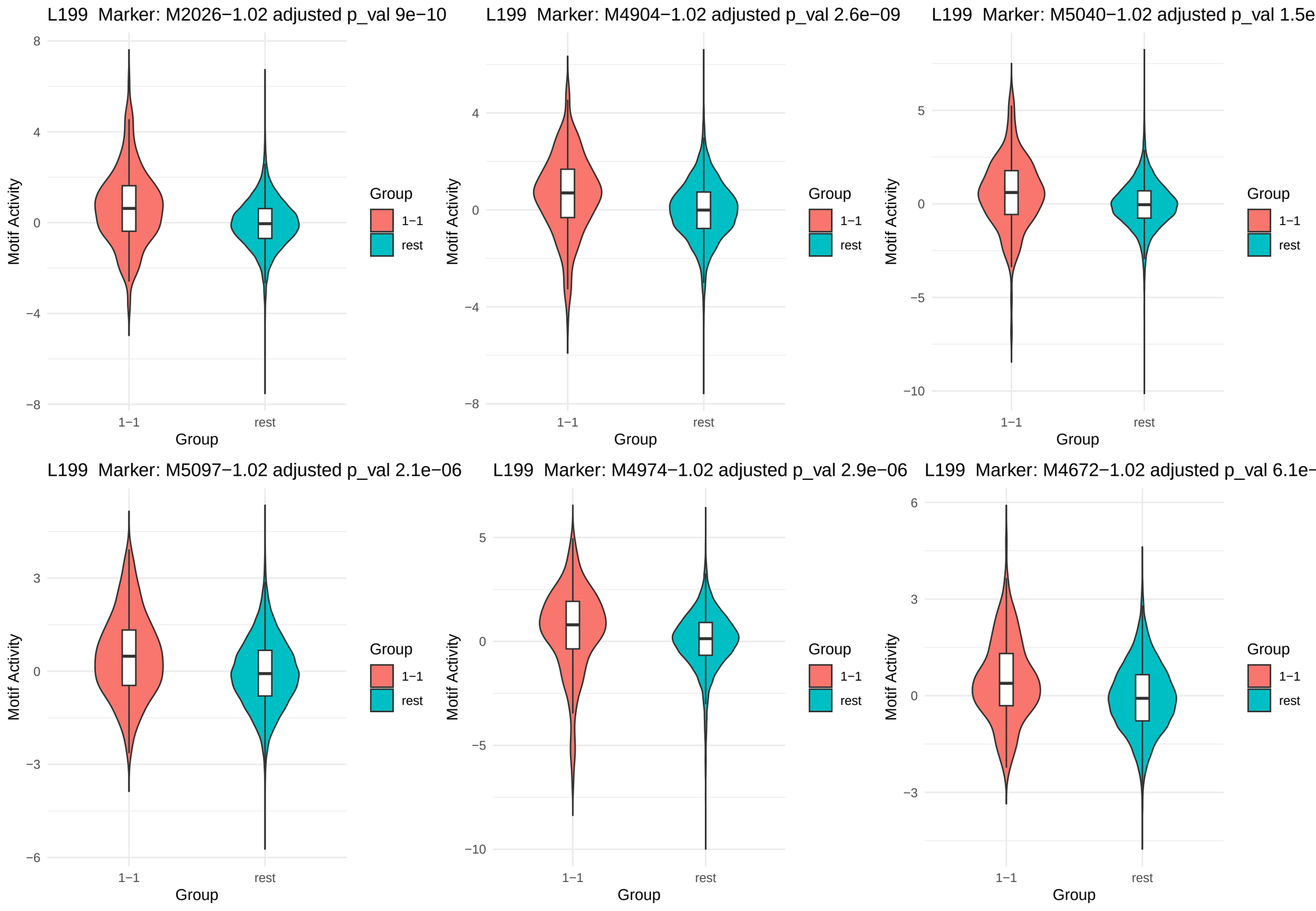

L194 Marker: M1913−1.02 adjusted p_val 7.8e−115
L194 Marker: M4745−1.02 adjusted p_val 1e−87
L194 Marker: M5064−1.02 adjusted p_val 1e−87
L194 Marker: M5273−1.02 adjusted p_val 1e−87
L194 Marker: M4724−1.02 adjusted p_val 2.9e−87
L194 Marker: M4725−1.02 adjusted p_val 2.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

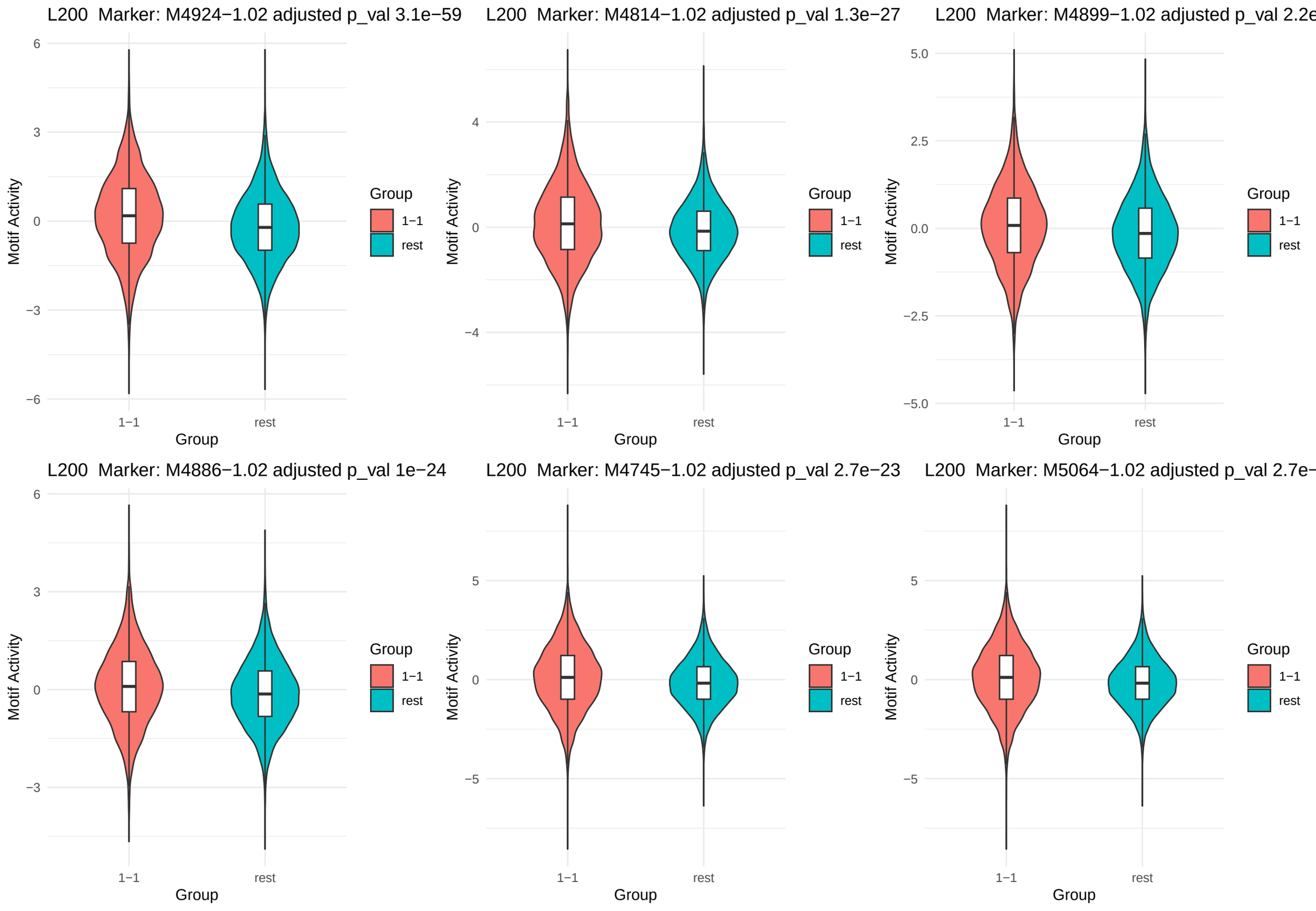

L195 Marker: M1913−1.02 adjusted p_val 4.3e−65
L195 Marker: M4724−1.02 adjusted p_val 1.9e−46
L195 Marker: M4725−1.02 adjusted p_val 1.9e−
L195 Marker: M4745−1.02 adjusted p_val 2.2e−46
L195 Marker: M5064−1.02 adjusted p_val 2.2e−46
L195 Marker: M5273−1.02 adjusted p_val 2.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

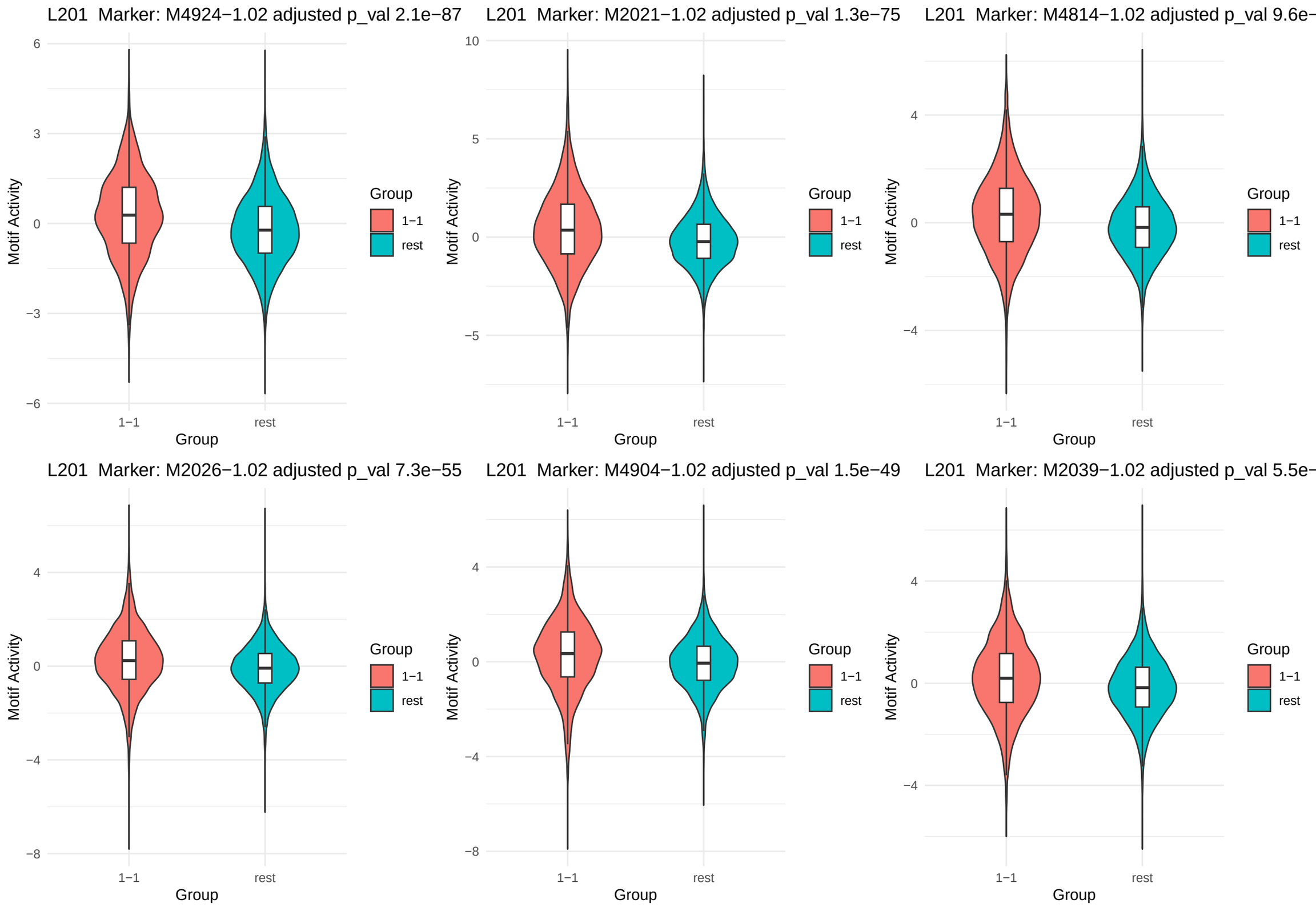

L196 Marker: M4924−1.02 adjusted p_val 1e−46
L196 Marker: M4899−1.02 adjusted p_val 1.4e−44
L196 Marker: M2039−1.02 adjusted p_val 1.6e−
L196 Marker: M1913−1.02 adjusted p_val 1.8e−33
L196 Marker: M4938−1.02 adjusted p_val 4.7e−33
L196 Marker: M4886−1.02 adjusted p_val 3.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

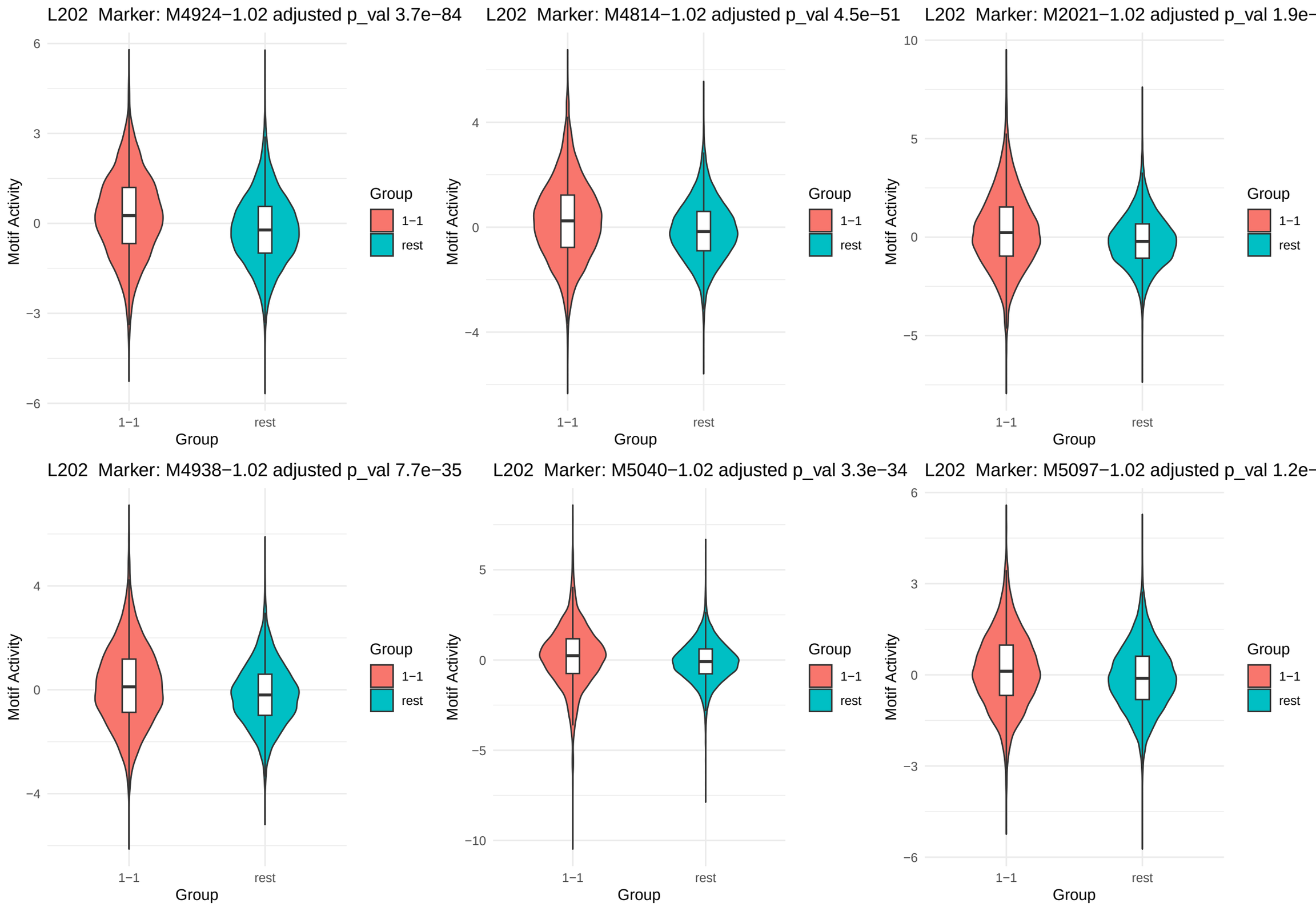

L197 Marker: M1913−1.02 adjusted p_val 1.7e−35
L197 Marker: M5149−1.02 adjusted p_val 9.6e−35
L197 Marker: M4924−1.02 adjusted p_val 2.3e−
L197 Marker: M4938−1.02 adjusted p_val 4.4e−33
L197 Marker: M4745−1.02 adjusted p_val 8.4e−31
L197 Marker: M5064−1.02 adjusted p_val 8.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

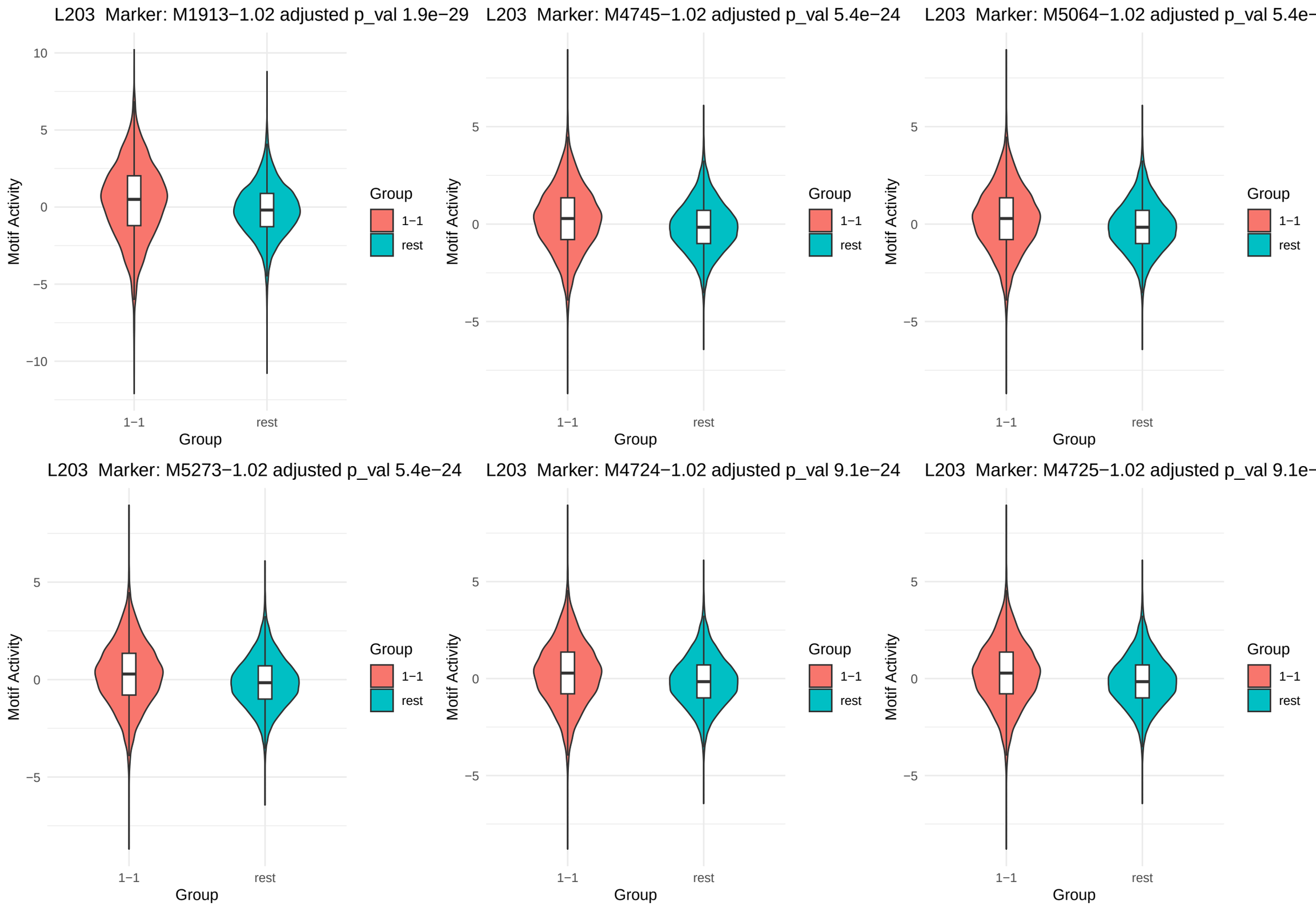

L198 Marker: M4924−1.02 adjusted p_val 1.5e−11
L198 Marker: M4886−1.02 adjusted p_val 1.1e−09
L198 Marker: M2026−1.02 adjusted p_val 1.9e−
L198 Marker: M4672−1.02 adjusted p_val 1.1e−07
L198 Marker: M4814−1.02 adjusted p_val 2.9e−07
L198 Marker: M4867−1.02 adjusted p_val 3.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

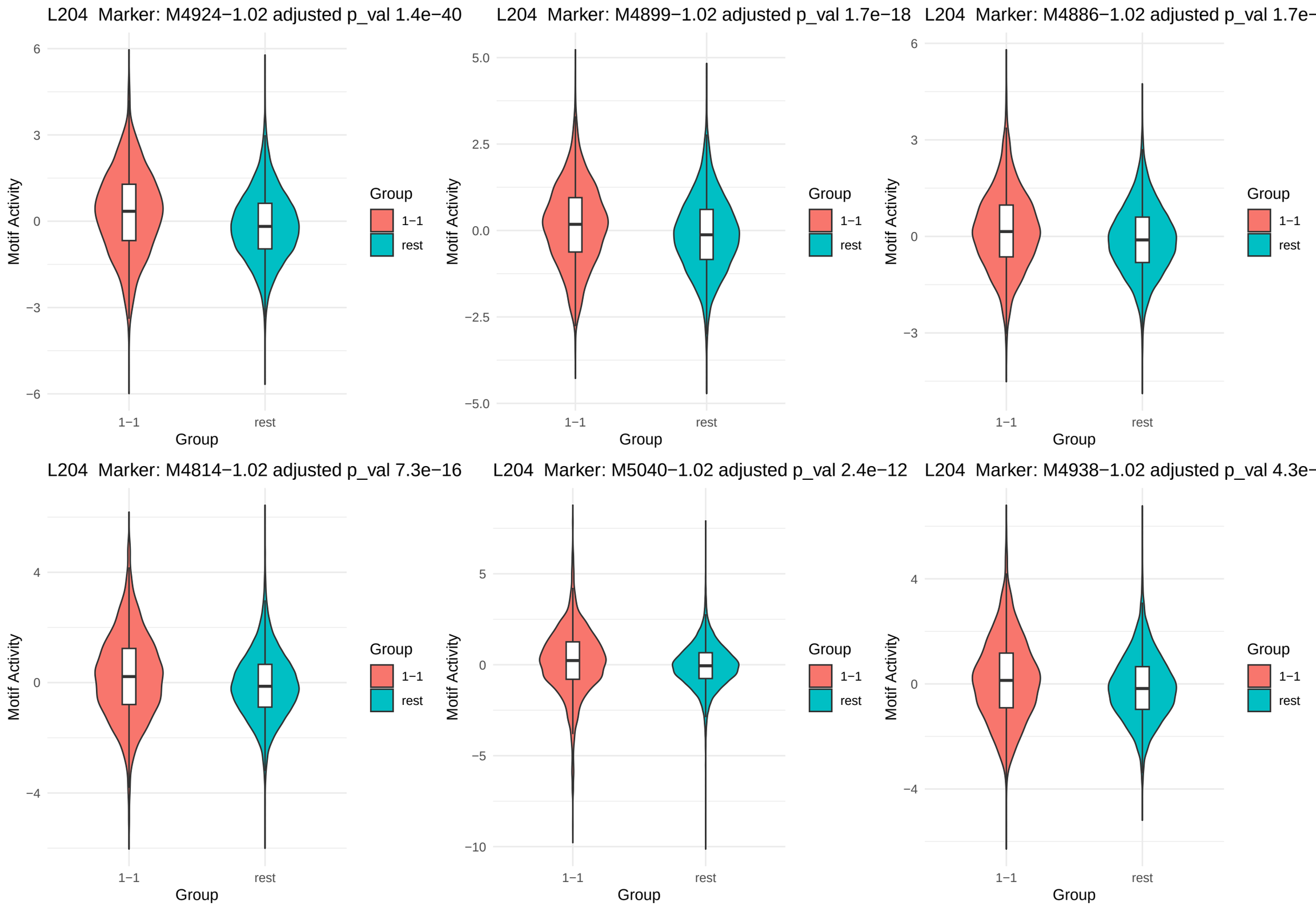

L199 Marker: M2026−1.02 adjusted p_val 9e−10
L199 Marker: M4904−1.02 adjusted p_val 2.6e−09
L199 Marker: M5040−1.02 adjusted p_val 1.5e
L199 Marker: M5097−1.02 adjusted p_val 2.1e−06
L199 Marker: M4974−1.02 adjusted p_val 2.9e−06
L199 Marker: M4672−1.02 adjusted p_val 6.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

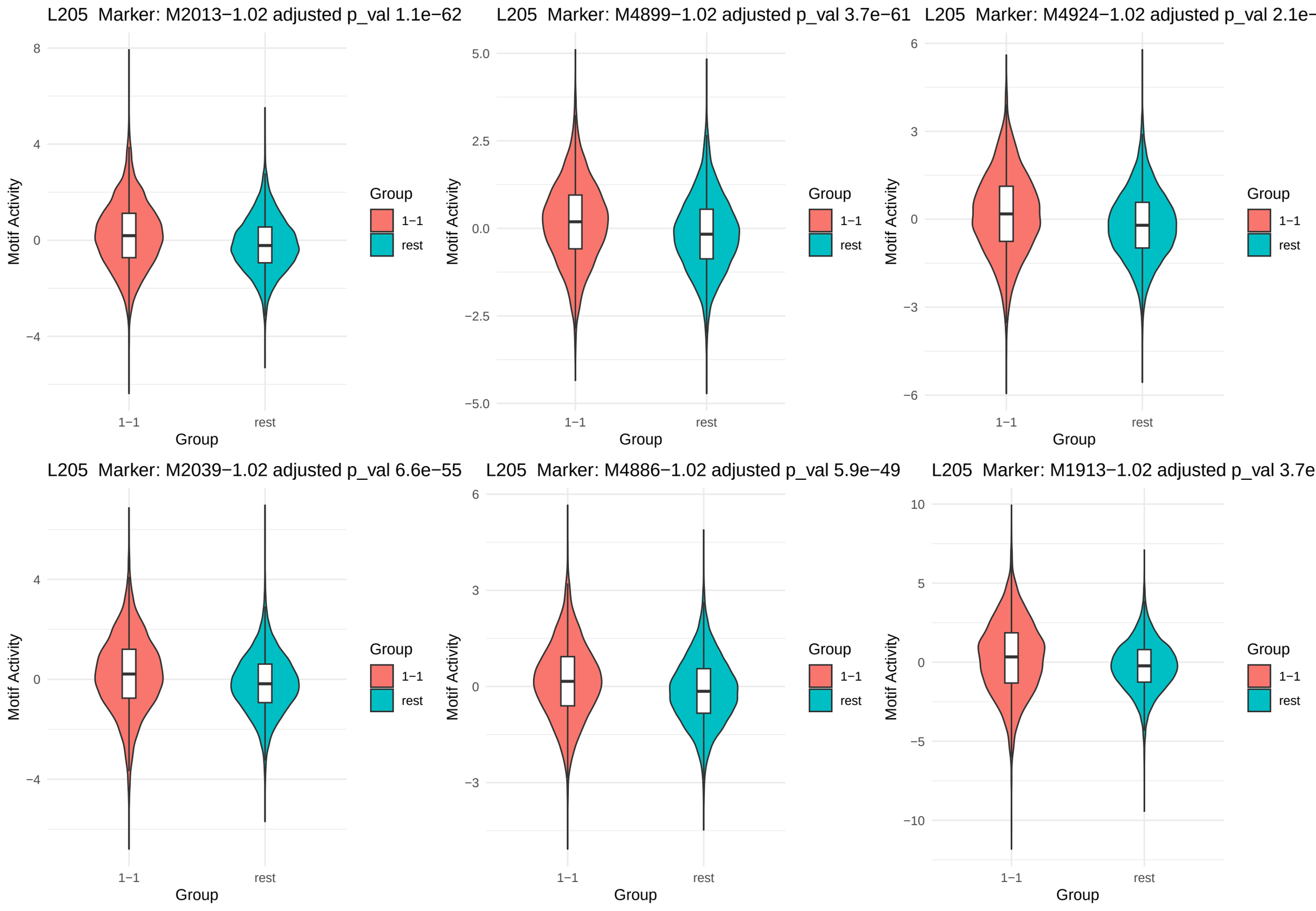

L200 Marker: M4924−1.02 adjusted p_val 3.1e−59
L200 Marker: M4814−1.02 adjusted p_val 1.3e−27
L200 Marker: M4899−1.02 adjusted p_val 2.2e
L200 Marker: M4886−1.02 adjusted p_val 1e−24
L200 Marker: M4745−1.02 adjusted p_val 2.7e−23
L200 Marker: M5064−1.02 adjusted p_val 2.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

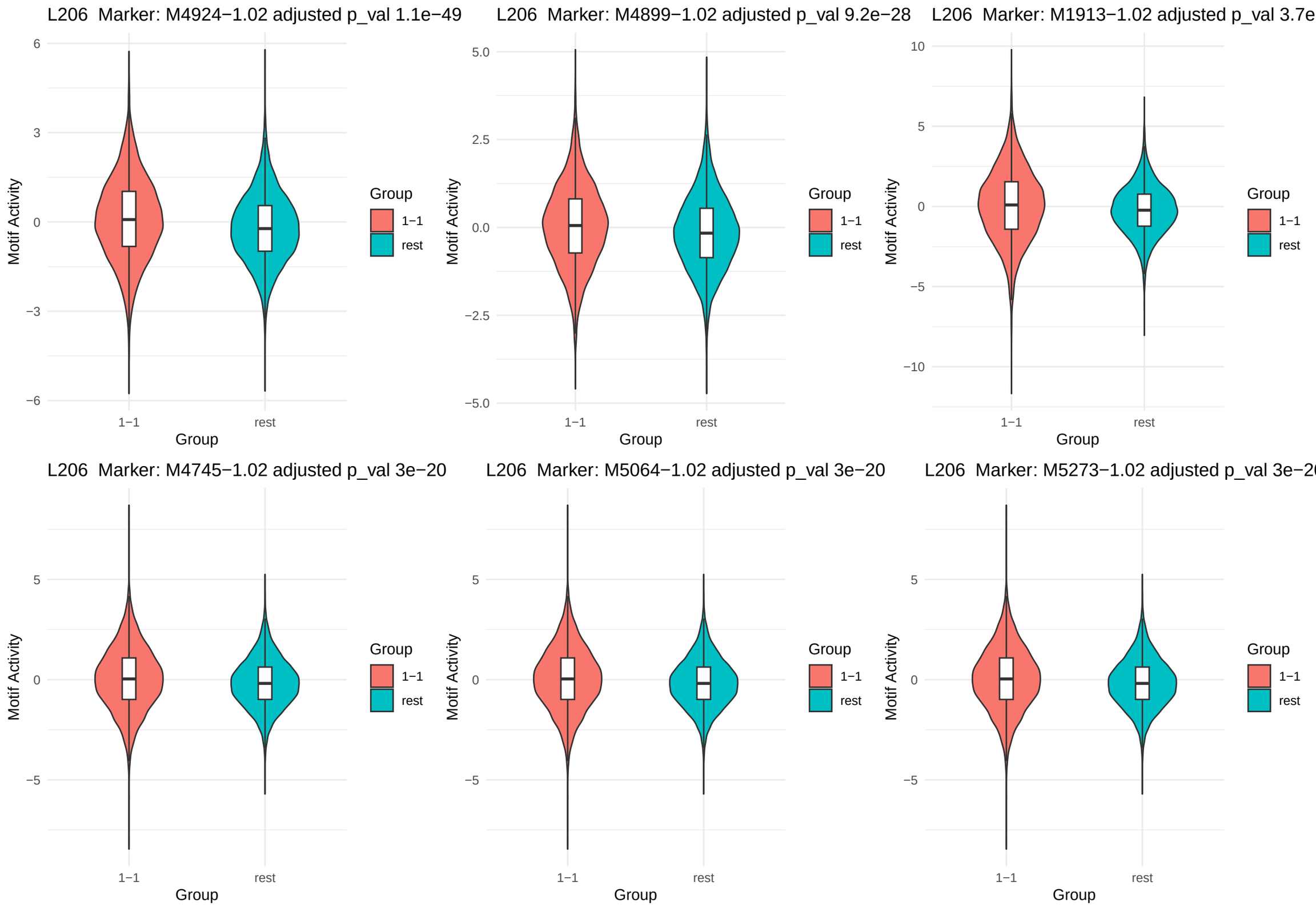

L201 Marker: M4924−1.02 adjusted p_val 2.1e−87
L201 Marker: M2021−1.02 adjusted p_val 1.3e−75
L201 Marker: M4814−1.02 adjusted p_val 9.6e−
L201 Marker: M2026−1.02 adjusted p_val 7.3e−55
L201 Marker: M4904−1.02 adjusted p_val 1.5e−49
L201 Marker: M2039−1.02 adjusted p_val 5.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

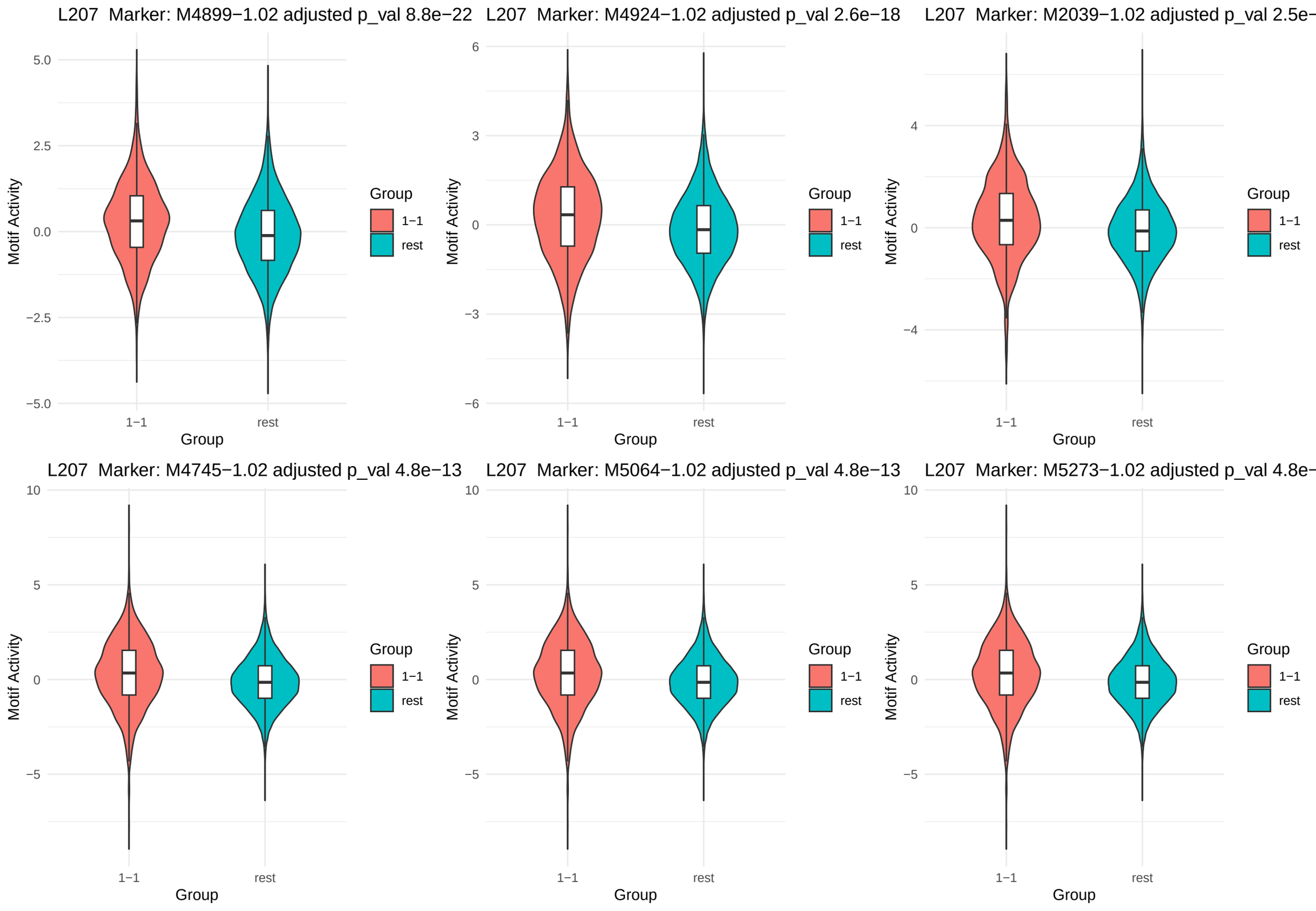

L202 Marker: M4924−1.02 adjusted p_val 3.7e−84
L202 Marker: M4814−1.02 adjusted p_val 4.5e−51
L202 Marker: M2021−1.02 adjusted p_val 1.9e−
L202 Marker: M4938−1.02 adjusted p_val 7.7e−35
L202 Marker: M5040−1.02 adjusted p_val 3.3e−34
L202 Marker: M5097−1.02 adjusted p_val 1.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

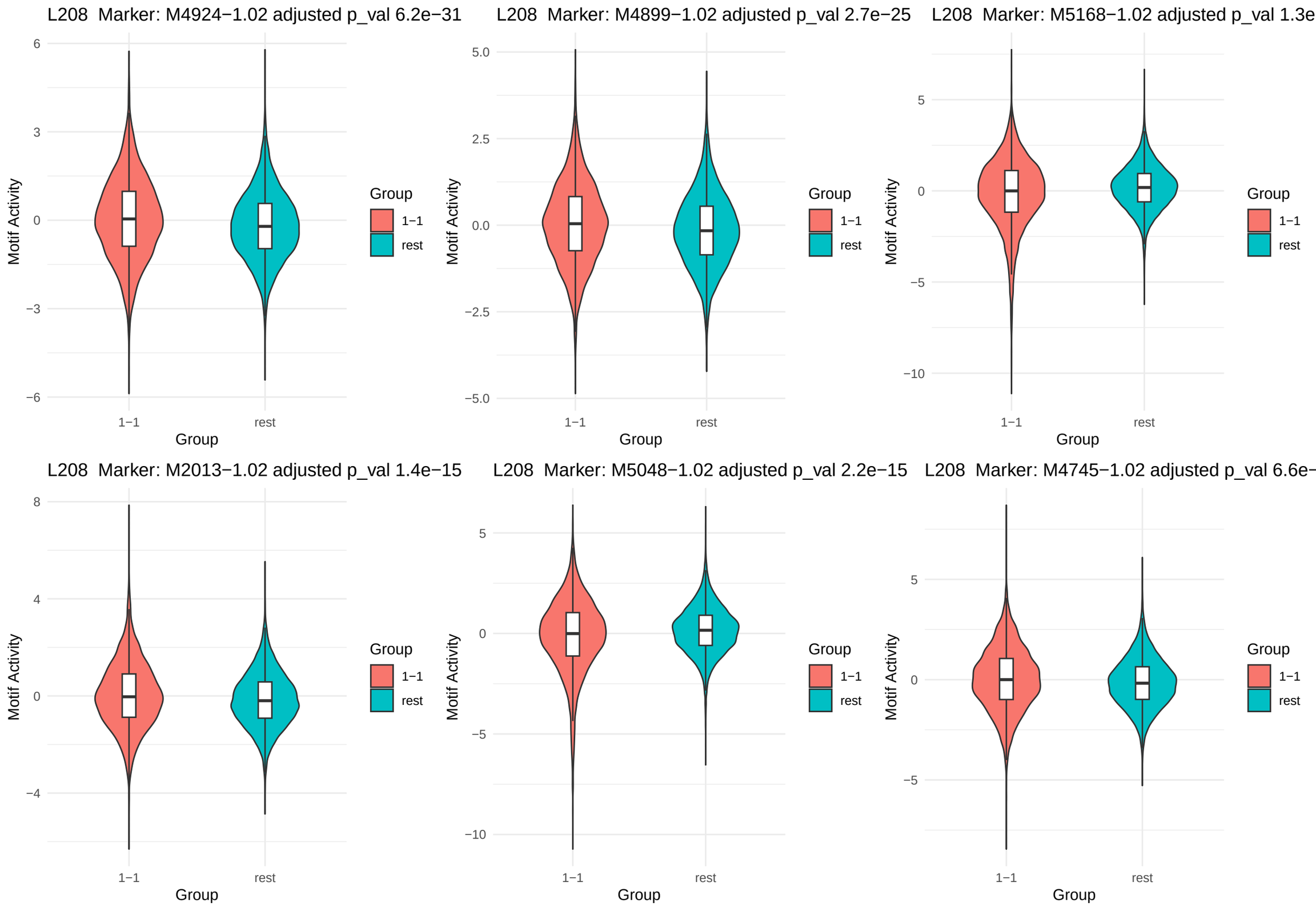

L203 Marker: M1913−1.02 adjusted p_val 1.9e−29
L203 Marker: M4745−1.02 adjusted p_val 5.4e−24
L203 Marker: M5064−1.02 adjusted p_val 5.4e−
L203 Marker: M5273−1.02 adjusted p_val 5.4e−24
L203 Marker: M4724−1.02 adjusted p_val 9.1e−24
L203 Marker: M4725−1.02 adjusted p_val 9.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

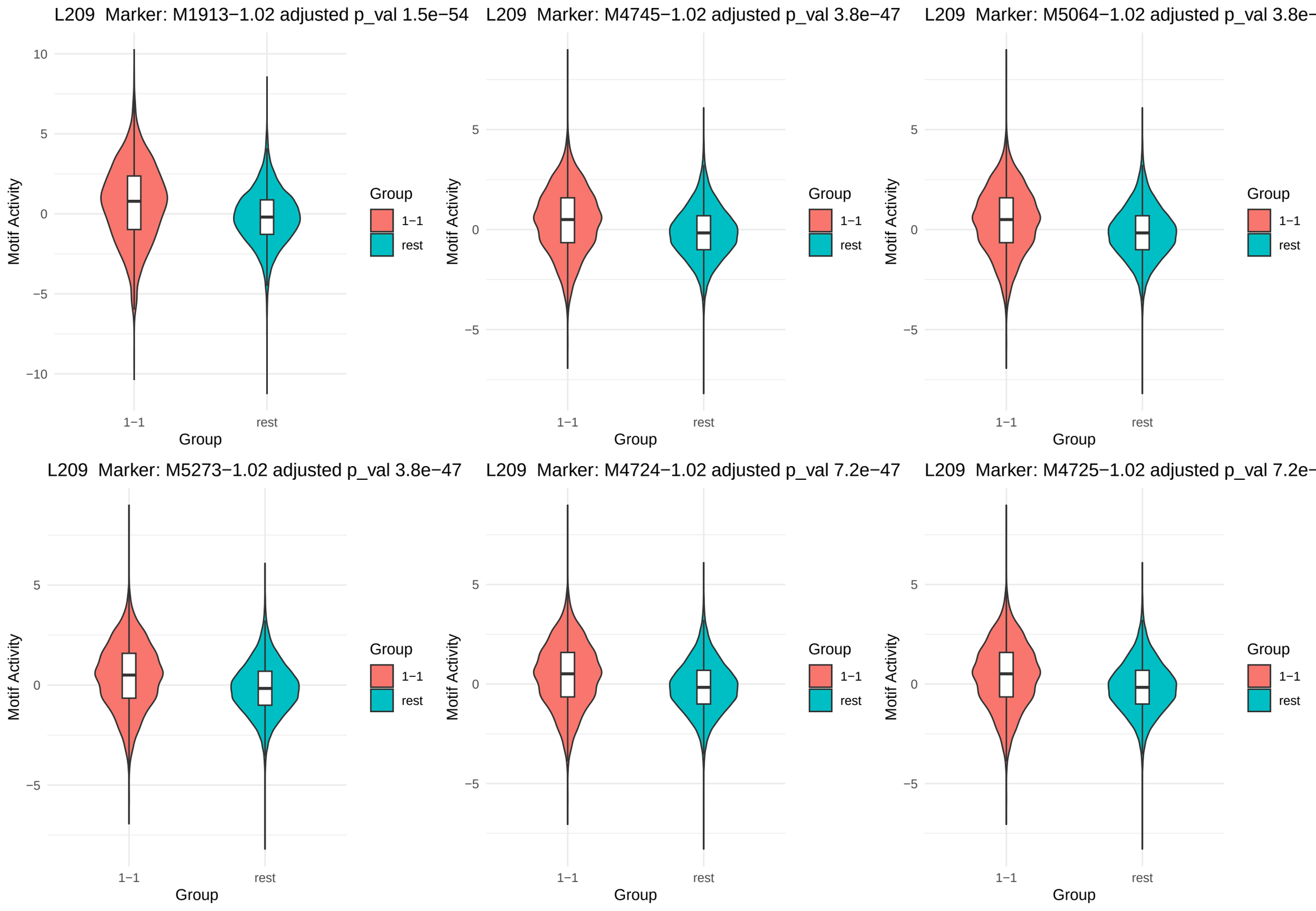

L204 Marker: M4924−1.02 adjusted p_val 1.4e−40
L204 Marker: M4899−1.02 adjusted p_val 1.7e−18
L204 Marker: M4886−1.02 adjusted p_val 1.7e−
L204 Marker: M4814−1.02 adjusted p_val 7.3e−16
L204 Marker: M5040−1.02 adjusted p_val 2.4e−12
L204 Marker: M4938−1.02 adjusted p_val 4.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

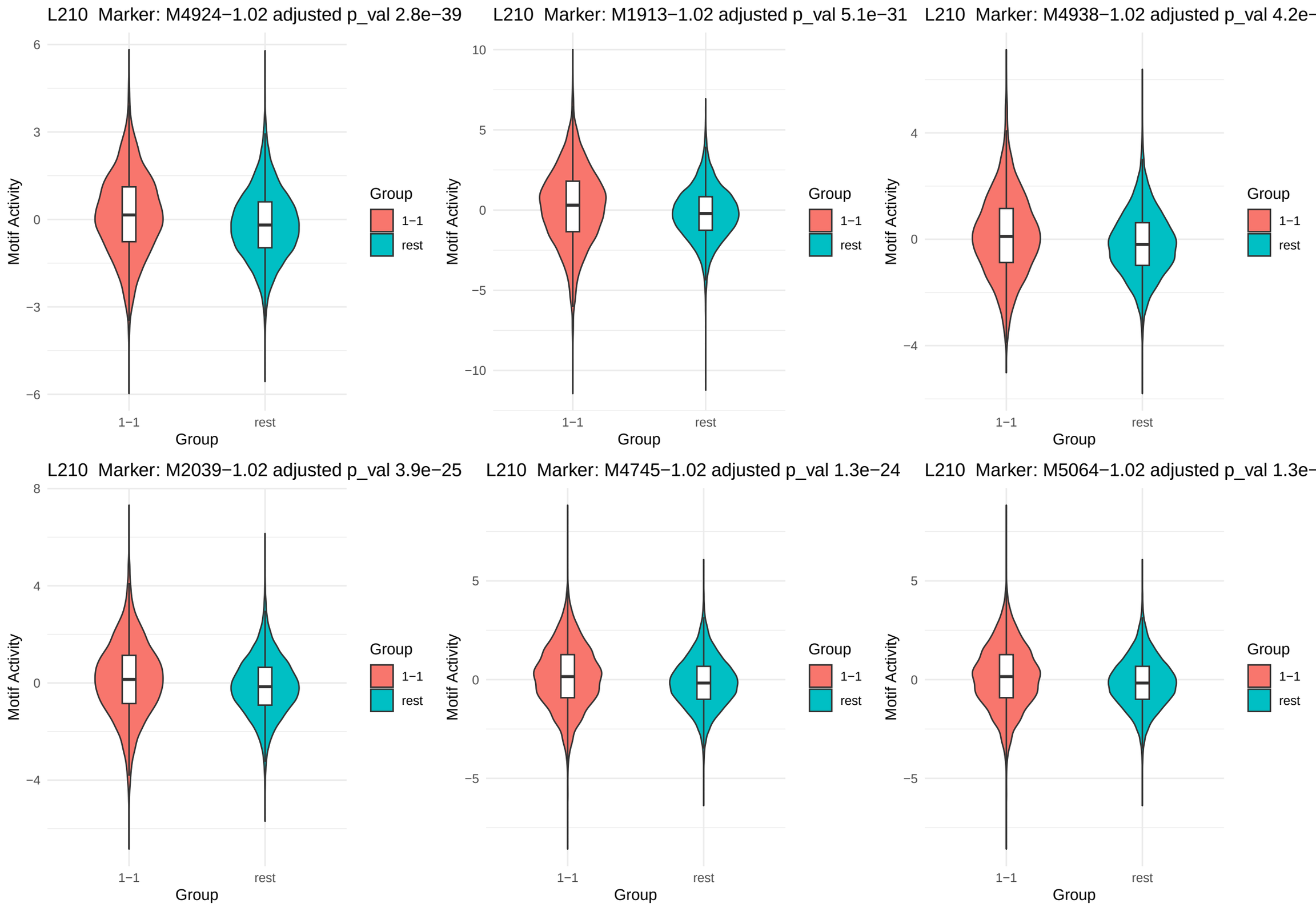

L205 Marker: M2013−1.02 adjusted p_val 1.1e−62
L205 Marker: M4899−1.02 adjusted p_val 3.7e−61
L205 Marker: M4924−1.02 adjusted p_val 2.1e−
L205 Marker: M2039−1.02 adjusted p_val 6.6e−55
L205 Marker: M4886−1.02 adjusted p_val 5.9e−49
L205 Marker: M1913−1.02 adjusted p_val 3.7e
Motif Activity
Group
1−1
rest
Group
1−1
rest

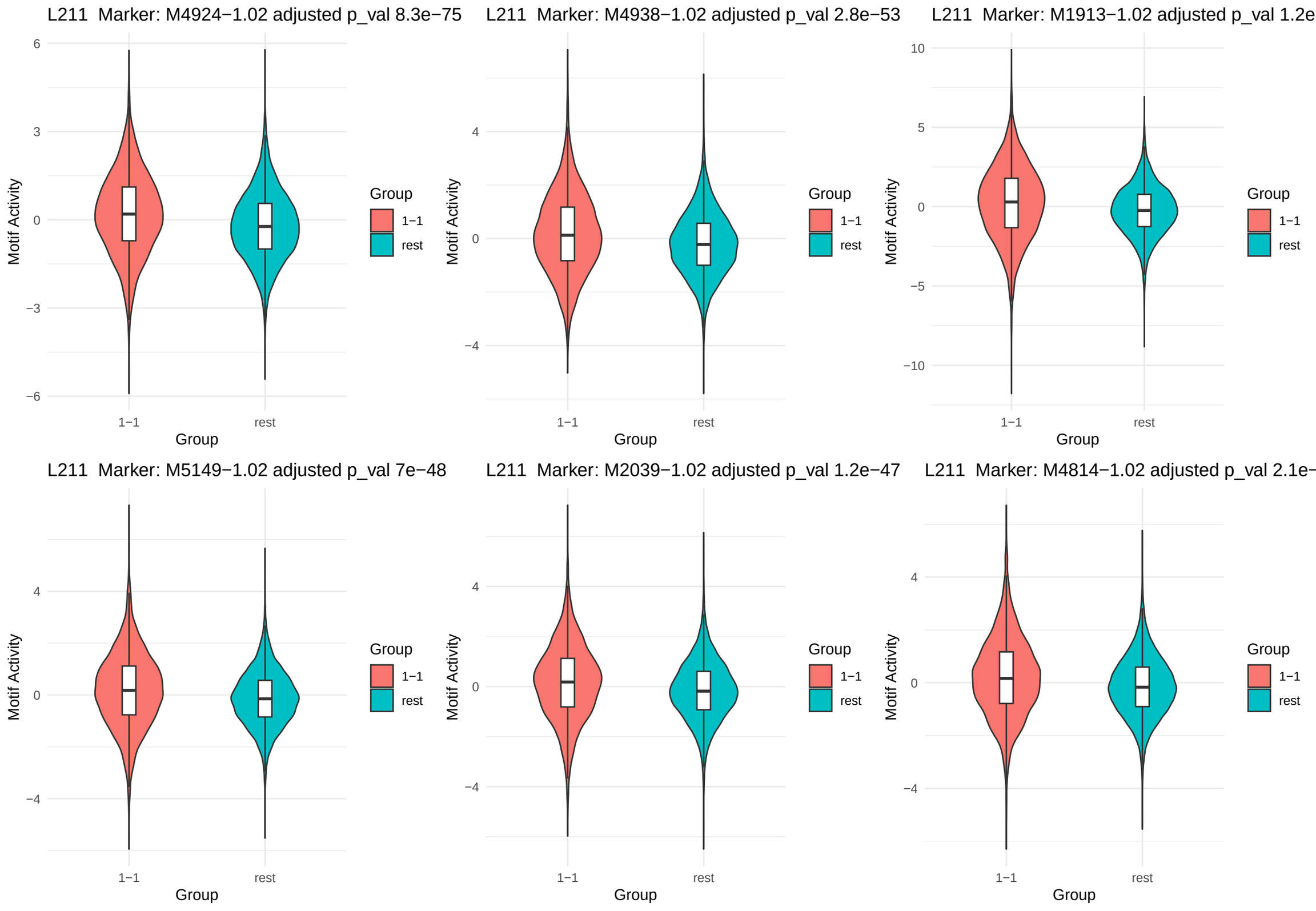

L206 Marker: M4924−1.02 adjusted p_val 1.1e−49
L206 Marker: M4899−1.02 adjusted p_val 9.2e−28
L206 Marker: M1913−1.02 adjusted p_val 3.7e
L206 Marker: M4745−1.02 adjusted p_val 3e−20
L206 Marker: M5064−1.02 adjusted p_val 3e−20
L206 Marker: M5273−1.02 adjusted p_val 3e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

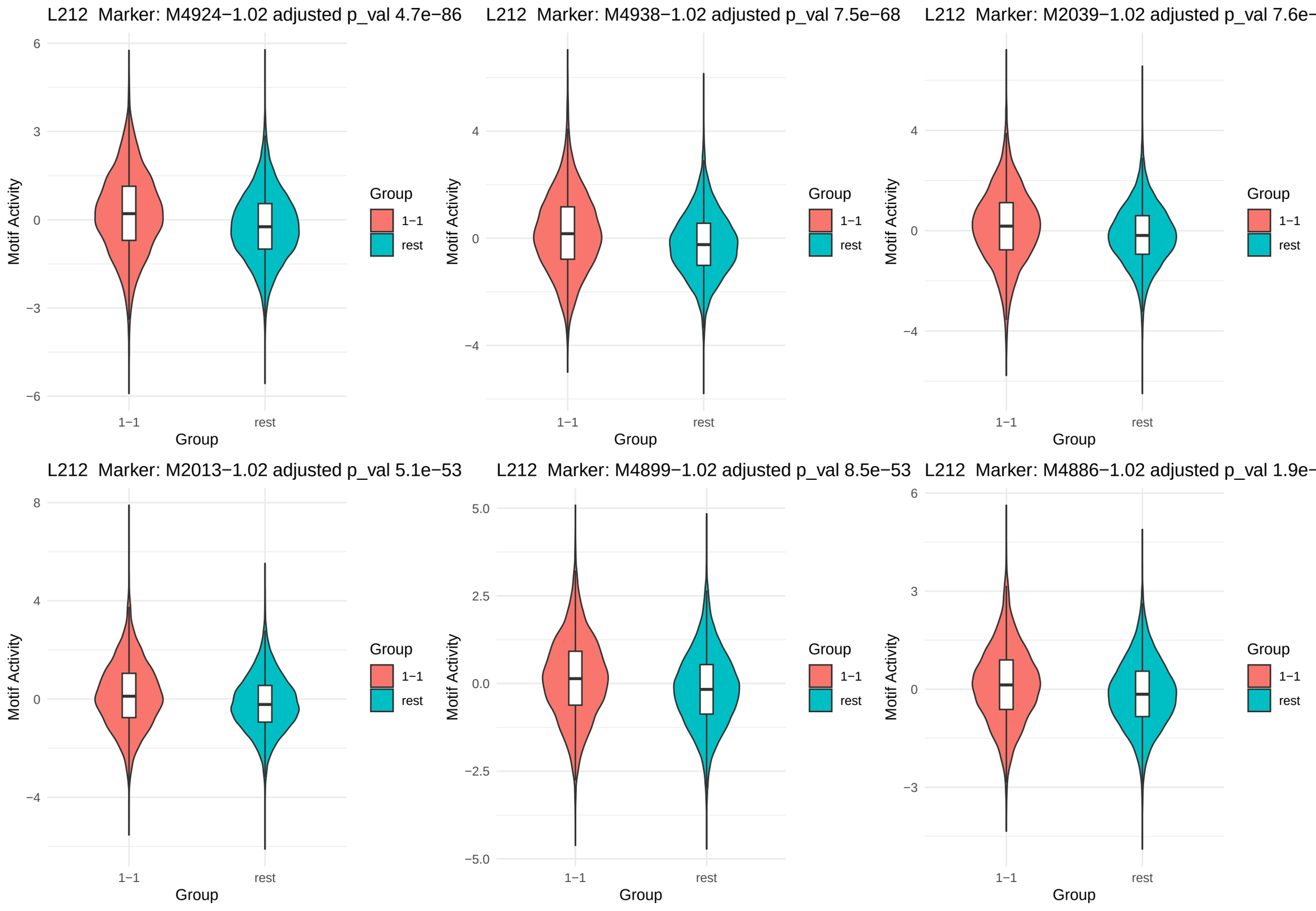

L207 Marker: M4899−1.02 adjusted p_val 8.8e−22
L207 Marker: M4924−1.02 adjusted p_val 2.6e−18
L207 Marker: M2039−1.02 adjusted p_val 2.5e−
L207 Marker: M4745−1.02 adjusted p_val 4.8e−13
L207 Marker: M5064−1.02 adjusted p_val 4.8e−13
L207 Marker: M5273−1.02 adjusted p_val 4.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

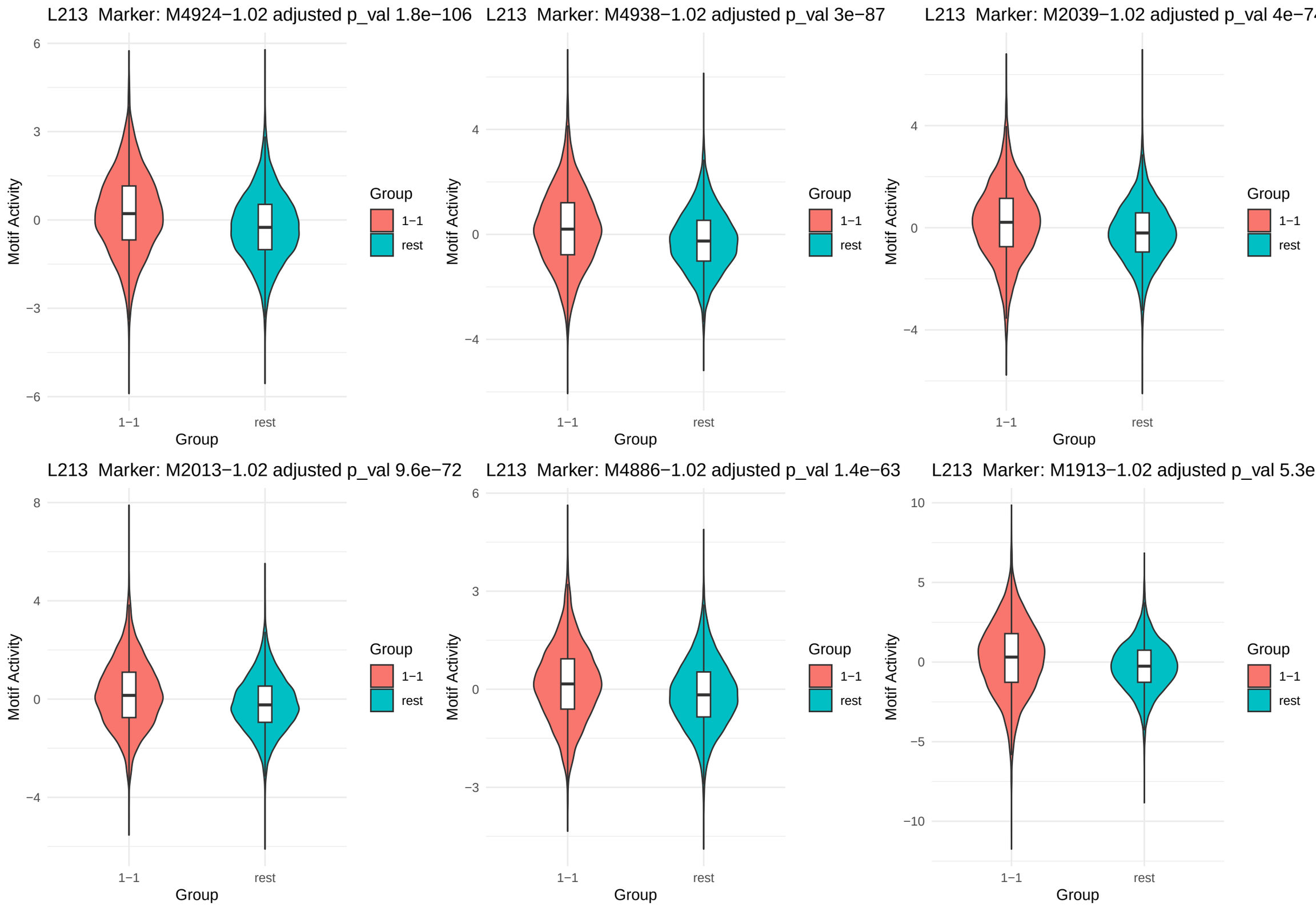

L208 Marker: M4924−1.02 adjusted p_val 6.2e−31
L208 Marker: M4899−1.02 adjusted p_val 2.7e−25
L208 Marker: M5168−1.02 adjusted p_val 1.3e
L208 Marker: M2013−1.02 adjusted p_val 1.4e−15
L208 Marker: M5048−1.02 adjusted p_val 2.2e−15
L208 Marker: M4745−1.02 adjusted p_val 6.6e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

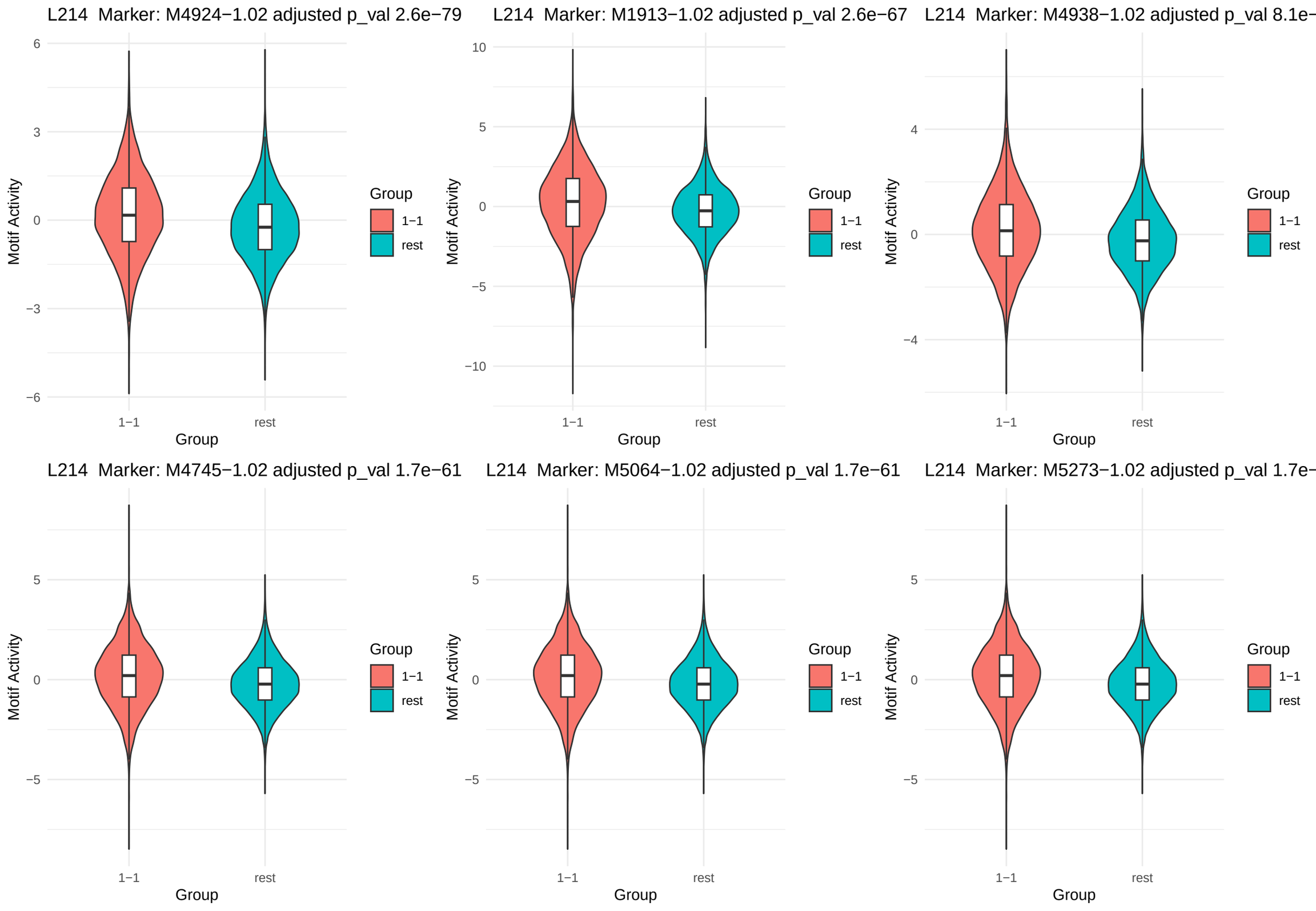

L209 Marker: M1913−1.02 adjusted p_val 1.5e−54
L209 Marker: M4745−1.02 adjusted p_val 3.8e−47
L209 Marker: M5064−1.02 adjusted p_val 3.8e−
L209 Marker: M5273−1.02 adjusted p_val 3.8e−47
L209 Marker: M4724−1.02 adjusted p_val 7.2e−47
L209 Marker: M4725−1.02 adjusted p_val 7.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

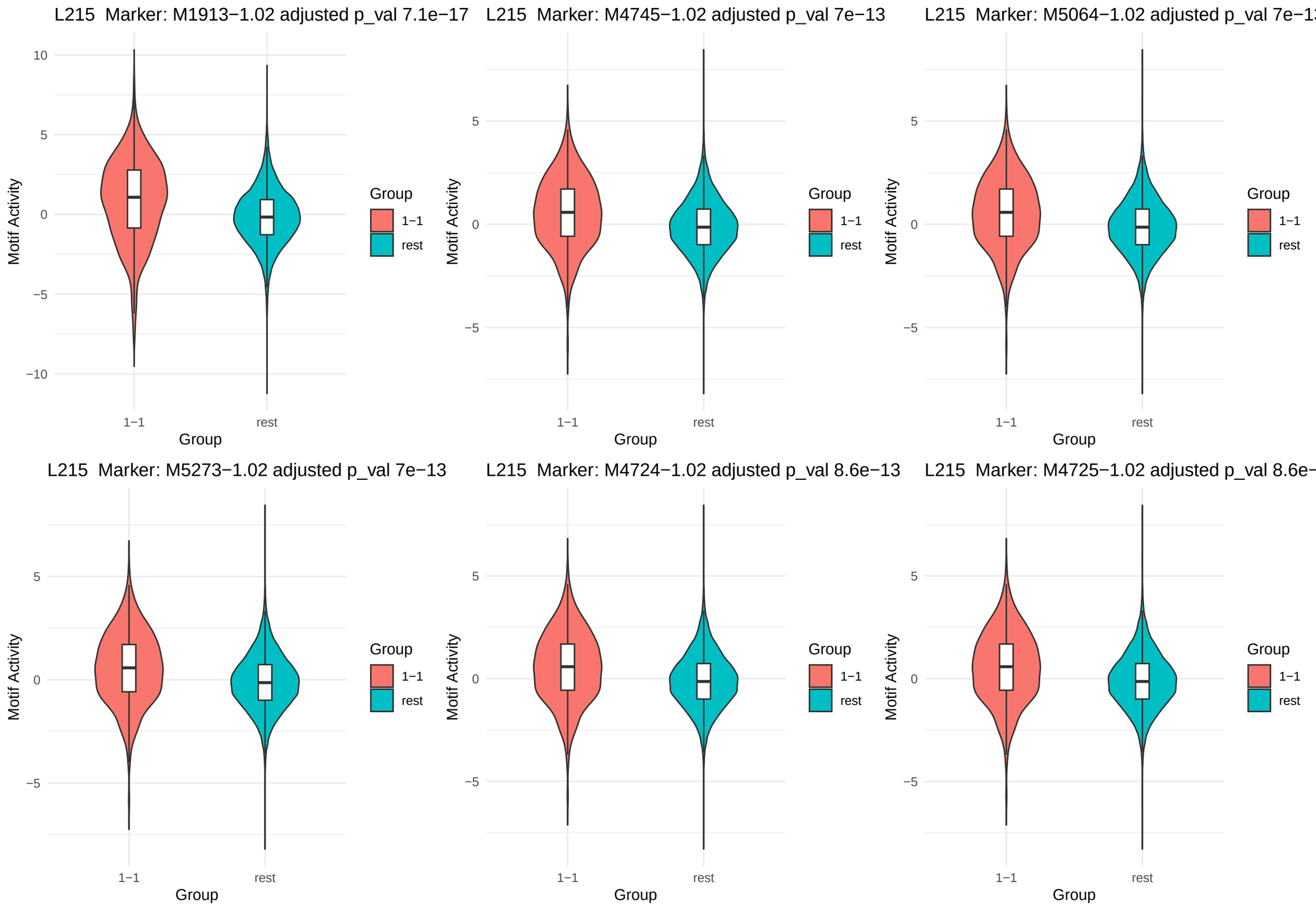

L210 Marker: M4924−1.02 adjusted p_val 2.8e−39
L210 Marker: M1913−1.02 adjusted p_val 5.1e−31
L210 Marker: M4938−1.02 adjusted p_val 4.2e−
L210 Marker: M2039−1.02 adjusted p_val 3.9e−25
L210 Marker: M4745−1.02 adjusted p_val 1.3e−24
L210 Marker: M5064−1.02 adjusted p_val 1.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

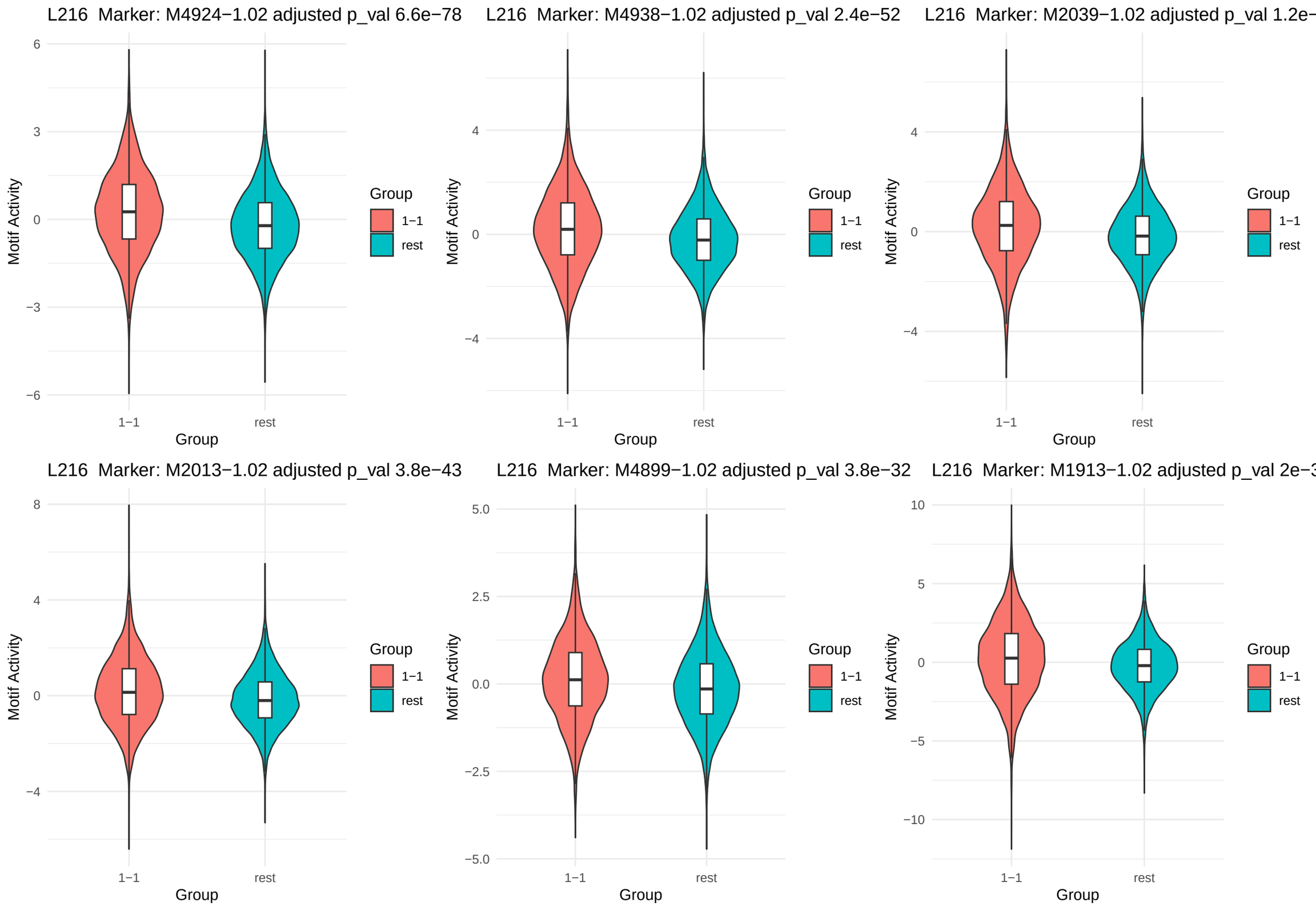

L211 Marker: M4924−1.02 adjusted p_val 8.3e−75
L211 Marker: M4938−1.02 adjusted p_val 2.8e−53
L211 Marker: M1913−1.02 adjusted p_val 1.2e
L211 Marker: M5149−1.02 adjusted p_val 7e−48
L211 Marker: M2039−1.02 adjusted p_val 1.2e−47
L211 Marker: M4814−1.02 adjusted p_val 2.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

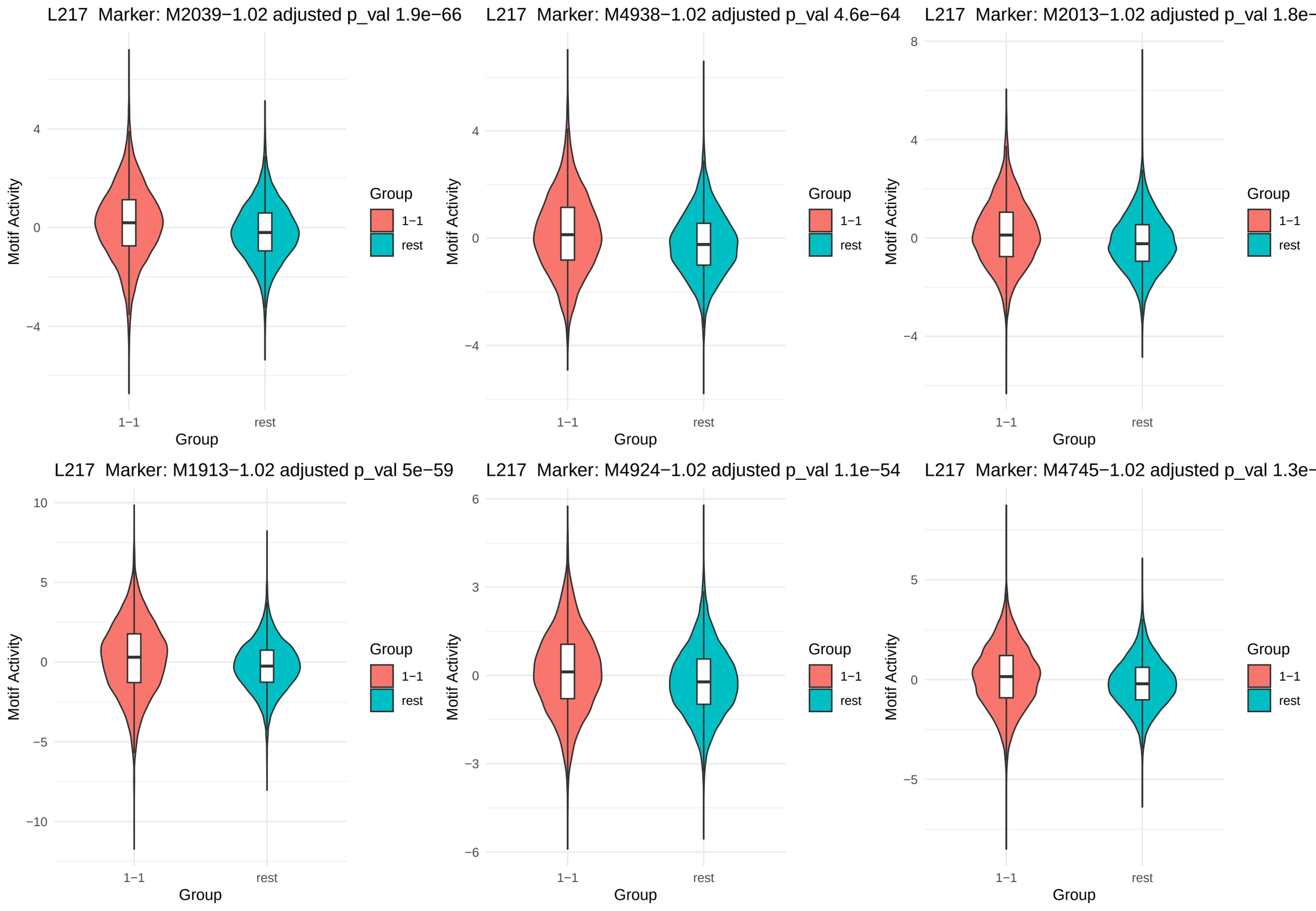

L212 Marker: M4924−1.02 adjusted p_val 4.7e−86
L212 Marker: M4938−1.02 adjusted p_val 7.5e−68
L212 Marker: M2039−1.02 adjusted p_val 7.6e−
L212 Marker: M2013−1.02 adjusted p_val 5.1e−53
L212 Marker: M4899−1.02 adjusted p_val 8.5e−53
L212 Marker: M4886−1.02 adjusted p_val 1.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

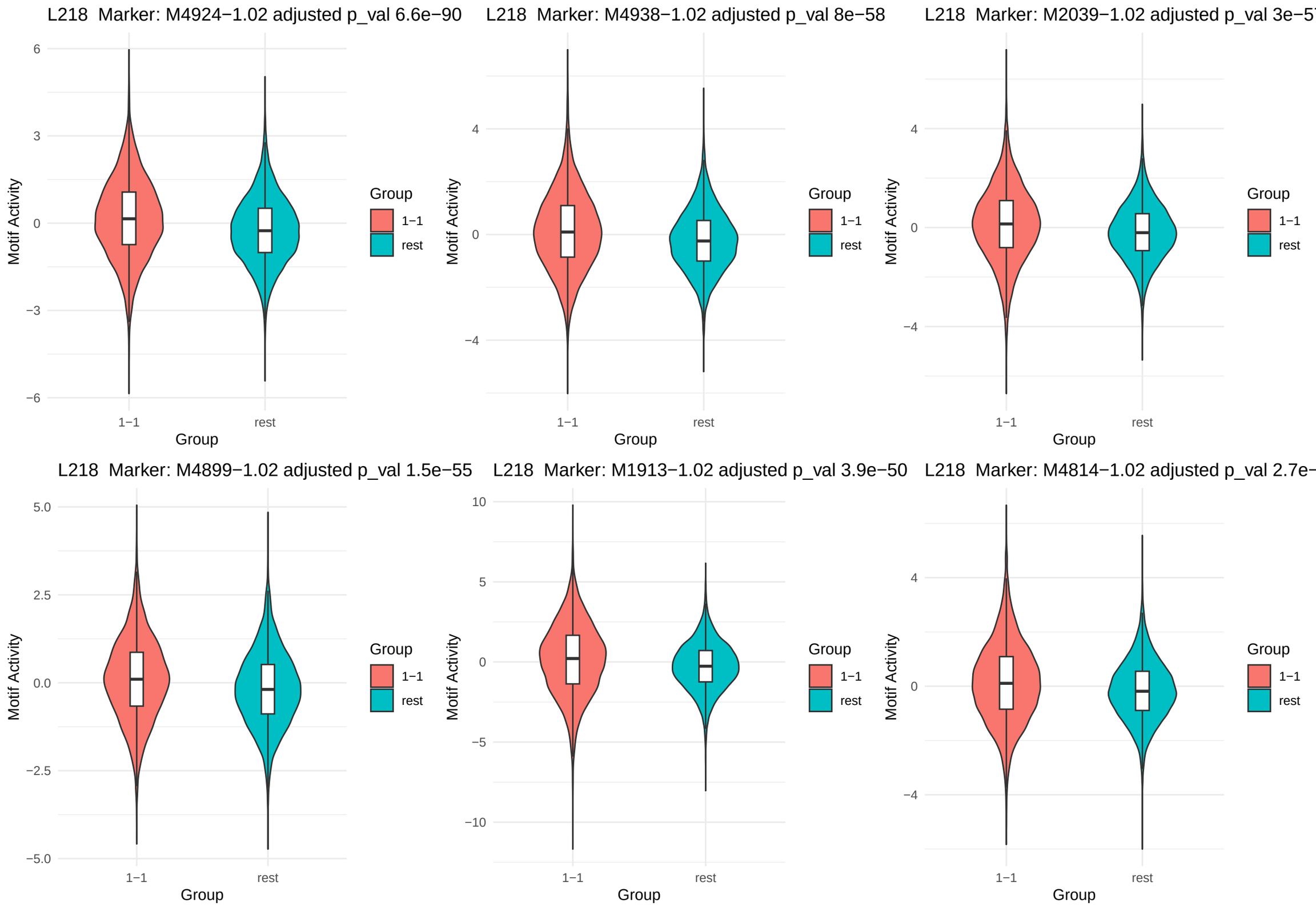

L213 Marker: M4924−1.02 adjusted p_val 1.8e−106
L213 Marker: M4938−1.02 adjusted p_val 3e−87
L213 Marker: M2039−1.02 adjusted p_val 4e−74
L213 Marker: M2013−1.02 adjusted p_val 9.6e−72
L213 Marker: M4886−1.02 adjusted p_val 1.4e−63
L213 Marker: M1913−1.02 adjusted p_val 5.3e
Motif Activity
Group
1−1
rest
Group
1−1
rest

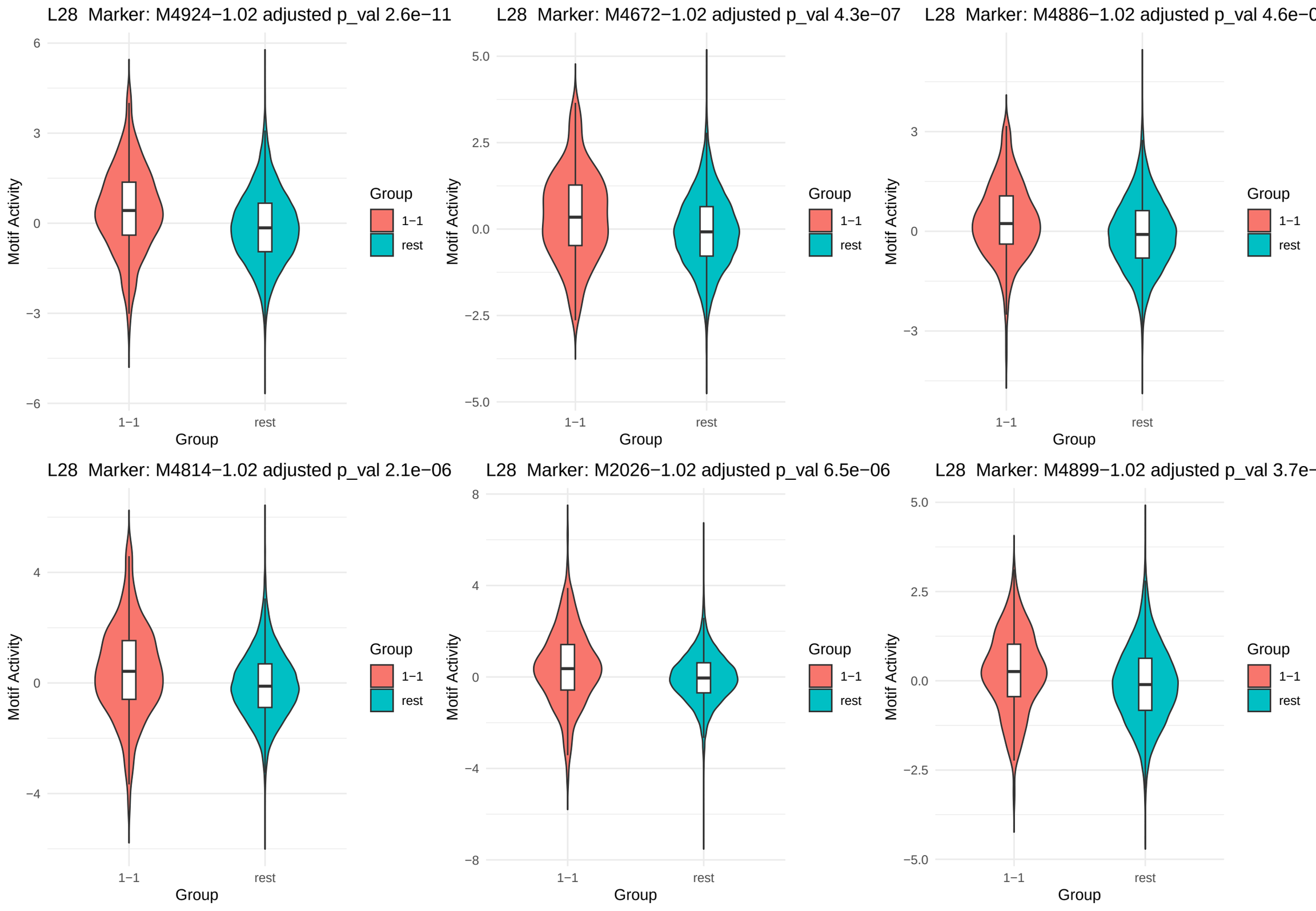

L214 Marker: M4924−1.02 adjusted p_val 2.6e−79
L214 Marker: M1913−1.02 adjusted p_val 2.6e−67
L214 Marker: M4938−1.02 adjusted p_val 8.1e−
L214 Marker: M4745−1.02 adjusted p_val 1.7e−61
L214 Marker: M5064−1.02 adjusted p_val 1.7e−61
L214 Marker: M5273−1.02 adjusted p_val 1.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

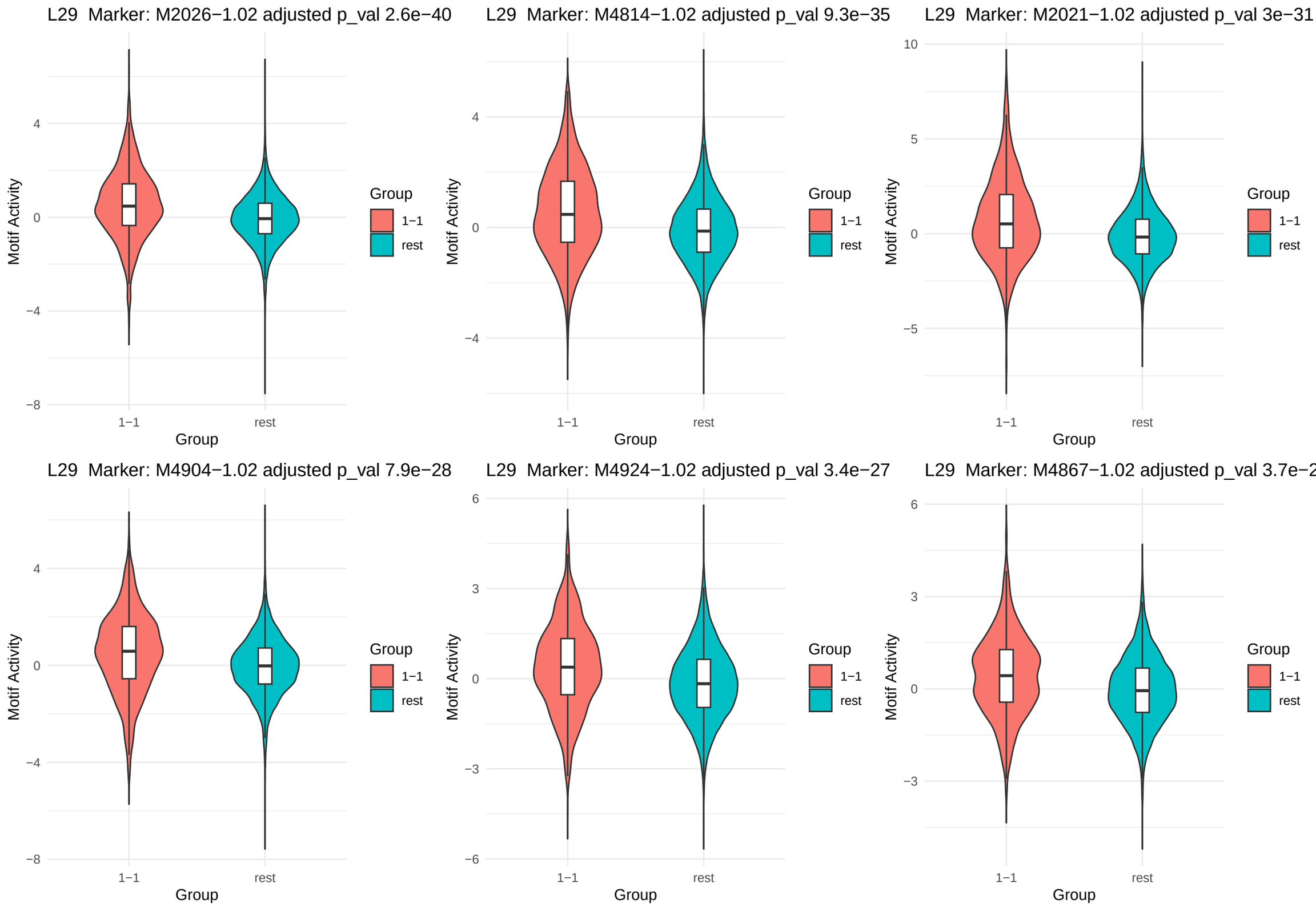

L215 Marker: M1913−1.02 adjusted p_val 7.1e−17
L215 Marker: M4745−1.02 adjusted p_val 7e−13
L215 Marker: M5064−1.02 adjusted p_val 7e−13
L215 Marker: M5273−1.02 adjusted p_val 7e−13
L215 Marker: M4724−1.02 adjusted p_val 8.6e−13
L215 Marker: M4725−1.02 adjusted p_val 8.6e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

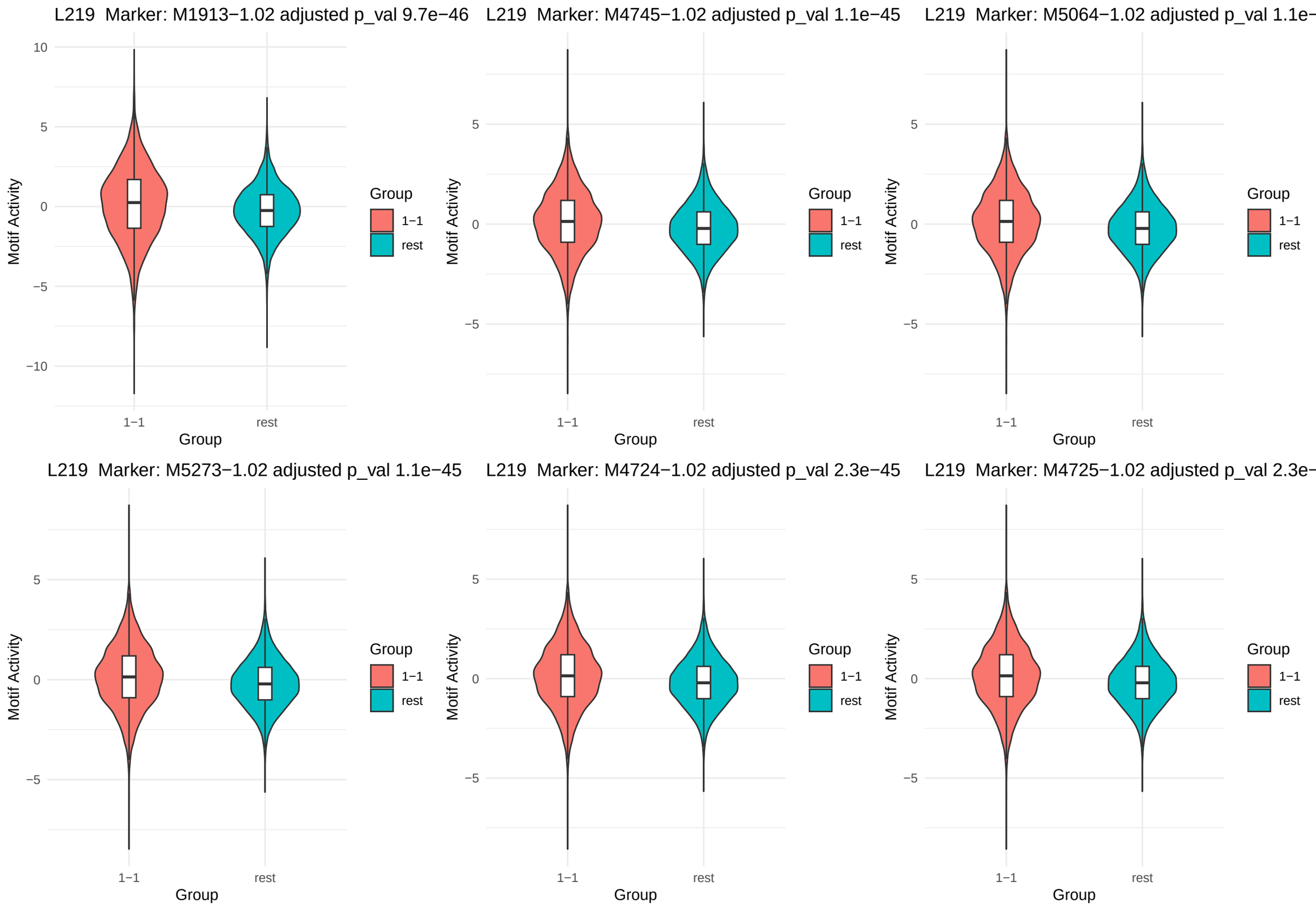

L216 Marker: M4924−1.02 adjusted p_val 6.6e−78
L216 Marker: M4938−1.02 adjusted p_val 2.4e−52
L216 Marker: M2039−1.02 adjusted p_val 1.2e−
L216 Marker: M2013−1.02 adjusted p_val 3.8e−43
L216 Marker: M4899−1.02 adjusted p_val 3.8e−32
L216 Marker: M1913−1.02 adjusted p_val 2e−3
Motif Activity
Group
1−1
rest
Group
1−1
rest

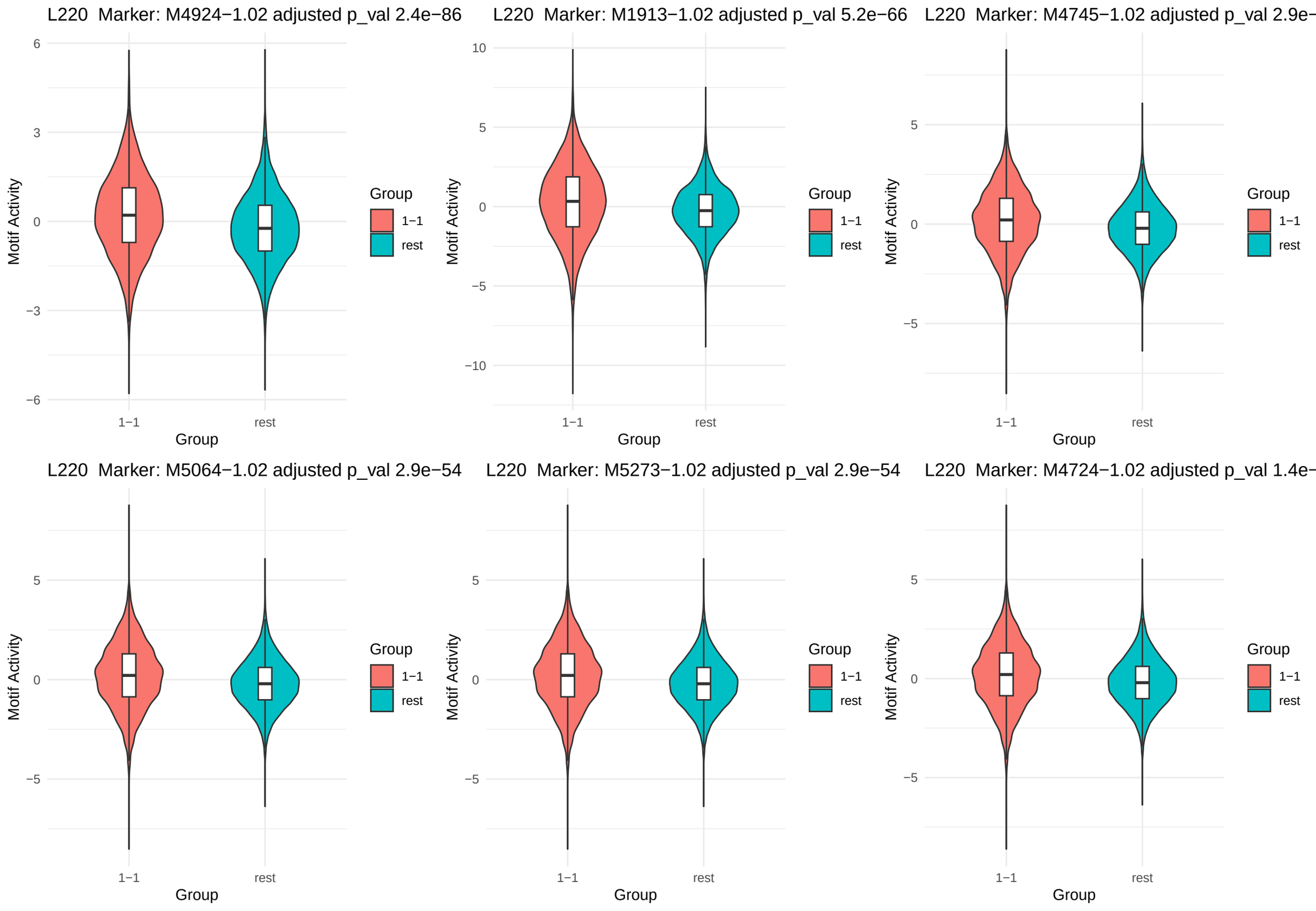

L217 Marker: M2039−1.02 adjusted p_val 1.9e−66
L217 Marker: M4938−1.02 adjusted p_val 4.6e−64
L217 Marker: M2013−1.02 adjusted p_val 1.8e−
L217 Marker: M1913−1.02 adjusted p_val 5e−59
L217 Marker: M4924−1.02 adjusted p_val 1.1e−54
L217 Marker: M4745−1.02 adjusted p_val 1.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

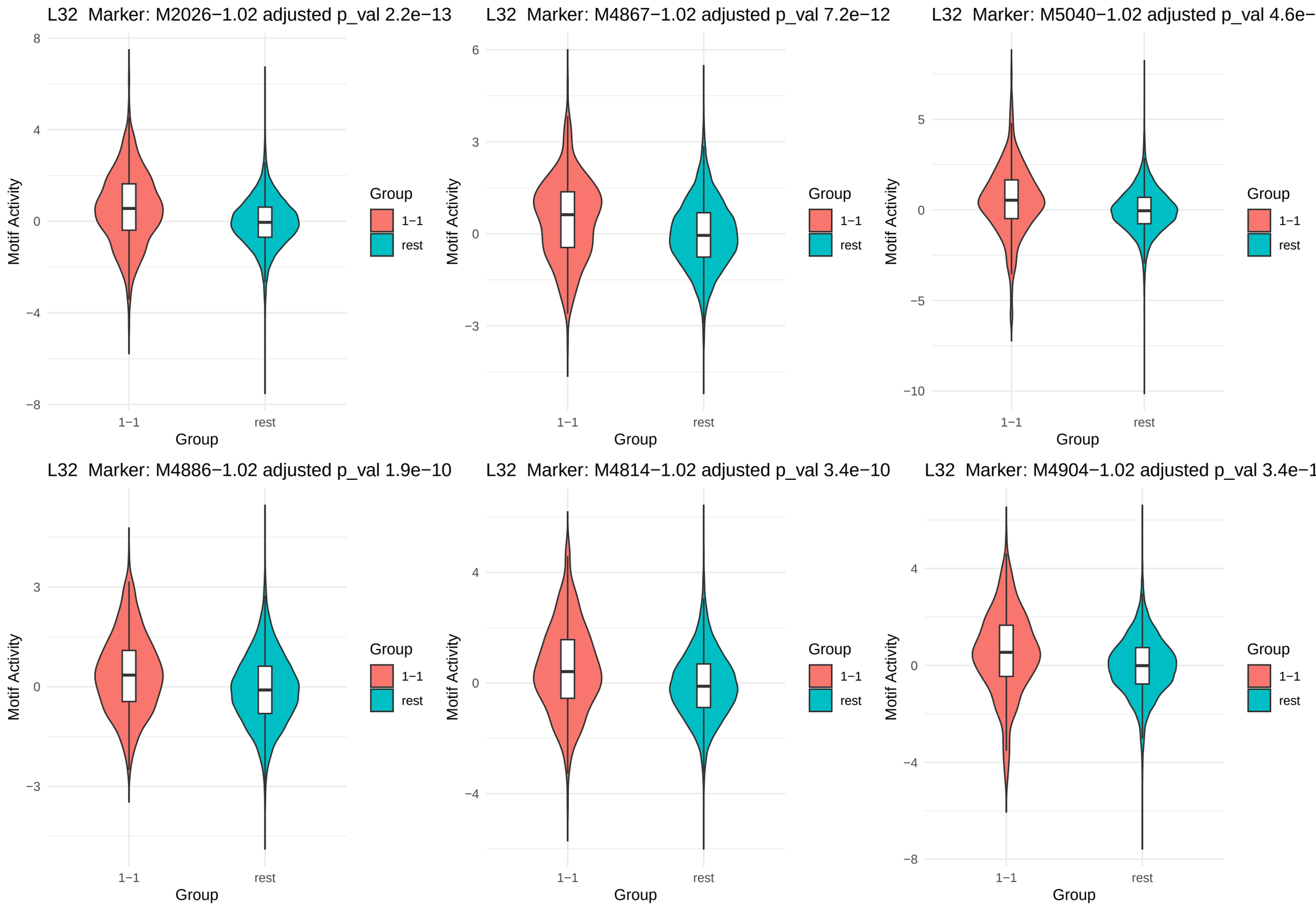

L218 Marker: M4924−1.02 adjusted p_val 6.6e−90
L218 Marker: M4938−1.02 adjusted p_val 8e−58
L218 Marker: M2039−1.02 adjusted p_val 3e−5
L218 Marker: M4899−1.02 adjusted p_val 1.5e−55
L218 Marker: M1913−1.02 adjusted p_val 3.9e−50
L218 Marker: M4814−1.02 adjusted p_val 2.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

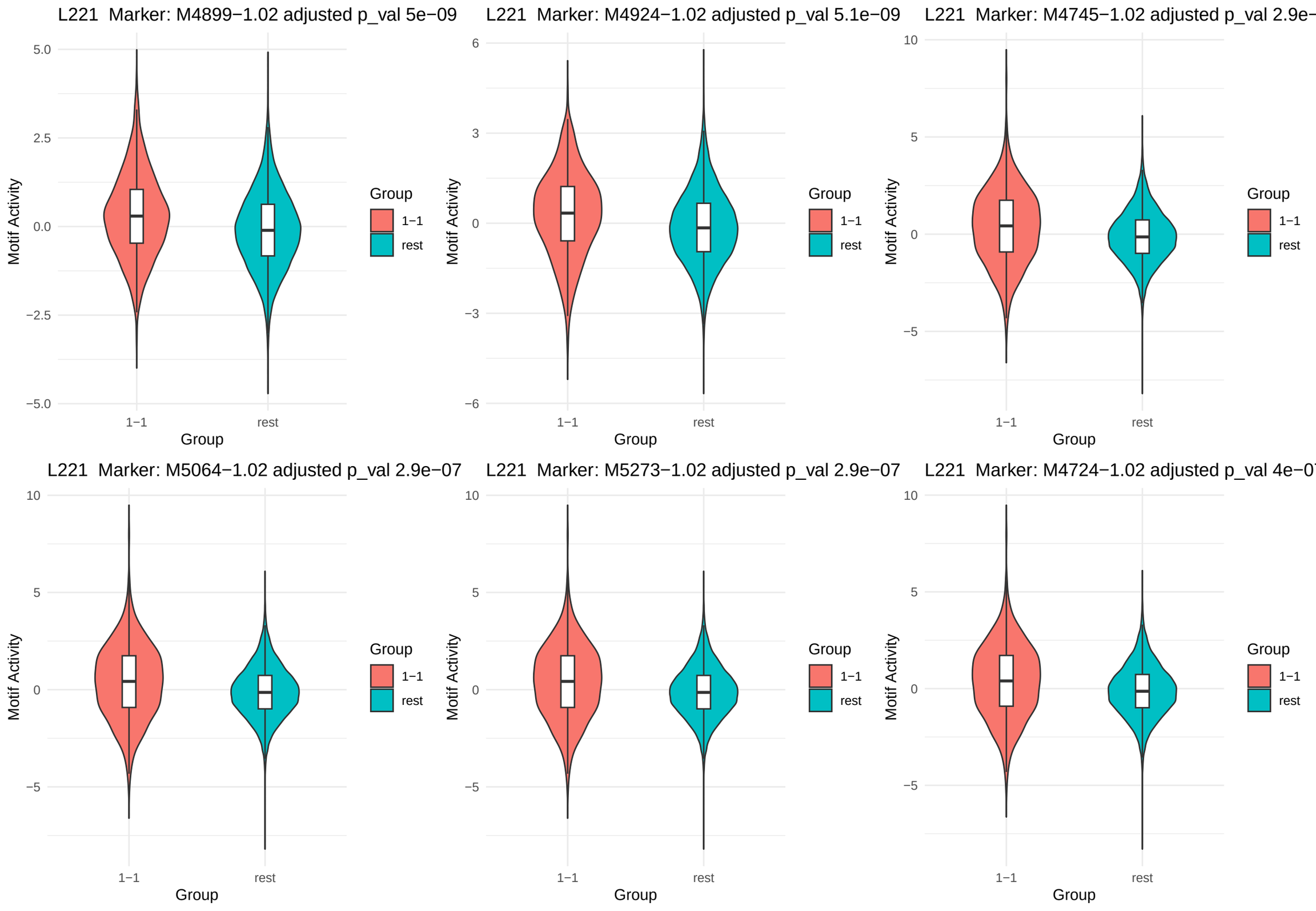

L28 Marker: M4924−1.02 adjusted p_val 2.6e−11
L28 Marker: M4672−1.02 adjusted p_val 4.3e−07
L28 Marker: M4886−1.02 adjusted p_val 4.6e−0
L28 Marker: M4814−1.02 adjusted p_val 2.1e−06
L28 Marker: M2026−1.02 adjusted p_val 6.5e−06
L28 Marker: M4899−1.02 adjusted p_val 3.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

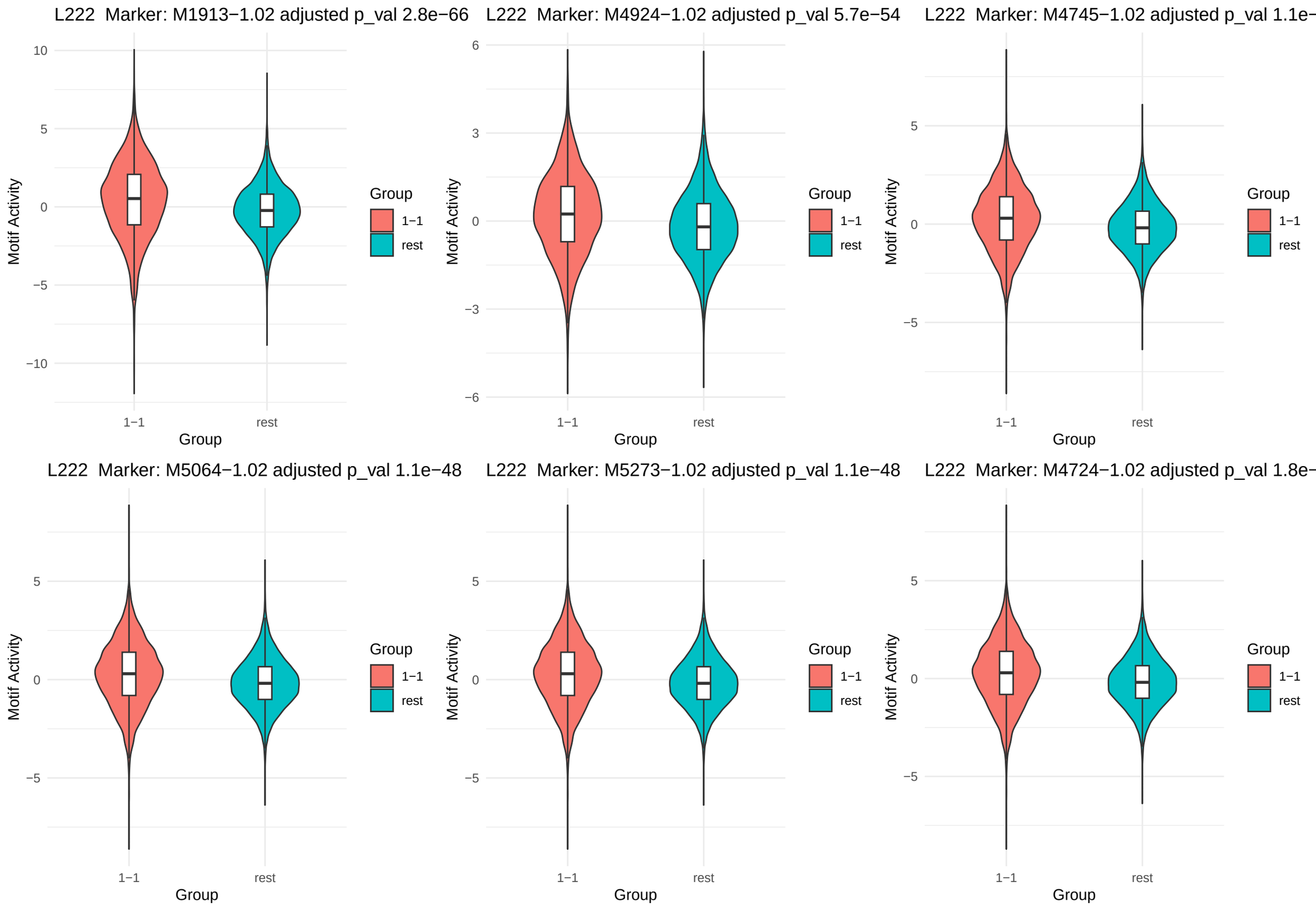

L29 Marker: M2026−1.02 adjusted p_val 2.6e−40
L29 Marker: M4814−1.02 adjusted p_val 9.3e−35
L29 Marker: M2021−1.02 adjusted p_val 3e−31
L29 Marker: M4904−1.02 adjusted p_val 7.9e−28
L29 Marker: M4924−1.02 adjusted p_val 3.4e−27
L29 Marker: M4867−1.02 adjusted p_val 3.7e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

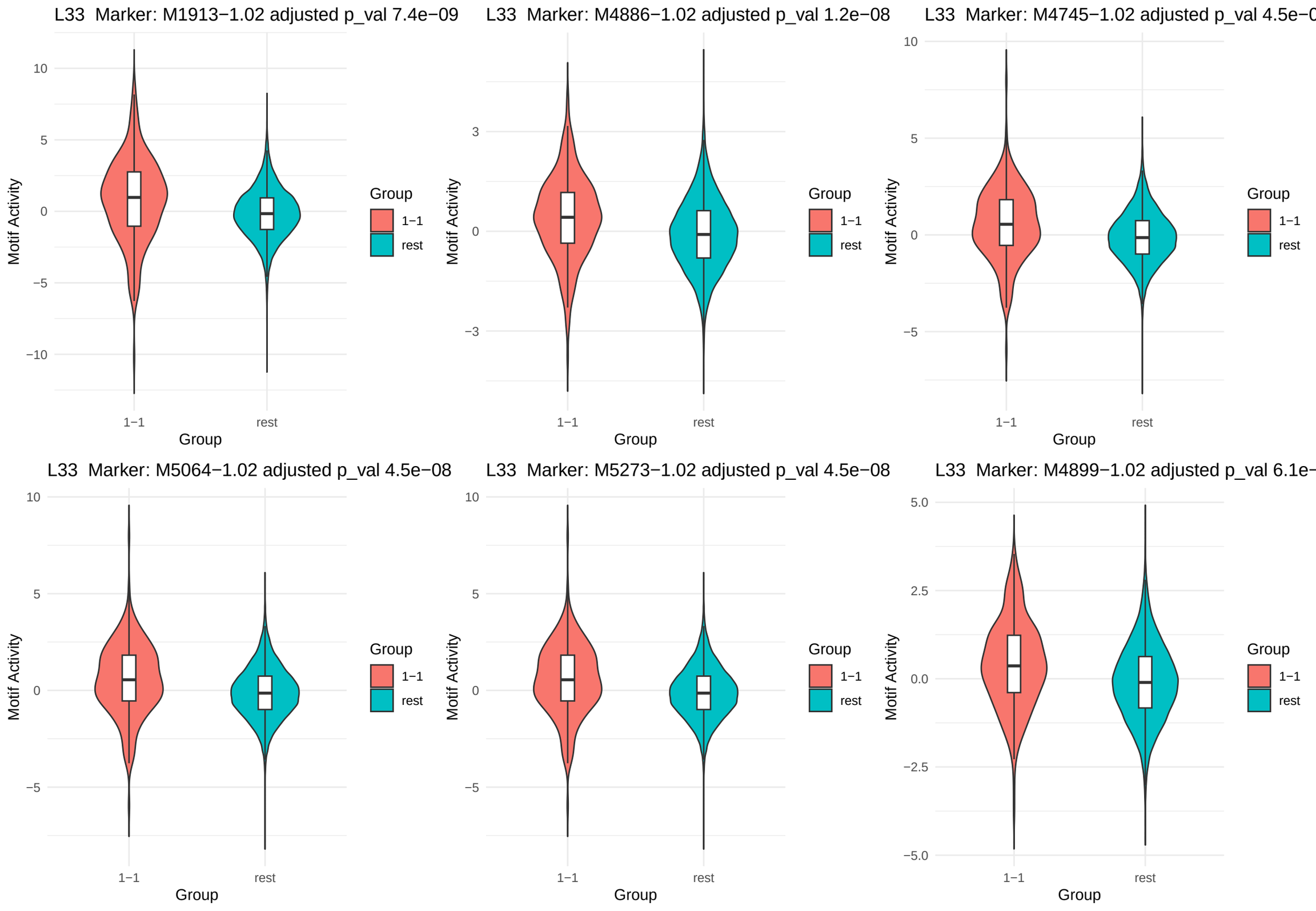

L219 Marker: M1913−1.02 adjusted p_val 9.7e−46
L219 Marker: M4745−1.02 adjusted p_val 1.1e−45
L219 Marker: M5064−1.02 adjusted p_val 1.1e−
L219 Marker: M5273−1.02 adjusted p_val 1.1e−45
L219 Marker: M4724−1.02 adjusted p_val 2.3e−45
L219 Marker: M4725−1.02 adjusted p_val 2.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

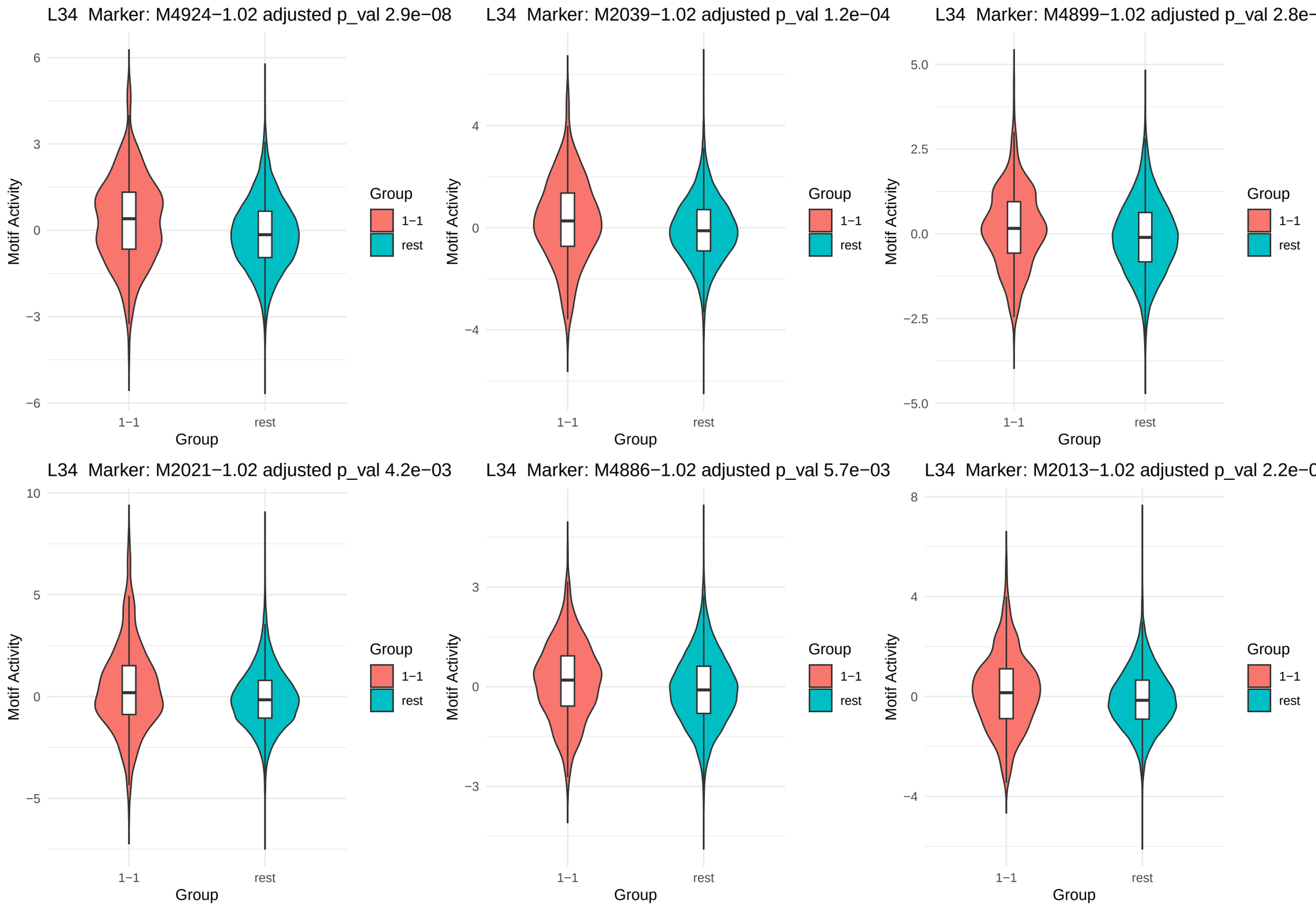

L220 Marker: M4924−1.02 adjusted p_val 2.4e−86
L220 Marker: M1913−1.02 adjusted p_val 5.2e−66
L220 Marker: M4745−1.02 adjusted p_val 2.9e−
L220 Marker: M5064−1.02 adjusted p_val 2.9e−54
L220 Marker: M5273−1.02 adjusted p_val 2.9e−54
L220 Marker: M4724−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

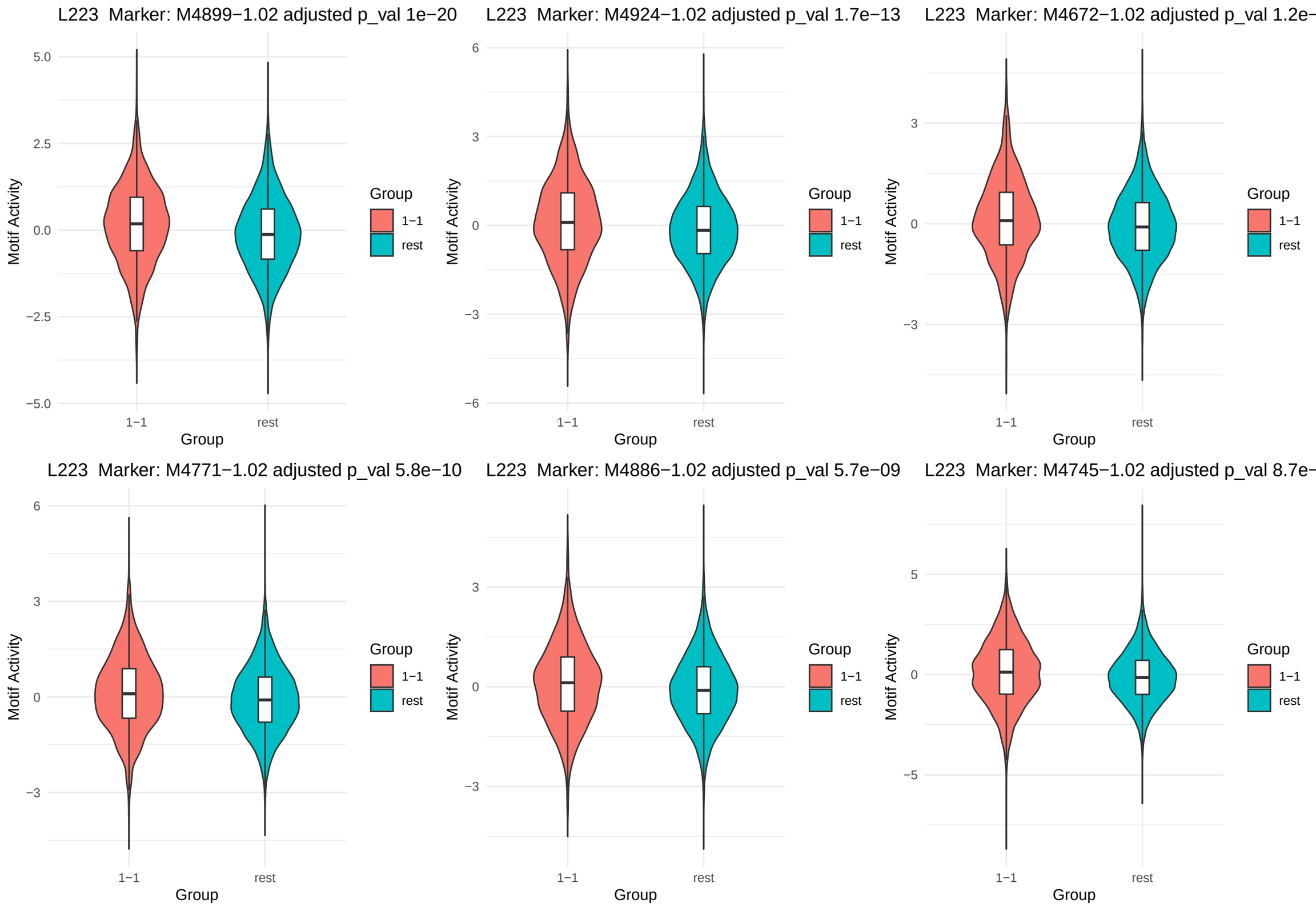

L32 Marker: M2026−1.02 adjusted p_val 2.2e−13
L32 Marker: M4867−1.02 adjusted p_val 7.2e−12
L32 Marker: M5040−1.02 adjusted p_val 4.6e−
L32 Marker: M4886−1.02 adjusted p_val 1.9e−10
L32 Marker: M4814−1.02 adjusted p_val 3.4e−10
L32 Marker: M4904−1.02 adjusted p_val 3.4e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

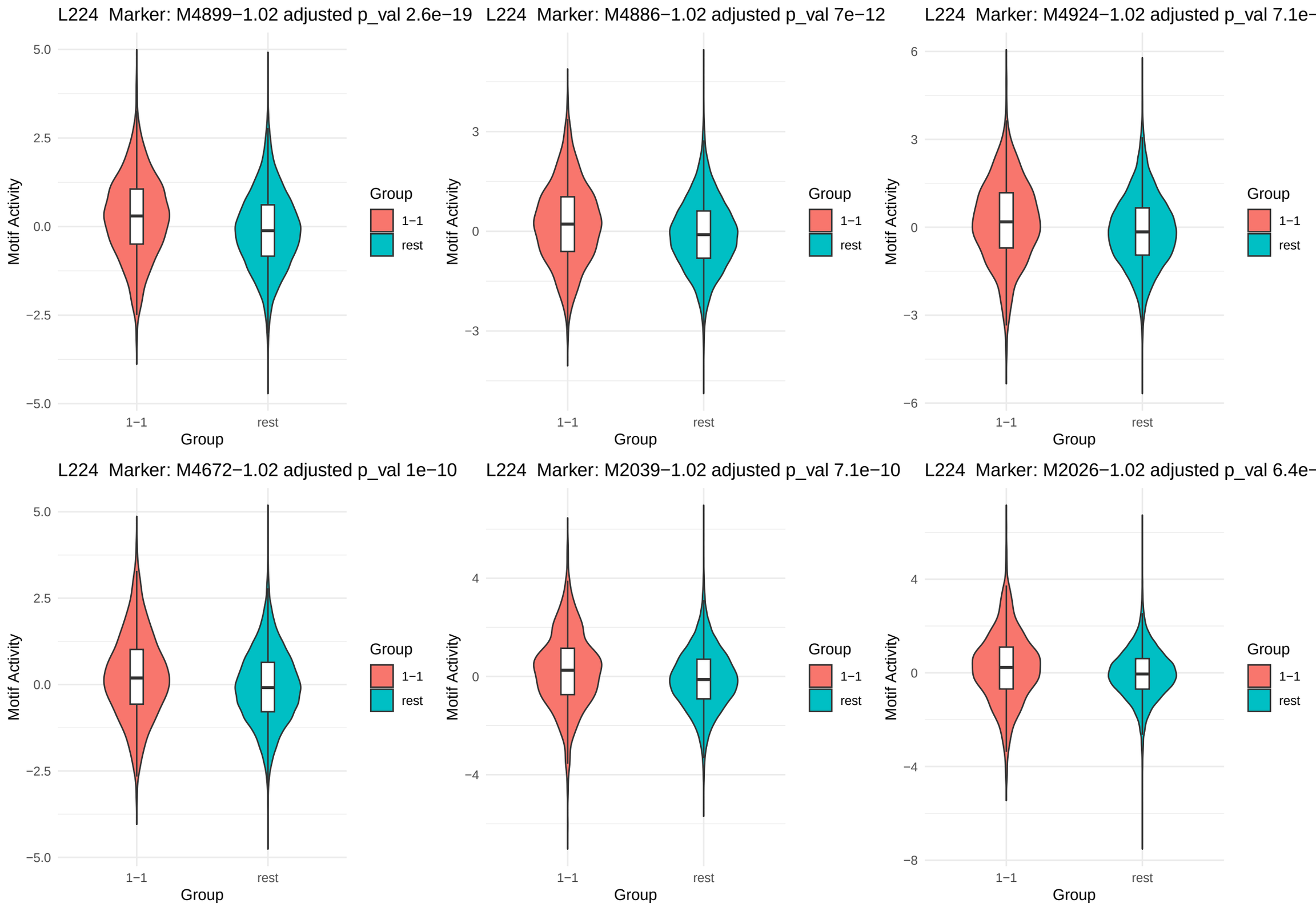

L221 Marker: M4899−1.02 adjusted p_val 5e−09
L221 Marker: M4924−1.02 adjusted p_val 5.1e−09
L221 Marker: M4745−1.02 adjusted p_val 2.9e−
L221 Marker: M5064−1.02 adjusted p_val 2.9e−07
L221 Marker: M5273−1.02 adjusted p_val 2.9e−07
L221 Marker: M4724−1.02 adjusted p_val 4e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

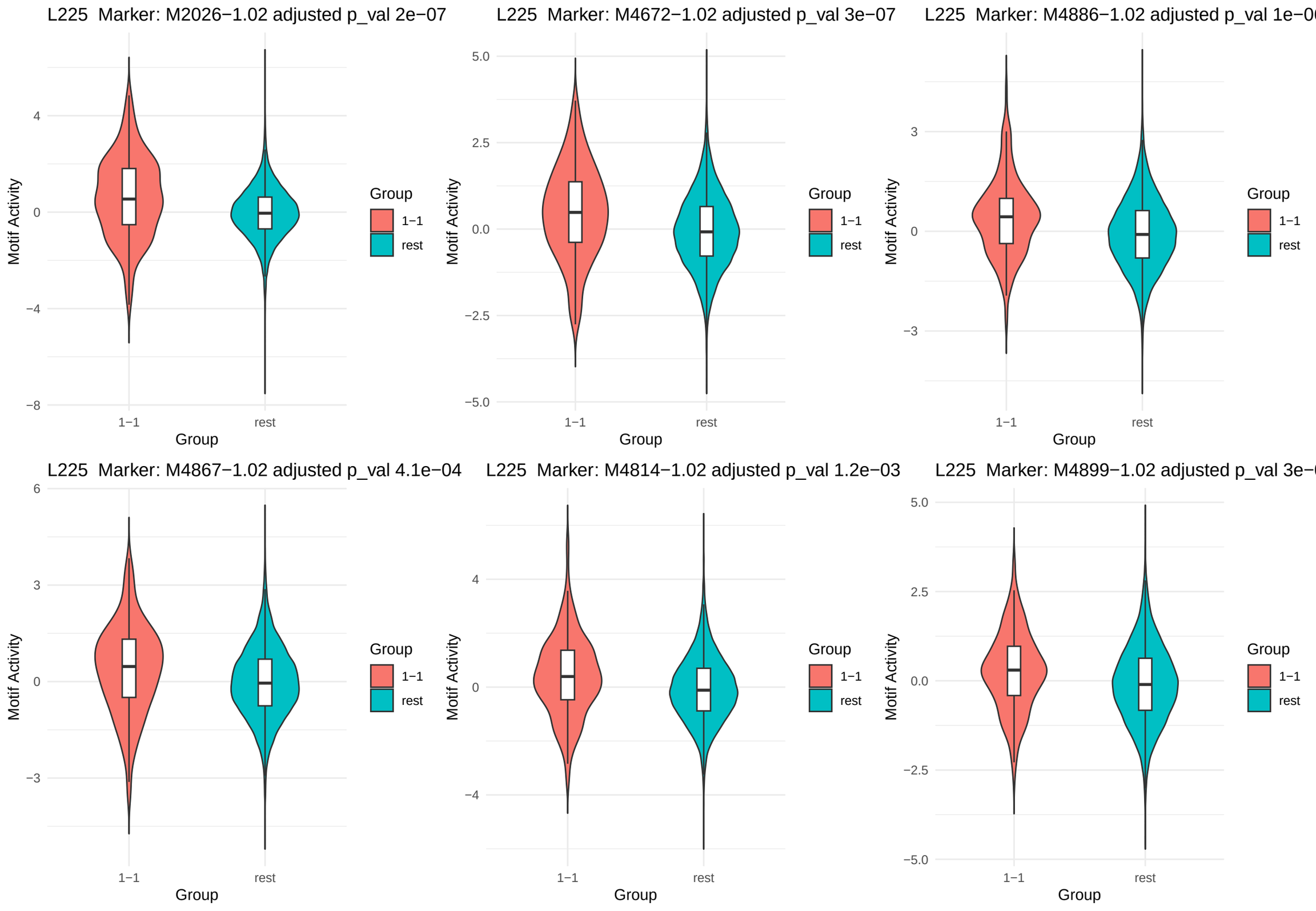

L222 Marker: M1913−1.02 adjusted p_val 2.8e−66
L222 Marker: M4924−1.02 adjusted p_val 5.7e−54
L222 Marker: M4745−1.02 adjusted p_val 1.1e−
L222 Marker: M5064−1.02 adjusted p_val 1.1e−48
L222 Marker: M5273−1.02 adjusted p_val 1.1e−48
L222 Marker: M4724−1.02 adjusted p_val 1.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

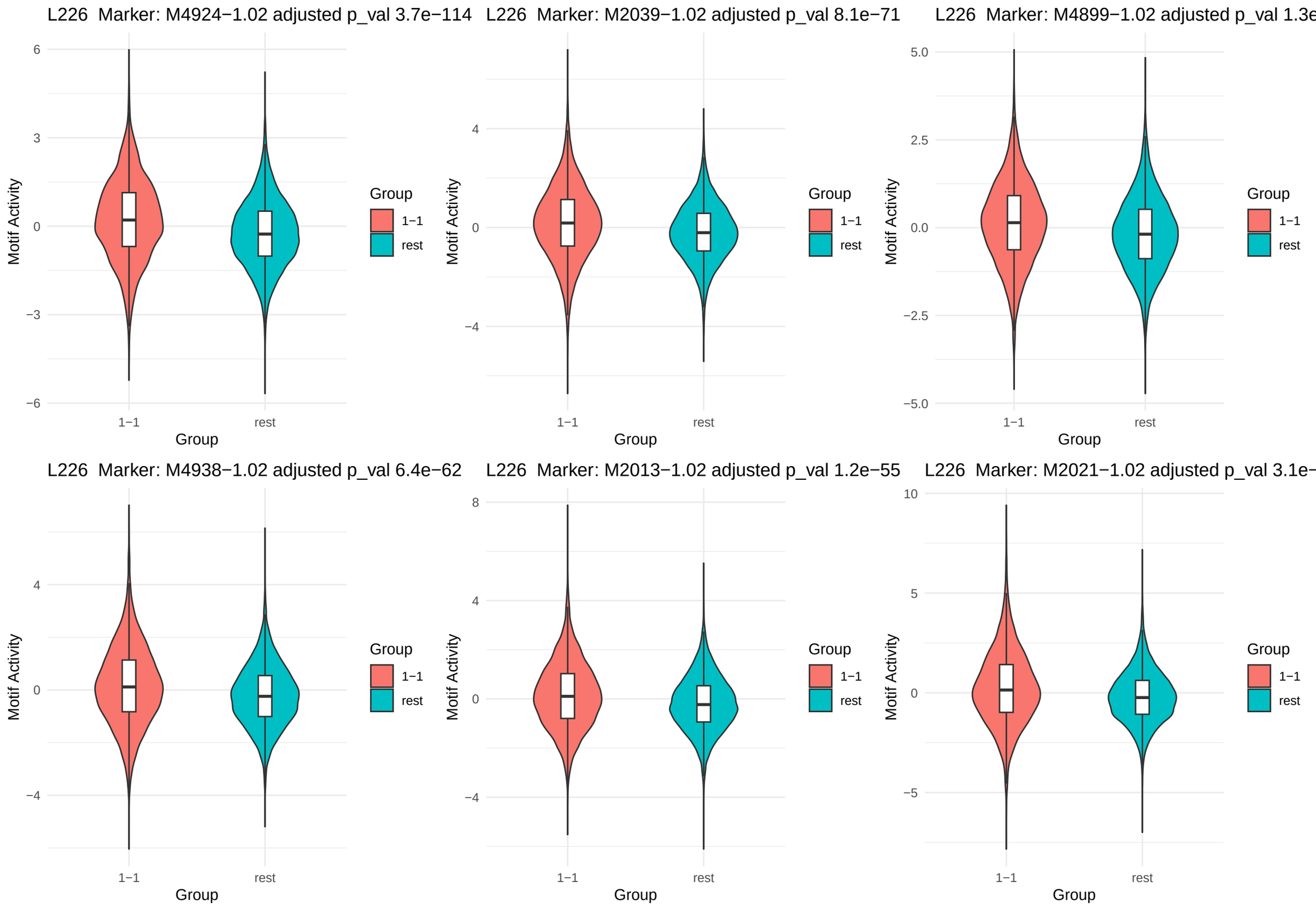

L33 Marker: M1913−1.02 adjusted p_val 7.4e−09
L33 Marker: M4886−1.02 adjusted p_val 1.2e−08
L33 Marker: M4745−1.02 adjusted p_val 4.5e−0
L33 Marker: M5064−1.02 adjusted p_val 4.5e−08
L33 Marker: M5273−1.02 adjusted p_val 4.5e−08
L33 Marker: M4899−1.02 adjusted p_val 6.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

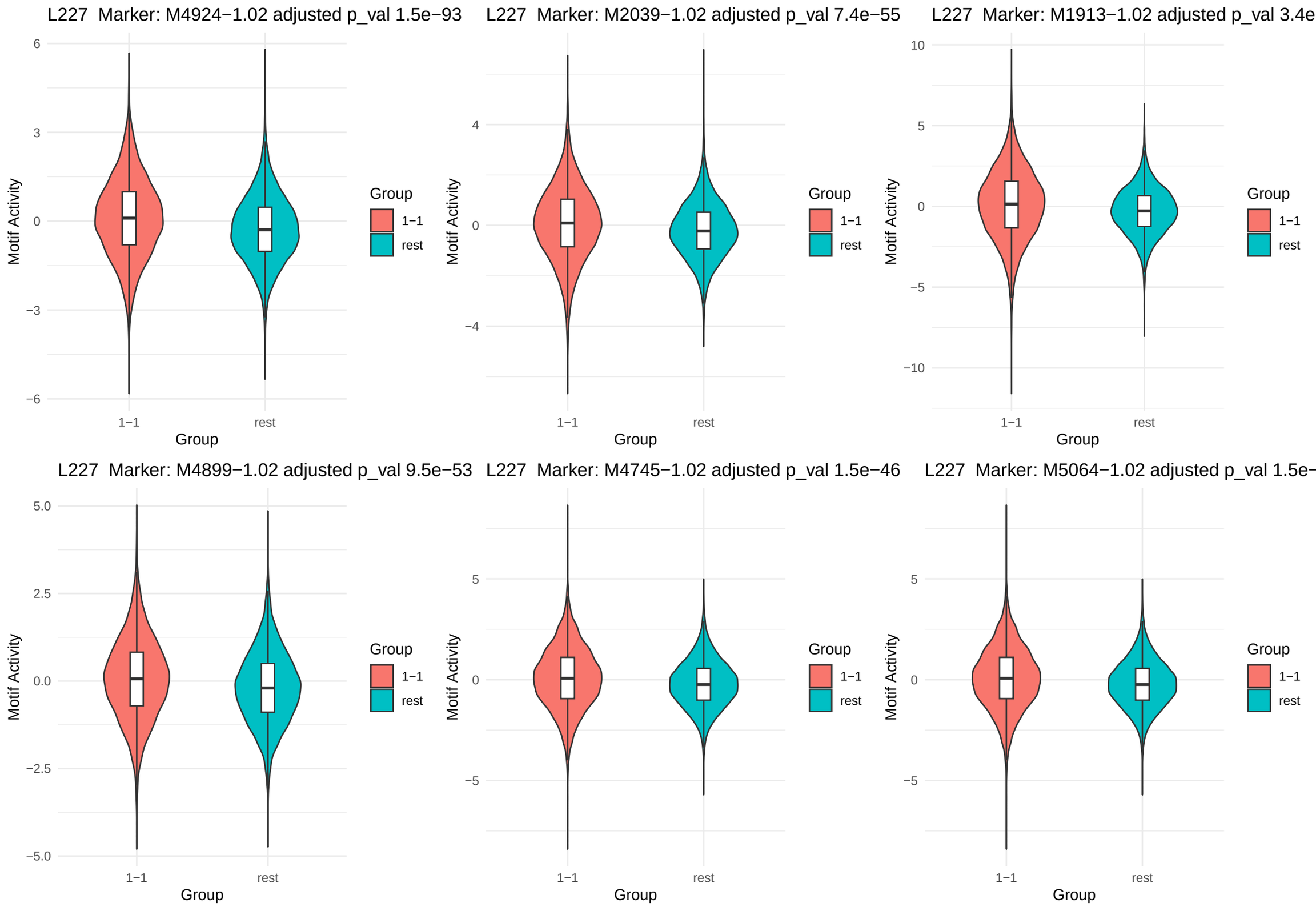

L34 Marker: M4924−1.02 adjusted p_val 2.9e−08
L34 Marker: M2039−1.02 adjusted p_val 1.2e−04
L34 Marker: M4899−1.02 adjusted p_val 2.8e−
L34 Marker: M2021−1.02 adjusted p_val 4.2e−03
L34 Marker: M4886−1.02 adjusted p_val 5.7e−03
L34 Marker: M2013−1.02 adjusted p_val 2.2e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

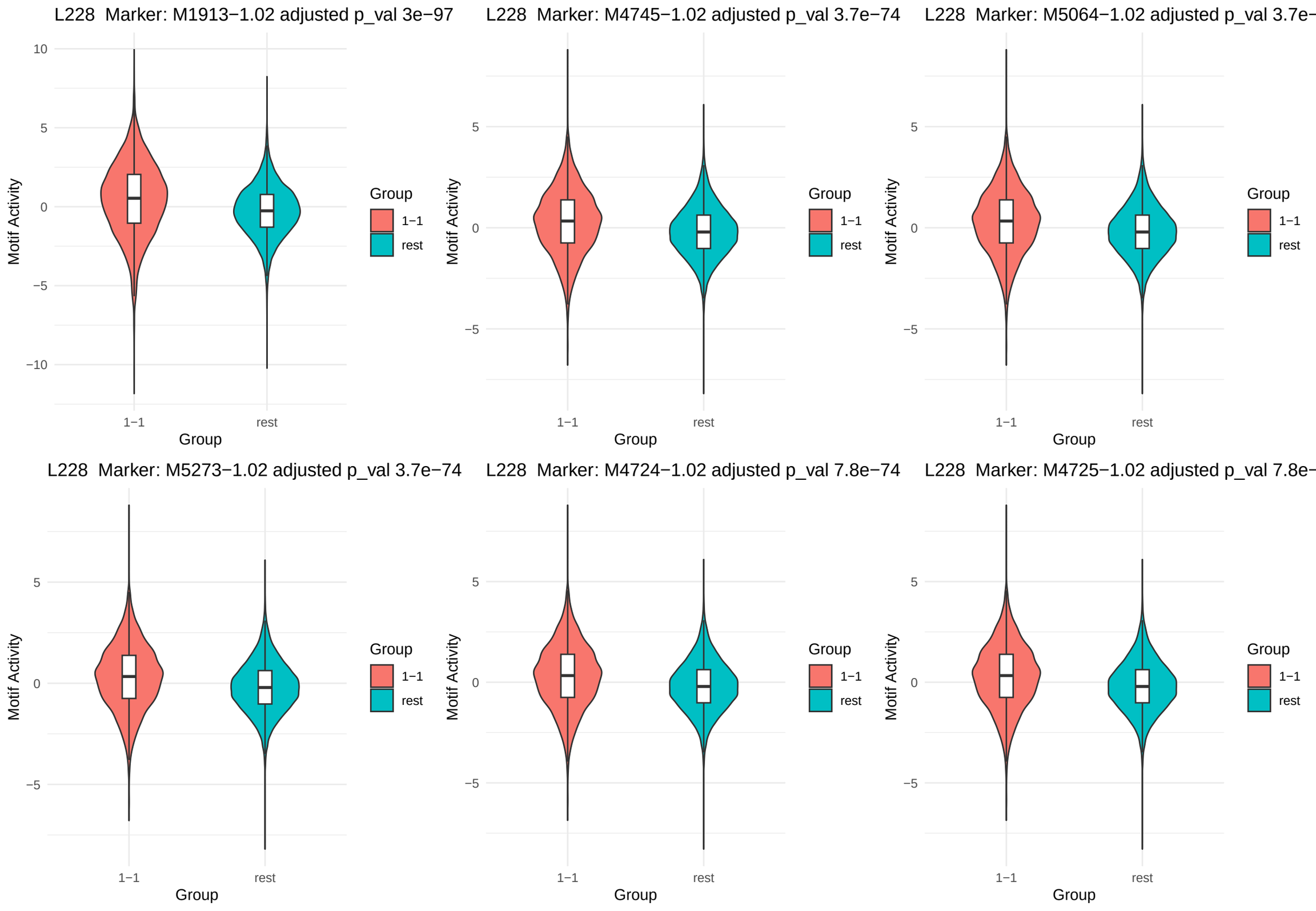

L223 Marker: M4899−1.02 adjusted p_val 1e−20
L223 Marker: M4924−1.02 adjusted p_val 1.7e−13
L223 Marker: M4672−1.02 adjusted p_val 1.2e−
L223 Marker: M4771−1.02 adjusted p_val 5.8e−10
L223 Marker: M4886−1.02 adjusted p_val 5.7e−09
L223 Marker: M4745−1.02 adjusted p_val 8.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

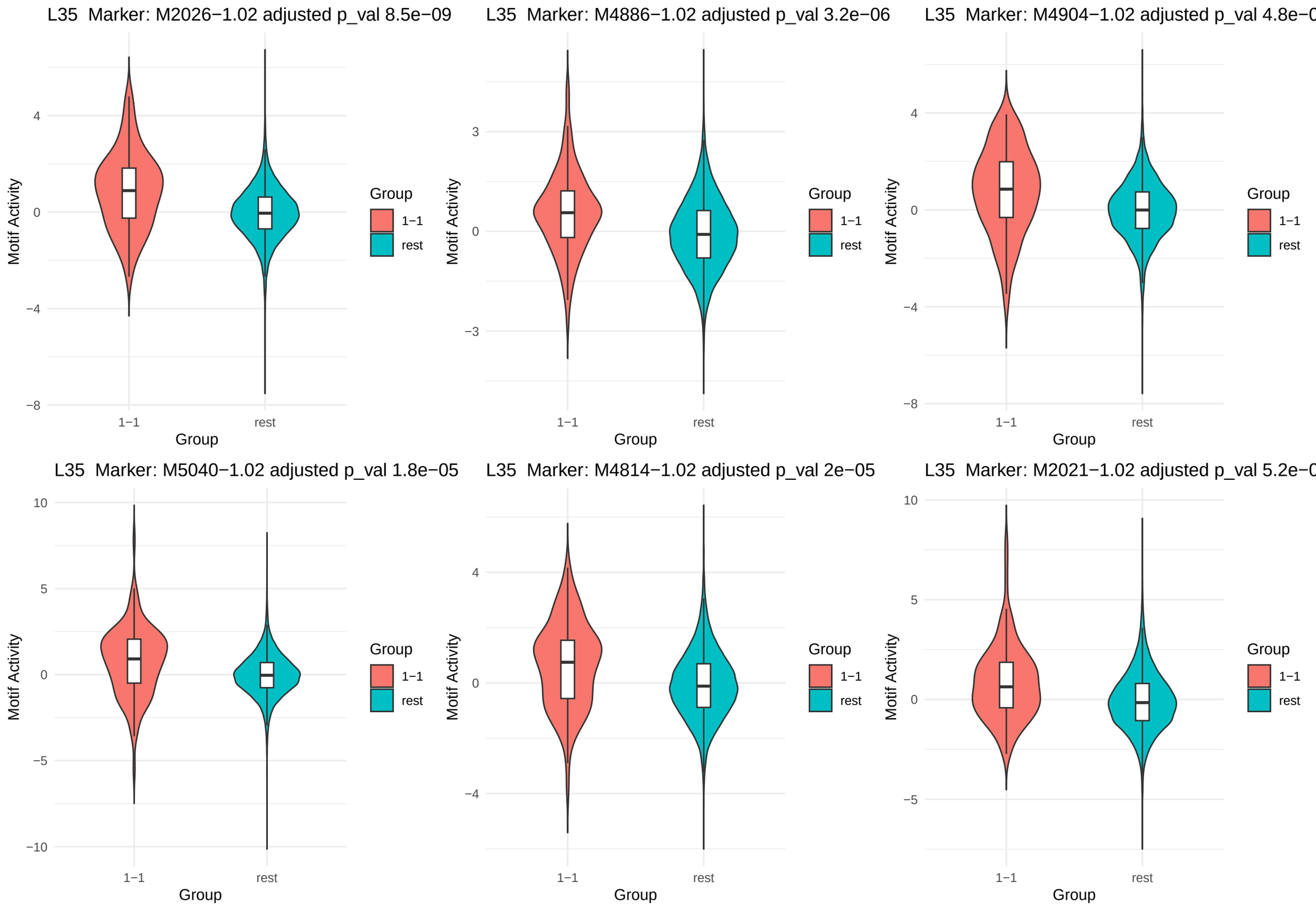

L224 Marker: M4899−1.02 adjusted p_val 2.6e−19
L224 Marker: M4886−1.02 adjusted p_val 7e−12
L224 Marker: M4924−1.02 adjusted p_val 7.1e−
L224 Marker: M4672−1.02 adjusted p_val 1e−10
L224 Marker: M2039−1.02 adjusted p_val 7.1e−10
L224 Marker: M2026−1.02 adjusted p_val 6.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

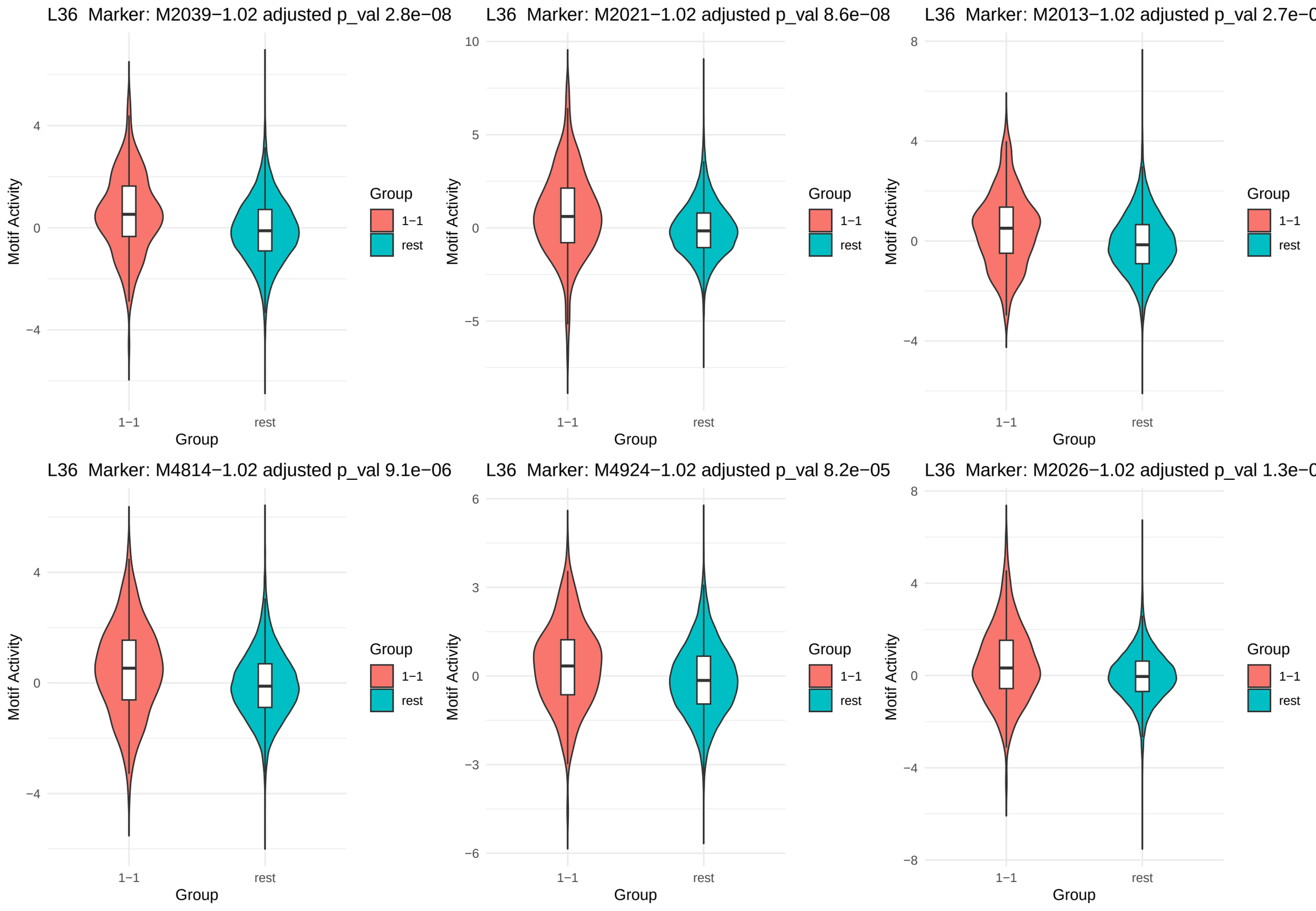

L225 Marker: M2026−1.02 adjusted p_val 2e−07
L225 Marker: M4672−1.02 adjusted p_val 3e−07
L225 Marker: M4886−1.02 adjusted p_val 1e−0
L225 Marker: M4867−1.02 adjusted p_val 4.1e−04
L225 Marker: M4814−1.02 adjusted p_val 1.2e−03
L225 Marker: M4899−1.02 adjusted p_val 3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

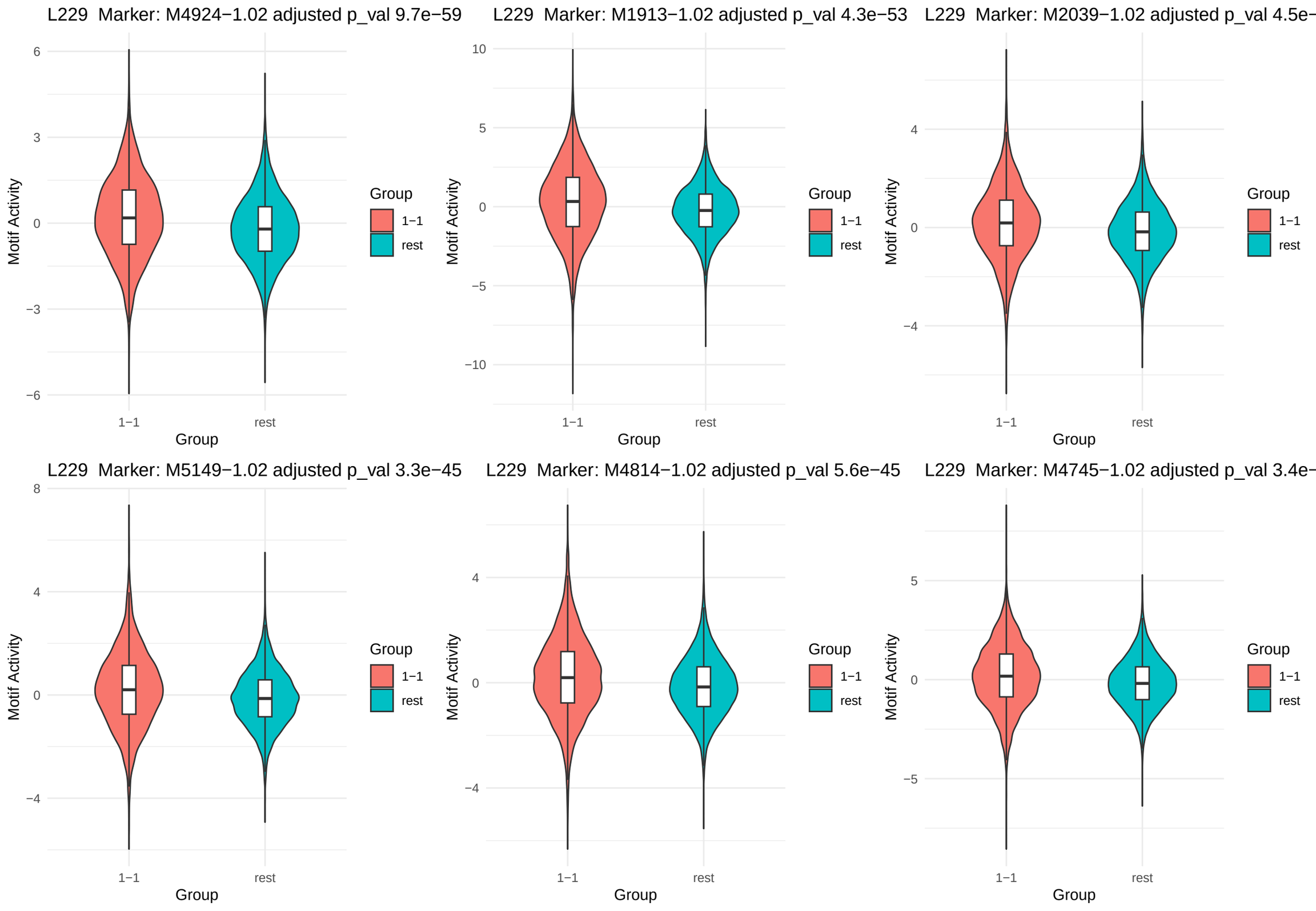

L226 Marker: M4924−1.02 adjusted p_val 3.7e−114
L226 Marker: M2039−1.02 adjusted p_val 8.1e−71
L226 Marker: M4899−1.02 adjusted p_val 1.3e
L226 Marker: M4938−1.02 adjusted p_val 6.4e−62
L226 Marker: M2013−1.02 adjusted p_val 1.2e−55
L226 Marker: M2021−1.02 adjusted p_val 3.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

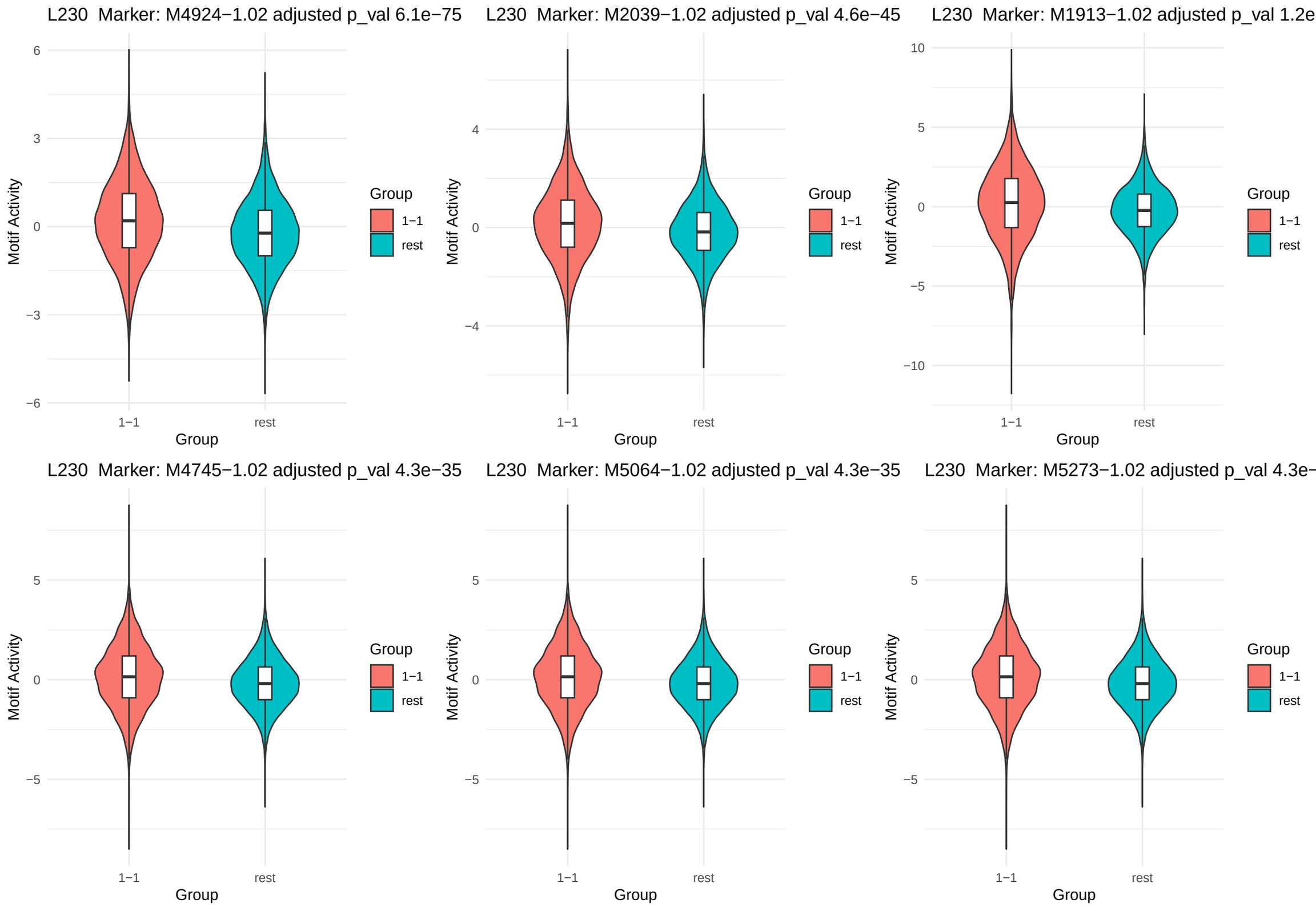

L227 Marker: M4924−1.02 adjusted p_val 1.5e−93
L227 Marker: M2039−1.02 adjusted p_val 7.4e−55
L227 Marker: M1913−1.02 adjusted p_val 3.4e
L227 Marker: M4899−1.02 adjusted p_val 9.5e−53
L227 Marker: M4745−1.02 adjusted p_val 1.5e−46
L227 Marker: M5064−1.02 adjusted p_val 1.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

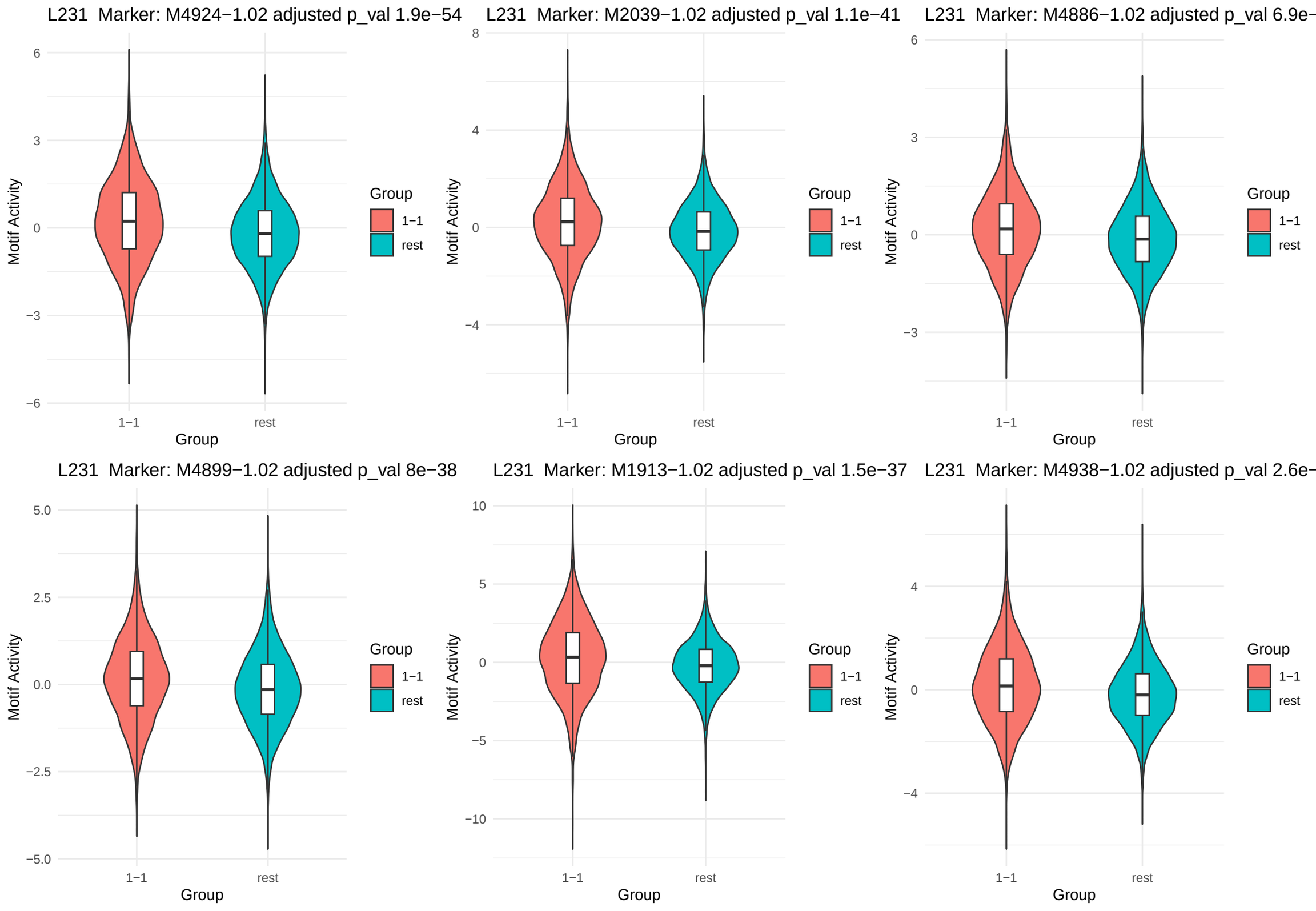

L228 Marker: M1913−1.02 adjusted p_val 3e−97
L228 Marker: M4745−1.02 adjusted p_val 3.7e−74
L228 Marker: M5064−1.02 adjusted p_val 3.7e−
L228 Marker: M5273−1.02 adjusted p_val 3.7e−74
L228 Marker: M4724−1.02 adjusted p_val 7.8e−74
L228 Marker: M4725−1.02 adjusted p_val 7.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

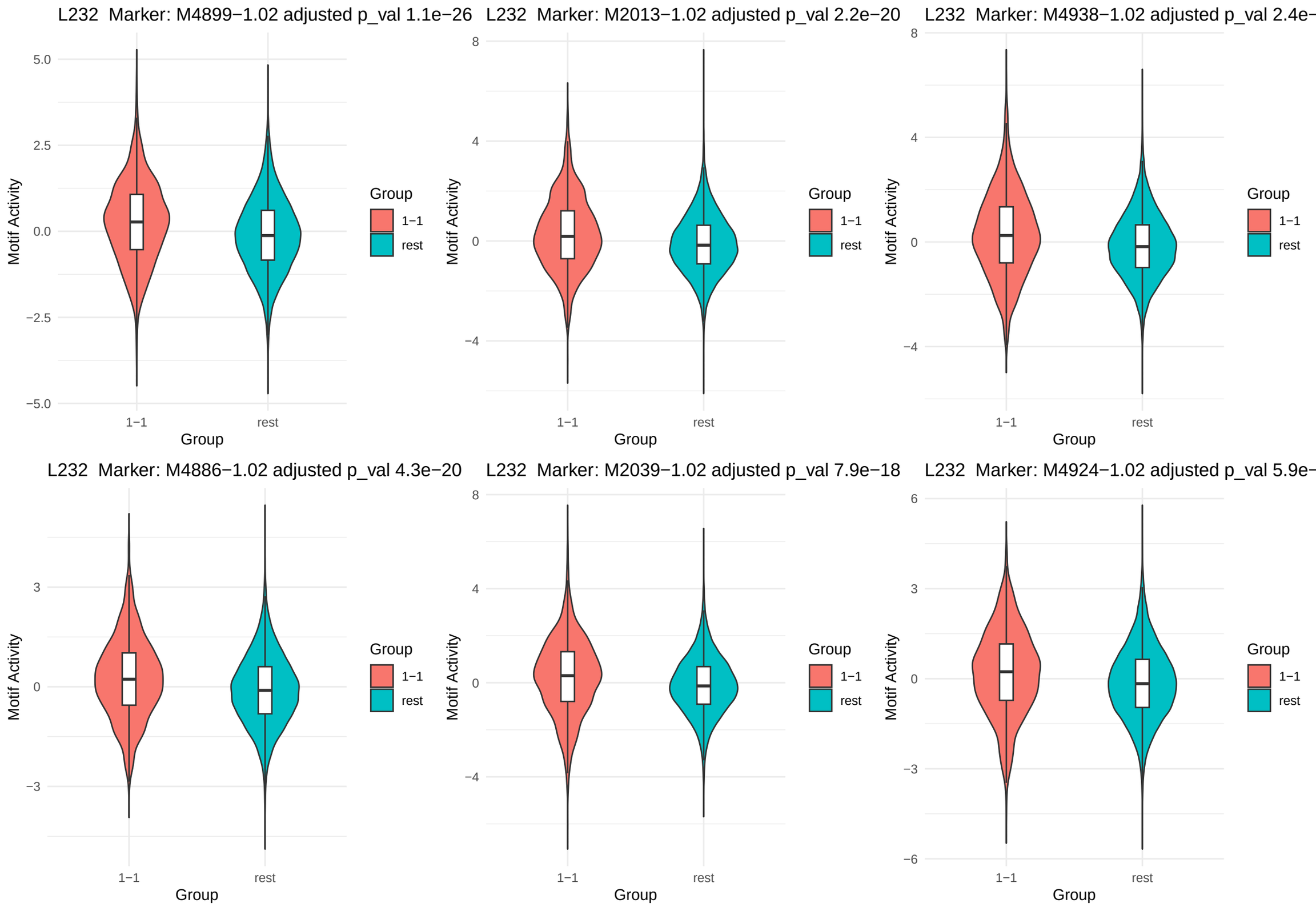

L35 Marker: M2026−1.02 adjusted p_val 8.5e−09
L35 Marker: M4886−1.02 adjusted p_val 3.2e−06
L35 Marker: M4904−1.02 adjusted p_val 4.8e−0
L35 Marker: M5040−1.02 adjusted p_val 1.8e−05
L35 Marker: M4814−1.02 adjusted p_val 2e−05
L35 Marker: M2021−1.02 adjusted p_val 5.2e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

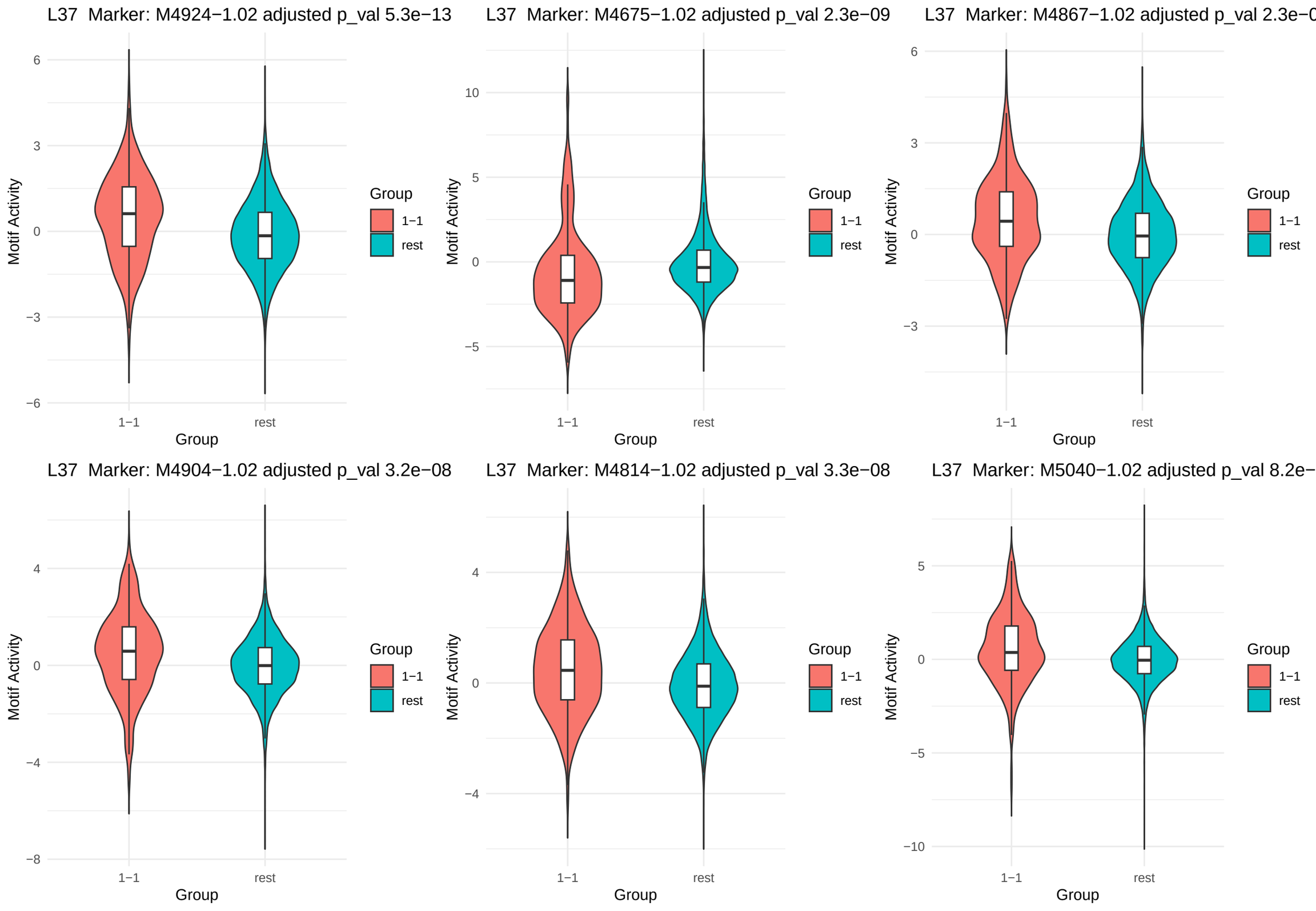

L36 Marker: M2039−1.02 adjusted p_val 2.8e−08
L36 Marker: M2021−1.02 adjusted p_val 8.6e−08
L36 Marker: M2013−1.02 adjusted p_val 2.7e−0
L36 Marker: M4814−1.02 adjusted p_val 9.1e−06
L36 Marker: M4924−1.02 adjusted p_val 8.2e−05
L36 Marker: M2026−1.02 adjusted p_val 1.3e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

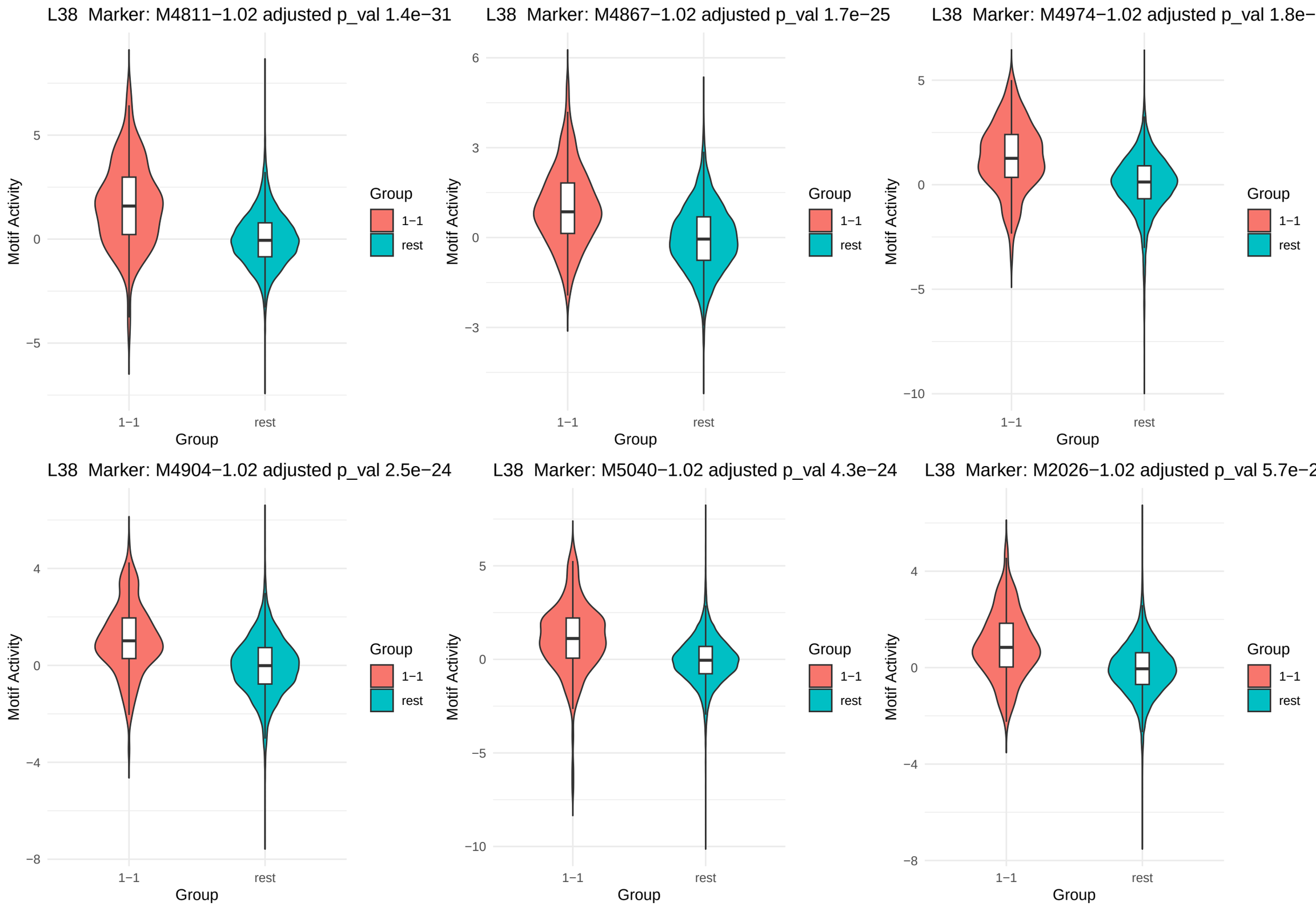

L229 Marker: M4924−1.02 adjusted p_val 9.7e−59
L229 Marker: M1913−1.02 adjusted p_val 4.3e−53
L229 Marker: M2039−1.02 adjusted p_val 4.5e−
L229 Marker: M5149−1.02 adjusted p_val 3.3e−45
L229 Marker: M4814−1.02 adjusted p_val 5.6e−45
L229 Marker: M4745−1.02 adjusted p_val 3.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

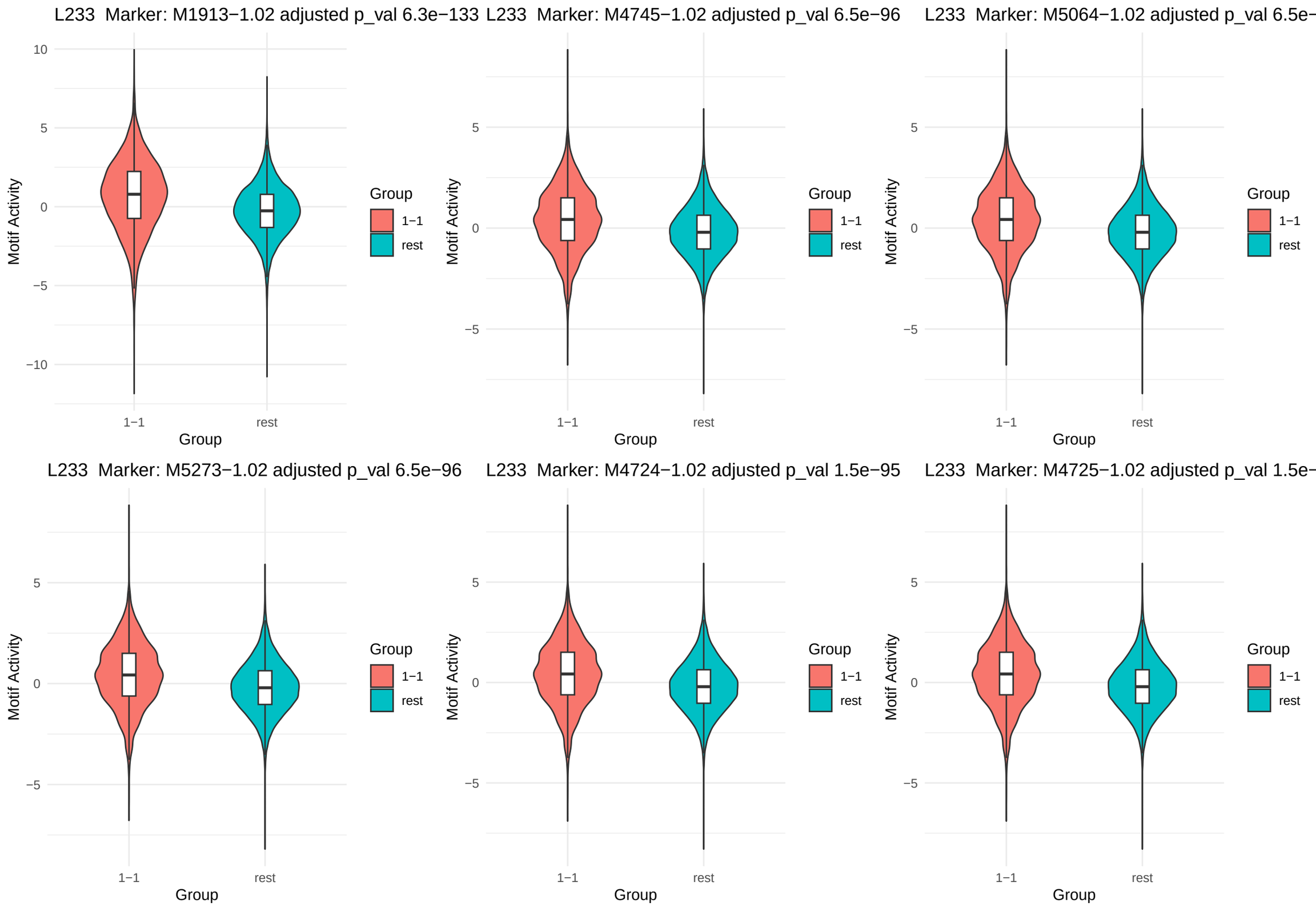

L230 Marker: M4924−1.02 adjusted p_val 6.1e−75
L230 Marker: M2039−1.02 adjusted p_val 4.6e−45
L230 Marker: M1913−1.02 adjusted p_val 1.2e
L230 Marker: M4745−1.02 adjusted p_val 4.3e−35
L230 Marker: M5064−1.02 adjusted p_val 4.3e−35
L230 Marker: M5273−1.02 adjusted p_val 4.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

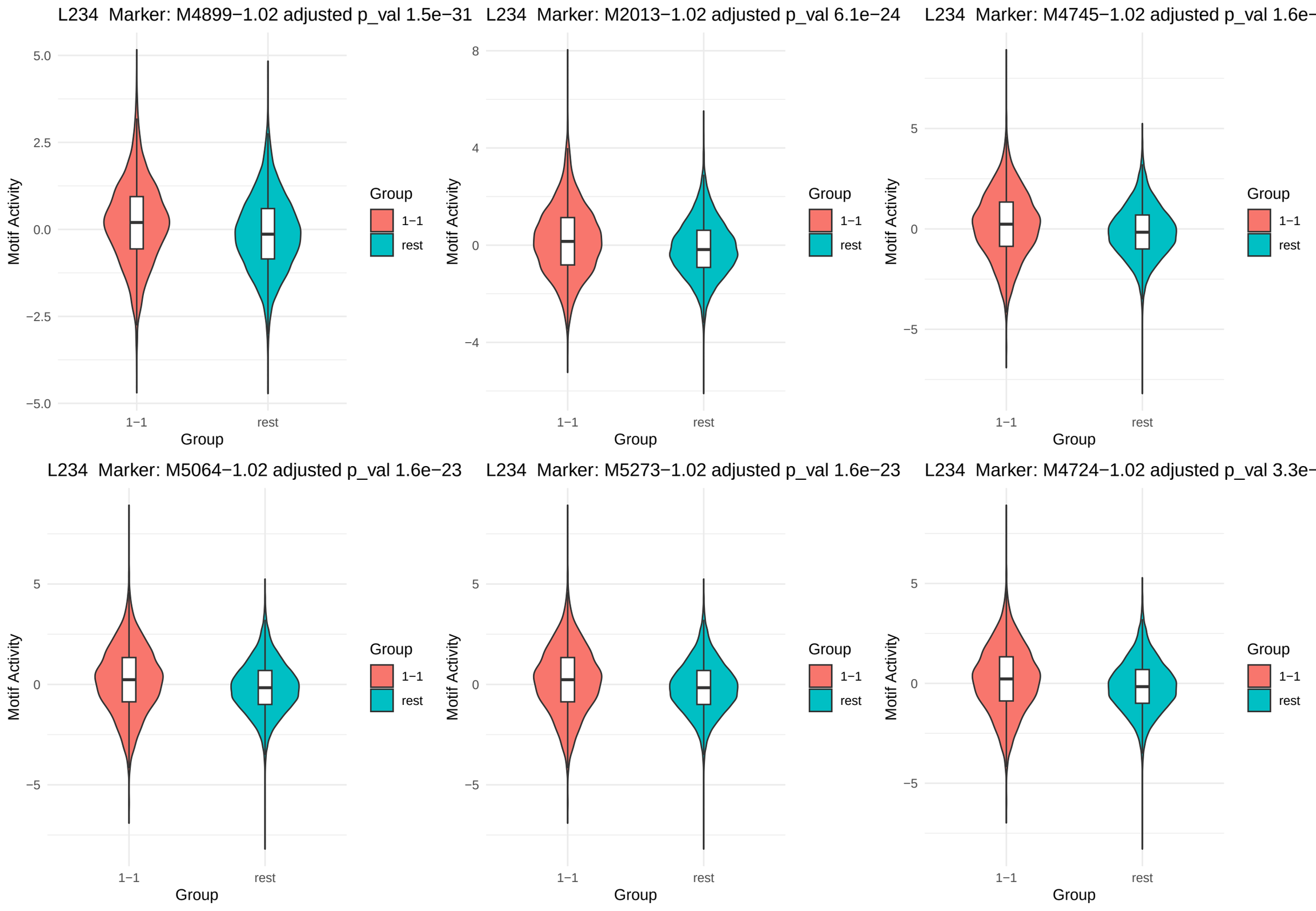

L231 Marker: M4924−1.02 adjusted p_val 1.9e−54
L231 Marker: M2039−1.02 adjusted p_val 1.1e−41
L231 Marker: M4886−1.02 adjusted p_val 6.9e−
L231 Marker: M4899−1.02 adjusted p_val 8e−38
L231 Marker: M1913−1.02 adjusted p_val 1.5e−37
L231 Marker: M4938−1.02 adjusted p_val 2.6e−
Motif Activity
Group
1−1
rest

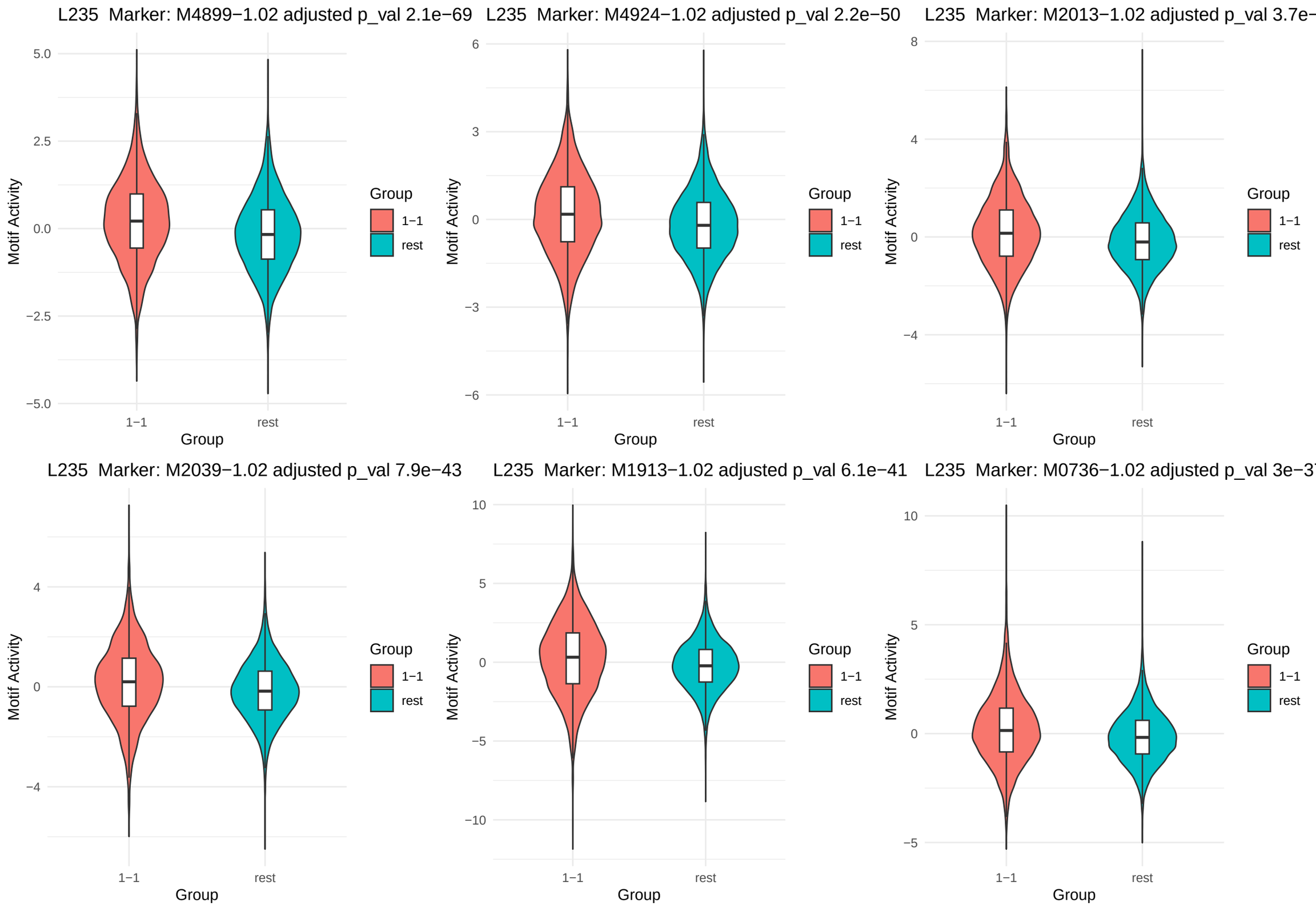

L232 Marker: M4899−1.02 adjusted p_val 1.1e−26
L232 Marker: M2013−1.02 adjusted p_val 2.2e−20
L232 Marker: M4938−1.02 adjusted p_val 2.4e−
L232 Marker: M4886−1.02 adjusted p_val 4.3e−20
L232 Marker: M2039−1.02 adjusted p_val 7.9e−18
L232 Marker: M4924−1.02 adjusted p_val 5.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

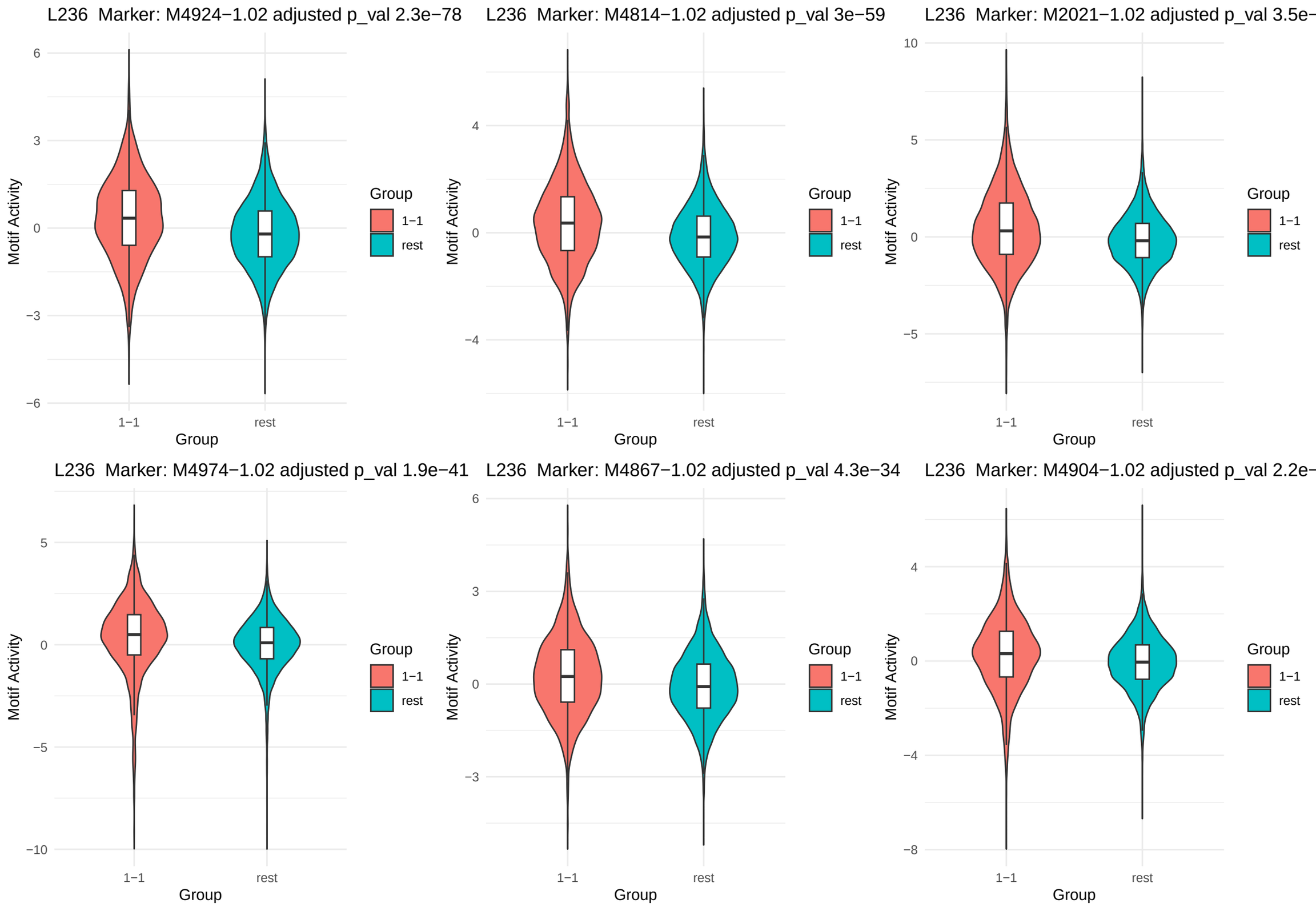

L37 Marker: M4924−1.02 adjusted p_val 5.3e−13
L37 Marker: M4675−1.02 adjusted p_val 2.3e−09
L37 Marker: M4867−1.02 adjusted p_val 2.3e−0
L37 Marker: M4904−1.02 adjusted p_val 3.2e−08
L37 Marker: M4814−1.02 adjusted p_val 3.3e−08
L37 Marker: M5040−1.02 adjusted p_val 8.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

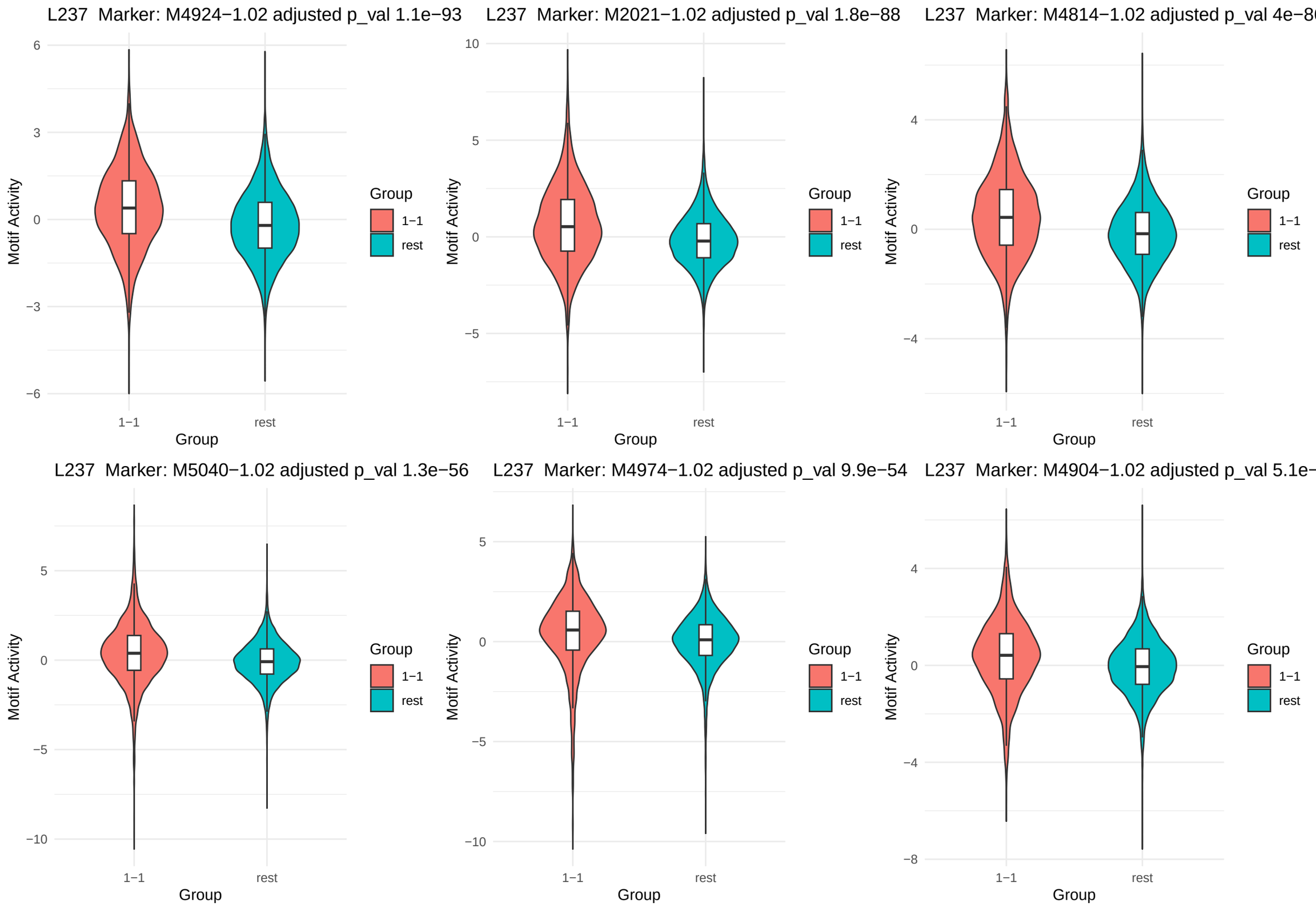

L38 Marker: M4811−1.02 adjusted p_val 1.4e−31
L38 Marker: M4867−1.02 adjusted p_val 1.7e−25
L38 Marker: M4974−1.02 adjusted p_val 1.8e−
L38 Marker: M4904−1.02 adjusted p_val 2.5e−24
L38 Marker: M5040−1.02 adjusted p_val 4.3e−24
L38 Marker: M2026−1.02 adjusted p_val 5.7e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

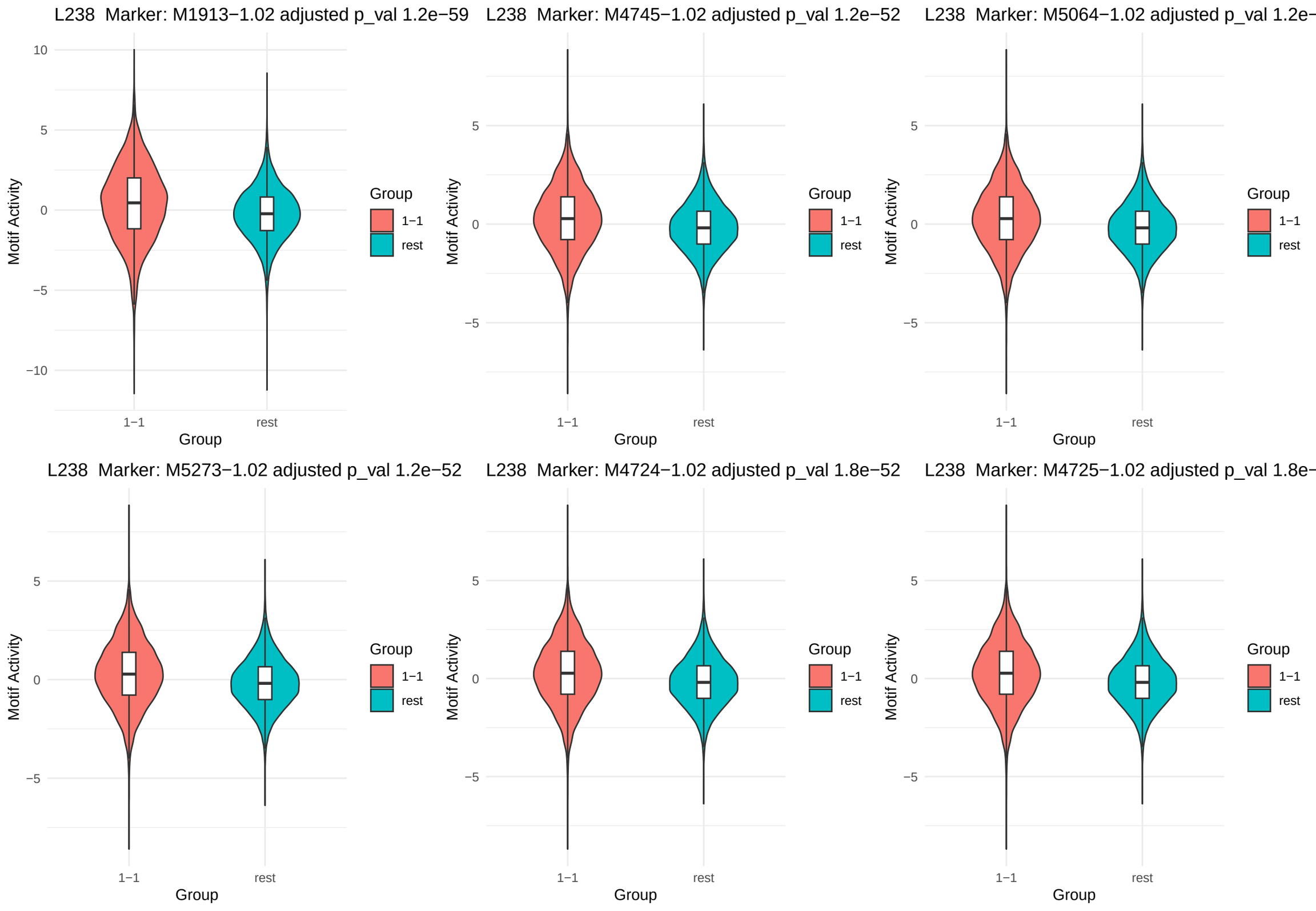

L233 Marker: M1913−1.02 adjusted p_val 6.3e−133
L233 Marker: M4745−1.02 adjusted p_val 6.5e−96
L233 Marker: M5064−1.02 adjusted p_val 6.5e−
L233 Marker: M5273−1.02 adjusted p_val 6.5e−96
L233 Marker: M4724−1.02 adjusted p_val 1.5e−95
L233 Marker: M4725−1.02 adjusted p_val 1.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

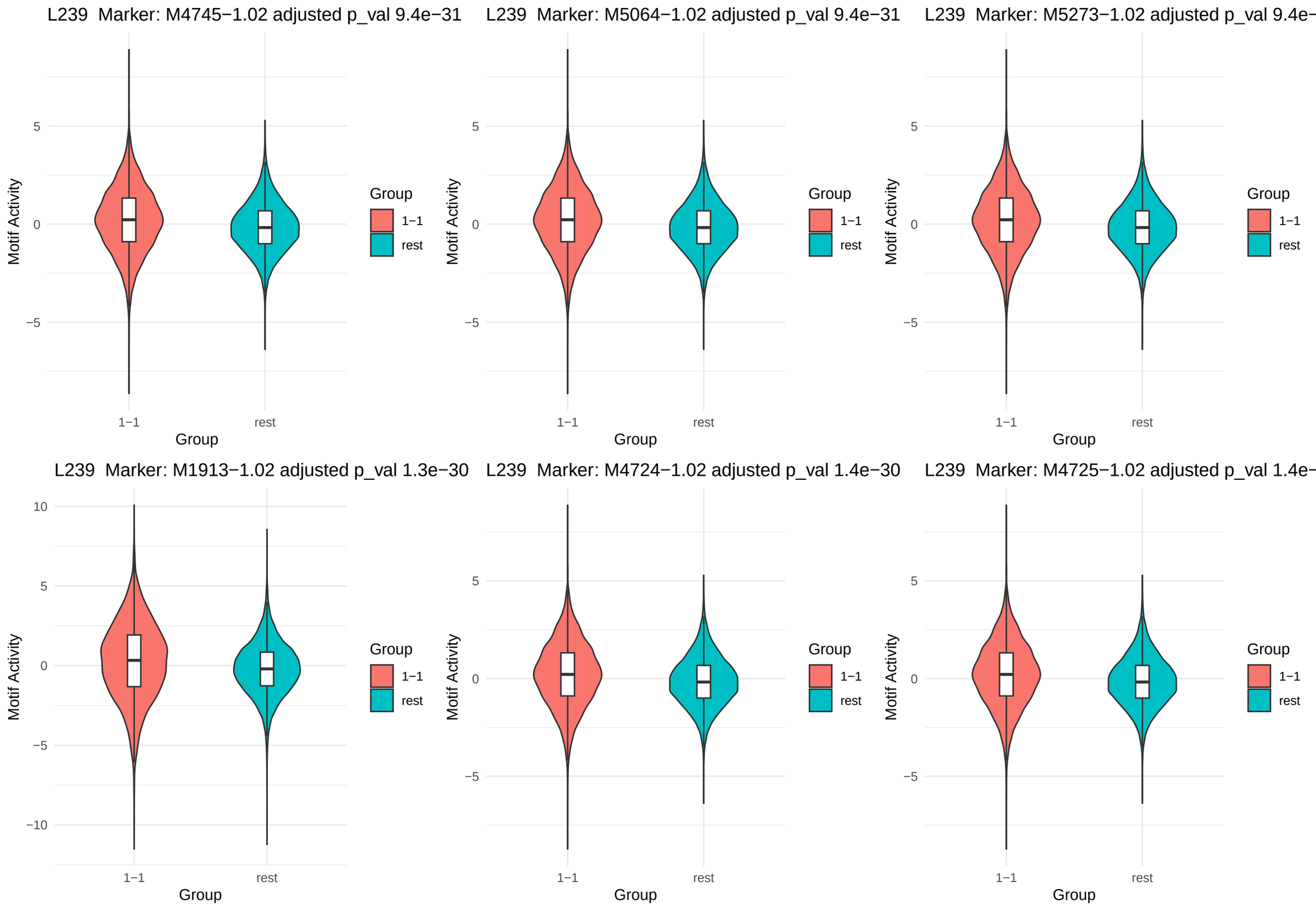

L234 Marker: M4899−1.02 adjusted p_val 1.5e−31
L234 Marker: M2013−1.02 adjusted p_val 6.1e−24
L234 Marker: M4745−1.02 adjusted p_val 1.6e−
L234 Marker: M5064−1.02 adjusted p_val 1.6e−23
L234 Marker: M5273−1.02 adjusted p_val 1.6e−23
L234 Marker: M4724−1.02 adjusted p_val 3.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

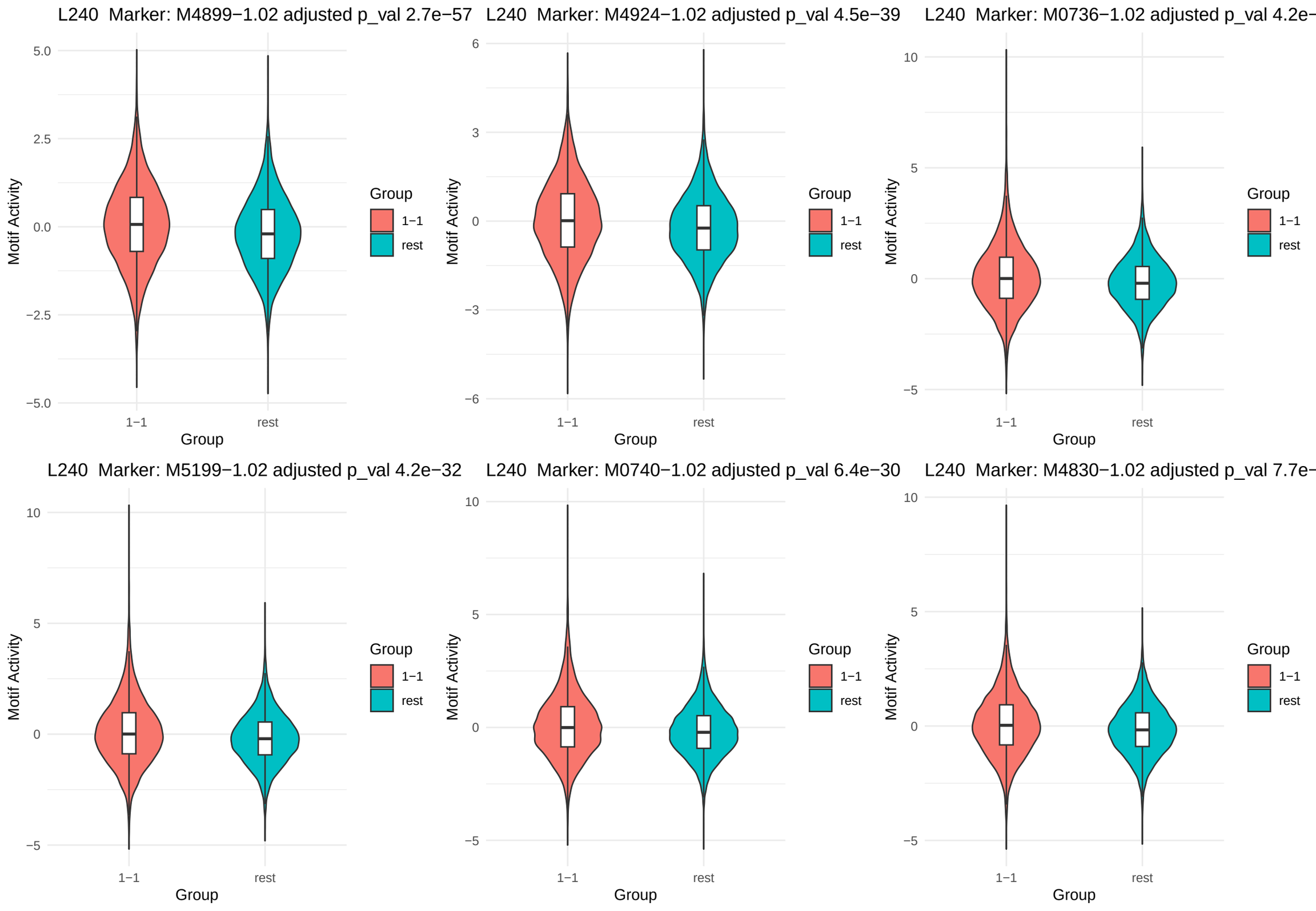

L235 Marker: M4899−1.02 adjusted p_val 2.1e−69
L235 Marker: M4924−1.02 adjusted p_val 2.2e−50
L235 Marker: M2013−1.02 adjusted p_val 3.7e−
L235 Marker: M2039−1.02 adjusted p_val 7.9e−43
L235 Marker: M1913−1.02 adjusted p_val 6.1e−41
L235 Marker: M0736−1.02 adjusted p_val 3e−3
Motif Activity
Group
1−1
rest
Group
1−1
rest

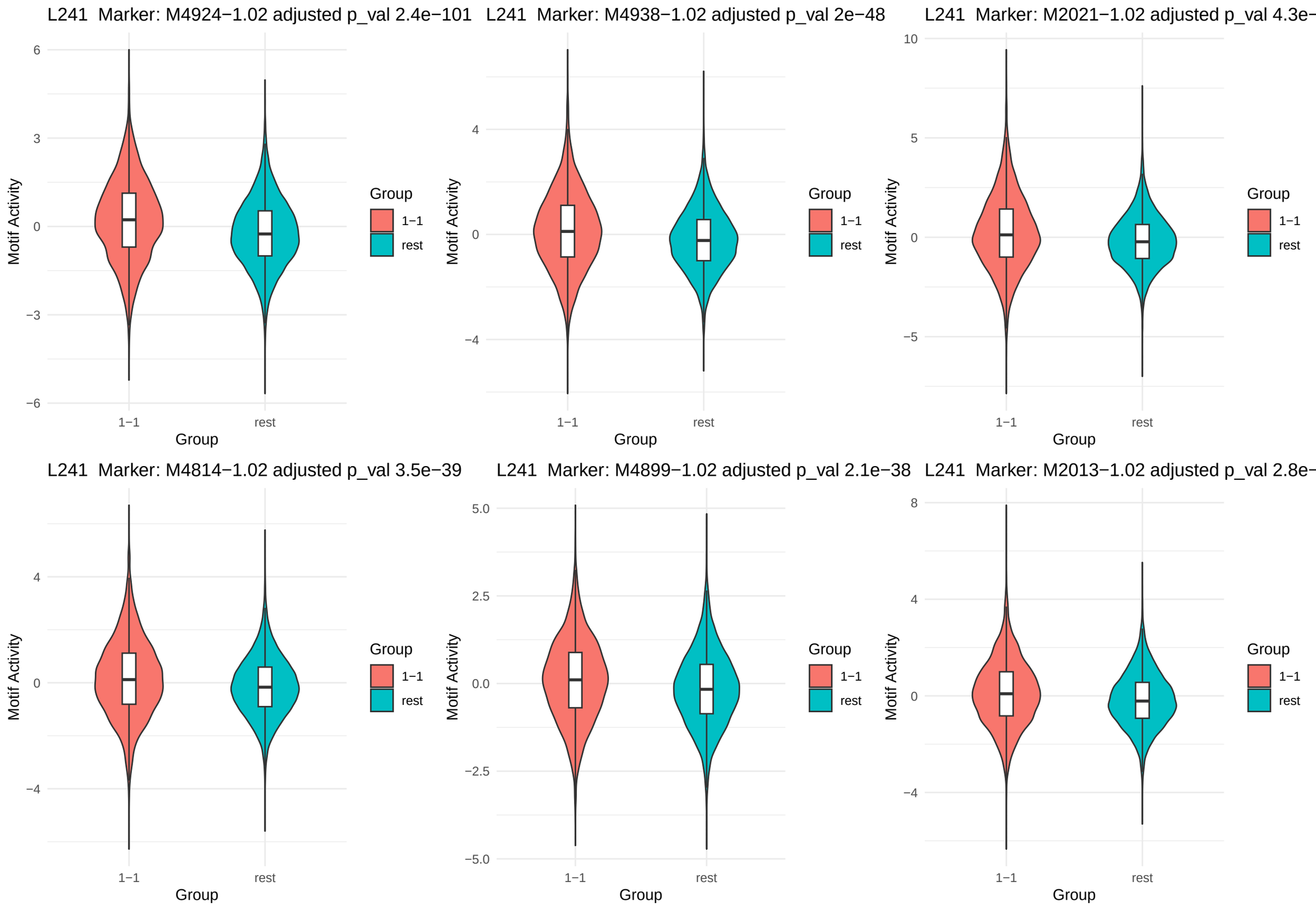

L236 Marker: M4924−1.02 adjusted p_val 2.3e−78
L236 Marker: M4814−1.02 adjusted p_val 3e−59
L236 Marker: M2021−1.02 adjusted p_val 3.5e−
L236 Marker: M4974−1.02 adjusted p_val 1.9e−41
L236 Marker: M4867−1.02 adjusted p_val 4.3e−34
L236 Marker: M4904−1.02 adjusted p_val 2.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

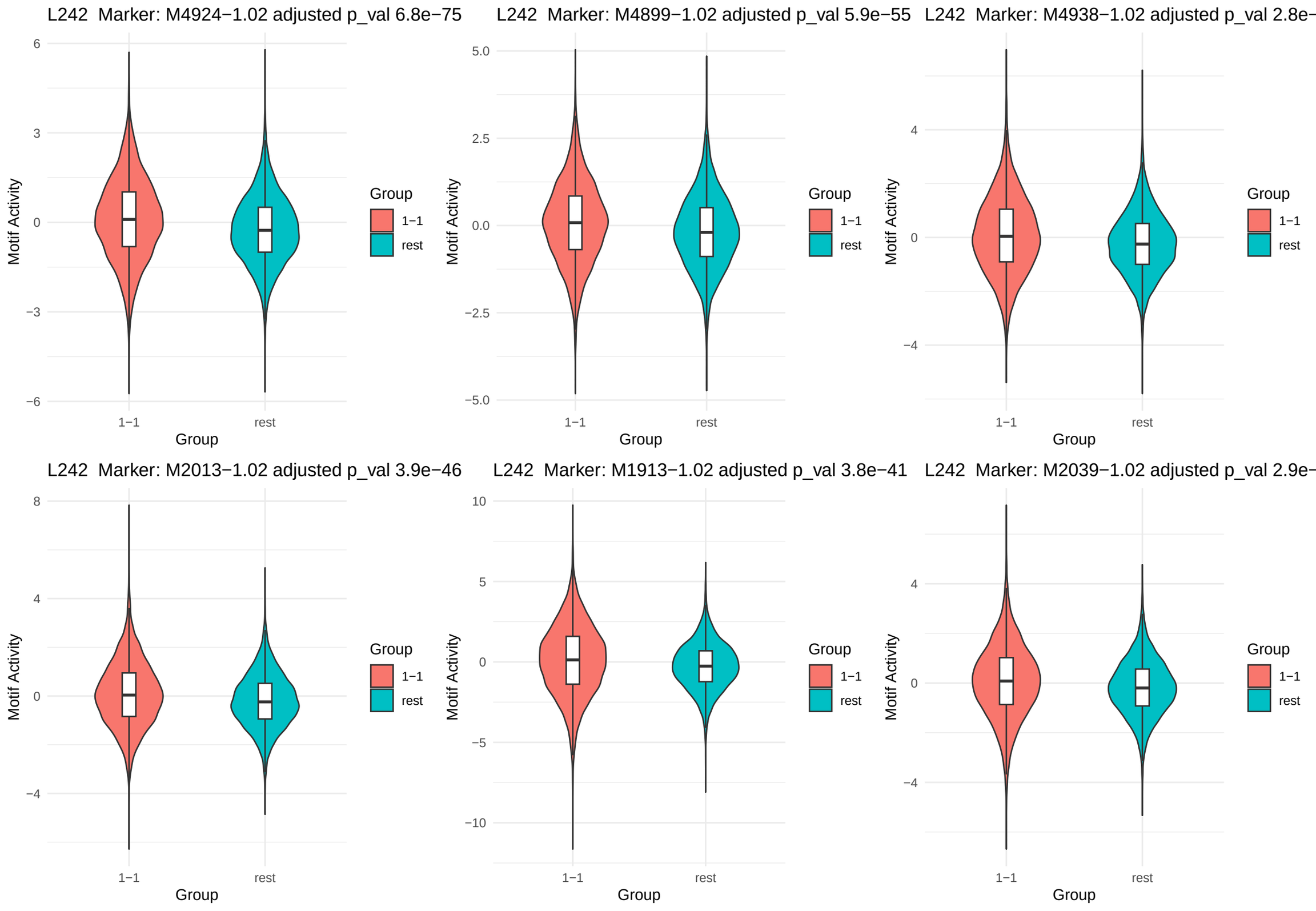

L237 Marker: M4924−1.02 adjusted p_val 1.1e−93
L237 Marker: M2021−1.02 adjusted p_val 1.8e−88
L237 Marker: M4814−1.02 adjusted p_val 4e−8
L237 Marker: M5040−1.02 adjusted p_val 1.3e−56
L237 Marker: M4974−1.02 adjusted p_val 9.9e−54
L237 Marker: M4904−1.02 adjusted p_val 5.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

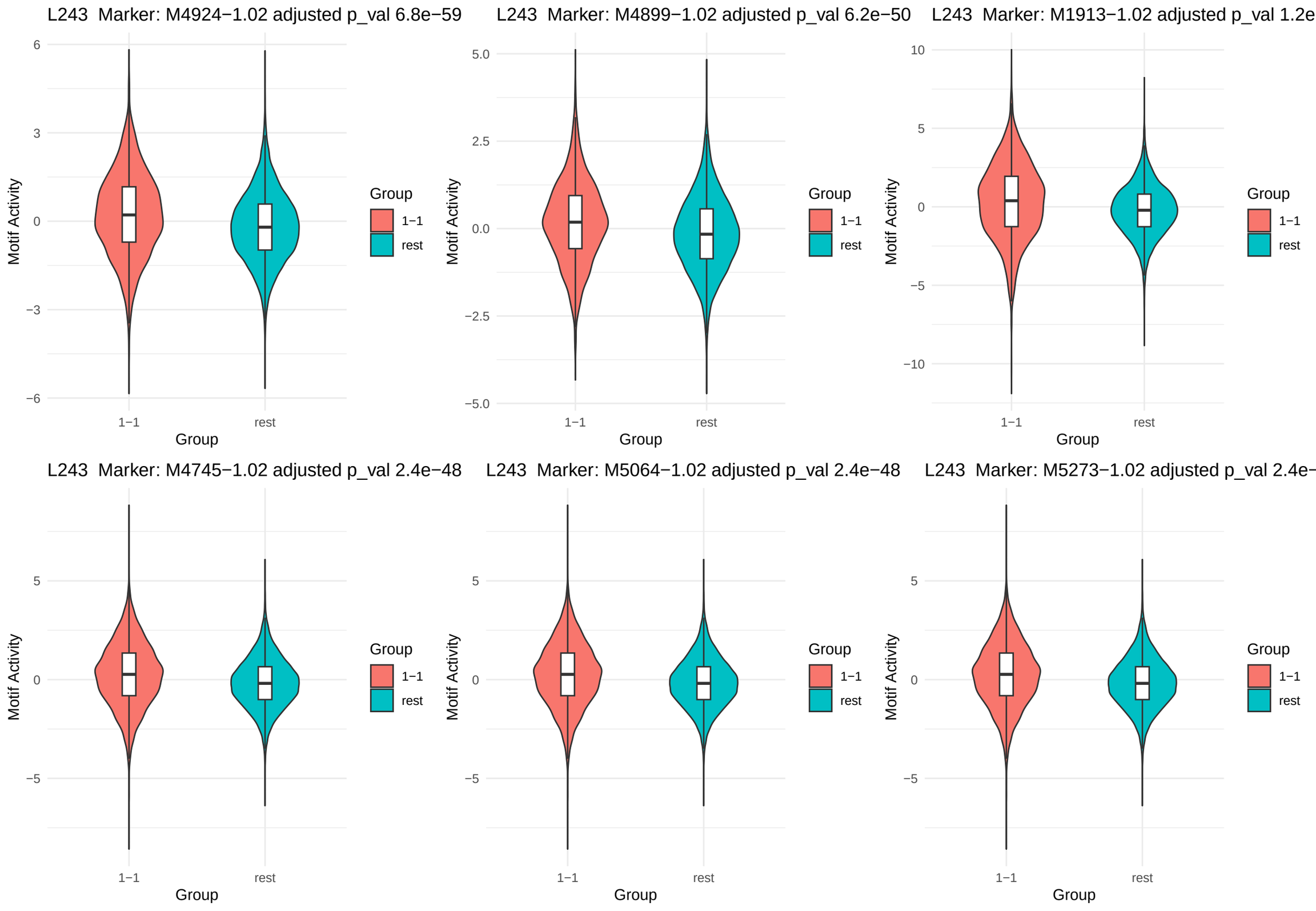

L238 Marker: M1913−1.02 adjusted p_val 1.2e−59
L238 Marker: M4745−1.02 adjusted p_val 1.2e−52
L238 Marker: M5064−1.02 adjusted p_val 1.2e−
L238 Marker: M5273−1.02 adjusted p_val 1.2e−52
L238 Marker: M4724−1.02 adjusted p_val 1.8e−52
L238 Marker: M4725−1.02 adjusted p_val 1.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

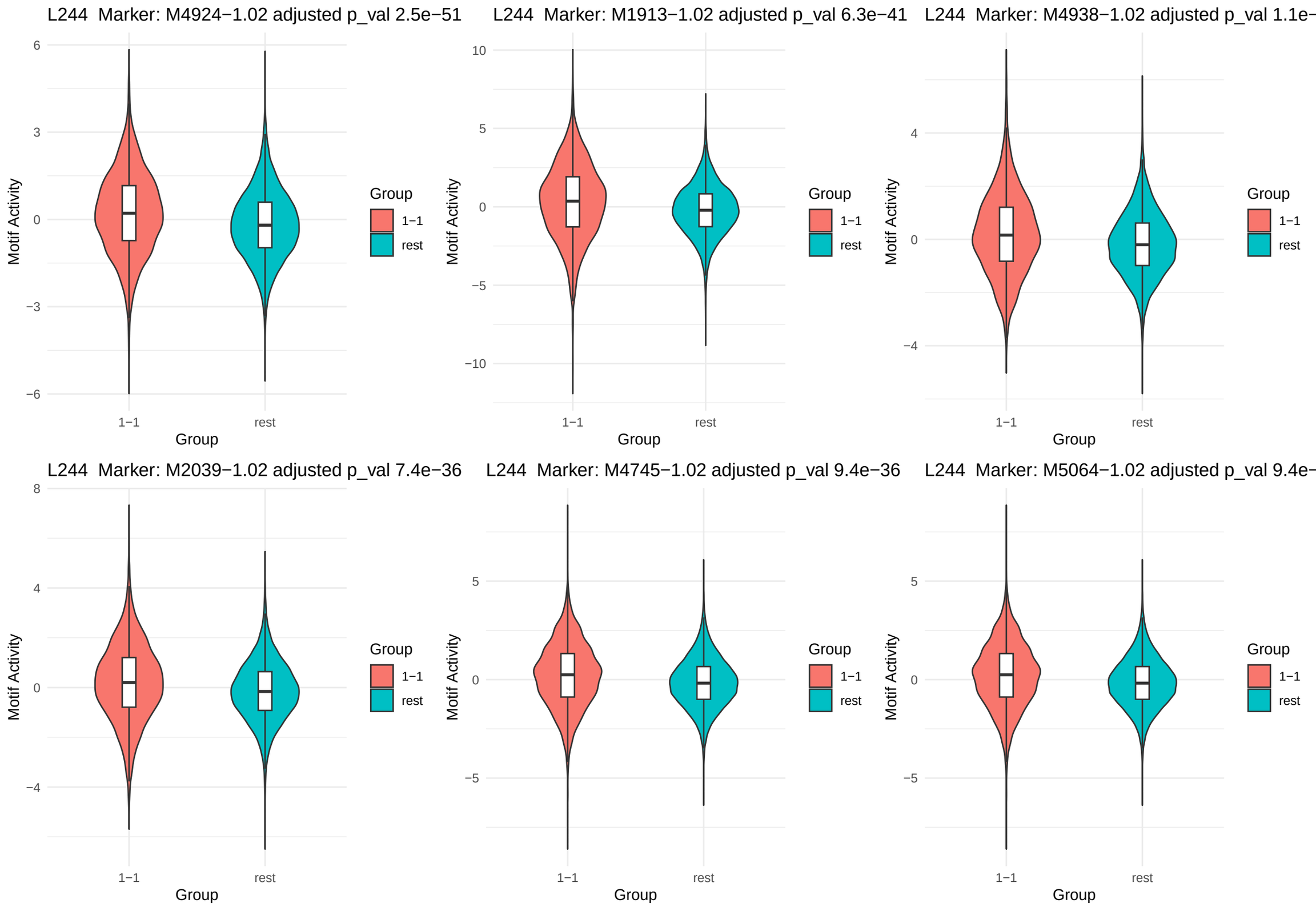

L239 Marker: M4745−1.02 adjusted p_val 9.4e−31
L239 Marker: M5064−1.02 adjusted p_val 9.4e−31
L239 Marker: M5273−1.02 adjusted p_val 9.4e−
L239 Marker: M1913−1.02 adjusted p_val 1.3e−30
L239 Marker: M4724−1.02 adjusted p_val 1.4e−30
L239 Marker: M4725−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest
10
5
0
−5
−10

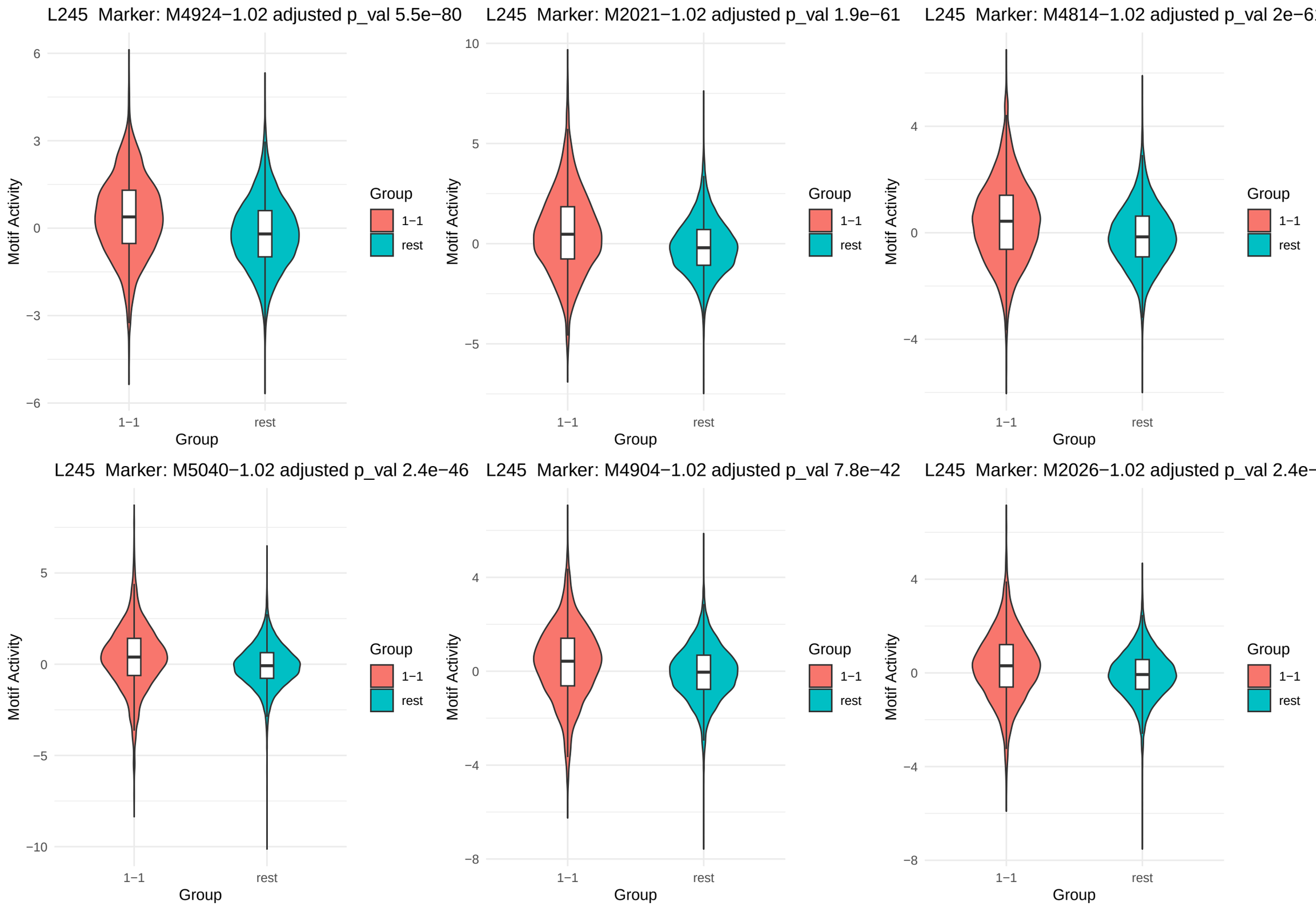

L240 Marker: M4899−1.02 adjusted p_val 2.7e−57
L240 Marker: M4924−1.02 adjusted p_val 4.5e−39
L240 Marker: M0736−1.02 adjusted p_val 4.2e−
L240 Marker: M5199−1.02 adjusted p_val 4.2e−32
L240 Marker: M0740−1.02 adjusted p_val 6.4e−30
L240 Marker: M4830−1.02 adjusted p_val 7.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

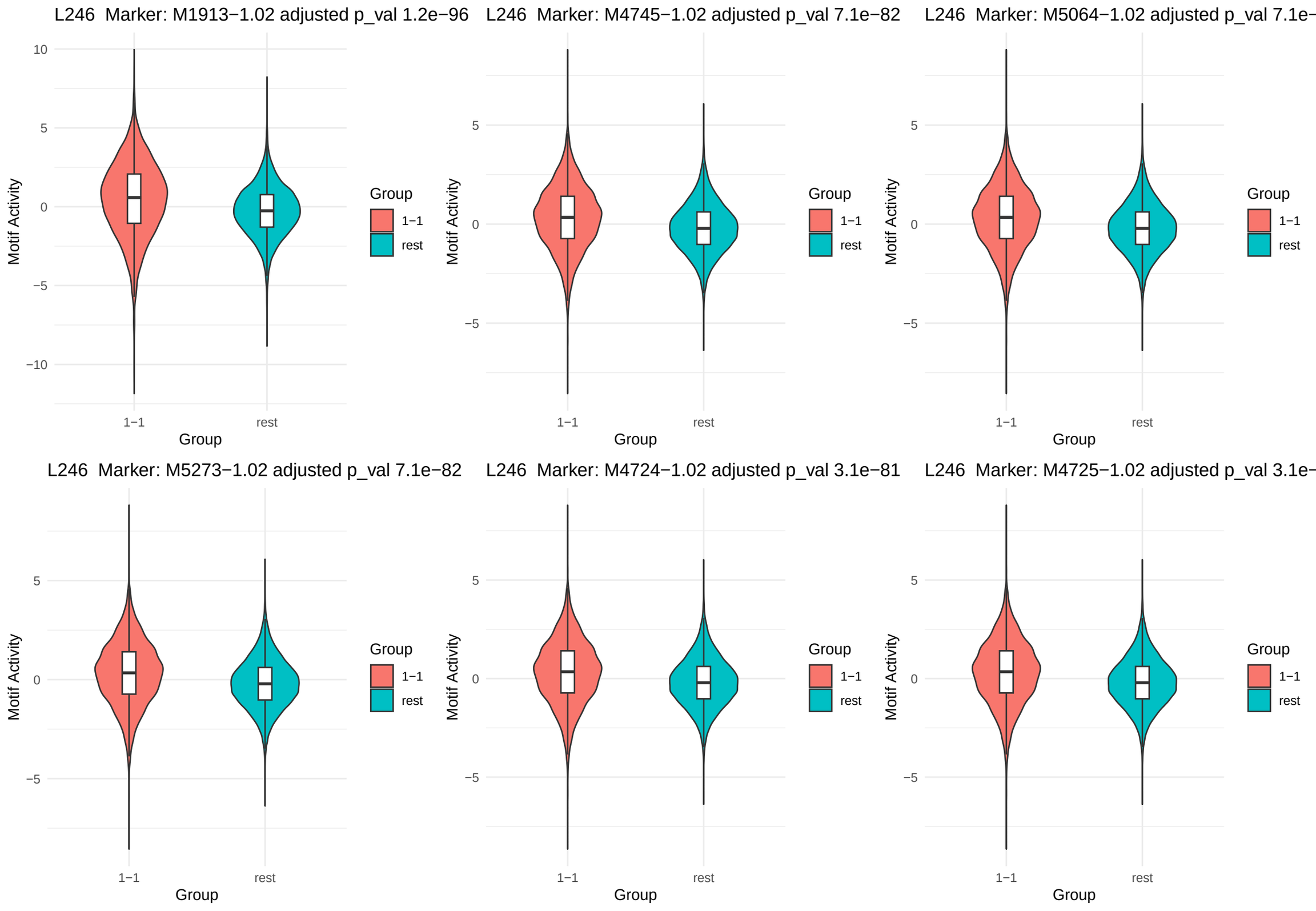

L241 Marker: M4924−1.02 adjusted p_val 2.4e−101
L241 Marker: M4938−1.02 adjusted p_val 2e−48
L241 Marker: M2021−1.02 adjusted p_val 4.3e−
L241 Marker: M4814−1.02 adjusted p_val 3.5e−39
L241 Marker: M4899−1.02 adjusted p_val 2.1e−38
L241 Marker: M2013−1.02 adjusted p_val 2.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

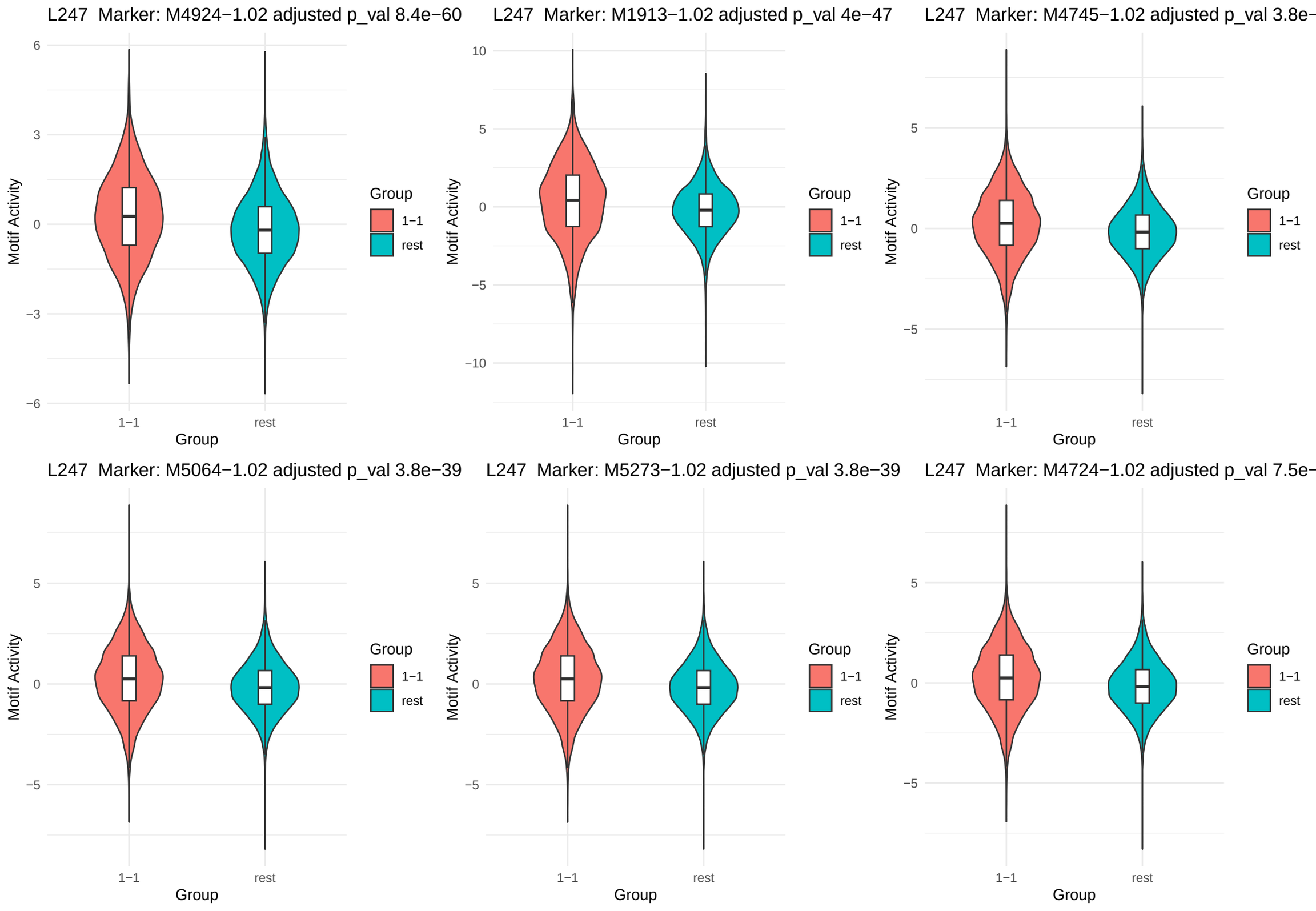

L242 Marker: M4924−1.02 adjusted p_val 6.8e−75
L242 Marker: M4899−1.02 adjusted p_val 5.9e−55
L242 Marker: M4938−1.02 adjusted p_val 2.8e−
L242 Marker: M2013−1.02 adjusted p_val 3.9e−46
L242 Marker: M1913−1.02 adjusted p_val 3.8e−41
L242 Marker: M2039−1.02 adjusted p_val 2.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

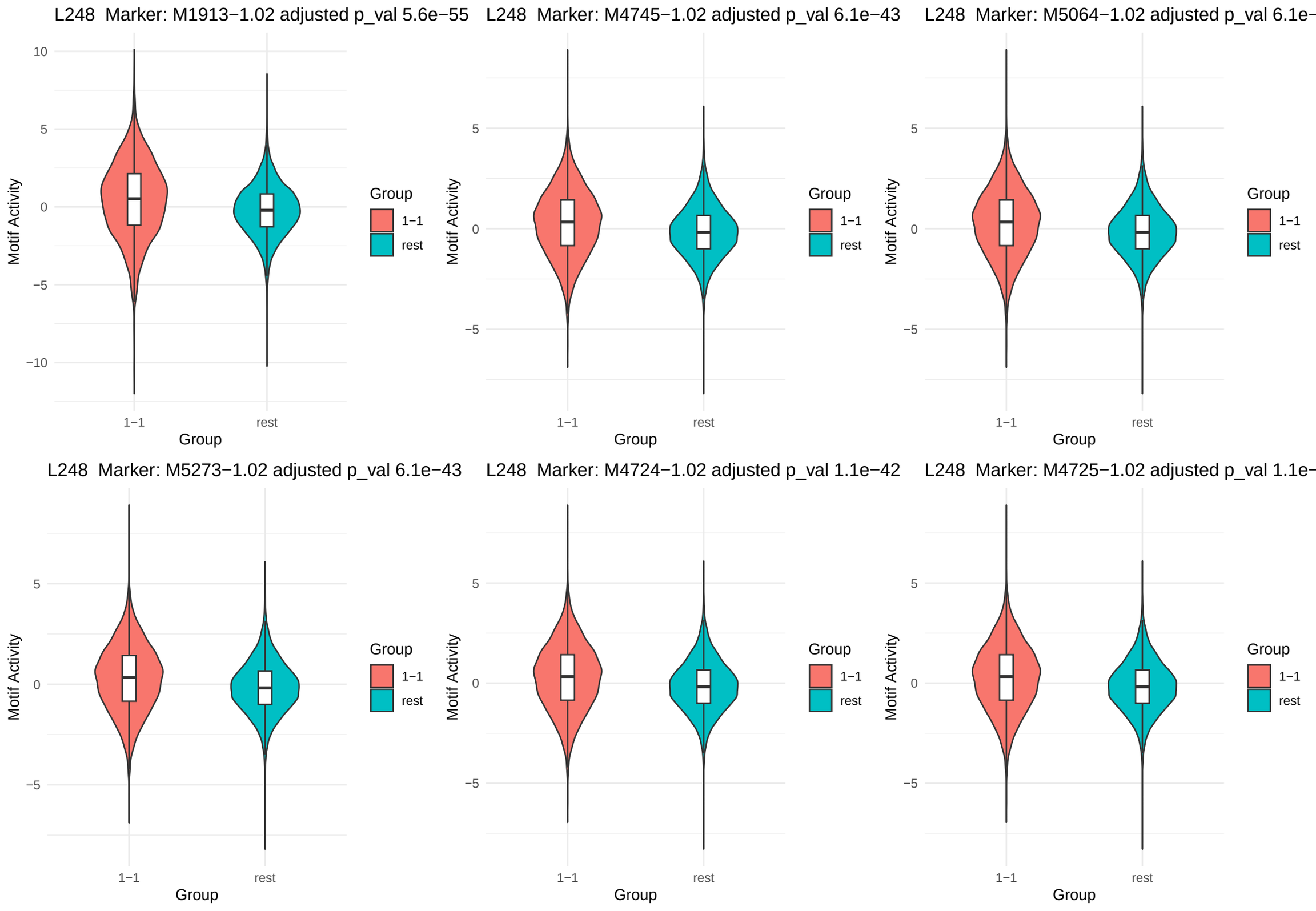

L243 Marker: M4924−1.02 adjusted p_val 6.8e−59
L243 Marker: M4899−1.02 adjusted p_val 6.2e−50
L243 Marker: M1913−1.02 adjusted p_val 1.2e
L243 Marker: M4745−1.02 adjusted p_val 2.4e−48
L243 Marker: M5064−1.02 adjusted p_val 2.4e−48
L243 Marker: M5273−1.02 adjusted p_val 2.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

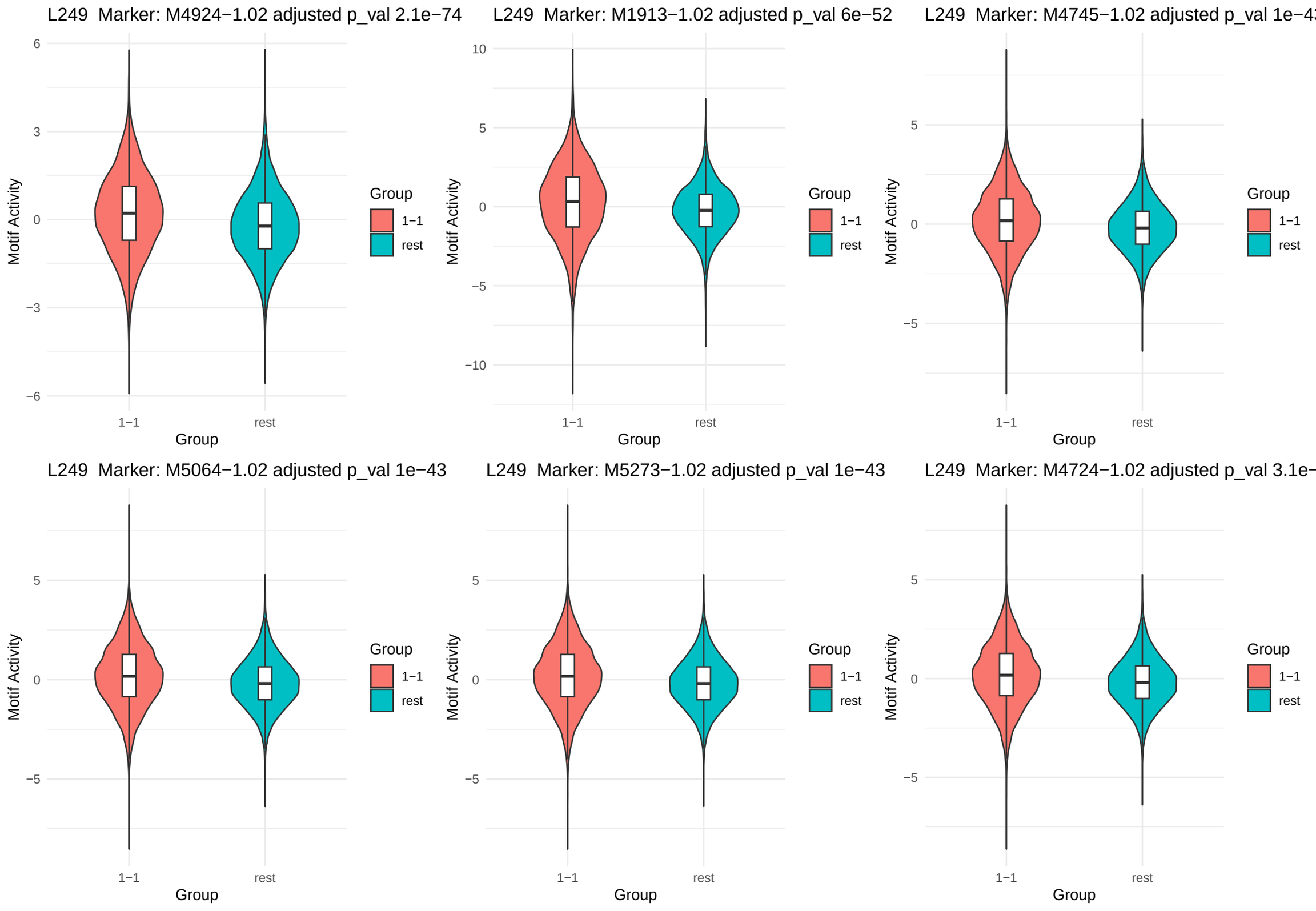

L244 Marker: M4924−1.02 adjusted p_val 2.5e−51
L244 Marker: M1913−1.02 adjusted p_val 6.3e−41
L244 Marker: M4938−1.02 adjusted p_val 1.1e−
L244 Marker: M2039−1.02 adjusted p_val 7.4e−36
L244 Marker: M4745−1.02 adjusted p_val 9.4e−36
L244 Marker: M5064−1.02 adjusted p_val 9.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

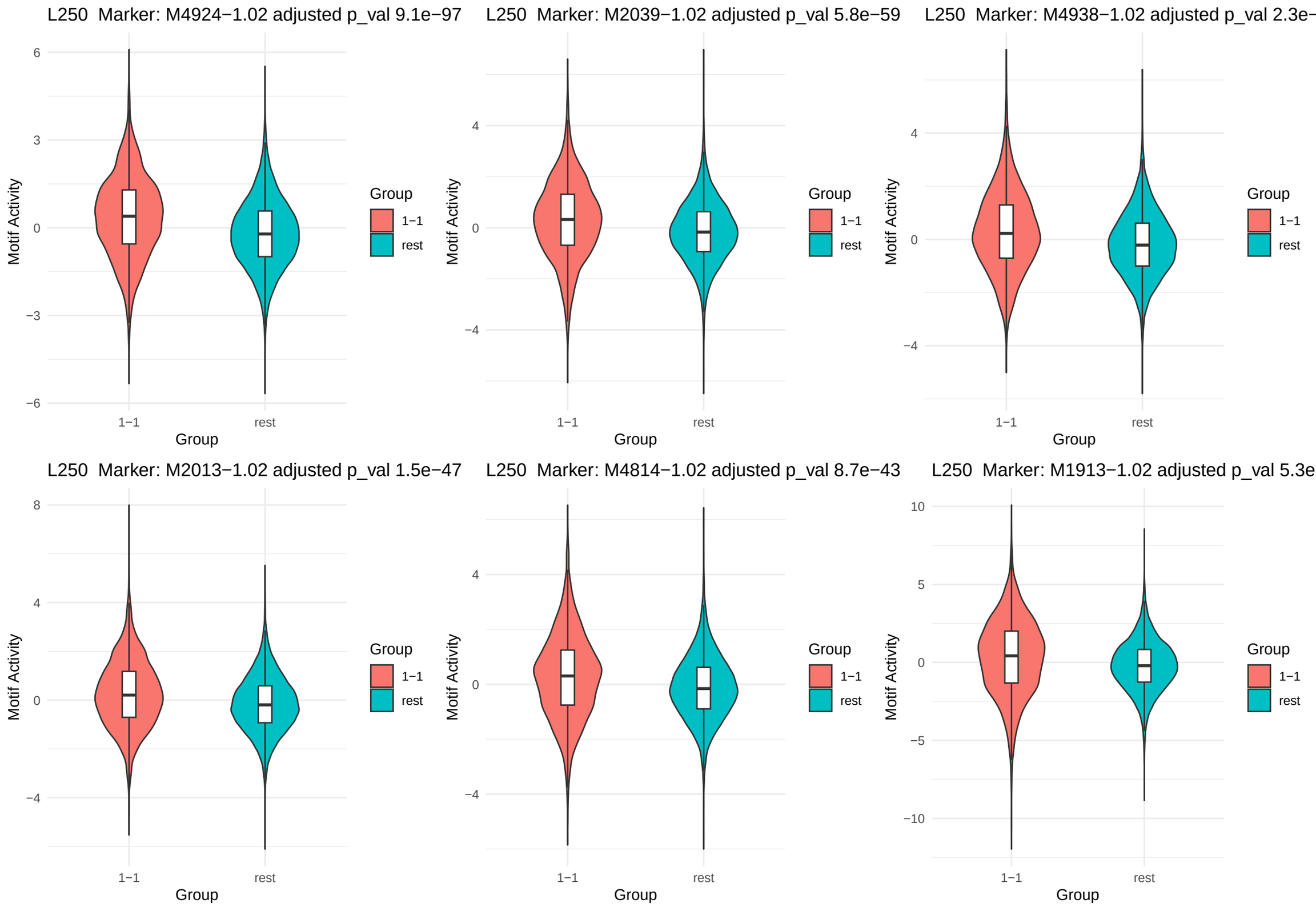

L245 Marker: M4924−1.02 adjusted p_val 5.5e−80
L245 Marker: M2021−1.02 adjusted p_val 1.9e−61
L245 Marker: M4814−1.02 adjusted p_val 2e−6
L245 Marker: M5040−1.02 adjusted p_val 2.4e−46
L245 Marker: M4904−1.02 adjusted p_val 7.8e−42
L245 Marker: M2026−1.02 adjusted p_val 2.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

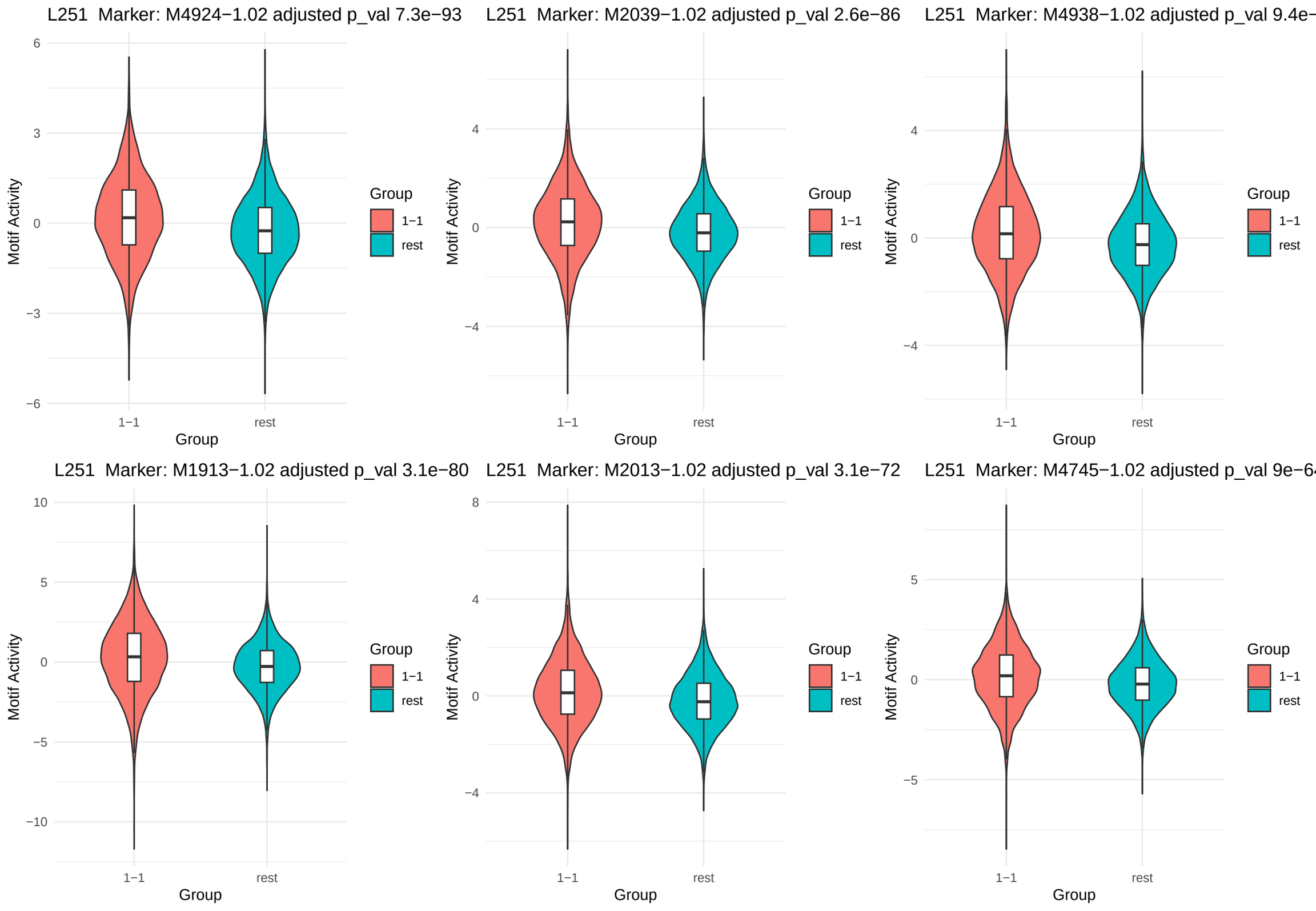

L246 Marker: M1913−1.02 adjusted p_val 1.2e−96
L246 Marker: M4745−1.02 adjusted p_val 7.1e−82
L246 Marker: M5064−1.02 adjusted p_val 7.1e−
L246 Marker: M5273−1.02 adjusted p_val 7.1e−82
L246 Marker: M4724−1.02 adjusted p_val 3.1e−81
L246 Marker: M4725−1.02 adjusted p_val 3.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

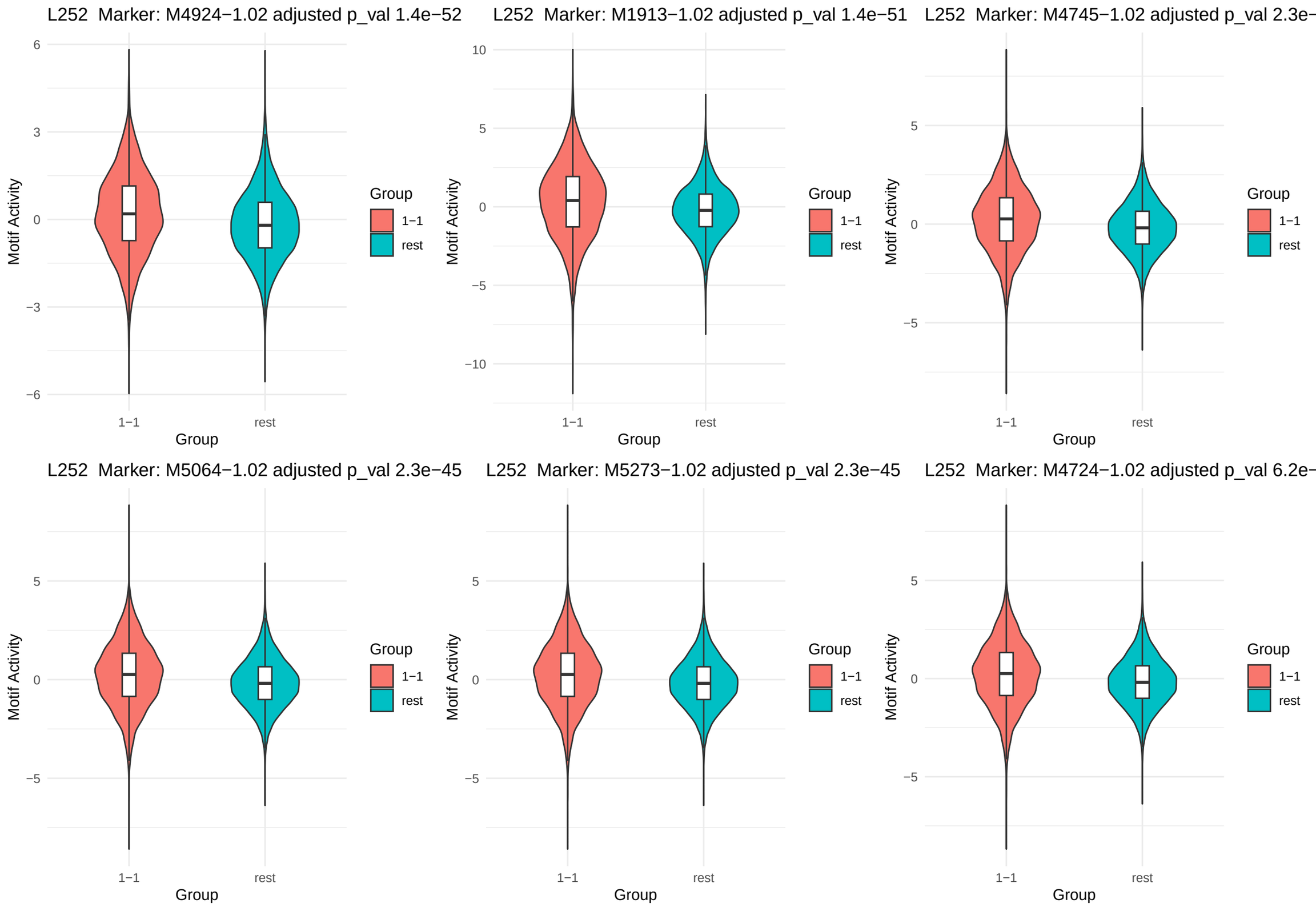

L247 Marker: M4924−1.02 adjusted p_val 8.4e−60
L247 Marker: M1913−1.02 adjusted p_val 4e−47
L247 Marker: M4745−1.02 adjusted p_val 3.8e−
L247 Marker: M5064−1.02 adjusted p_val 3.8e−39
L247 Marker: M5273−1.02 adjusted p_val 3.8e−39
L247 Marker: M4724−1.02 adjusted p_val 7.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

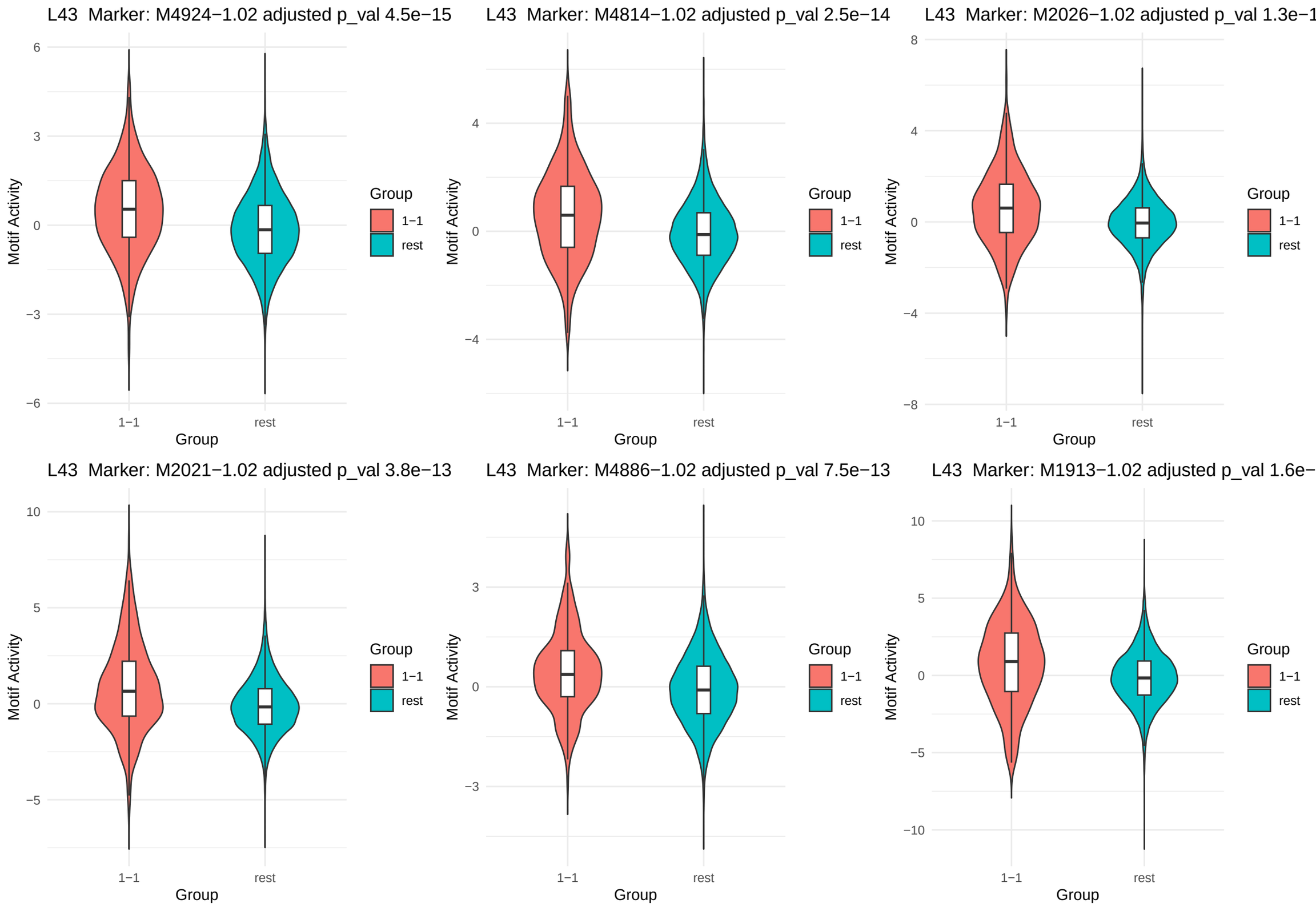

L248 Marker: M1913−1.02 adjusted p_val 5.6e−55
L248 Marker: M4745−1.02 adjusted p_val 6.1e−43
L248 Marker: M5064−1.02 adjusted p_val 6.1e−
L248 Marker: M5273−1.02 adjusted p_val 6.1e−43
L248 Marker: M4724−1.02 adjusted p_val 1.1e−42
L248 Marker: M4725−1.02 adjusted p_val 1.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

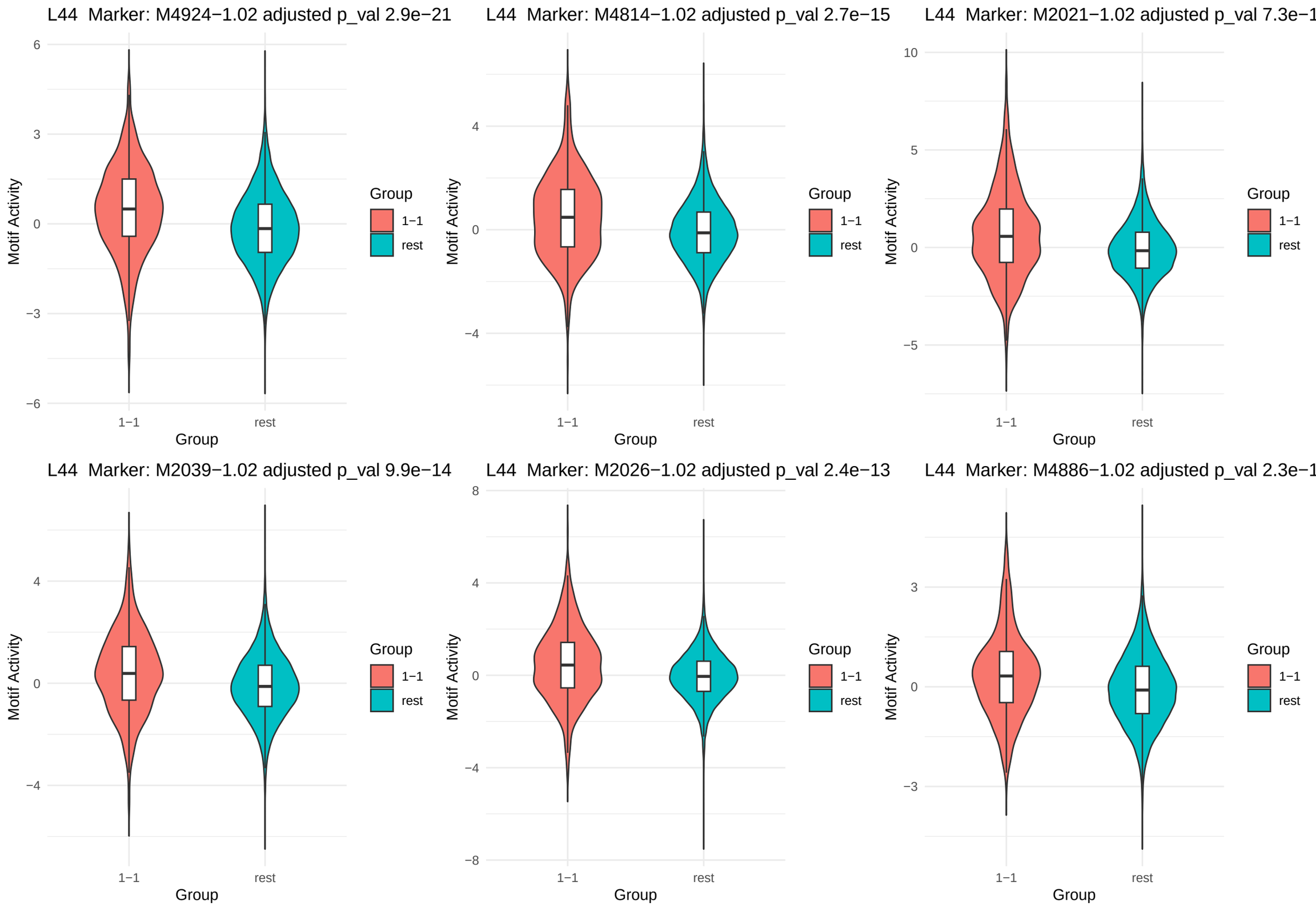

L249 Marker: M4924−1.02 adjusted p_val 2.1e−74
L249 Marker: M1913−1.02 adjusted p_val 6e−52
L249 Marker: M4745−1.02 adjusted p_val 1e−43
L249 Marker: M5064−1.02 adjusted p_val 1e−43
L249 Marker: M5273−1.02 adjusted p_val 1e−43
L249 Marker: M4724−1.02 adjusted p_val 3.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

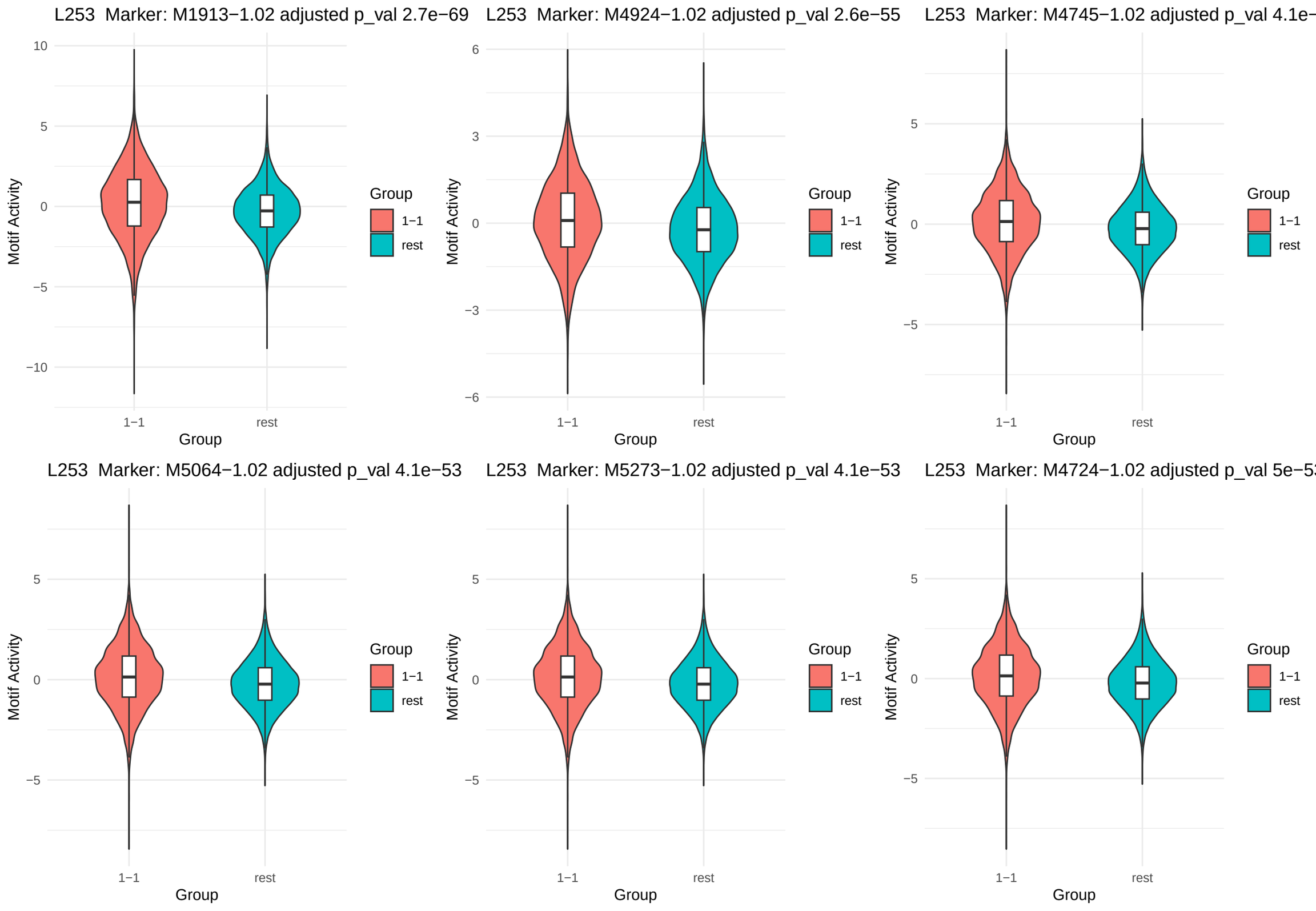

L250 Marker: M4924−1.02 adjusted p_val 9.1e−97
L250 Marker: M2039−1.02 adjusted p_val 5.8e−59
L250 Marker: M4938−1.02 adjusted p_val 2.3e−
L250 Marker: M2013−1.02 adjusted p_val 1.5e−47
L250 Marker: M4814−1.02 adjusted p_val 8.7e−43
L250 Marker: M1913−1.02 adjusted p_val 5.3e
Motif Activity
Group
1−1
rest
Group
1−1
rest

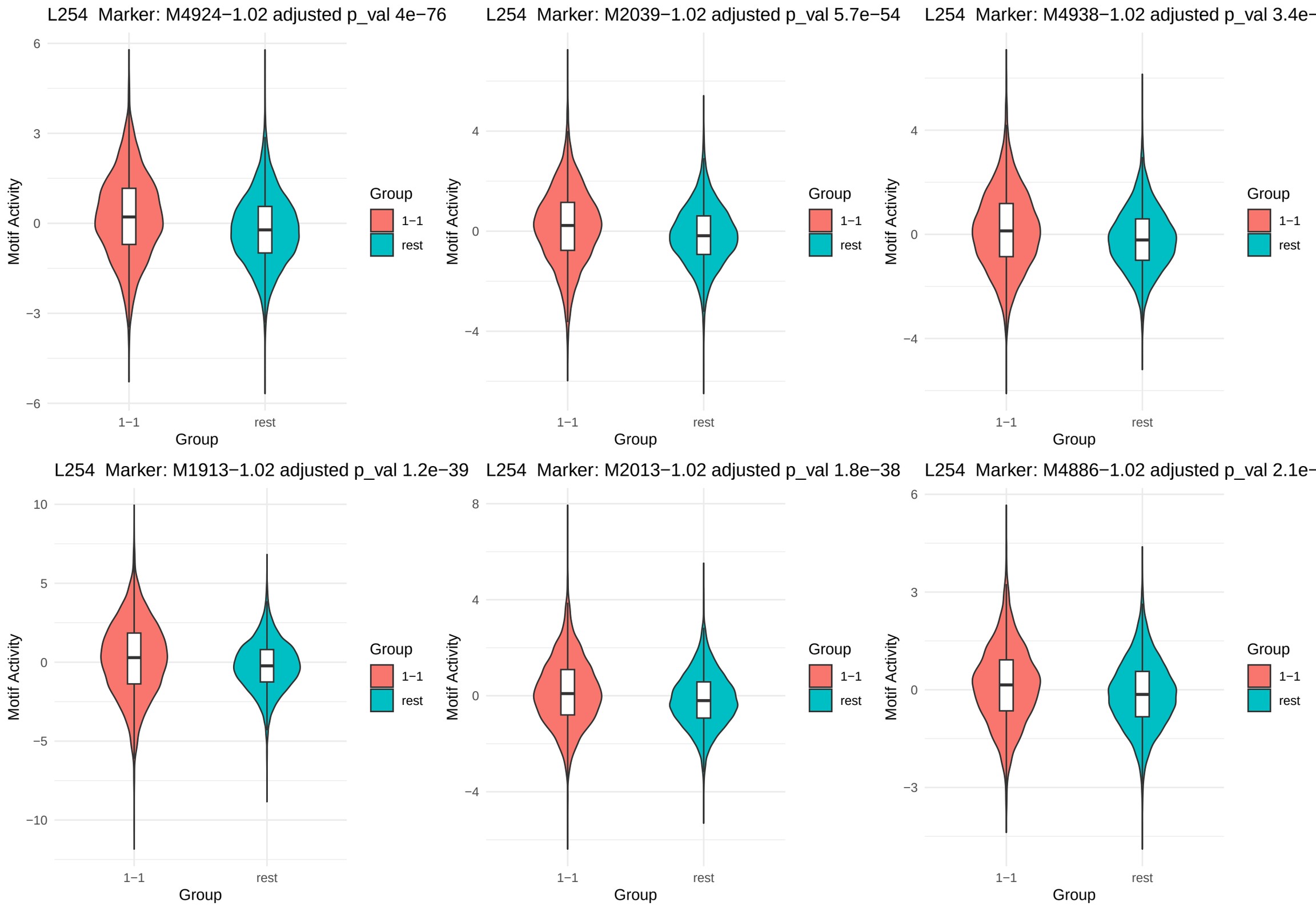

L251 Marker: M4924−1.02 adjusted p_val 7.3e−93
L251 Marker: M2039−1.02 adjusted p_val 2.6e−86
L251 Marker: M4938−1.02 adjusted p_val 9.4e−
L251 Marker: M1913−1.02 adjusted p_val 3.1e−80
L251 Marker: M2013−1.02 adjusted p_val 3.1e−72
L251 Marker: M4745−1.02 adjusted p_val 9e−6
Motif Activity
Group
1−1
rest
Group
1−1
rest

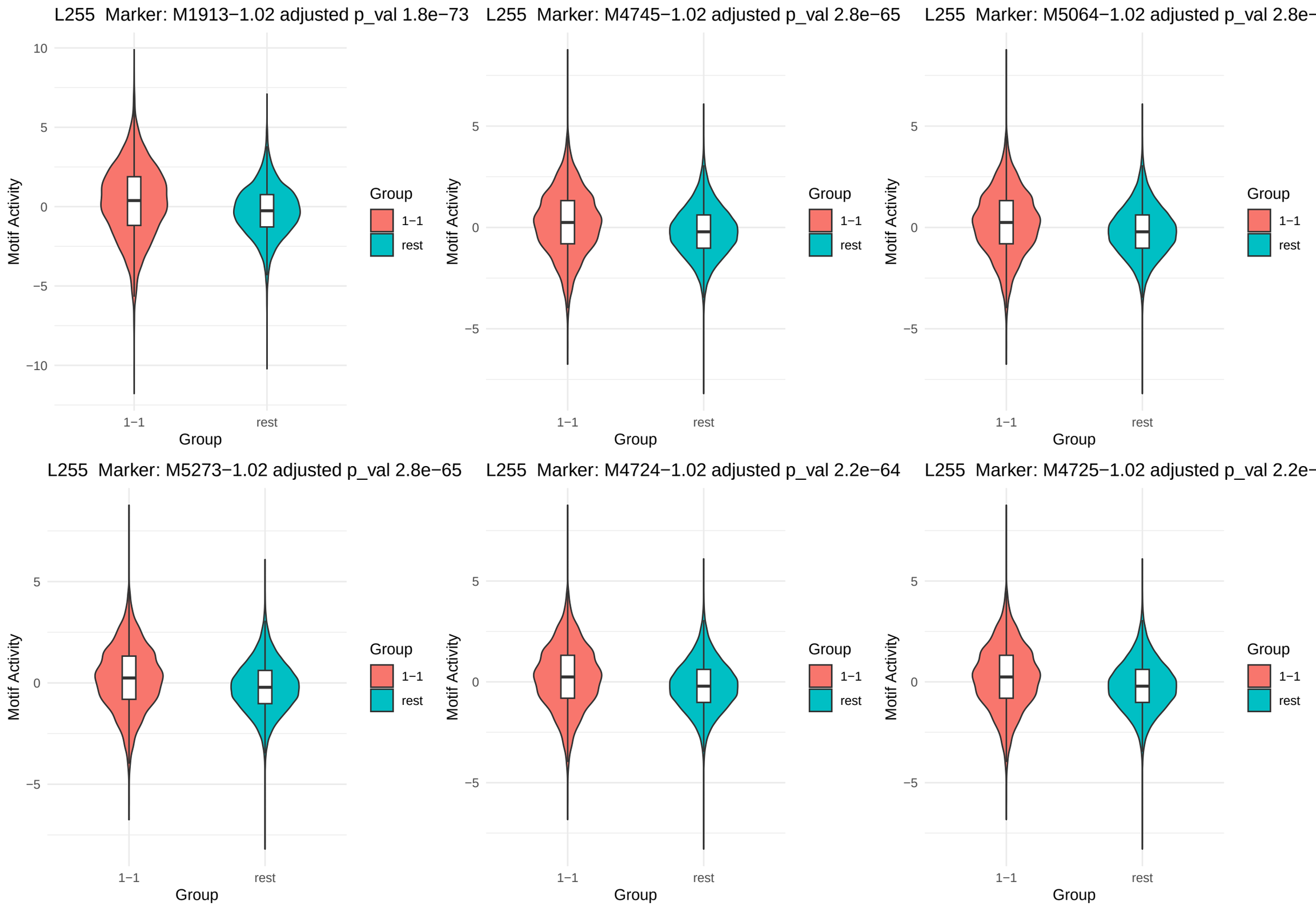

L252 Marker: M4924−1.02 adjusted p_val 1.4e−52
L252 Marker: M1913−1.02 adjusted p_val 1.4e−51
L252 Marker: M4745−1.02 adjusted p_val 2.3e−
L252 Marker: M5064−1.02 adjusted p_val 2.3e−45
L252 Marker: M5273−1.02 adjusted p_val 2.3e−45
L252 Marker: M4724−1.02 adjusted p_val 6.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

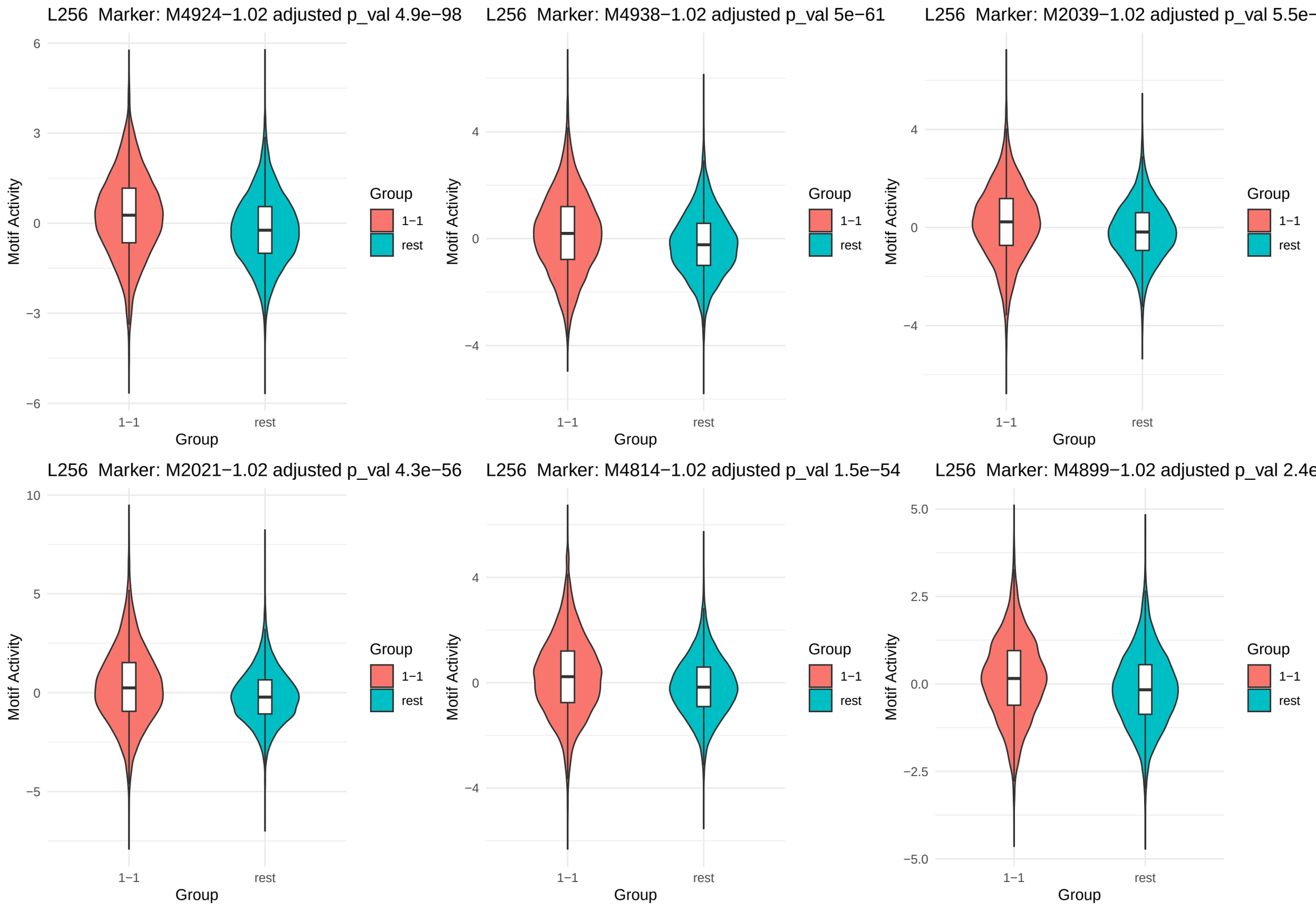

L43 Marker: M4924−1.02 adjusted p_val 4.5e−15
L43 Marker: M4814−1.02 adjusted p_val 2.5e−14
L43 Marker: M2026−1.02 adjusted p_val 1.3e−1
L43 Marker: M2021−1.02 adjusted p_val 3.8e−13
L43 Marker: M4886−1.02 adjusted p_val 7.5e−13
L43 Marker: M1913−1.02 adjusted p_val 1.6e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

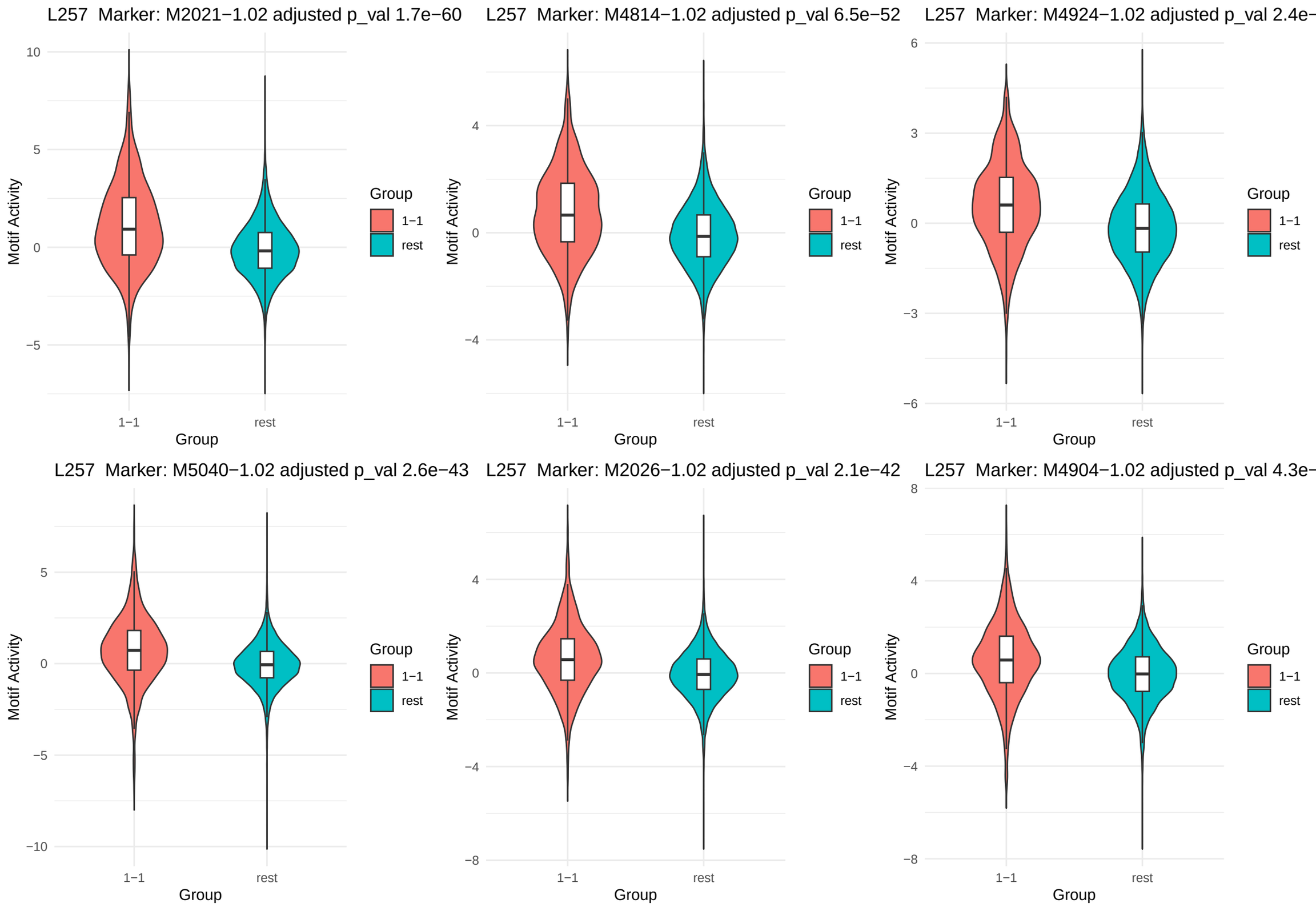

L44 Marker: M4924−1.02 adjusted p_val 2.9e−21
L44 Marker: M4814−1.02 adjusted p_val 2.7e−15
L44 Marker: M2021−1.02 adjusted p_val 7.3e−1
L44 Marker: M2039−1.02 adjusted p_val 9.9e−14
L44 Marker: M2026−1.02 adjusted p_val 2.4e−13
L44 Marker: M4886−1.02 adjusted p_val 2.3e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

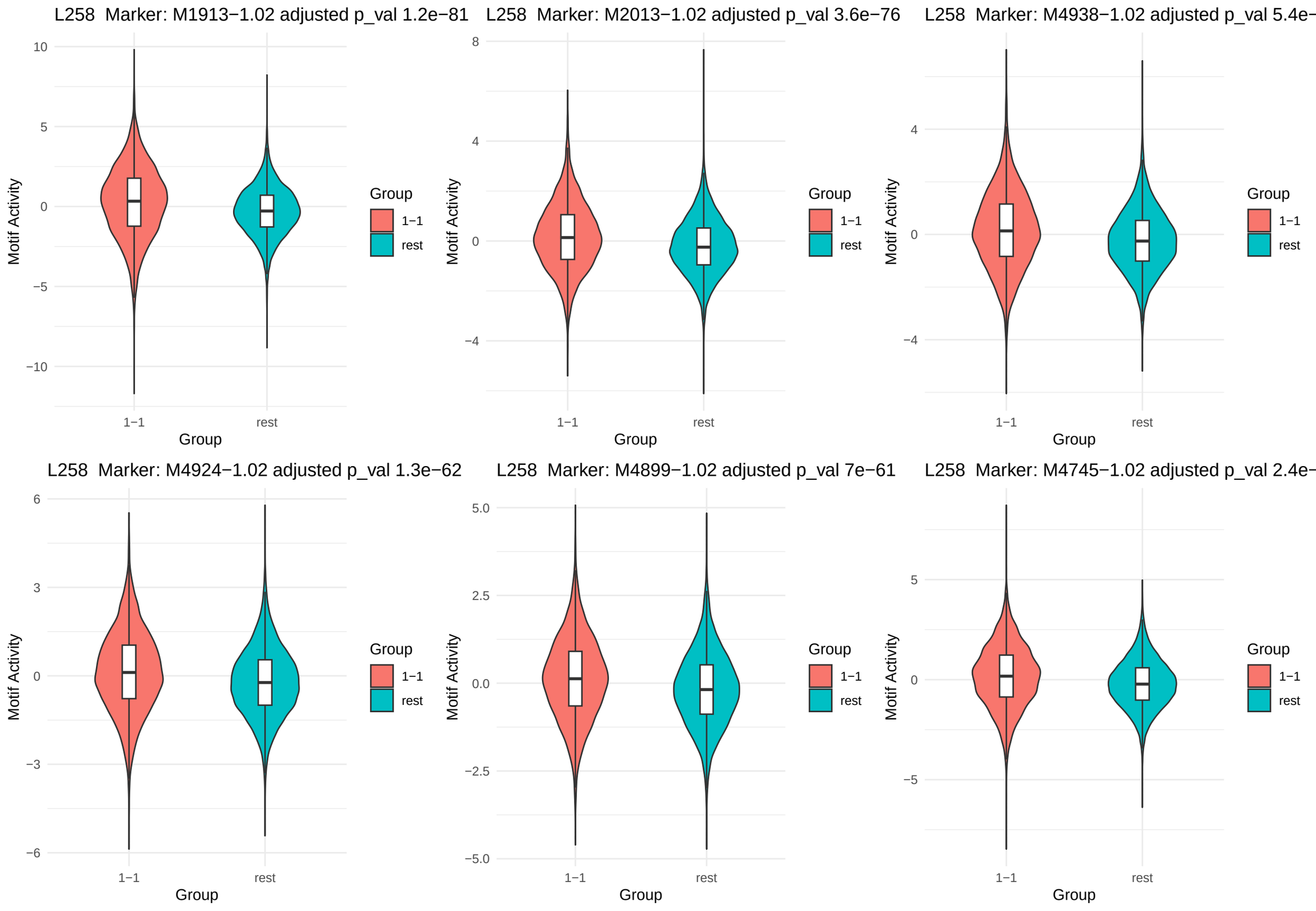

L253 Marker: M1913−1.02 adjusted p_val 2.7e−69
L253 Marker: M4924−1.02 adjusted p_val 2.6e−55
L253 Marker: M4745−1.02 adjusted p_val 4.1e−
L253 Marker: M5064−1.02 adjusted p_val 4.1e−53
L253 Marker: M5273−1.02 adjusted p_val 4.1e−53
L253 Marker: M4724−1.02 adjusted p_val 5e−5
Motif Activity
Group
1−1
rest
Group
1−1
rest

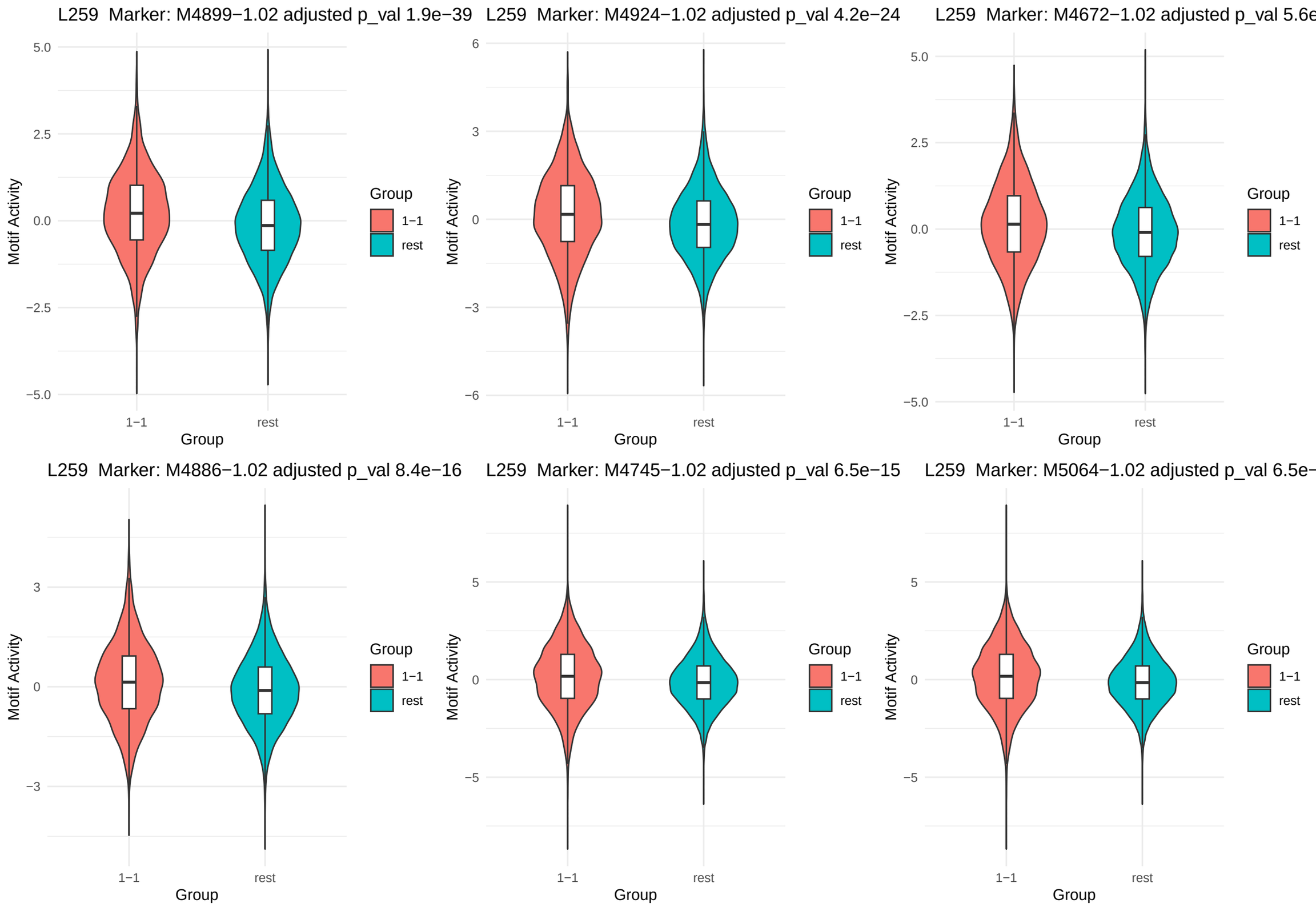

L254 Marker: M4924−1.02 adjusted p_val 4e−76
L254 Marker: M2039−1.02 adjusted p_val 5.7e−54
L254 Marker: M4938−1.02 adjusted p_val 3.4e−
L254 Marker: M1913−1.02 adjusted p_val 1.2e−39
L254 Marker: M2013−1.02 adjusted p_val 1.8e−38
L254 Marker: M4886−1.02 adjusted p_val 2.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest


L255 Marker: M1913−1.02 adjusted p_val 1.8e−73
L255 Marker: M4745−1.02 adjusted p_val 2.8e−65
L255 Marker: M5064−1.02 adjusted p_val 2.8e−
L255 Marker: M5273−1.02 adjusted p_val 2.8e−65
L255 Marker: M4724−1.02 adjusted p_val 2.2e−64
L255 Marker: M4725−1.02 adjusted p_val 2.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest


L256 Marker: M4924−1.02 adjusted p_val 4.9e−98
L256 Marker: M4938−1.02 adjusted p_val 5e−61
L256 Marker: M2039−1.02 adjusted p_val 5.5e−
L256 Marker: M2021−1.02 adjusted p_val 4.3e−56
L256 Marker: M4814−1.02 adjusted p_val 1.5e−54
L256 Marker: M4899−1.02 adjusted p_val 2.4e
Motif Activity
Group
1−1
rest
Group
1−1
rest


L257 Marker: M2021−1.02 adjusted p_val 1.7e−60
L257 Marker: M4814−1.02 adjusted p_val 6.5e−52
L257 Marker: M4924−1.02 adjusted p_val 2.4e−
L257 Marker: M5040−1.02 adjusted p_val 2.6e−43
L257 Marker: M2026−1.02 adjusted p_val 2.1e−42
L257 Marker: M4904−1.02 adjusted p_val 4.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest


L258 Marker: M1913−1.02 adjusted p_val 1.2e−81
L258 Marker: M2013−1.02 adjusted p_val 3.6e−76
L258 Marker: M4938−1.02 adjusted p_val 5.4e−
L258 Marker: M4924−1.02 adjusted p_val 1.3e−62
L258 Marker: M4899−1.02 adjusted p_val 7e−61
L258 Marker: M4745−1.02 adjusted p_val 2.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest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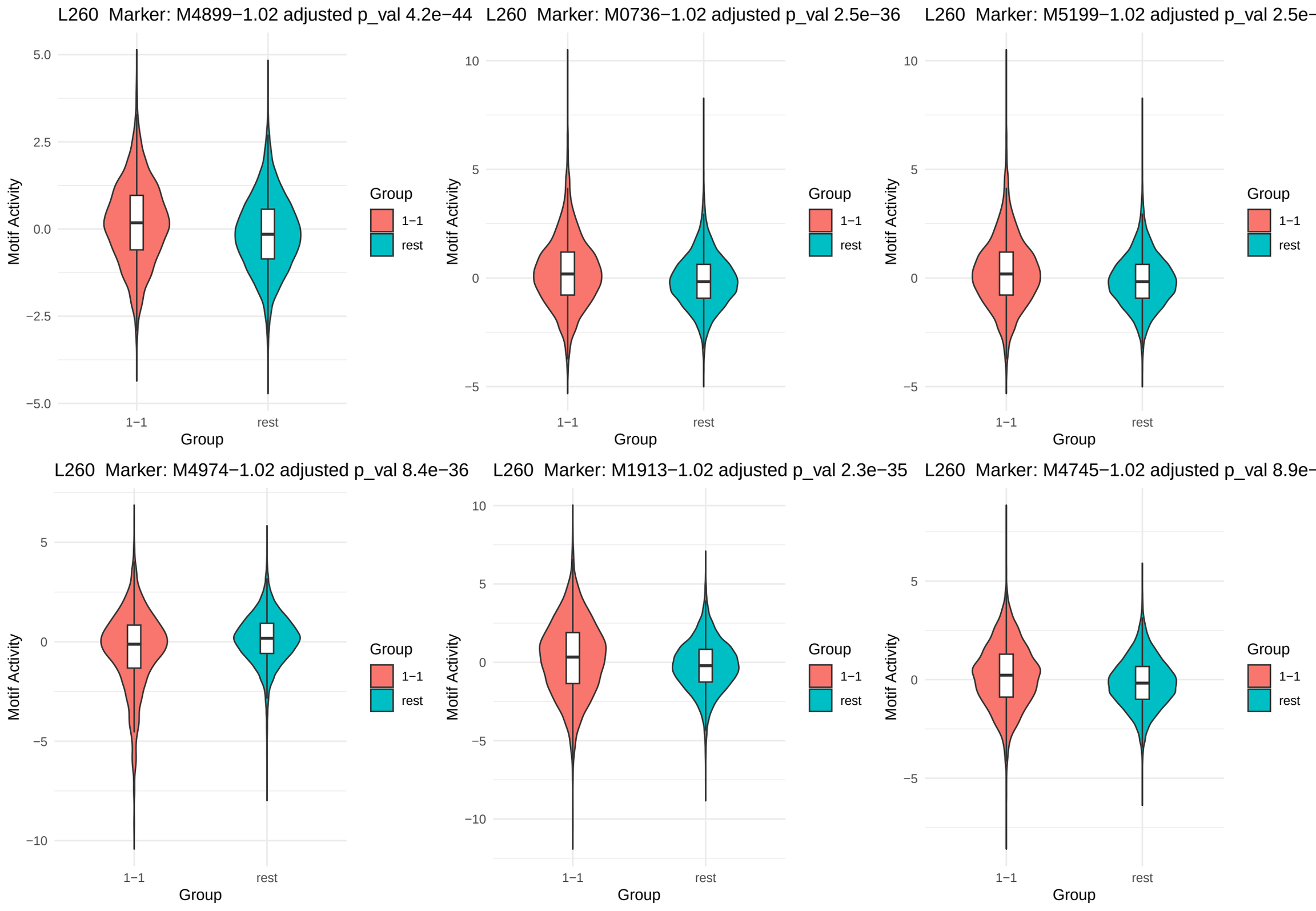
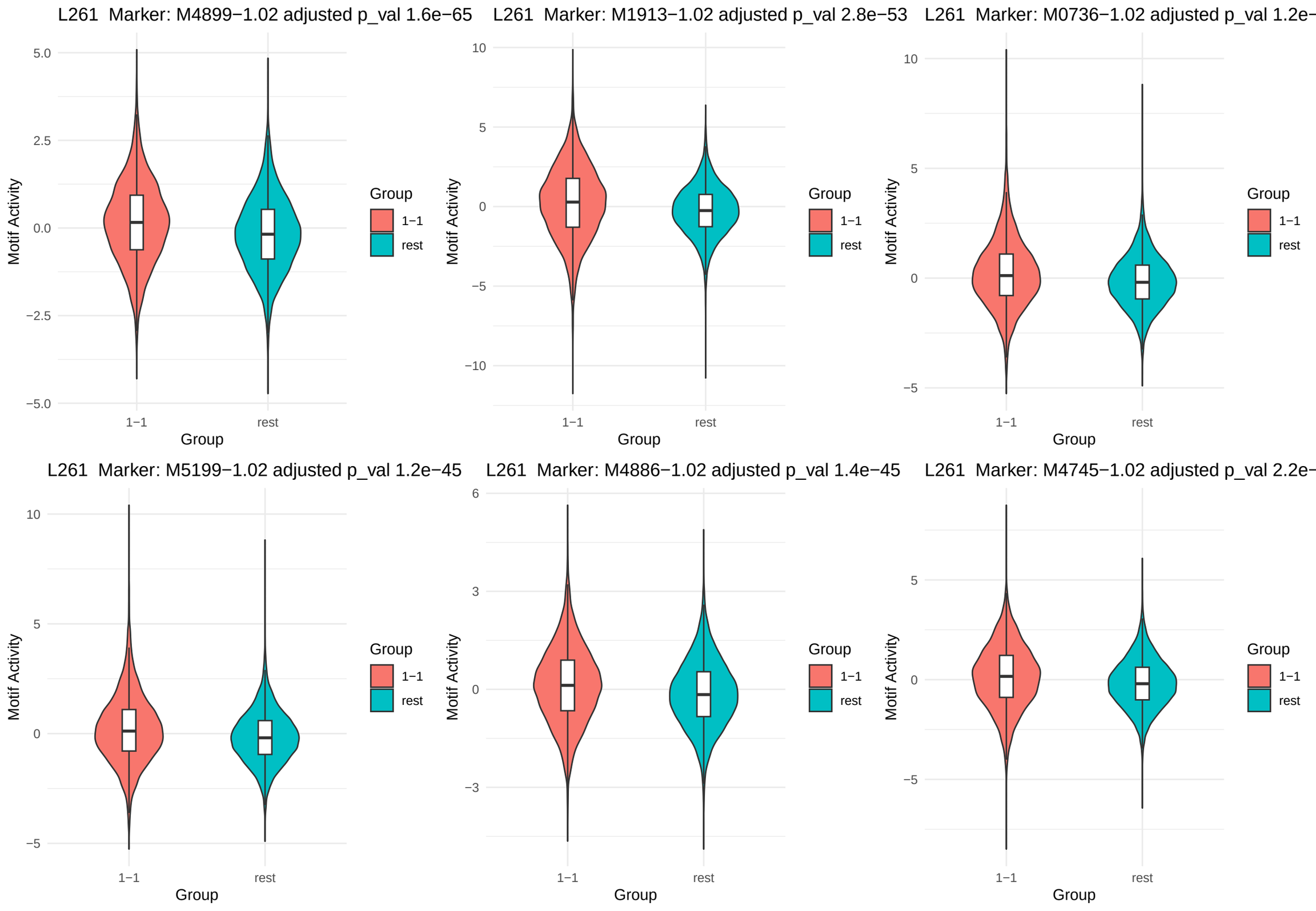
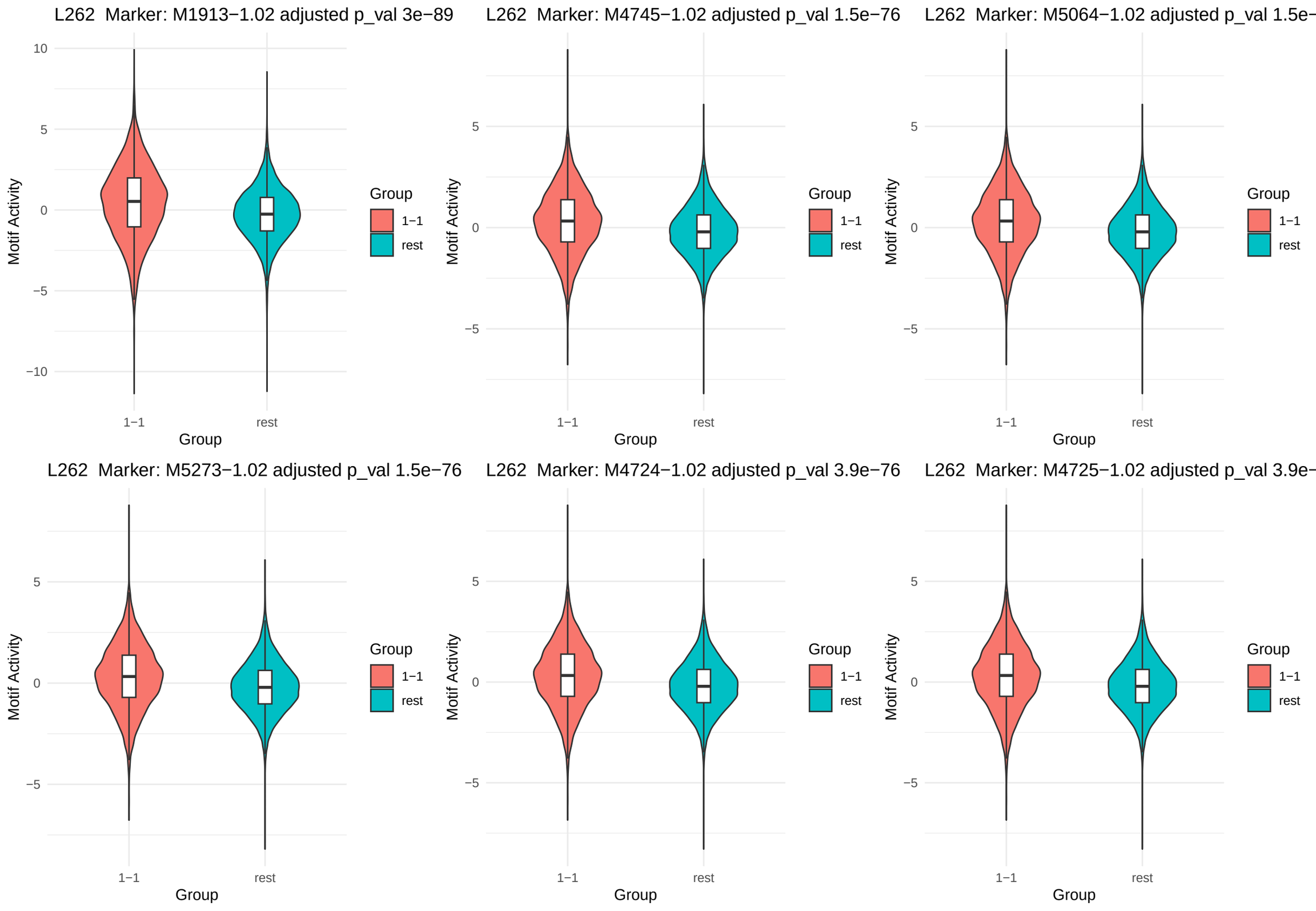
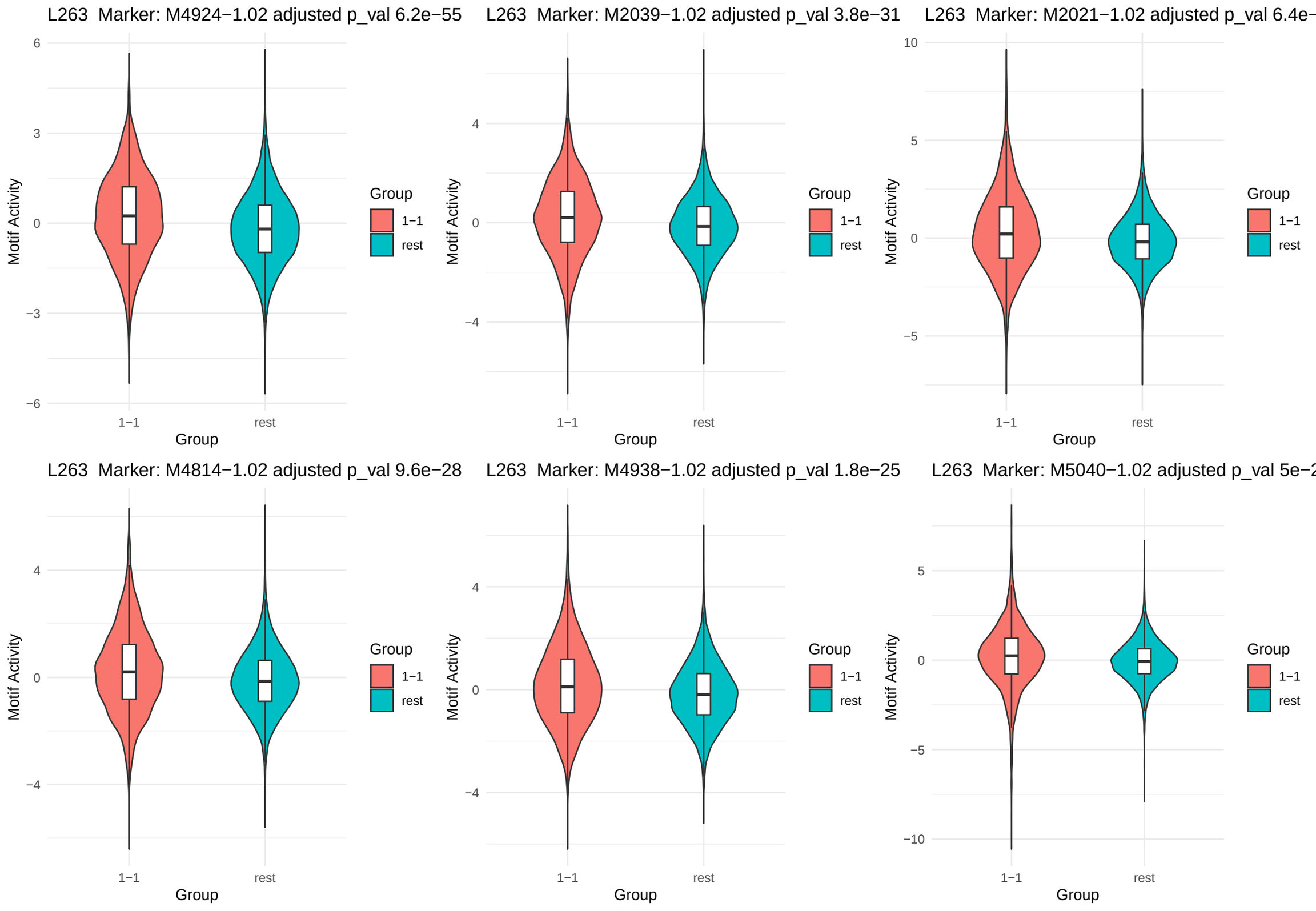
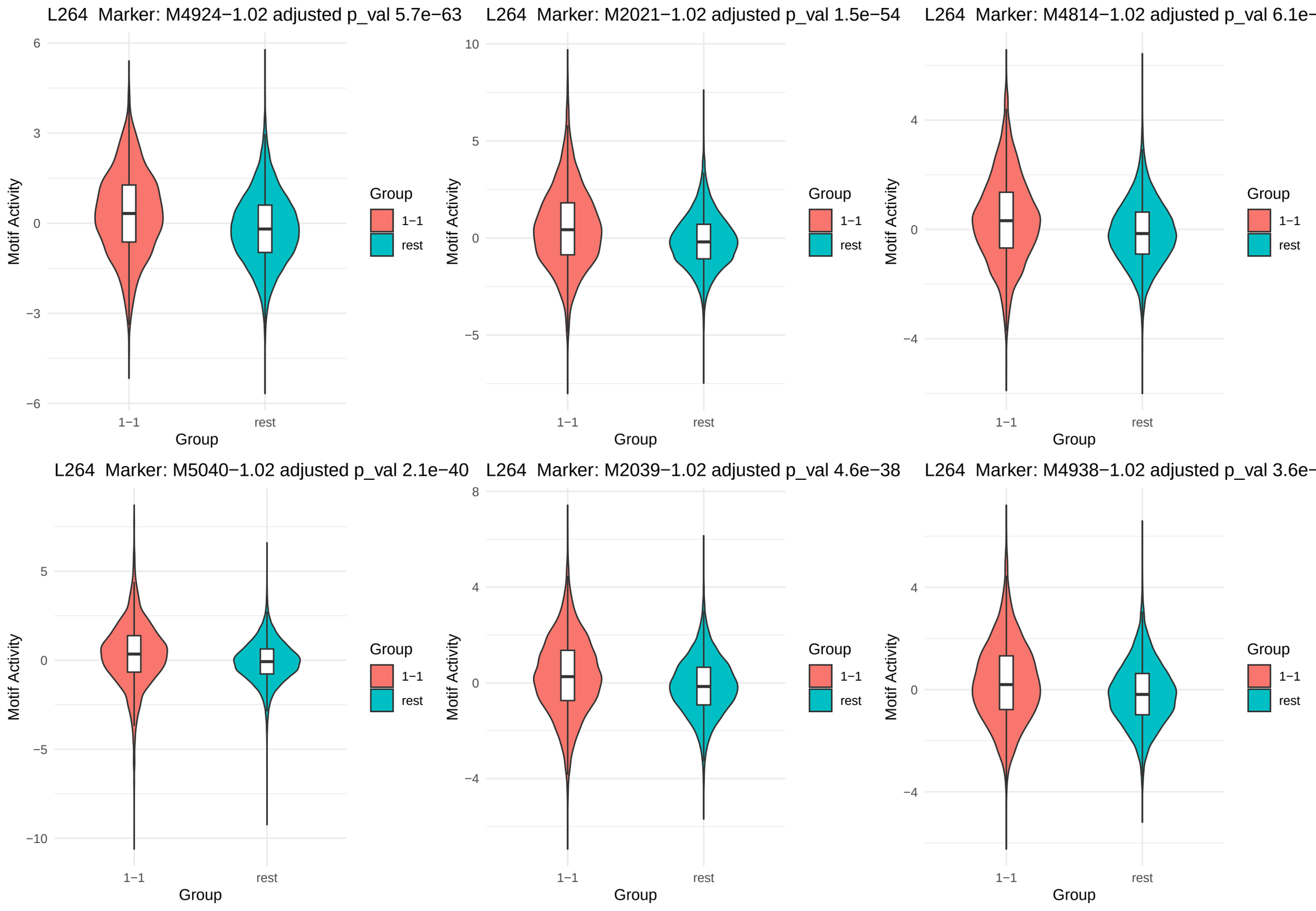
L259 Marker: M4924−1.02 adjusted p_val 4.2e−24
L259 Marker: M4672−1.02 adjusted p_val 5.6e
L259 Marker: M4886−1.02 adjusted p_val 8.4e−16
L259 Marker: M4745−1.02 adjusted p_val 6.5e−15
L259 Marker: M5064−1.02 adjusted p_val 6.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

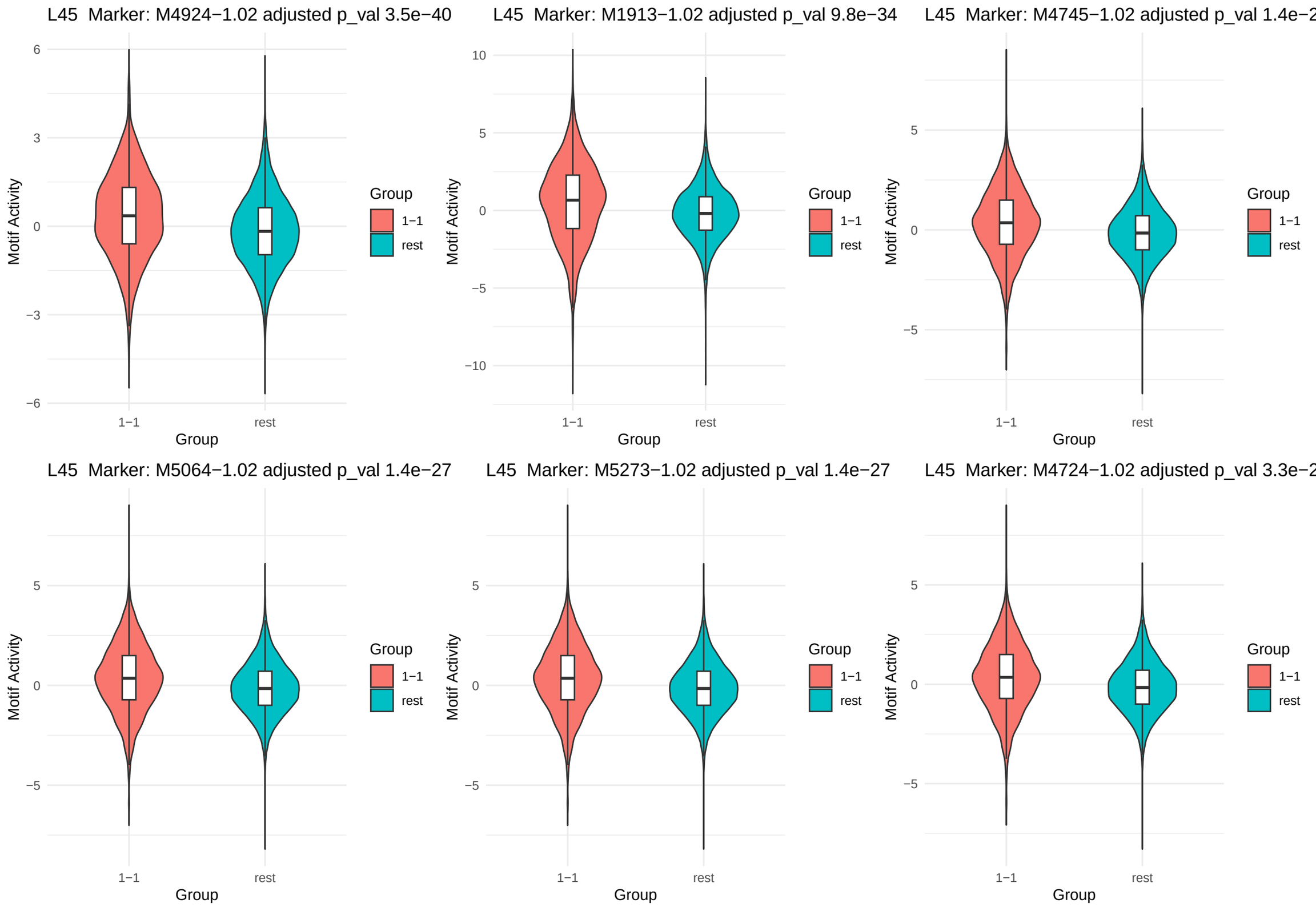

L260 Marker: M4899−1.02 adjusted p_val 4.2e−44
L260 Marker: M0736−1.02 adjusted p_val 2.5e−36
L260 Marker: M5199−1.02 adjusted p_val 2.5e−
L260 Marker: M4974−1.02 adjusted p_val 8.4e−36
L260 Marker: M1913−1.02 adjusted p_val 2.3e−35
L260 Marker: M4745−1.02 adjusted p_val 8.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

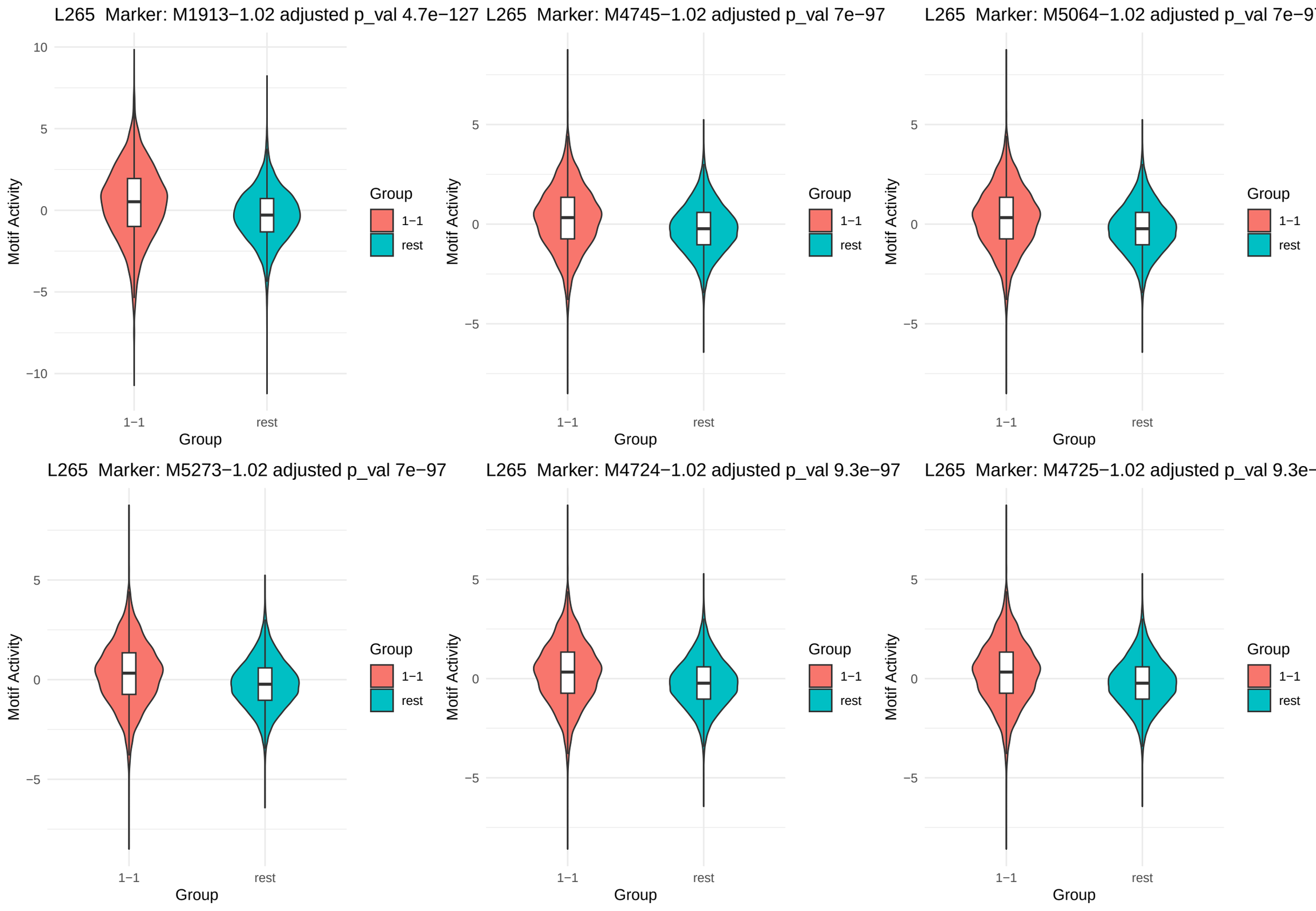

L261 Marker: M4899−1.02 adjusted p_val 1.6e−65
L261 Marker: M1913−1.02 adjusted p_val 2.8e−53
L261 Marker: M0736−1.02 adjusted p_val 1.2e−
L261 Marker: M5199−1.02 adjusted p_val 1.2e−45
L261 Marker: M4886−1.02 adjusted p_val 1.4e−45
L261 Marker: M4745−1.02 adjusted p_val 2.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

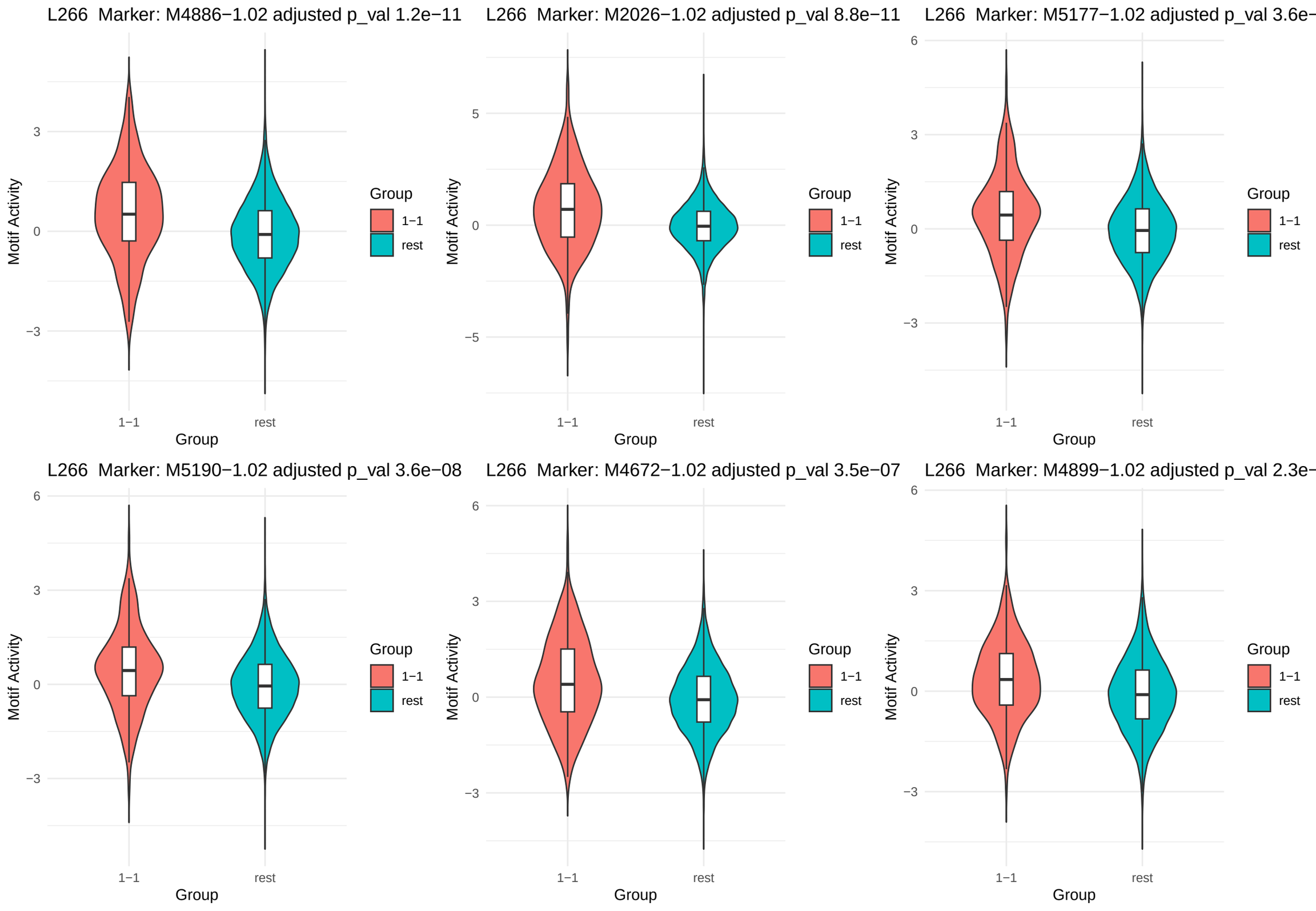

L262 Marker: M1913−1.02 adjusted p_val 3e−89
L262 Marker: M4745−1.02 adjusted p_val 1.5e−76
L262 Marker: M5064−1.02 adjusted p_val 1.5e−
L262 Marker: M5273−1.02 adjusted p_val 1.5e−76
L262 Marker: M4724−1.02 adjusted p_val 3.9e−76
L262 Marker: M4725−1.02 adjusted p_val 3.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

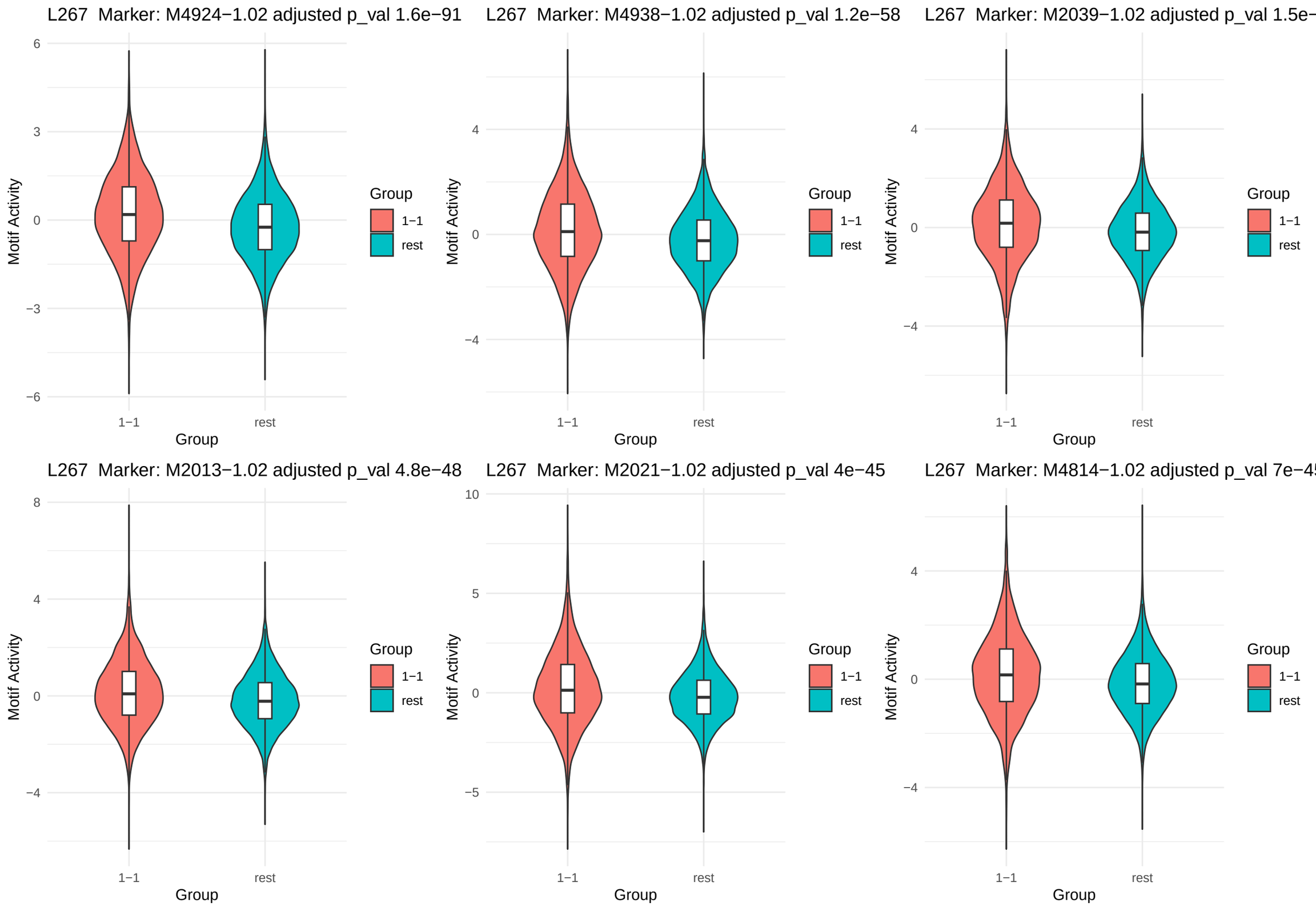

L263 Marker: M4924−1.02 adjusted p_val 6.2e−55
L263 Marker: M2039−1.02 adjusted p_val 3.8e−31
L263 Marker: M2021−1.02 adjusted p_val 6.4e−
L263 Marker: M4814−1.02 adjusted p_val 9.6e−28
L263 Marker: M4938−1.02 adjusted p_val 1.8e−25
L263 Marker: M5040−1.02 adjusted p_val 5e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

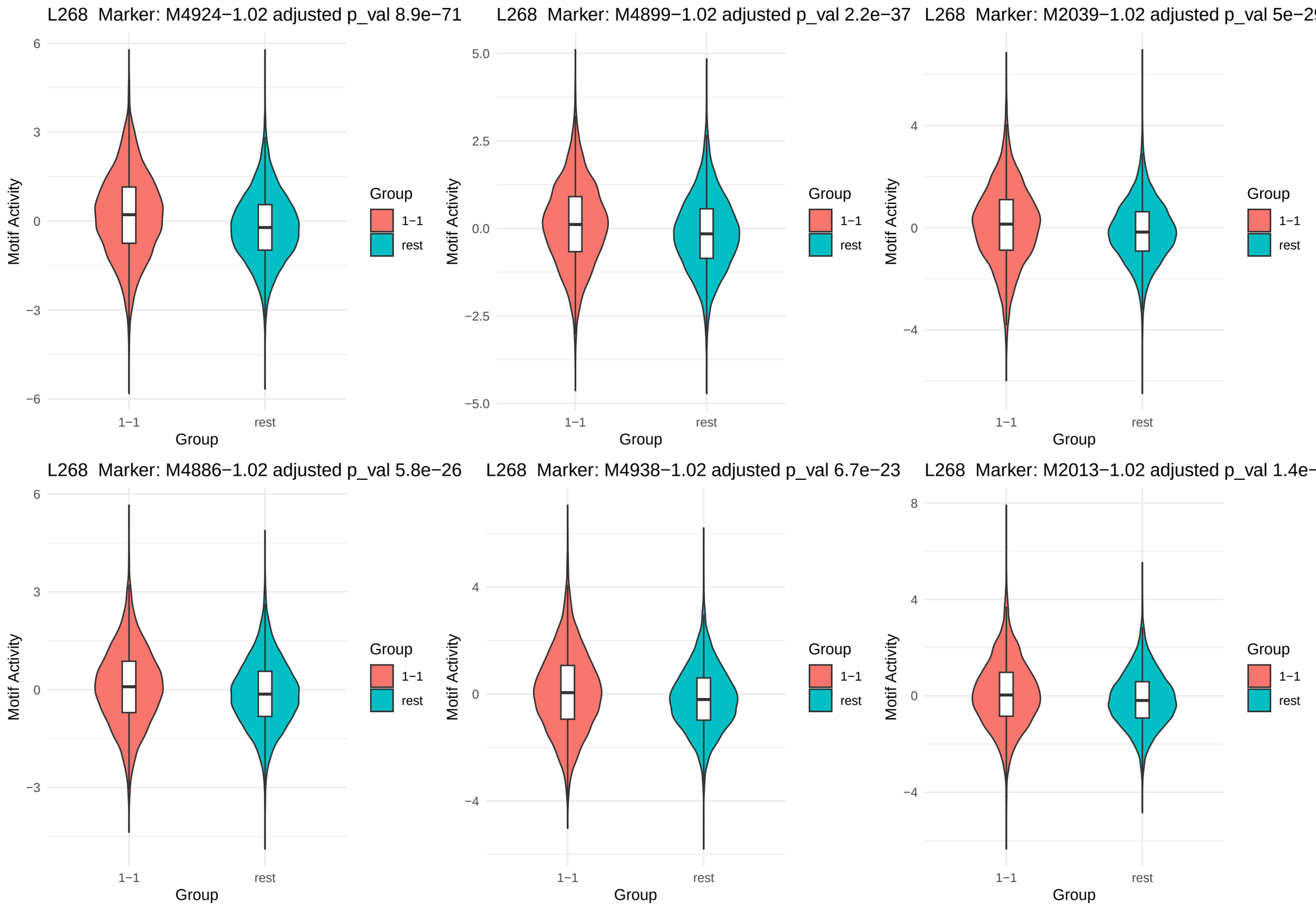

L264 Marker: M4924−1.02 adjusted p_val 5.7e−63
L264 Marker: M2021−1.02 adjusted p_val 1.5e−54
L264 Marker: M4814−1.02 adjusted p_val 6.1e−
L264 Marker: M5040−1.02 adjusted p_val 2.1e−40
L264 Marker: M2039−1.02 adjusted p_val 4.6e−38
L264 Marker: M4938−1.02 adjusted p_val 3.6e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

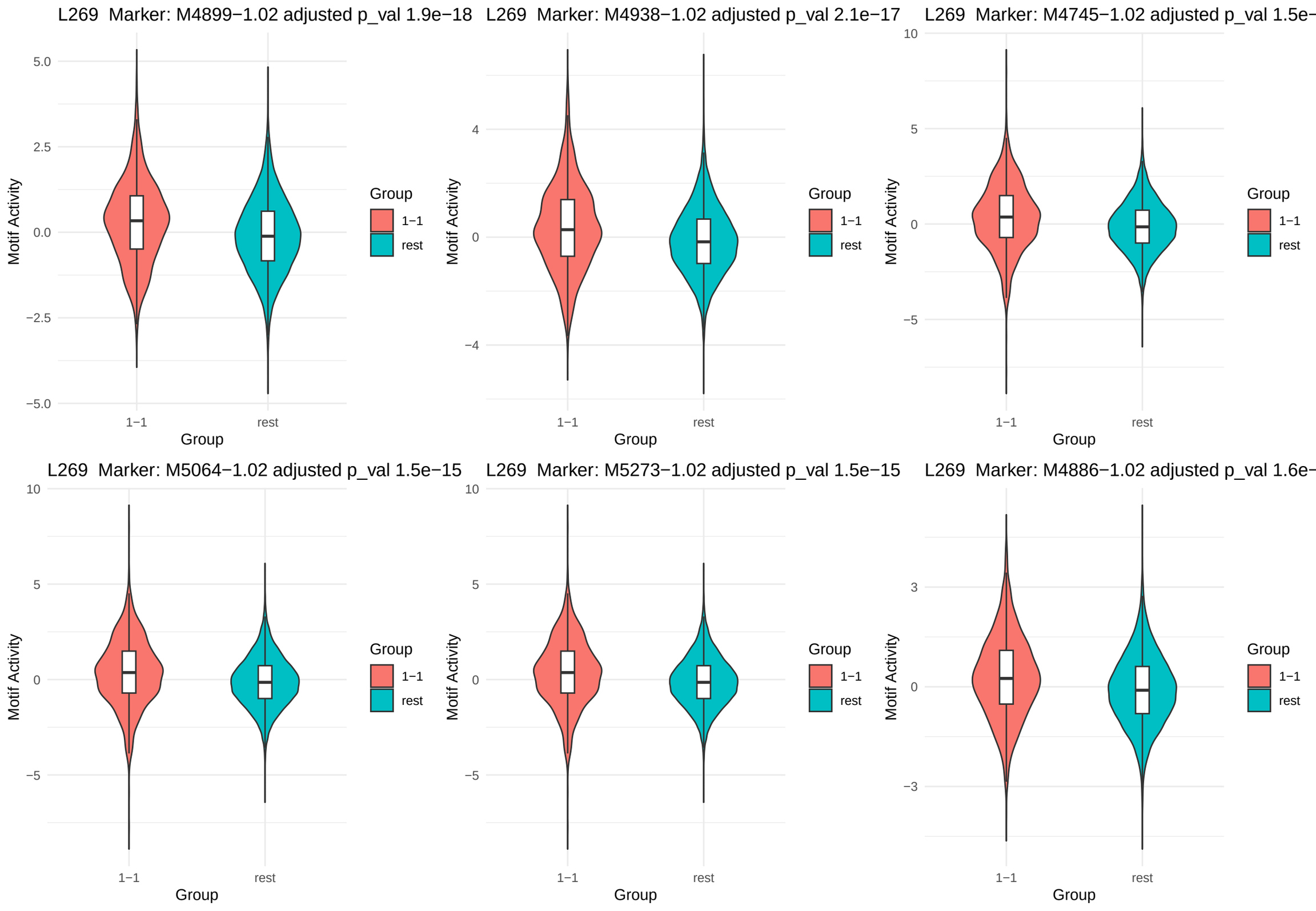

L45 Marker: M4924−1.02 adjusted p_val 3.5e−40
L45 Marker: M1913−1.02 adjusted p_val 9.8e−34
L45 Marker: M4745−1.02 adjusted p_val 1.4e−2
L45 Marker: M5064−1.02 adjusted p_val 1.4e−27
L45 Marker: M5273−1.02 adjusted p_val 1.4e−27
L45 Marker: M4724−1.02 adjusted p_val 3.3e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

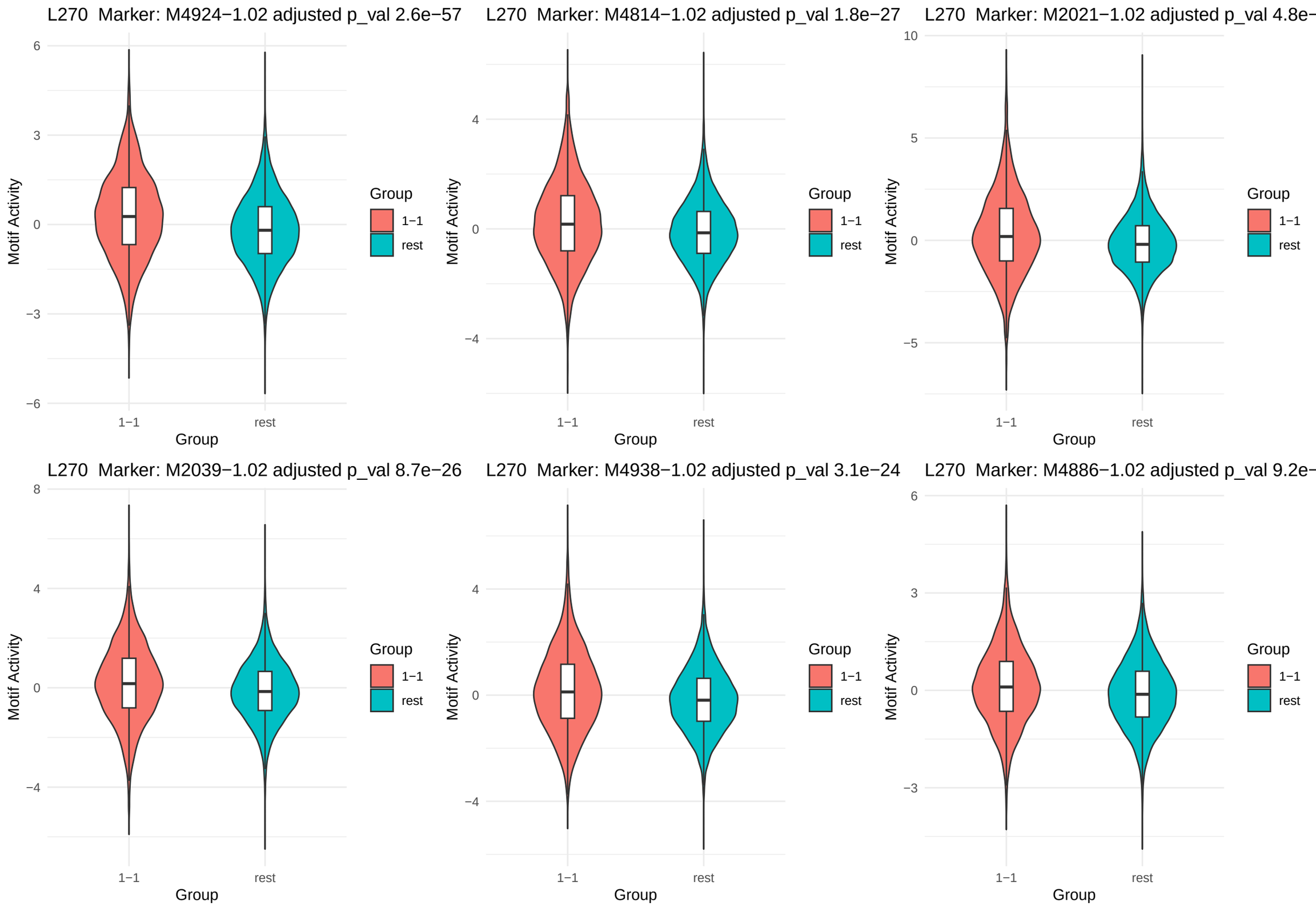

L265 Marker: M1913−1.02 adjusted p_val 4.7e−127
L265 Marker: M4745−1.02 adjusted p_val 7e−97
L265 Marker: M5064−1.02 adjusted p_val 7e−97
L265 Marker: M5273−1.02 adjusted p_val 7e−97
L265 Marker: M4724−1.02 adjusted p_val 9.3e−97
L265 Marker: M4725−1.02 adjusted p_val 9.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

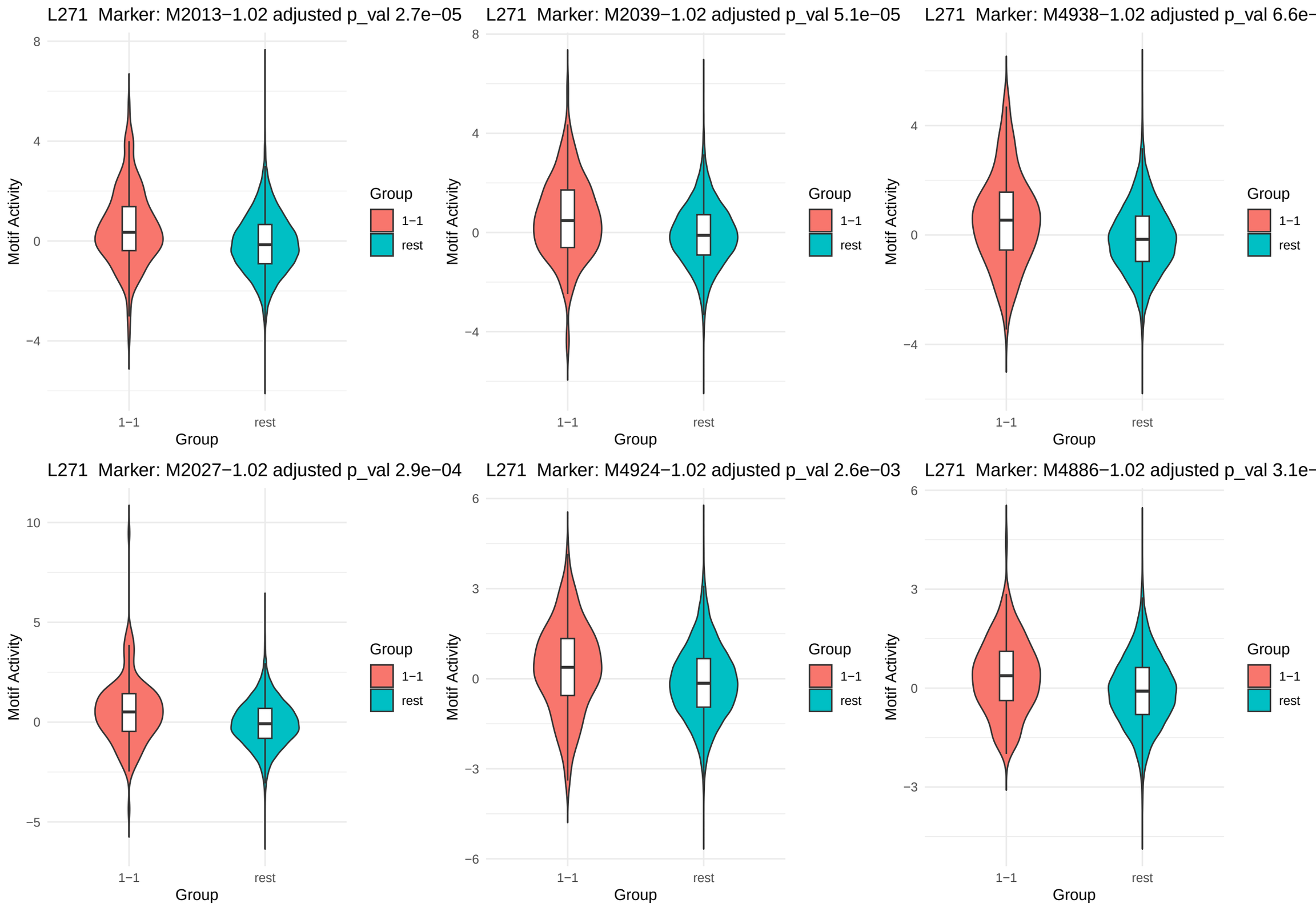

L266 Marker: M4886−1.02 adjusted p_val 1.2e−11
L266 Marker: M2026−1.02 adjusted p_val 8.8e−11
L266 Marker: M5177−1.02 adjusted p_val 3.6e−
L266 Marker: M5190−1.02 adjusted p_val 3.6e−08
L266 Marker: M4672−1.02 adjusted p_val 3.5e−07
L266 Marker: M4899−1.02 adjusted p_val 2.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

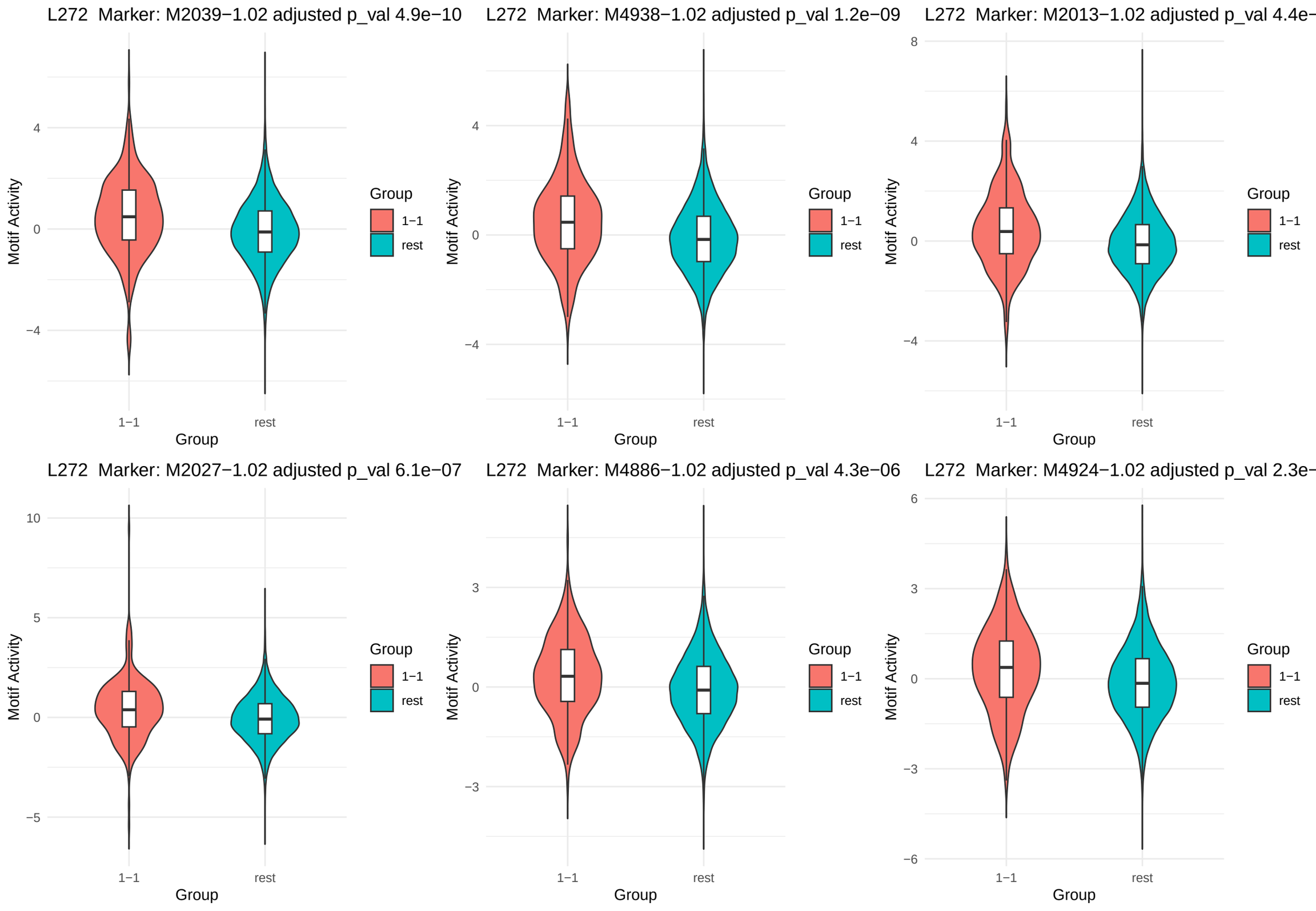

L267 Marker: M4924−1.02 adjusted p_val 1.6e−91
L267 Marker: M4938−1.02 adjusted p_val 1.2e−58
L267 Marker: M2039−1.02 adjusted p_val 1.5e−
L267 Marker: M2013−1.02 adjusted p_val 4.8e−48
L267 Marker: M2021−1.02 adjusted p_val 4e−45
L267 Marker: M4814−1.02 adjusted p_val 7e−4
Motif Activity
Group
1−1
rest
Group
1−1
rest

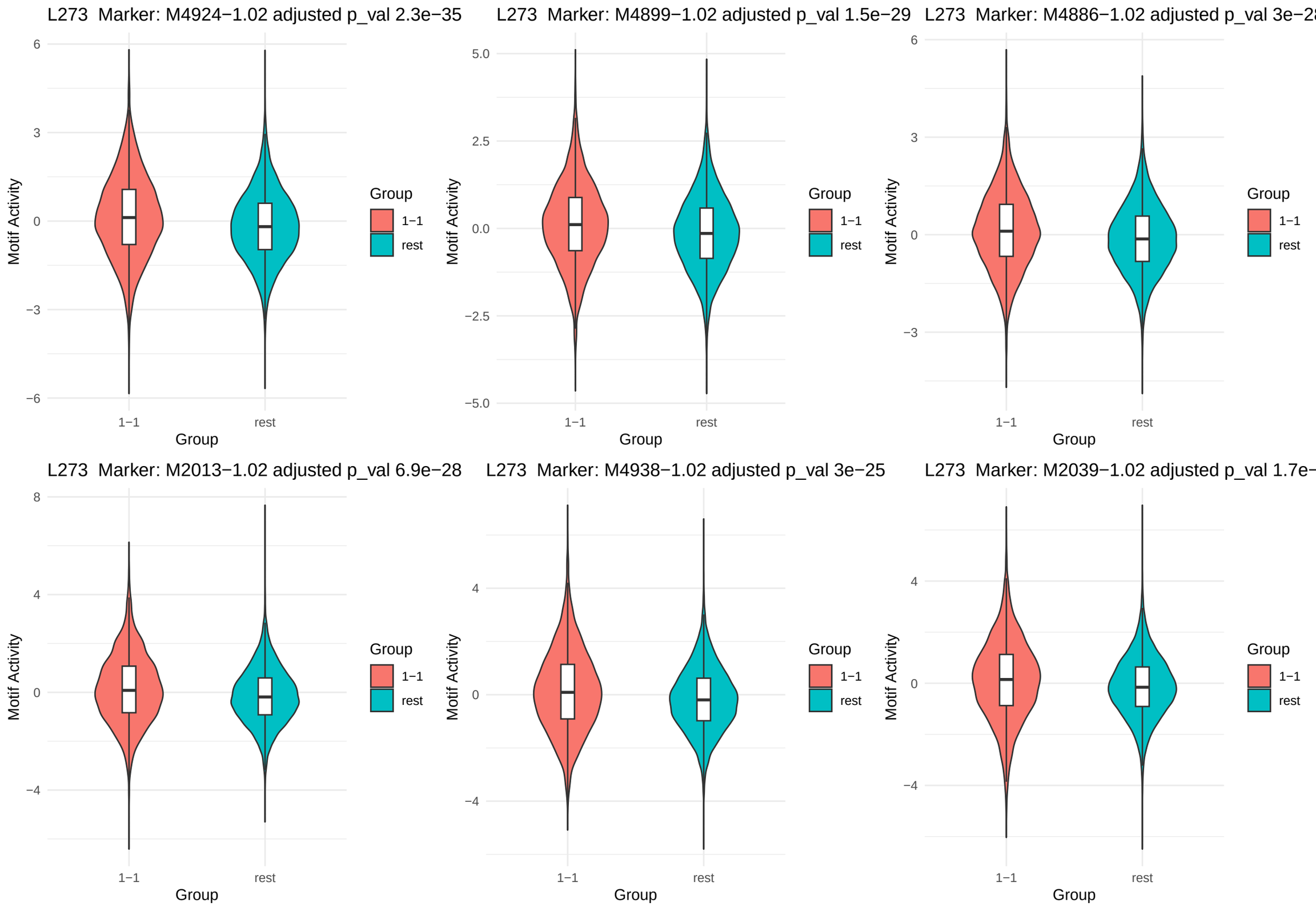

L268 Marker: M4924−1.02 adjusted p_val 8.9e−71
L268 Marker: M4899−1.02 adjusted p_val 2.2e−37
L268 Marker: M2039−1.02 adjusted p_val 5e−29
L268 Marker: M4886−1.02 adjusted p_val 5.8e−26
L268 Marker: M4938−1.02 adjusted p_val 6.7e−23
L268 Marker: M2013−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

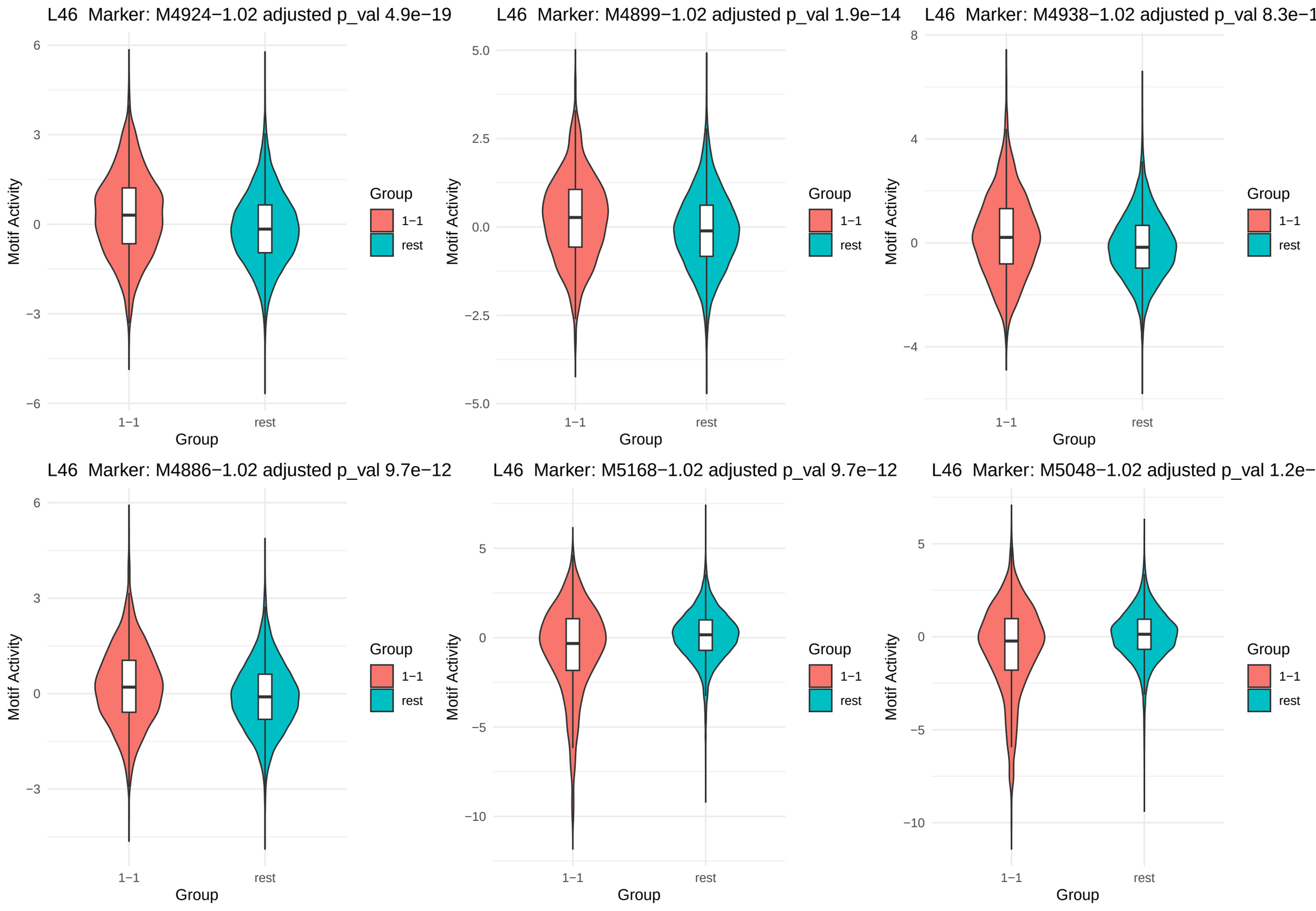

L269 Marker: M4899−1.02 adjusted p_val 1.9e−18
L269 Marker: M4938−1.02 adjusted p_val 2.1e−17
L269 Marker: M4745−1.02 adjusted p_val 1.5e−
L269 Marker: M5064−1.02 adjusted p_val 1.5e−15
L269 Marker: M5273−1.02 adjusted p_val 1.5e−15
L269 Marker: M4886−1.02 adjusted p_val 1.6e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

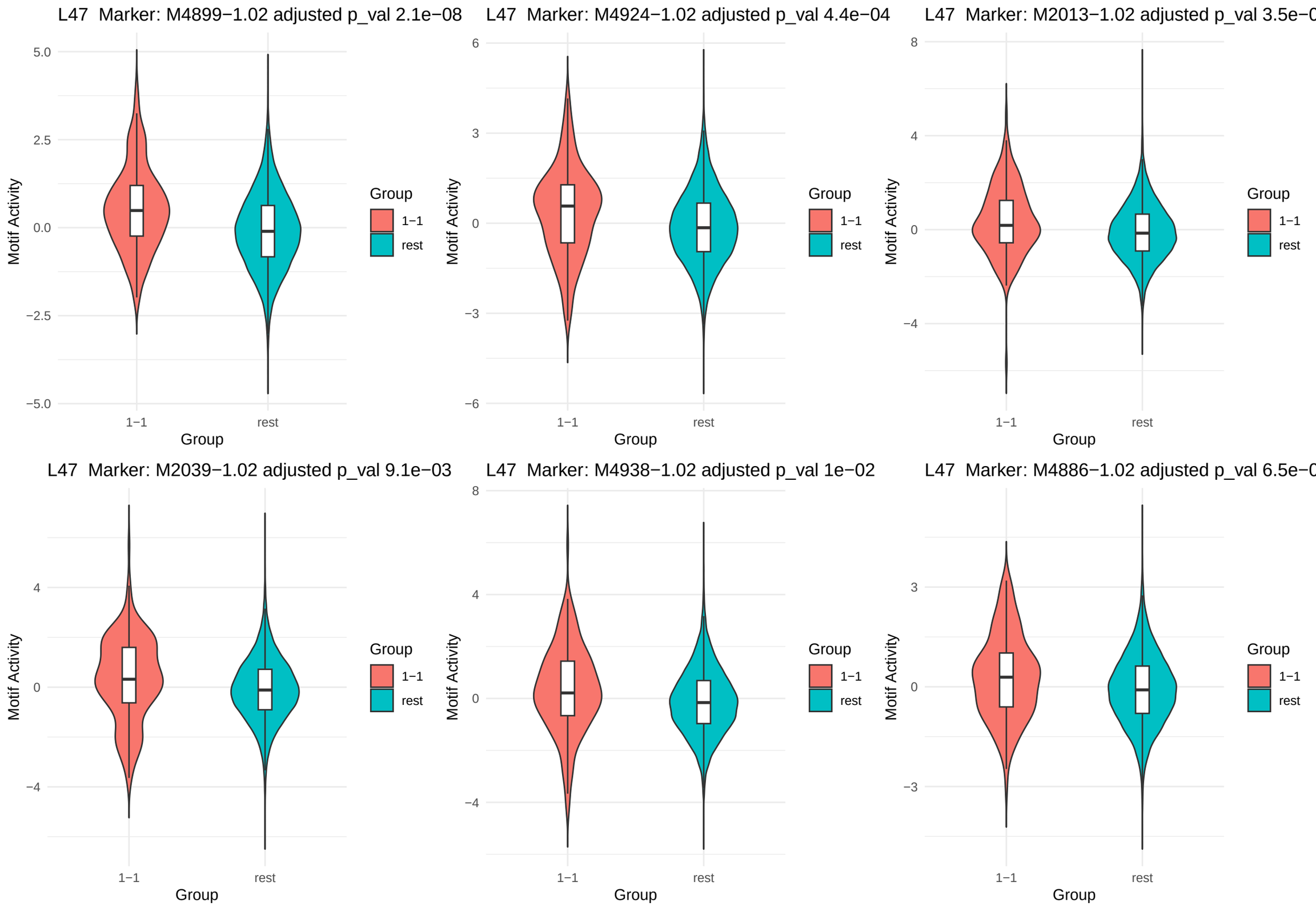

L270 Marker: M4924−1.02 adjusted p_val 2.6e−57
L270 Marker: M4814−1.02 adjusted p_val 1.8e−27
L270 Marker: M2021−1.02 adjusted p_val 4.8e−
L270 Marker: M2039−1.02 adjusted p_val 8.7e−26
L270 Marker: M4938−1.02 adjusted p_val 3.1e−24
L270 Marker: M4886−1.02 adjusted p_val 9.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

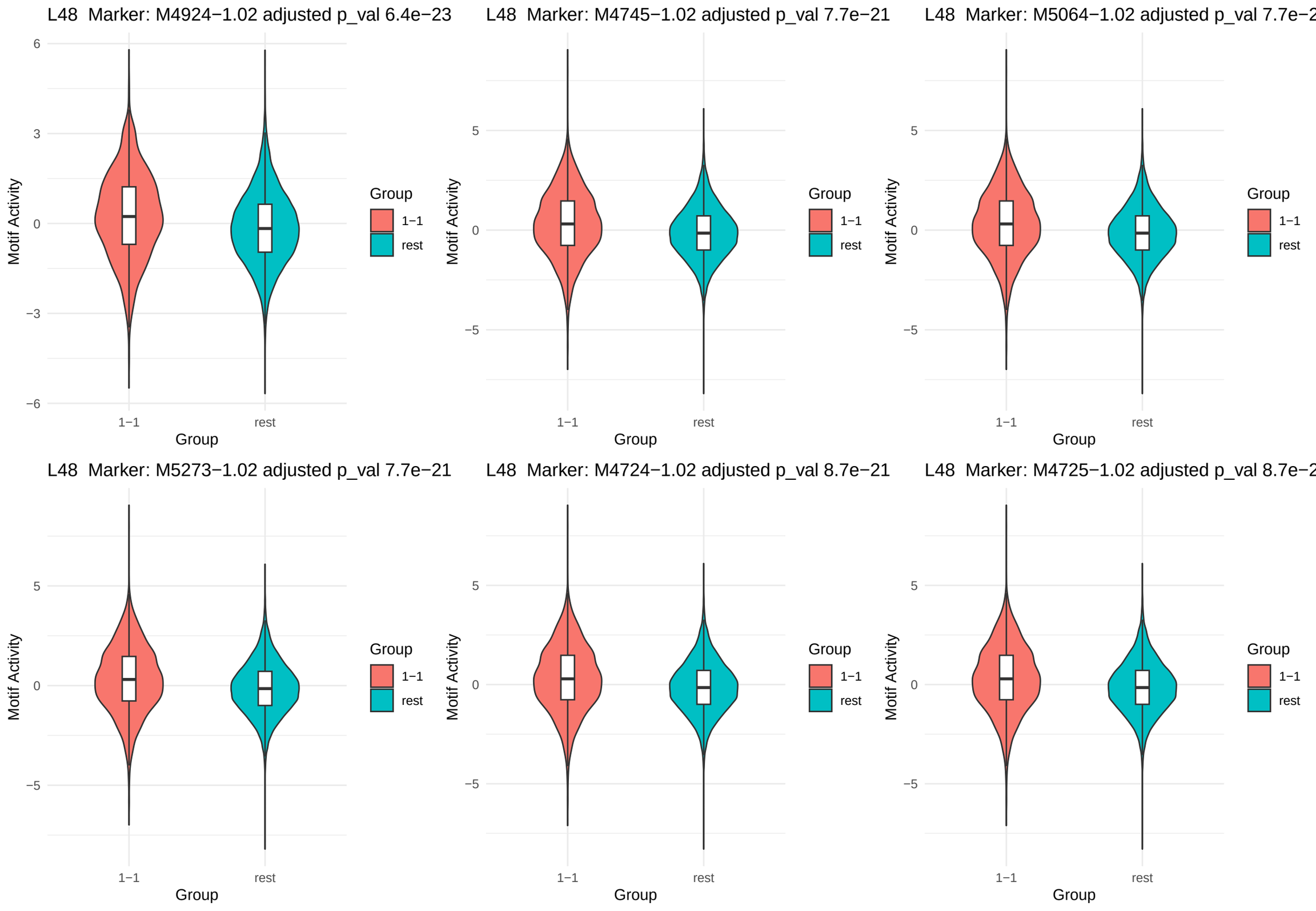

L271 Marker: M2013−1.02 adjusted p_val 2.7e−05
L271 Marker: M2039−1.02 adjusted p_val 5.1e−05
L271 Marker: M4938−1.02 adjusted p_val 6.6e−
L271 Marker: M2027−1.02 adjusted p_val 2.9e−04
L271 Marker: M4924−1.02 adjusted p_val 2.6e−03
L271 Marker: M4886−1.02 adjusted p_val 3.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

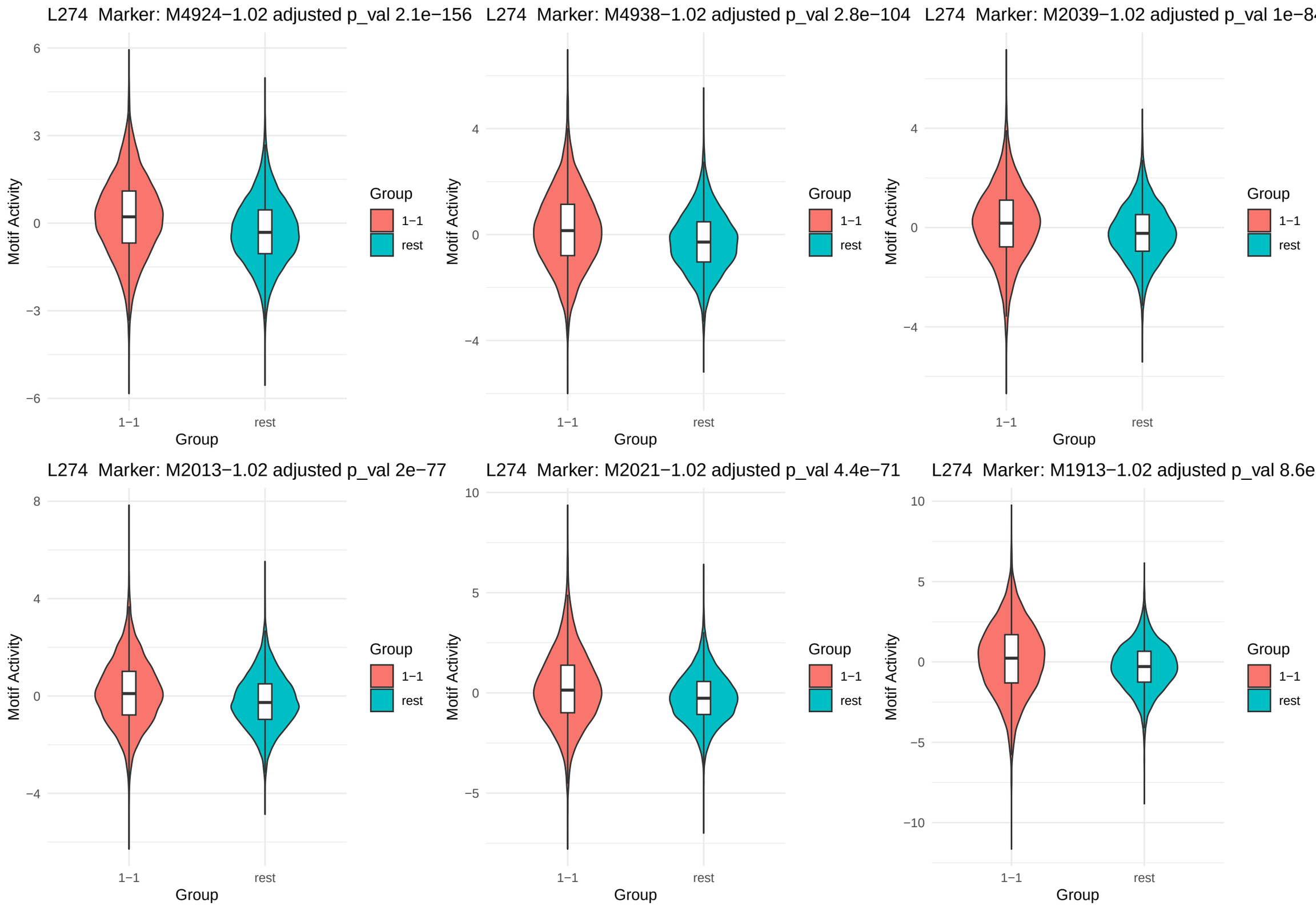

L272 Marker: M2039−1.02 adjusted p_val 4.9e−10
L272 Marker: M4938−1.02 adjusted p_val 1.2e−09
L272 Marker: M2013−1.02 adjusted p_val 4.4e−
L272 Marker: M2027−1.02 adjusted p_val 6.1e−07
L272 Marker: M4886−1.02 adjusted p_val 4.3e−06
L272 Marker: M4924−1.02 adjusted p_val 2.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

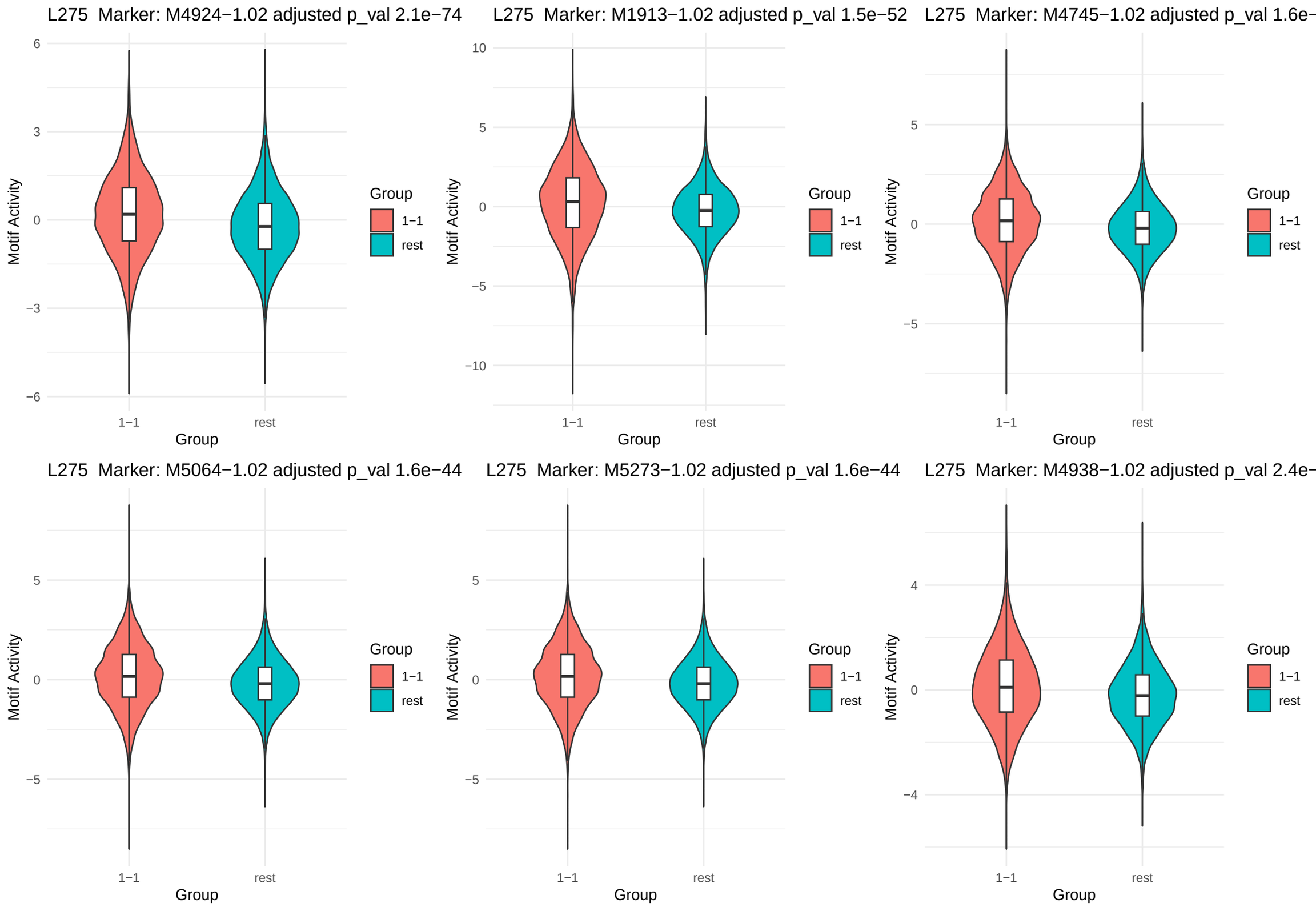

L273 Marker: M4924−1.02 adjusted p_val 2.3e−35
L273 Marker: M4899−1.02 adjusted p_val 1.5e−29
L273 Marker: M4886−1.02 adjusted p_val 3e−28
L273 Marker: M2013−1.02 adjusted p_val 6.9e−28
L273 Marker: M4938−1.02 adjusted p_val 3e−25
L273 Marker: M2039−1.02 adjusted p_val 1.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

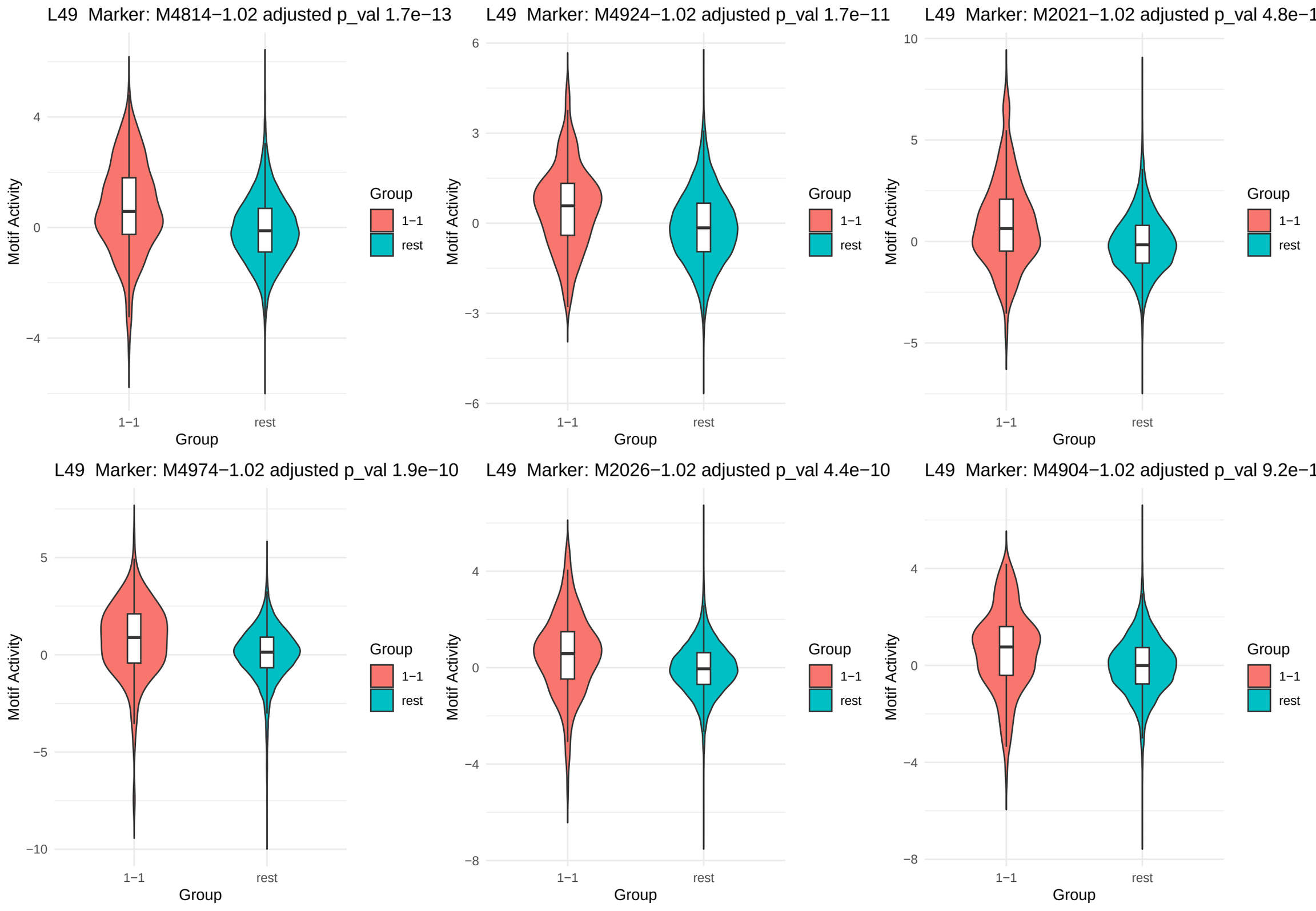

L46 Marker: M4924−1.02 adjusted p_val 4.9e−19
L46 Marker: M4899−1.02 adjusted p_val 1.9e−14
L46 Marker: M4938−1.02 adjusted p_val 8.3e−1
L46 Marker: M4886−1.02 adjusted p_val 9.7e−12
L46 Marker: M5168−1.02 adjusted p_val 9.7e−12
L46 Marker: M5048−1.02 adjusted p_val 1.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

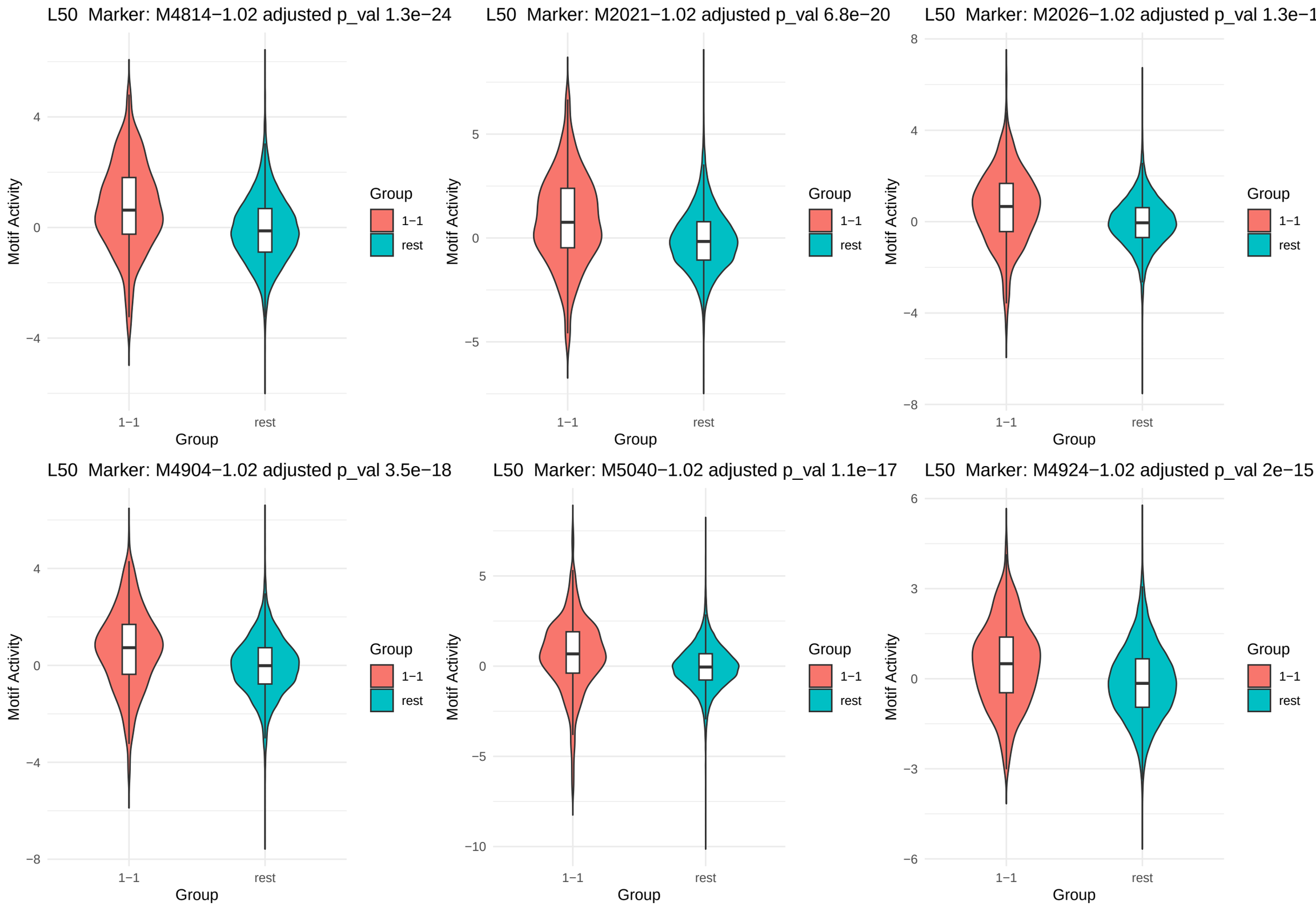

L47 Marker: M4899−1.02 adjusted p_val 2.1e−08
L47 Marker: M4924−1.02 adjusted p_val 4.4e−04
L47 Marker: M2013−1.02 adjusted p_val 3.5e−0
L47 Marker: M2039−1.02 adjusted p_val 9.1e−03
L47 Marker: M4938−1.02 adjusted p_val 1e−02
L47 Marker: M4886−1.02 adjusted p_val 6.5e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

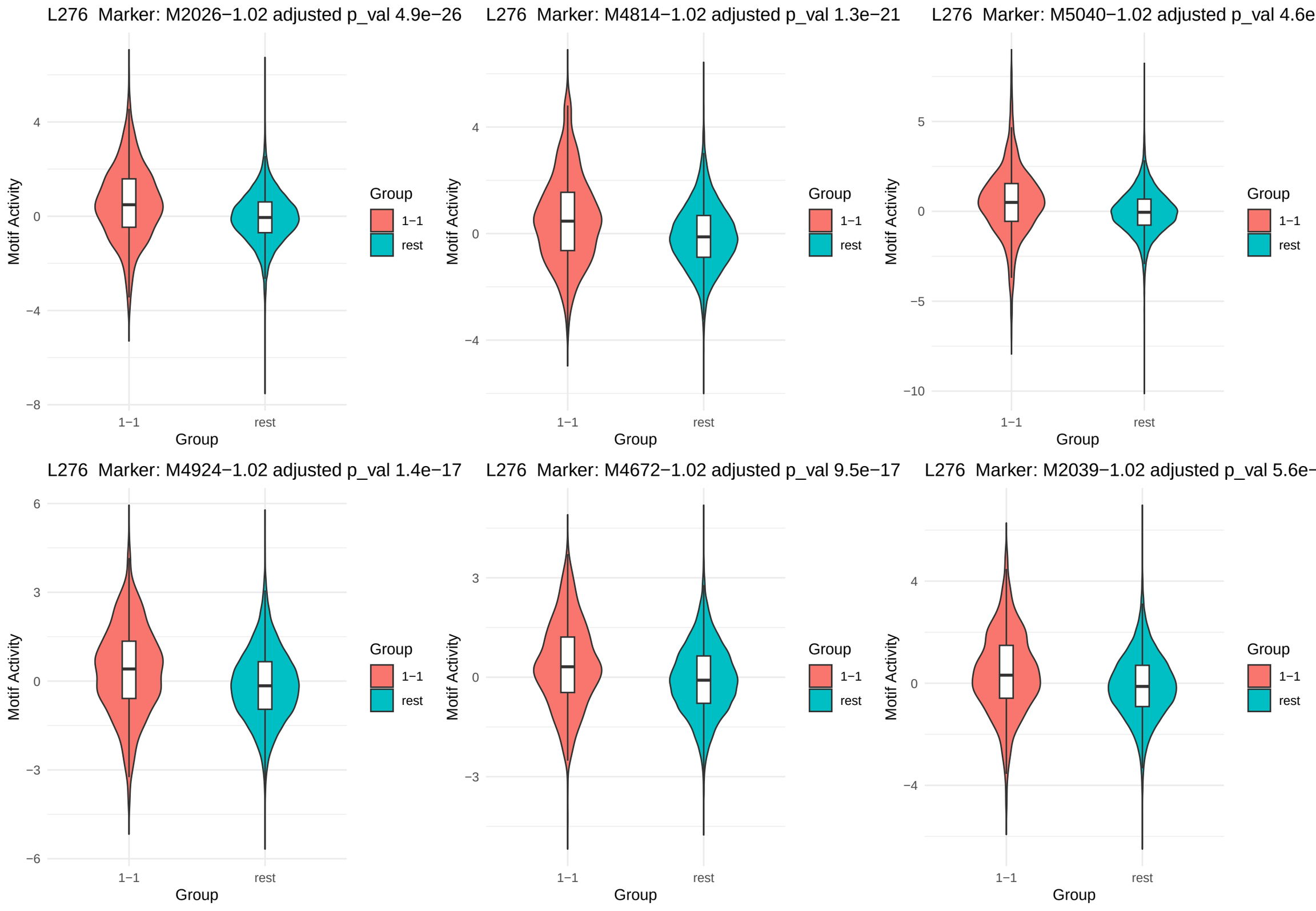

L48 Marker: M4924−1.02 adjusted p_val 6.4e−23
L48 Marker: M4745−1.02 adjusted p_val 7.7e−21
L48 Marker: M5064−1.02 adjusted p_val 7.7e−2
L48 Marker: M5273−1.02 adjusted p_val 7.7e−21
L48 Marker: M4724−1.02 adjusted p_val 8.7e−21
L48 Marker: M4725−1.02 adjusted p_val 8.7e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

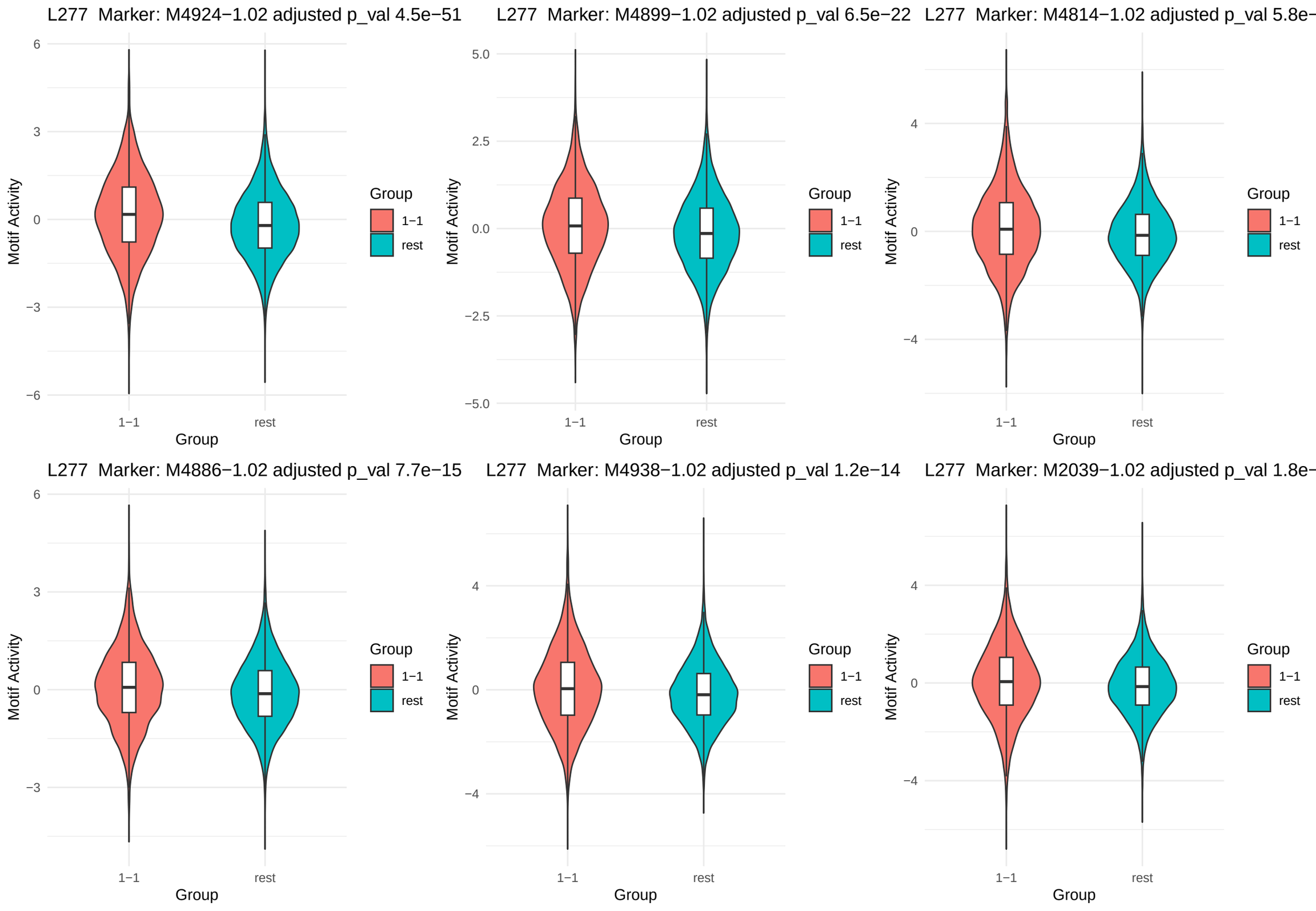

L274 Marker: M4924−1.02 adjusted p_val 2.1e−156
L274 Marker: M4938−1.02 adjusted p_val 2.8e−104
L274 Marker: M2039−1.02 adjusted p_val 1e−84
L274 Marker: M2013−1.02 adjusted p_val 2e−77
L274 Marker: M2021−1.02 adjusted p_val 4.4e−71
L274 Marker: M1913−1.02 adjusted p_val 8.6e
Motif Activity
Group
1−1
rest
Group
1−1
rest

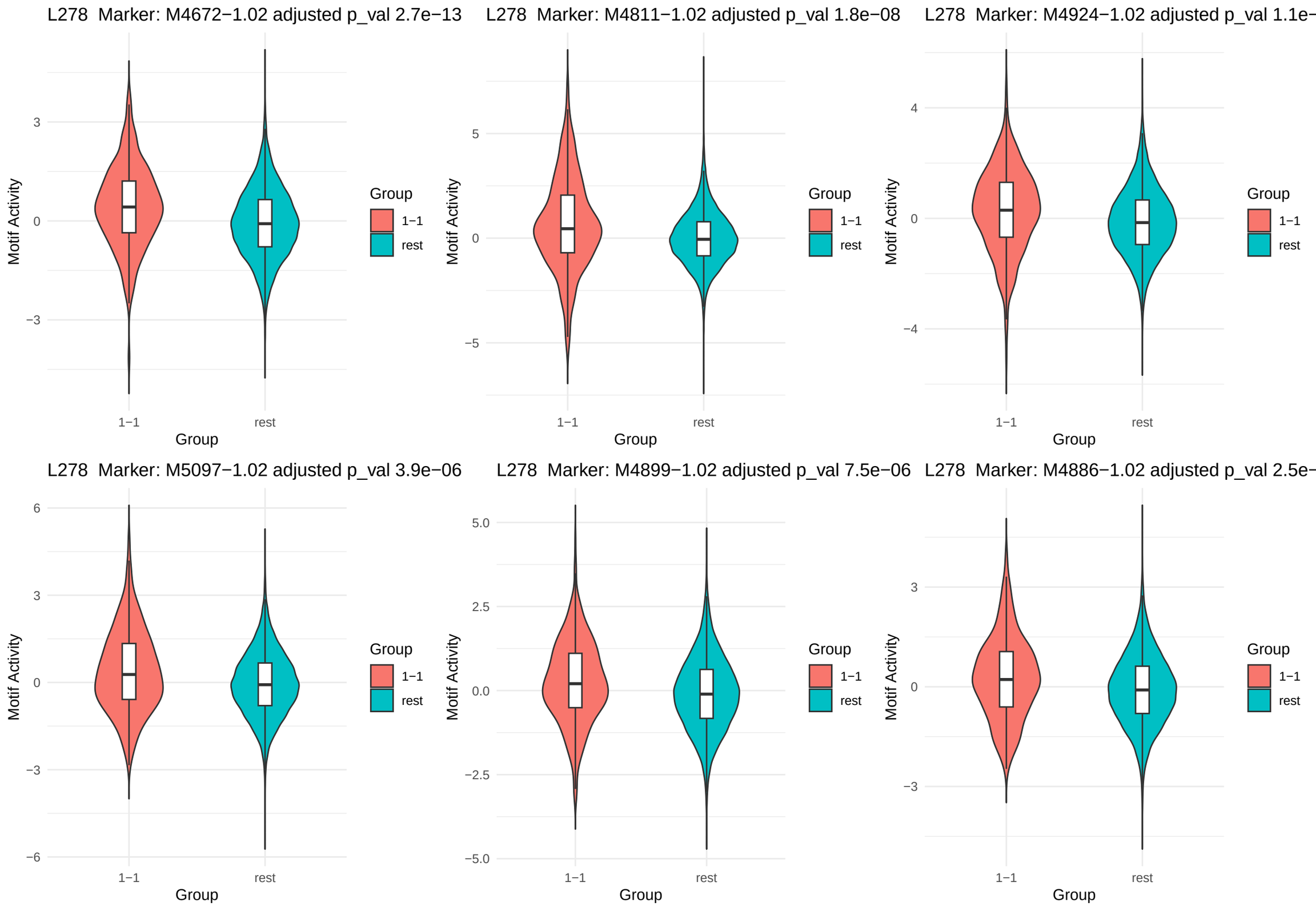

L275 Marker: M4924−1.02 adjusted p_val 2.1e−74
L275 Marker: M1913−1.02 adjusted p_val 1.5e−52
L275 Marker: M4745−1.02 adjusted p_val 1.6e−
L275 Marker: M5064−1.02 adjusted p_val 1.6e−44
L275 Marker: M5273−1.02 adjusted p_val 1.6e−44
L275 Marker: M4938−1.02 adjusted p_val 2.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

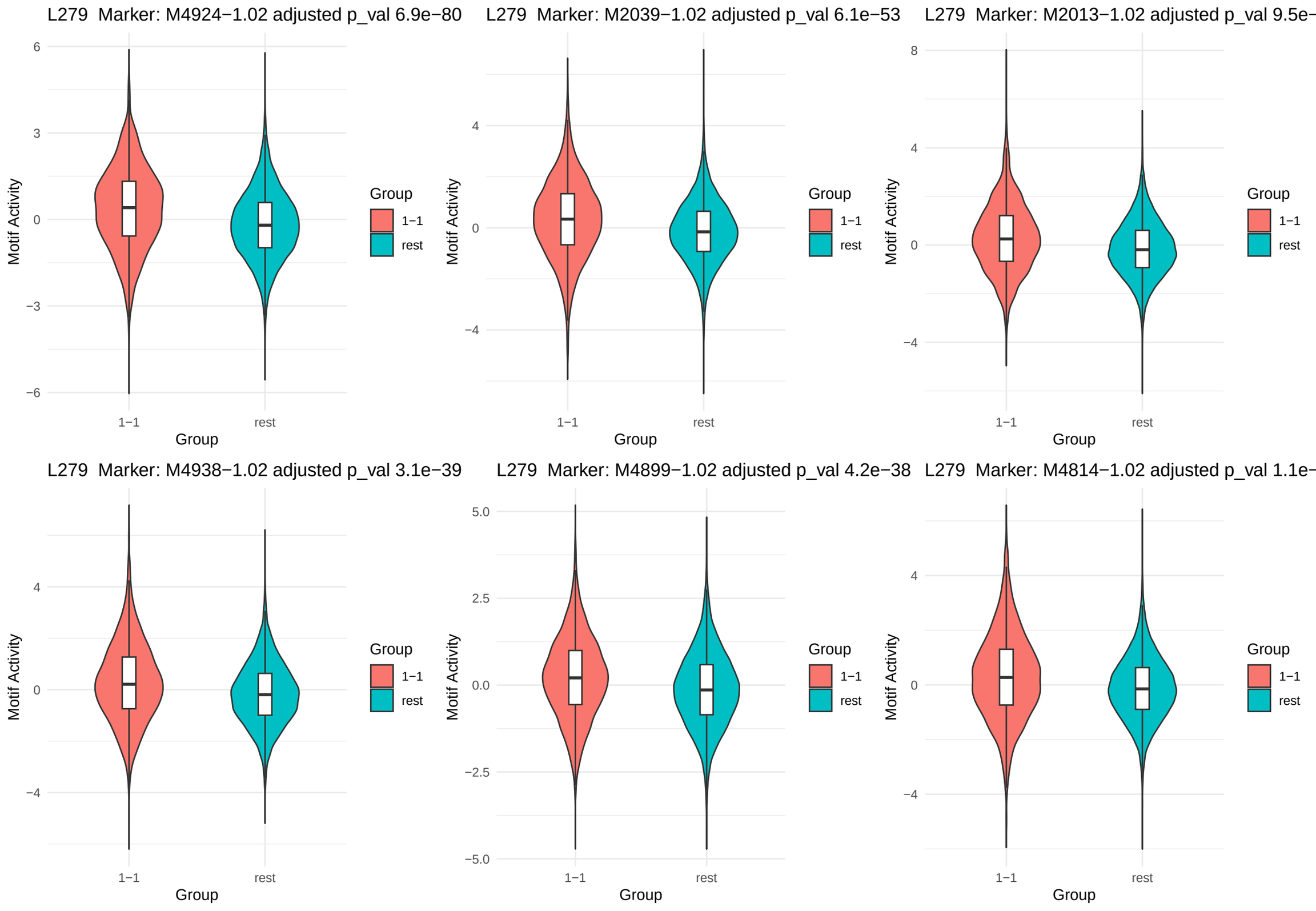

L49 Marker: M4814−1.02 adjusted p_val 1.7e−13
L49 Marker: M4924−1.02 adjusted p_val 1.7e−11
L49 Marker: M2021−1.02 adjusted p_val 4.8e−1
L49 Marker: M4974−1.02 adjusted p_val 1.9e−10
L49 Marker: M2026−1.02 adjusted p_val 4.4e−10
L49 Marker: M4904−1.02 adjusted p_val 9.2e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

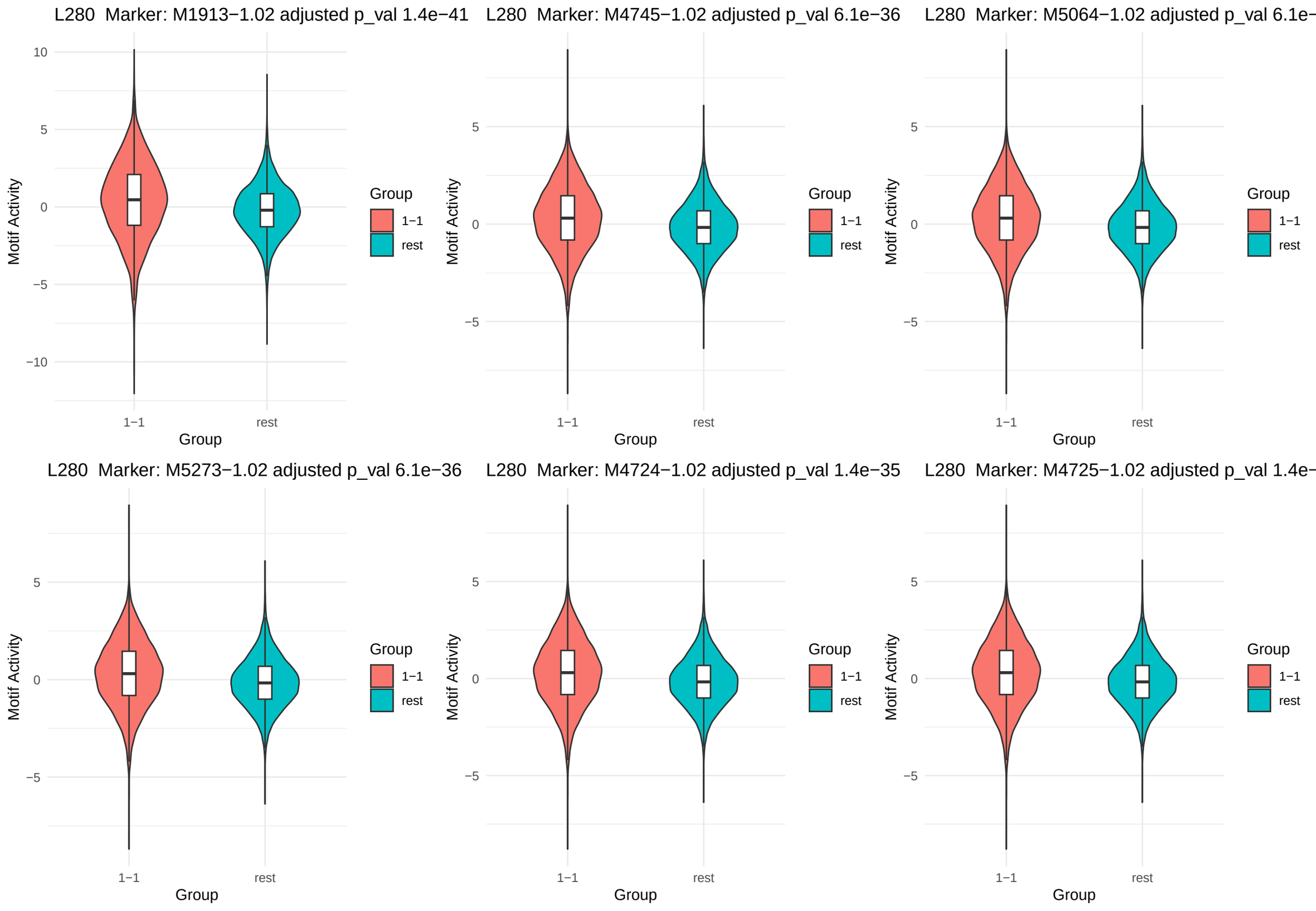

L50 Marker: M4814−1.02 adjusted p_val 1.3e−24
L50 Marker: M2021−1.02 adjusted p_val 6.8e−20
L50 Marker: M2026−1.02 adjusted p_val 1.3e−1
L50 Marker: M4904−1.02 adjusted p_val 3.5e−18
L50 Marker: M5040−1.02 adjusted p_val 1.1e−17
L50 Marker: M4924−1.02 adjusted p_val 2e−15
Motif Activity
Group
1−1
rest
Group
1−1
rest

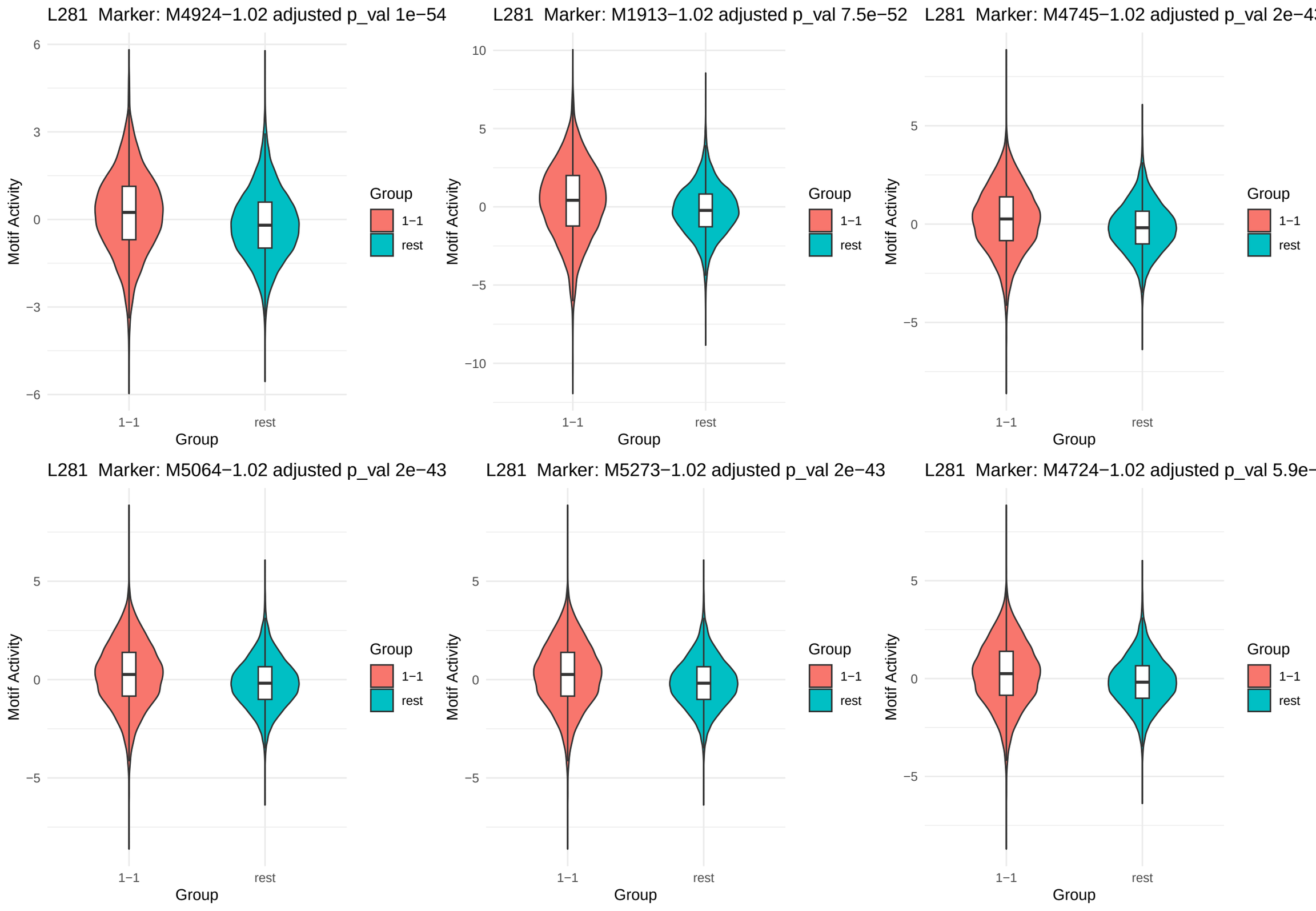

L276 Marker: M2026−1.02 adjusted p_val 4.9e−26
L276 Marker: M4814−1.02 adjusted p_val 1.3e−21
L276 Marker: M5040−1.02 adjusted p_val 4.6e
L276 Marker: M4924−1.02 adjusted p_val 1.4e−17
L276 Marker: M4672−1.02 adjusted p_val 9.5e−17
L276 Marker: M2039−1.02 adjusted p_val 5.6e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

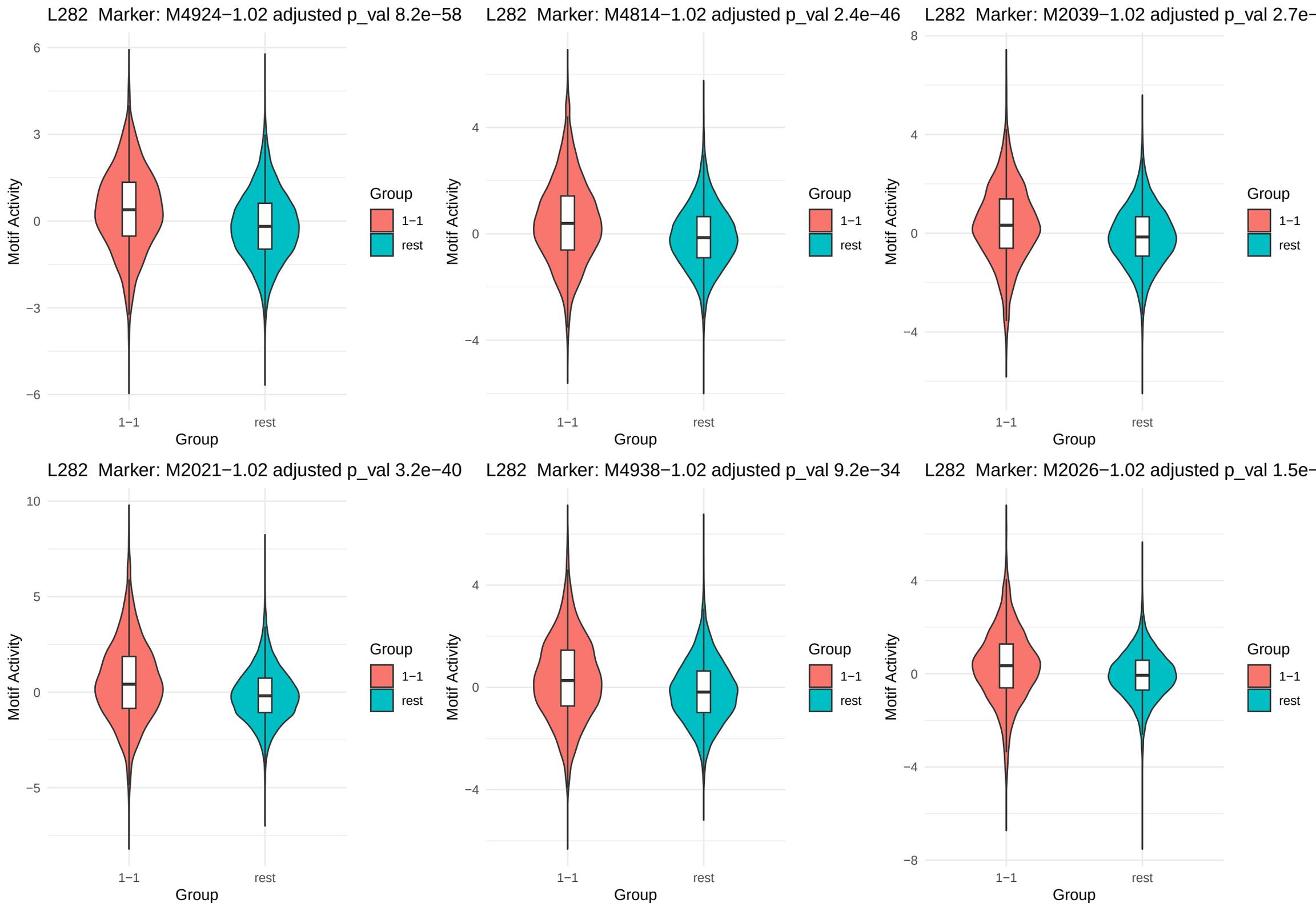

L277 Marker: M4924−1.02 adjusted p_val 4.5e−51
L277 Marker: M4899−1.02 adjusted p_val 6.5e−22
L277 Marker: M4814−1.02 adjusted p_val 5.8e−
L277 Marker: M4886−1.02 adjusted p_val 7.7e−15
L277 Marker: M4938−1.02 adjusted p_val 1.2e−14
L277 Marker: M2039−1.02 adjusted p_val 1.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

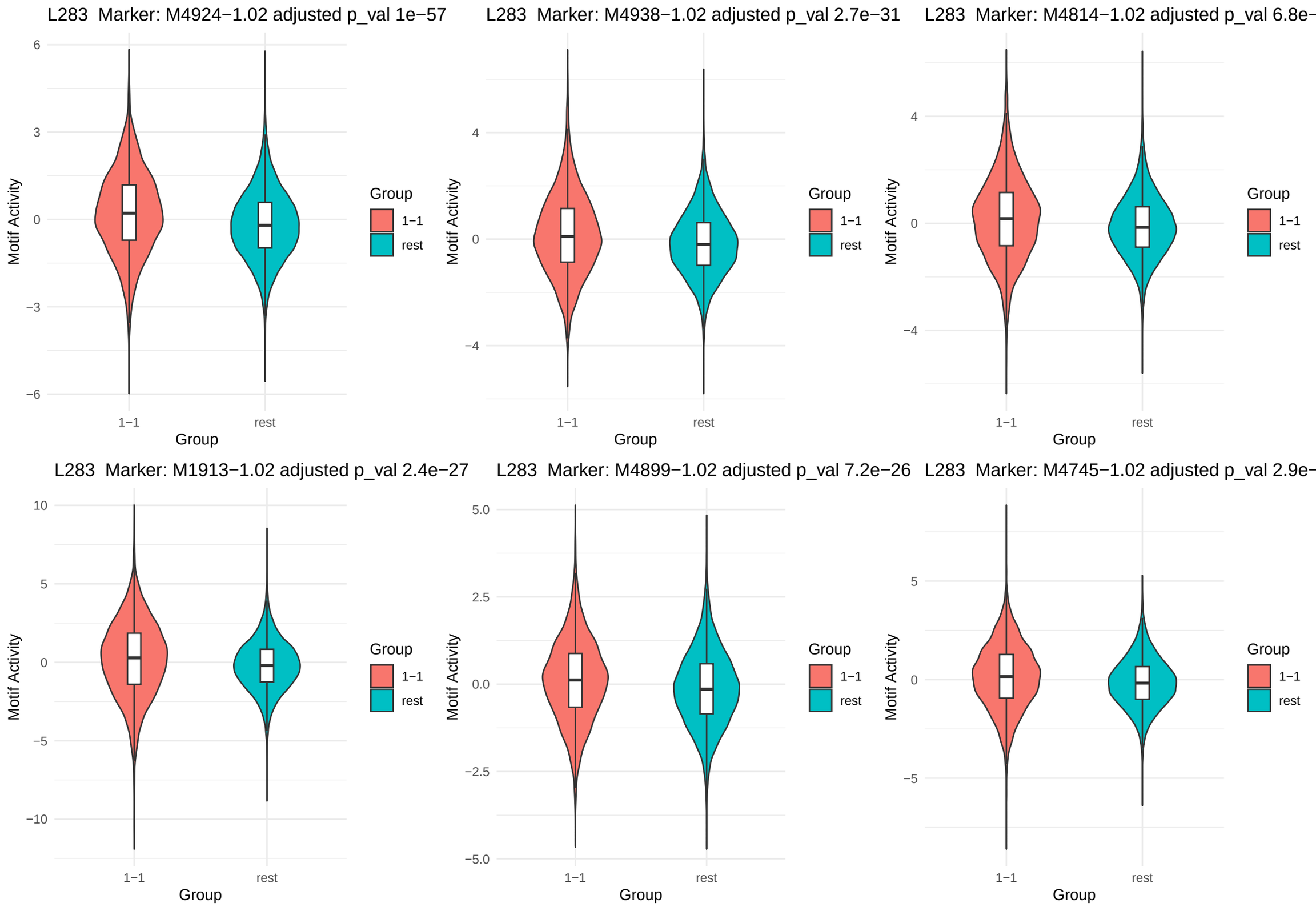

L278 Marker: M4672−1.02 adjusted p_val 2.7e−13
L278 Marker: M4811−1.02 adjusted p_val 1.8e−08
L278 Marker: M4924−1.02 adjusted p_val 1.1e−
L278 Marker: M5097−1.02 adjusted p_val 3.9e−06
L278 Marker: M4899−1.02 adjusted p_val 7.5e−06
L278 Marker: M4886−1.02 adjusted p_val 2.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

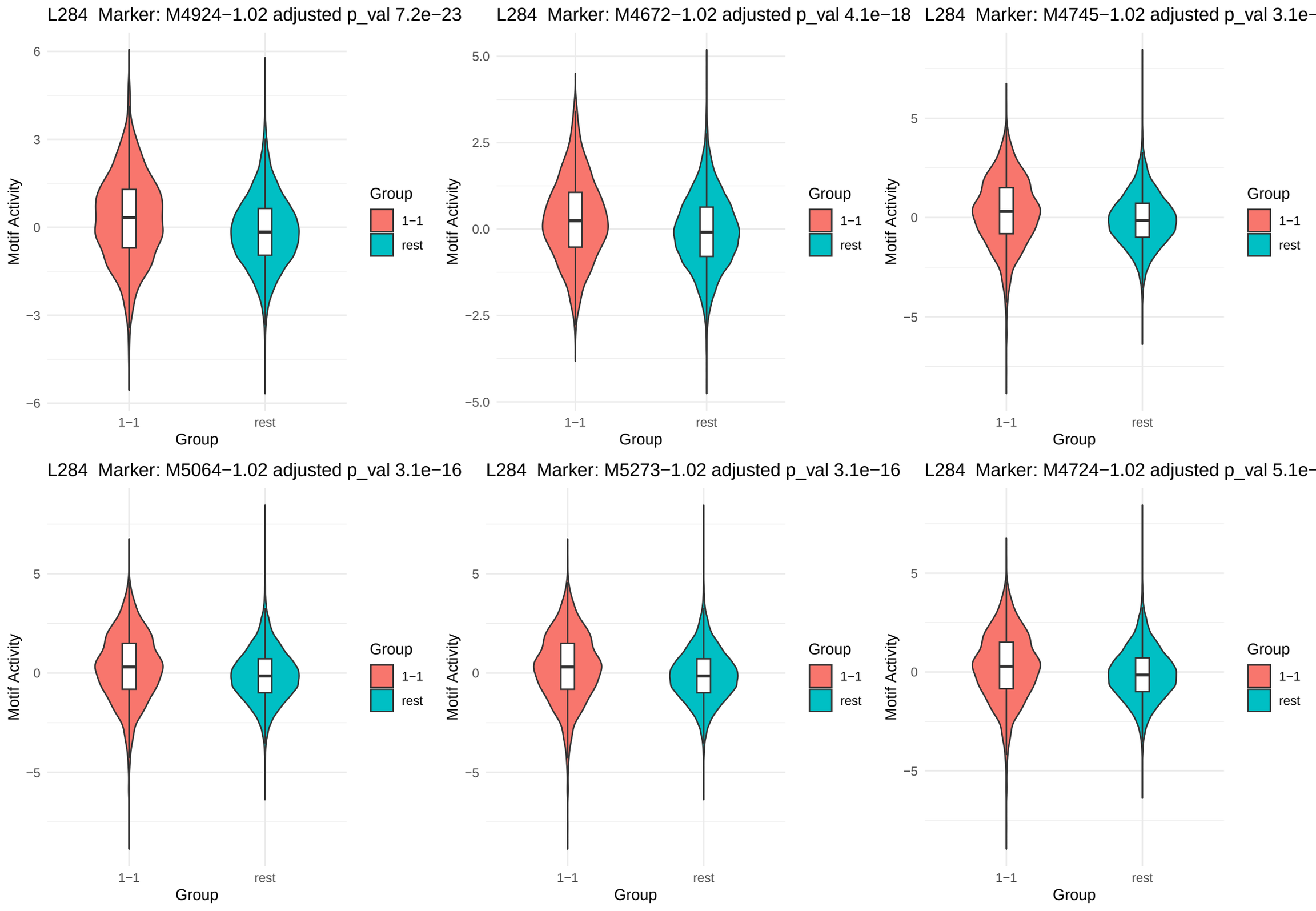

L279 Marker: M4924−1.02 adjusted p_val 6.9e−80
L279 Marker: M2039−1.02 adjusted p_val 6.1e−53
L279 Marker: M2013−1.02 adjusted p_val 9.5e−
L279 Marker: M4938−1.02 adjusted p_val 3.1e−39
L279 Marker: M4899−1.02 adjusted p_val 4.2e−38
L279 Marker: M4814−1.02 adjusted p_val 1.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

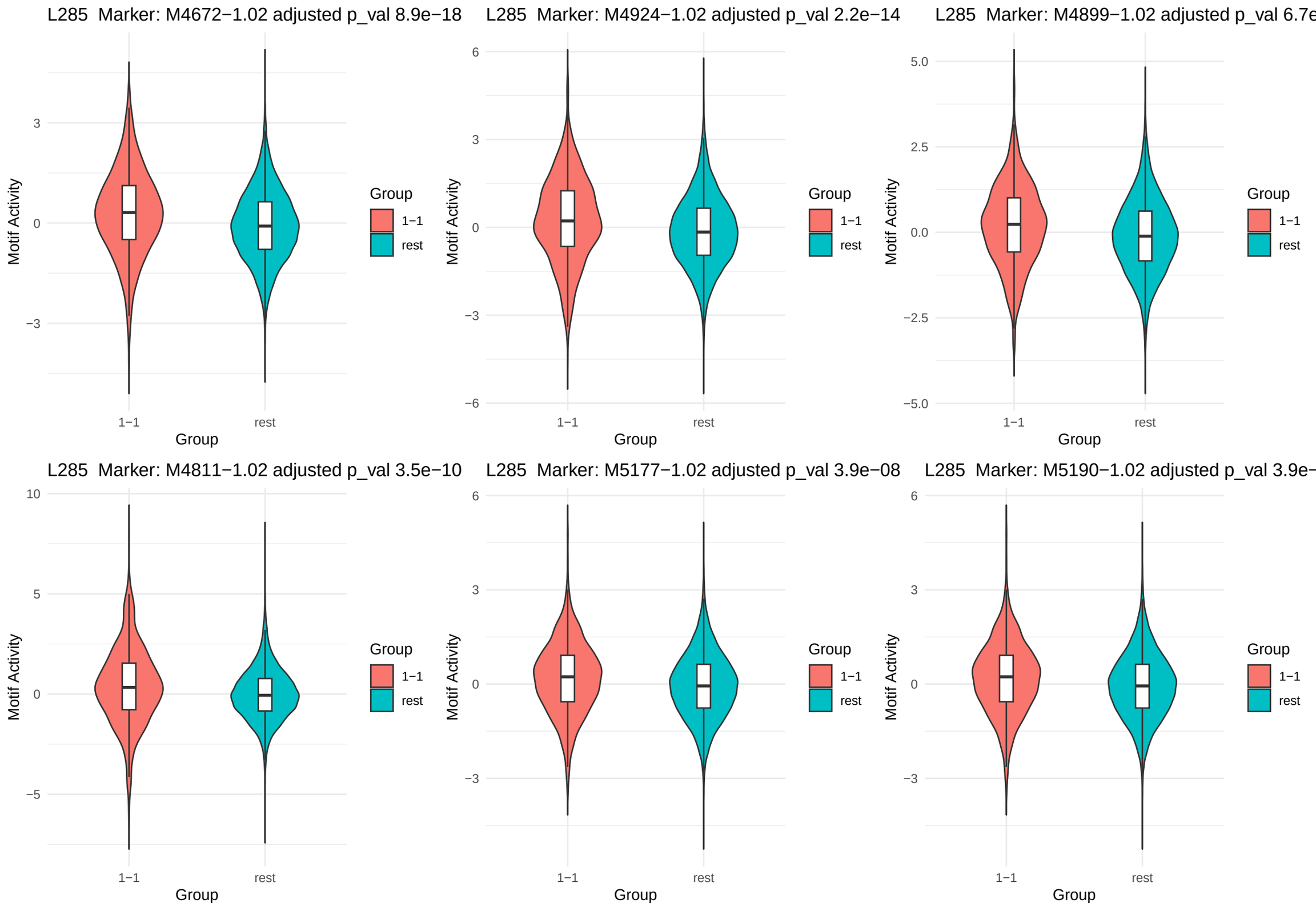

L280 Marker: M1913−1.02 adjusted p_val 1.4e−41
L280 Marker: M4745−1.02 adjusted p_val 6.1e−36
L280 Marker: M5064−1.02 adjusted p_val 6.1e−
L280 Marker: M5273−1.02 adjusted p_val 6.1e−36
L280 Marker: M4724−1.02 adjusted p_val 1.4e−35
L280 Marker: M4725−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

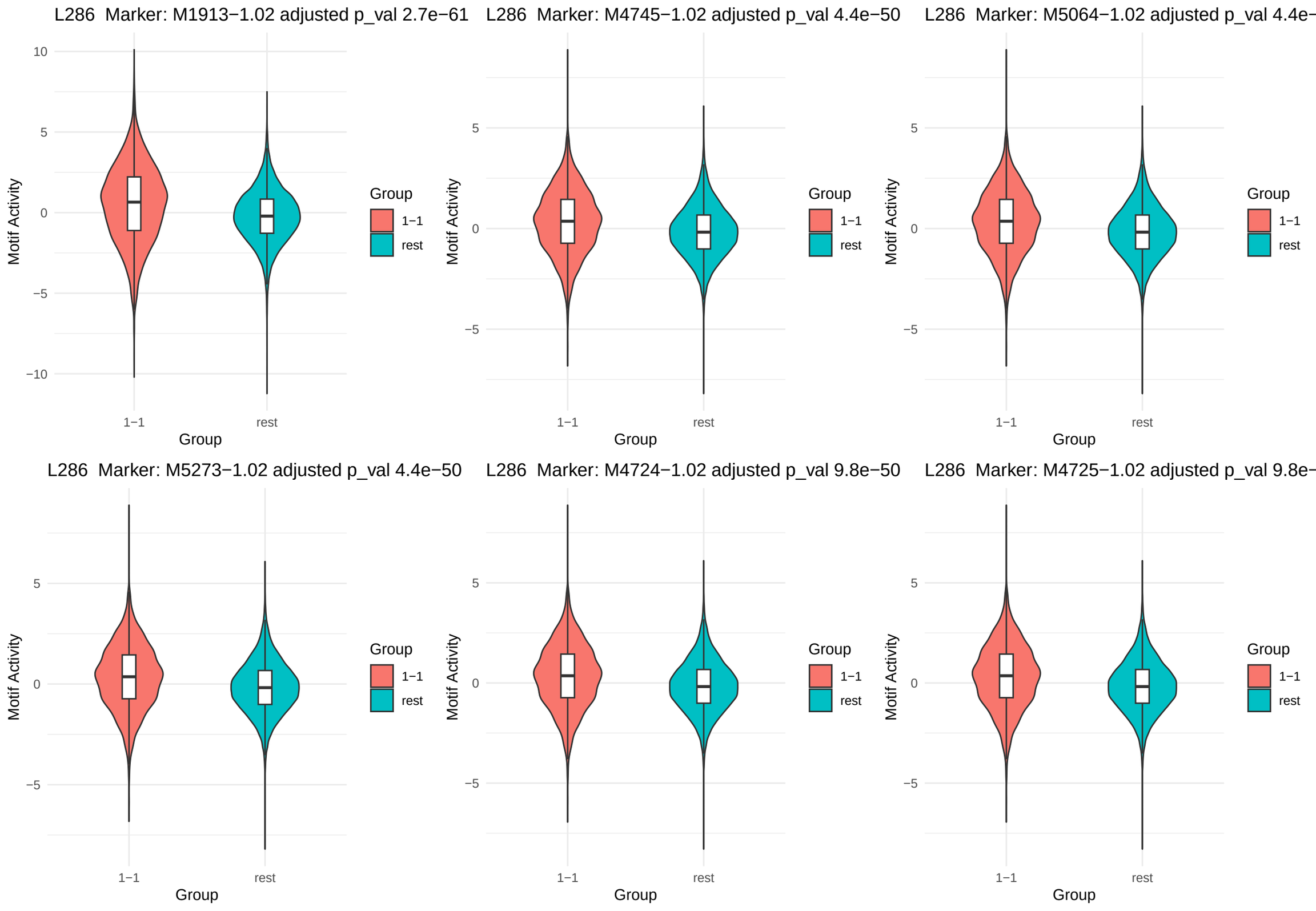

L281 Marker: M4924−1.02 adjusted p_val 1e−54
L281 Marker: M1913−1.02 adjusted p_val 7.5e−52
L281 Marker: M4745−1.02 adjusted p_val 2e−43
L281 Marker: M5064−1.02 adjusted p_val 2e−43
L281 Marker: M5273−1.02 adjusted p_val 2e−43
L281 Marker: M4724−1.02 adjusted p_val 5.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

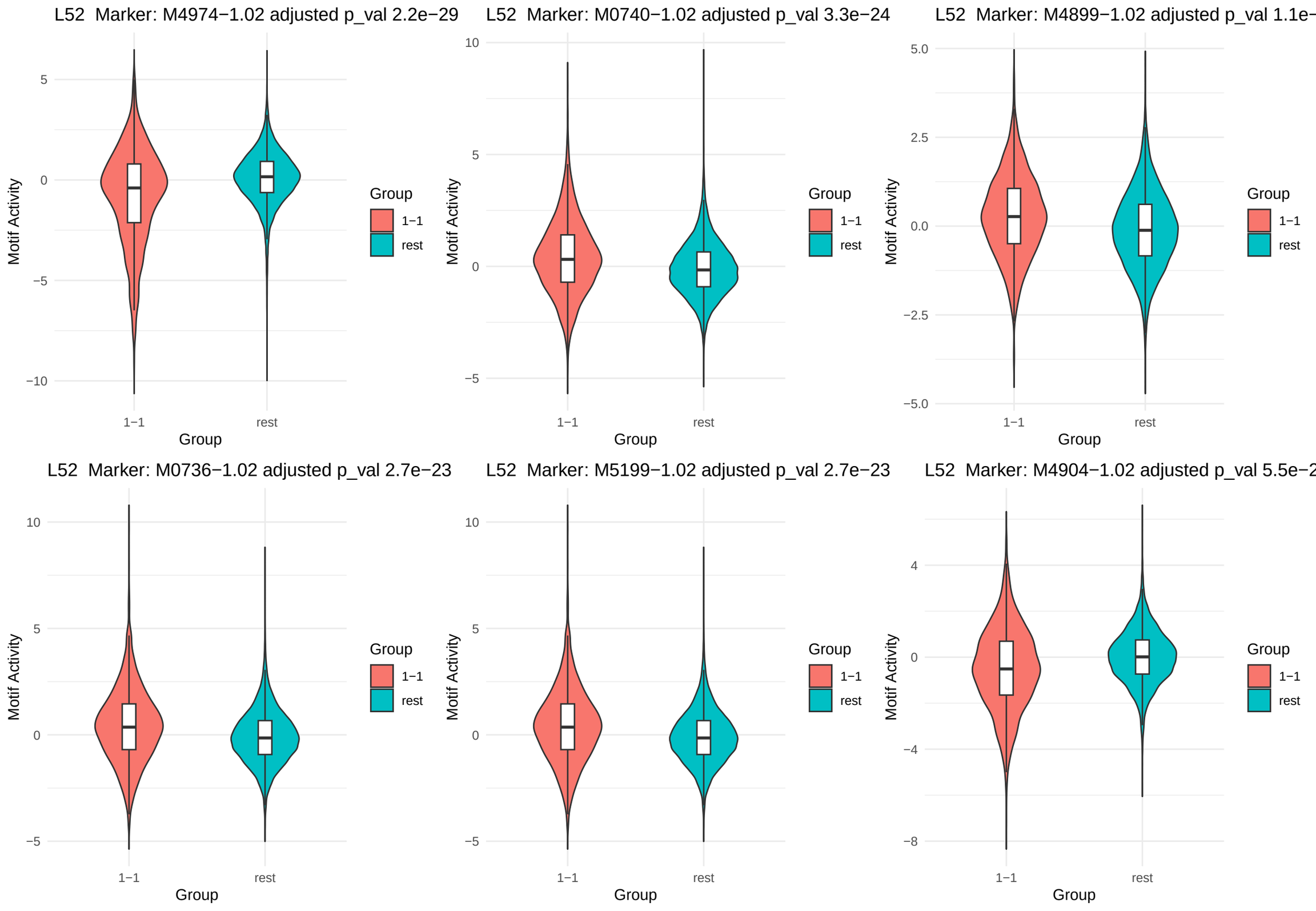

L282 Marker: M4924−1.02 adjusted p_val 8.2e−58
L282 Marker: M4814−1.02 adjusted p_val 2.4e−46
L282 Marker: M2039−1.02 adjusted p_val 2.7e−
L282 Marker: M2021−1.02 adjusted p_val 3.2e−40
L282 Marker: M4938−1.02 adjusted p_val 9.2e−34
L282 Marker: M2026−1.02 adjusted p_val 1.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

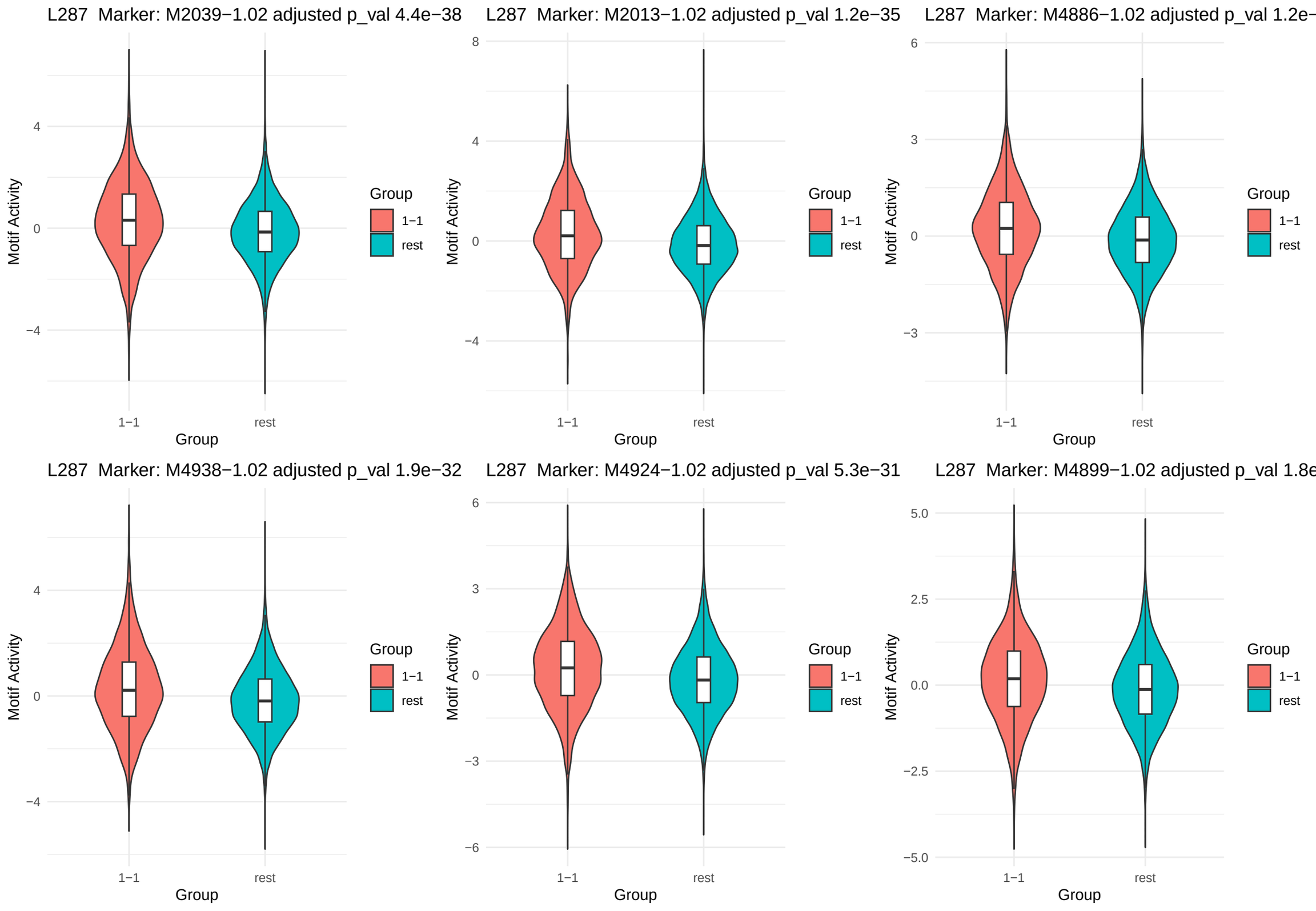

L283 Marker: M4924−1.02 adjusted p_val 1e−57
L283 Marker: M4938−1.02 adjusted p_val 2.7e−31
L283 Marker: M4814−1.02 adjusted p_val 6.8e−
L283 Marker: M1913−1.02 adjusted p_val 2.4e−27
L283 Marker: M4899−1.02 adjusted p_val 7.2e−26
L283 Marker: M4745−1.02 adjusted p_val 2.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

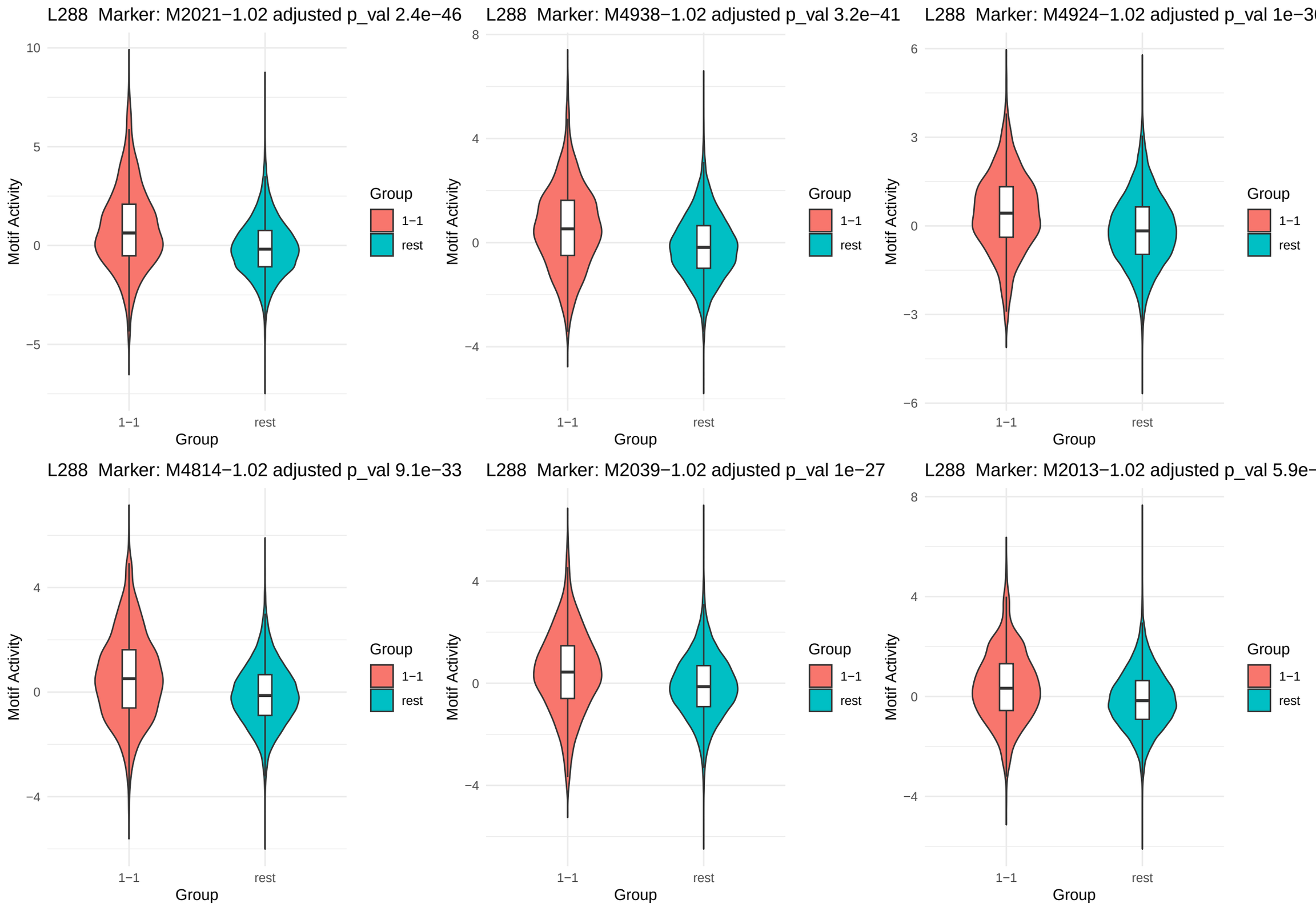

L284 Marker: M4924−1.02 adjusted p_val 7.2e−23
L284 Marker: M4672−1.02 adjusted p_val 4.1e−18
L284 Marker: M4745−1.02 adjusted p_val 3.1e−
L284 Marker: M5064−1.02 adjusted p_val 3.1e−16
L284 Marker: M5273−1.02 adjusted p_val 3.1e−16
L284 Marker: M4724−1.02 adjusted p_val 5.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

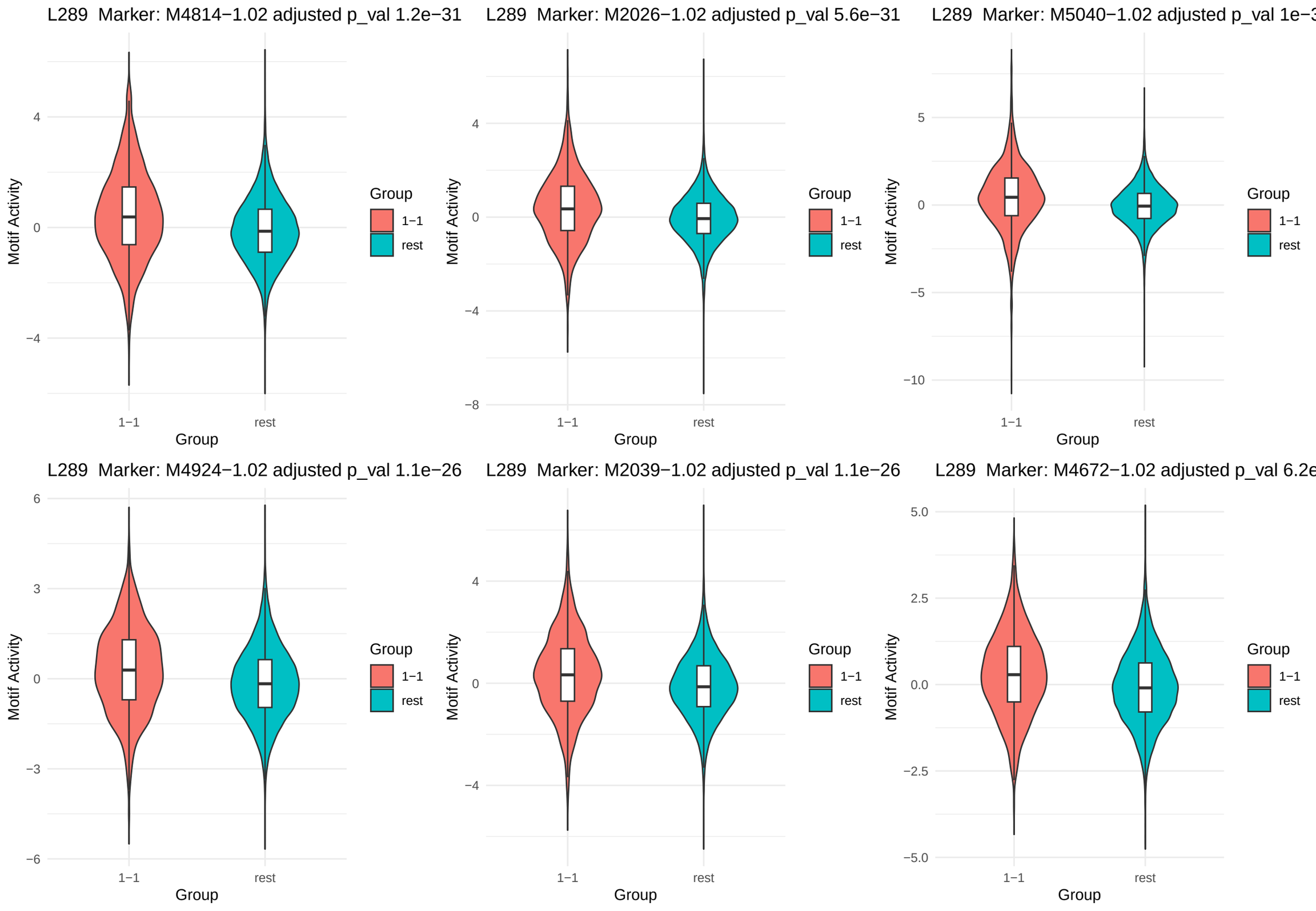

L285 Marker: M4672−1.02 adjusted p_val 8.9e−18
L285 Marker: M4924−1.02 adjusted p_val 2.2e−14
L285 Marker: M4899−1.02 adjusted p_val 6.7e
L285 Marker: M4811−1.02 adjusted p_val 3.5e−10
L285 Marker: M5177−1.02 adjusted p_val 3.9e−08
L285 Marker: M5190−1.02 adjusted p_val 3.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

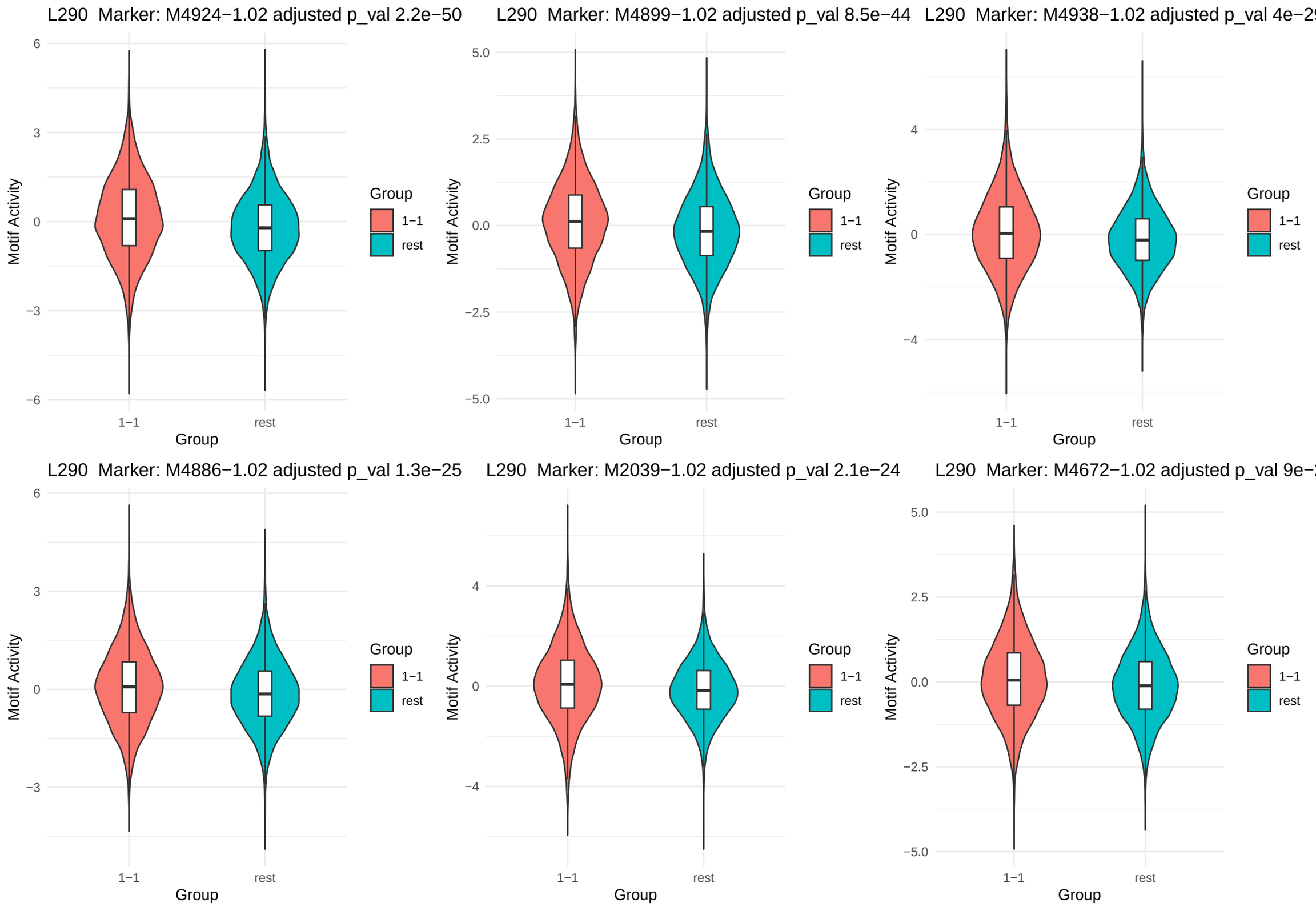

L286 Marker: M1913−1.02 adjusted p_val 2.7e−61
L286 Marker: M4745−1.02 adjusted p_val 4.4e−50
L286 Marker: M5064−1.02 adjusted p_val 4.4e−
L286 Marker: M5273−1.02 adjusted p_val 4.4e−50
L286 Marker: M4724−1.02 adjusted p_val 9.8e−50
L286 Marker: M4725−1.02 adjusted p_val 9.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

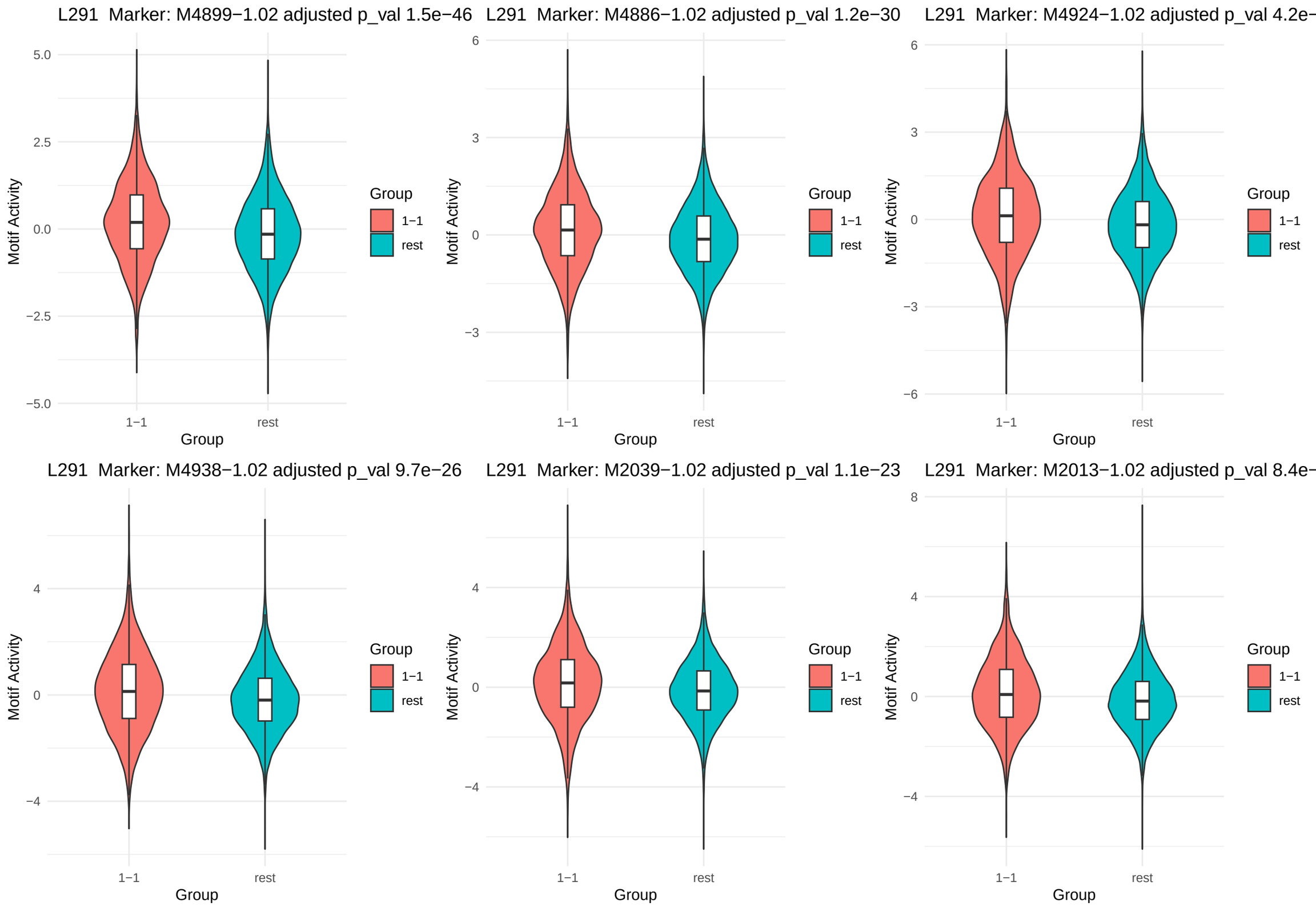

L52 Marker: M4974−1.02 adjusted p_val 2.2e−29
L52 Marker: M0740−1.02 adjusted p_val 3.3e−24
L52 Marker: M4899−1.02 adjusted p_val 1.1e−
L52 Marker: M0736−1.02 adjusted p_val 2.7e−23
L52 Marker: M5199−1.02 adjusted p_val 2.7e−23
L52 Marker: M4904−1.02 adjusted p_val 5.5e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

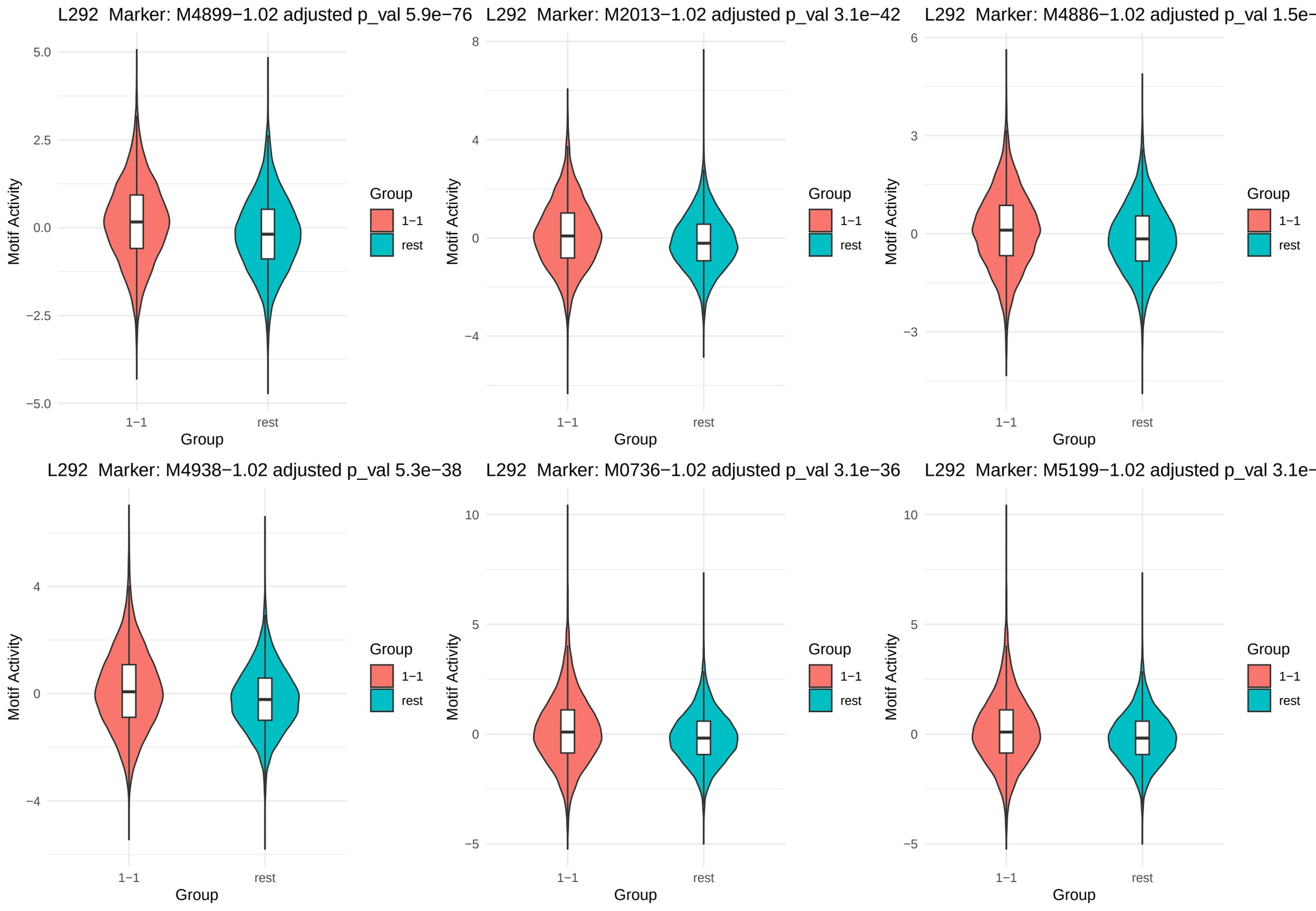

L287 Marker: M2039−1.02 adjusted p_val 4.4e−38
L287 Marker: M2013−1.02 adjusted p_val 1.2e−35
L287 Marker: M4886−1.02 adjusted p_val 1.2e−
L287 Marker: M4938−1.02 adjusted p_val 1.9e−32
L287 Marker: M4924−1.02 adjusted p_val 5.3e−31
L287 Marker: M4899−1.02 adjusted p_val 1.8e
Motif Activity
Group
1−1
rest
Group
1−1
rest

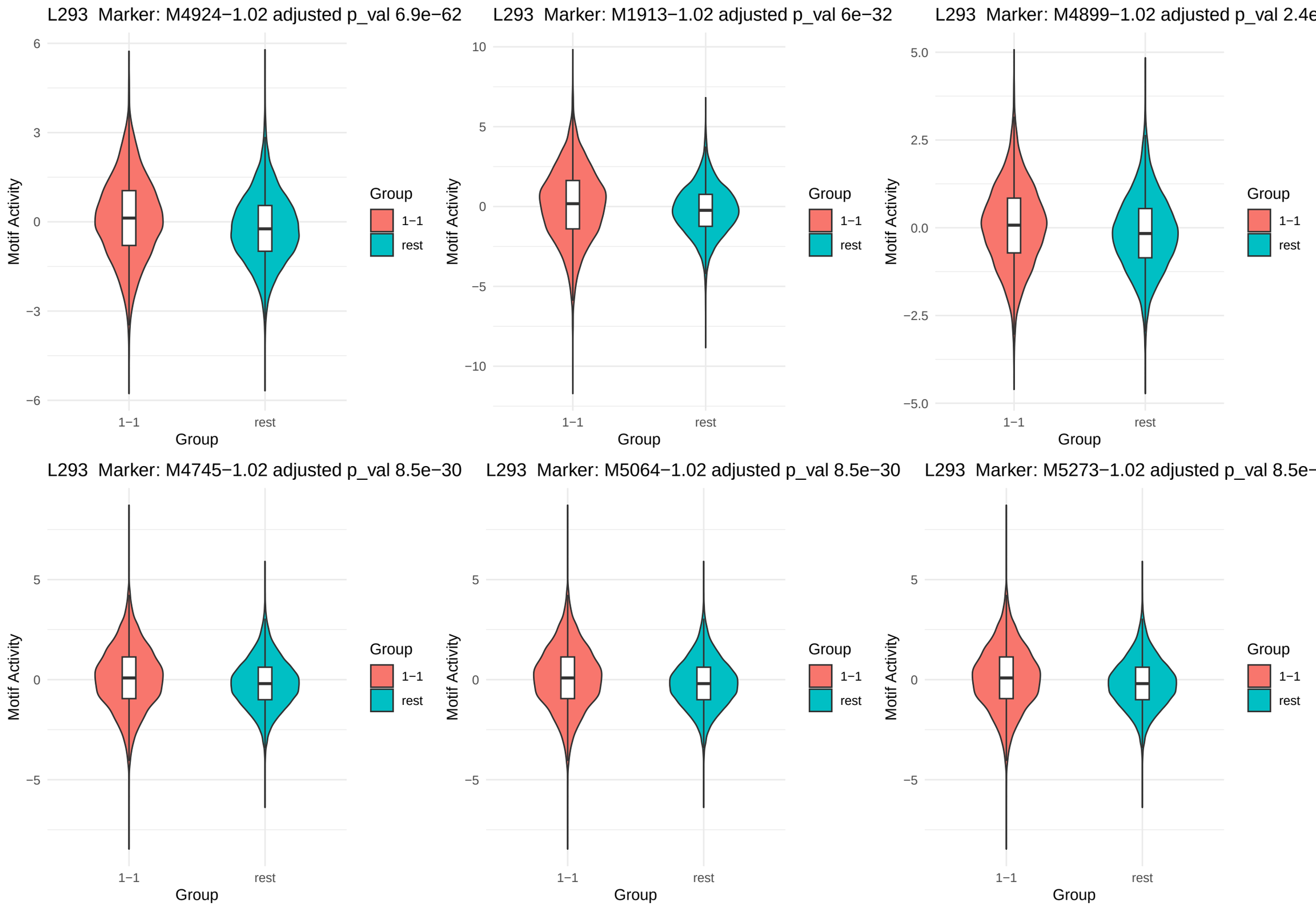

L288 Marker: M2021−1.02 adjusted p_val 2.4e−46
L288 Marker: M4938−1.02 adjusted p_val 3.2e−41
L288 Marker: M4924−1.02 adjusted p_val 1e−3
L288 Marker: M4814−1.02 adjusted p_val 9.1e−33
L288 Marker: M2039−1.02 adjusted p_val 1e−27
L288 Marker: M2013−1.02 adjusted p_val 5.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

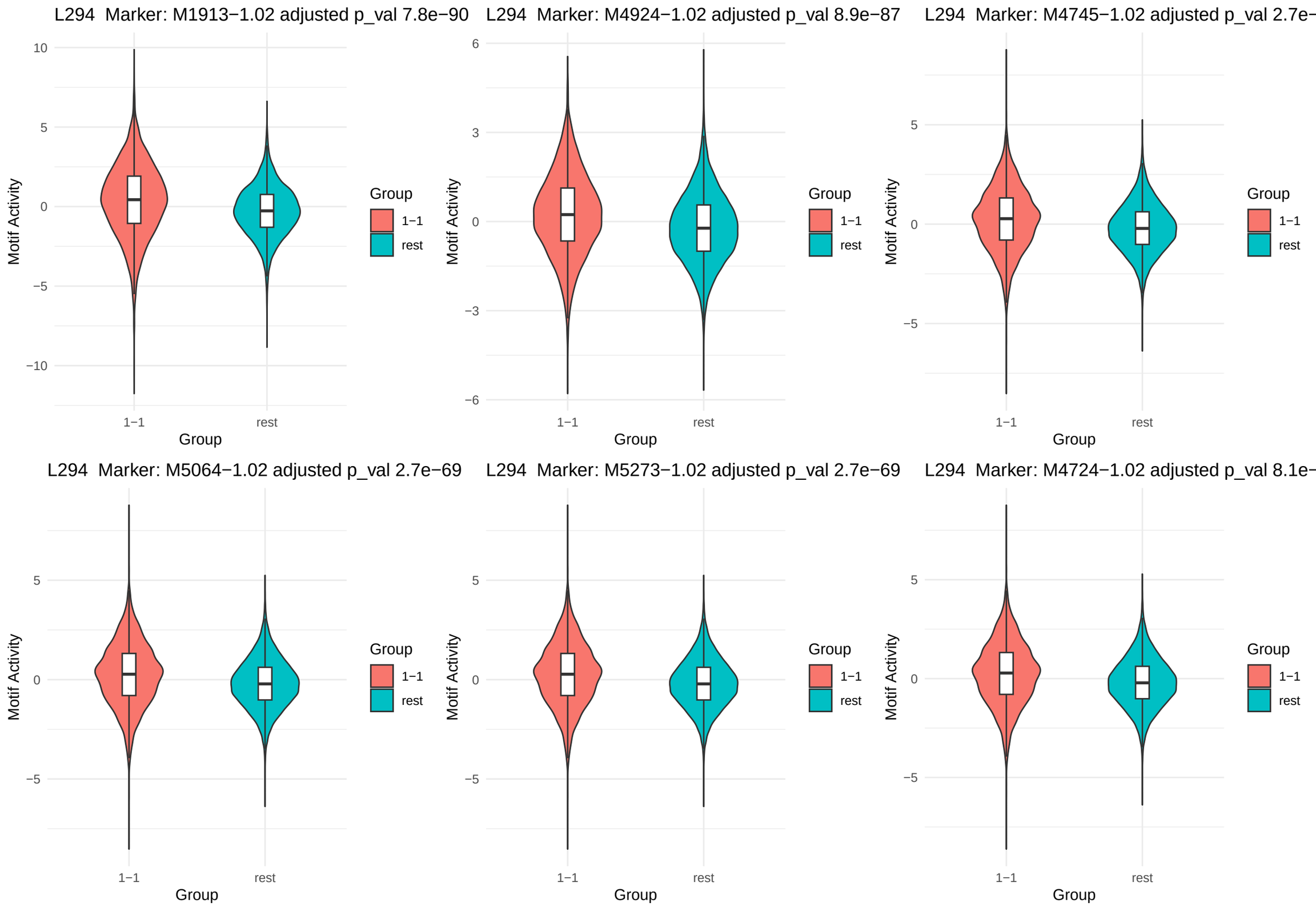

L289 Marker: M4814−1.02 adjusted p_val 1.2e−31
L289 Marker: M2026−1.02 adjusted p_val 5.6e−31
L289 Marker: M5040−1.02 adjusted p_val 1e−3
L289 Marker: M4924−1.02 adjusted p_val 1.1e−26
L289 Marker: M2039−1.02 adjusted p_val 1.1e−26
L289 Marker: M4672−1.02 adjusted p_val 6.2e
Motif Activity
Group
1−1
rest
Group
1−1
rest

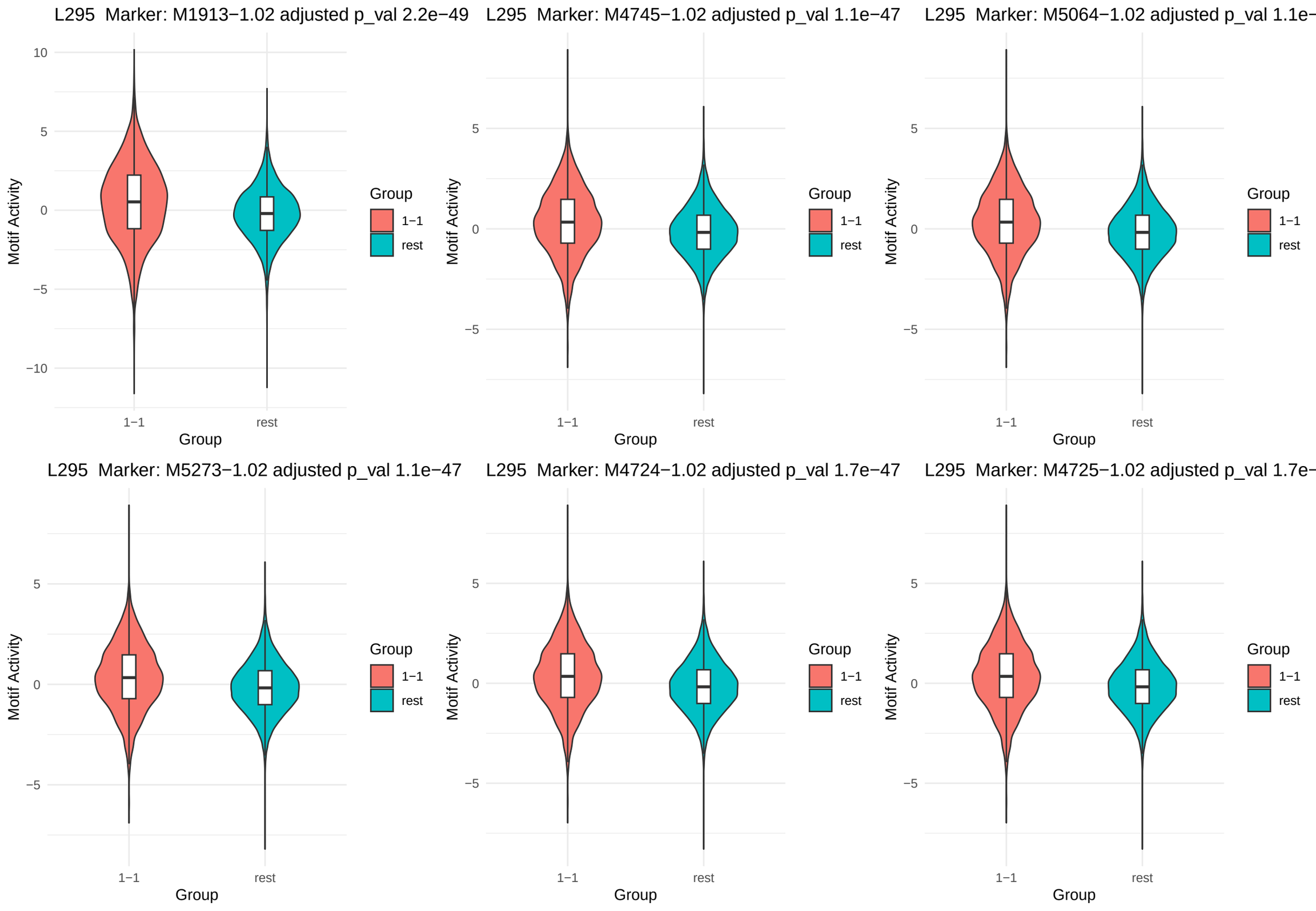

L290 Marker: M4924−1.02 adjusted p_val 2.2e−50
L290 Marker: M4899−1.02 adjusted p_val 8.5e−44
L290 Marker: M4938−1.02 adjusted p_val 4e−2
L290 Marker: M4886−1.02 adjusted p_val 1.3e−25
L290 Marker: M2039−1.02 adjusted p_val 2.1e−24
L290 Marker: M4672−1.02 adjusted p_val 9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

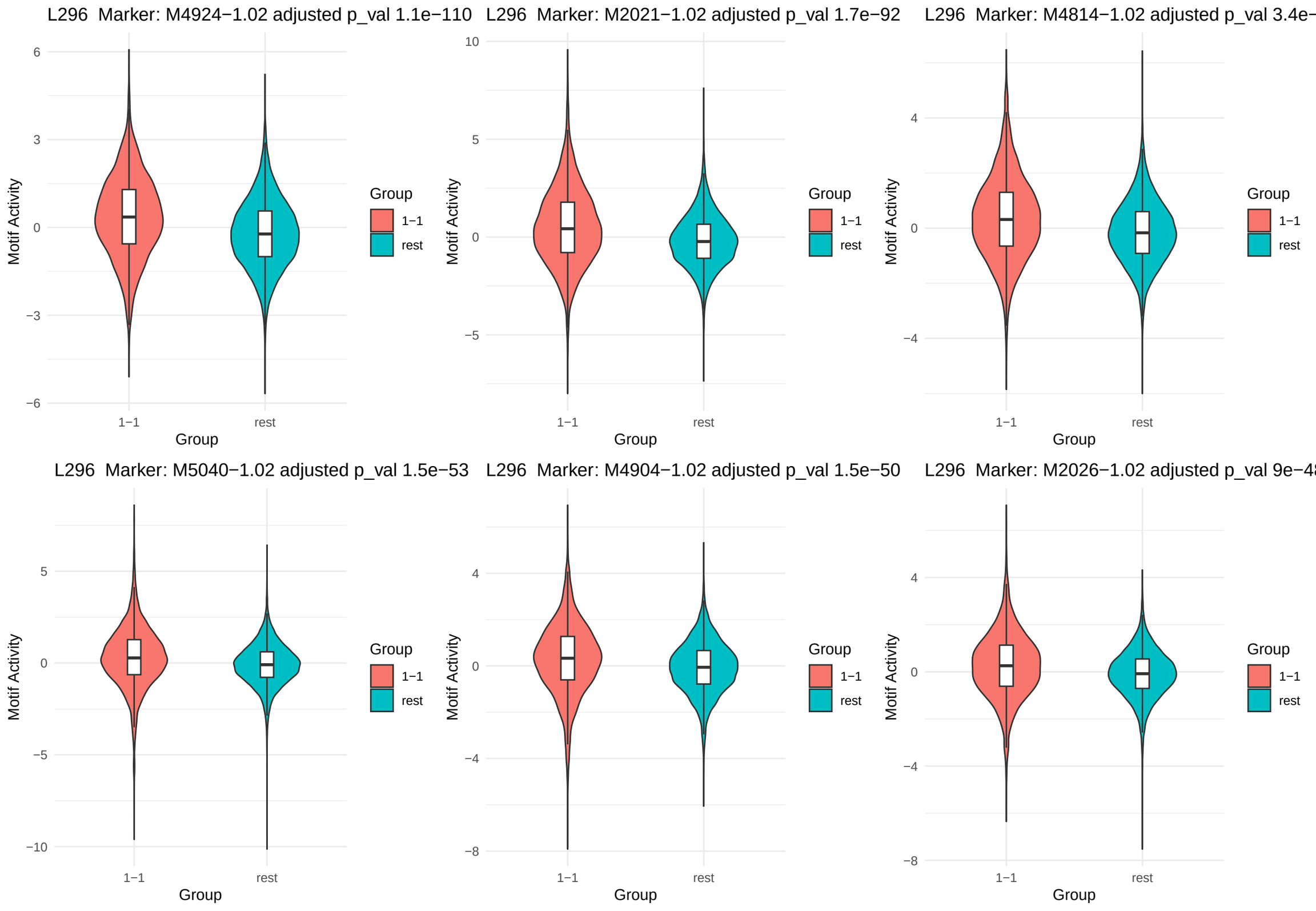

L291 Marker: M4899−1.02 adjusted p_val 1.5e−46
L291 Marker: M4886−1.02 adjusted p_val 1.2e−30
L291 Marker: M4924−1.02 adjusted p_val 4.2e−
L291 Marker: M4938−1.02 adjusted p_val 9.7e−26
L291 Marker: M2039−1.02 adjusted p_val 1.1e−23
L291 Marker: M2013−1.02 adjusted p_val 8.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

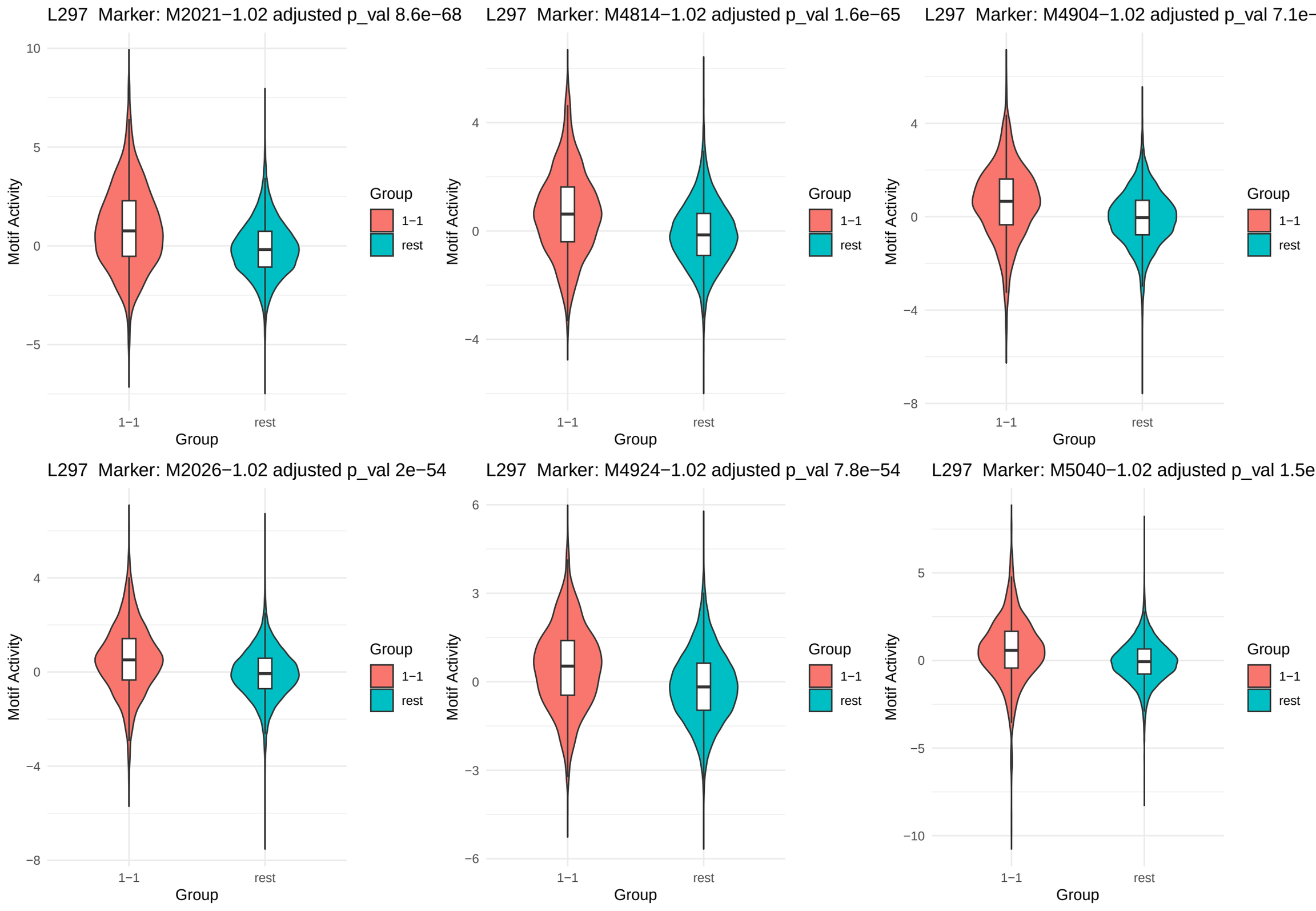

L292 Marker: M4899−1.02 adjusted p_val 5.9e−76
L292 Marker: M2013−1.02 adjusted p_val 3.1e−42
L292 Marker: M4886−1.02 adjusted p_val 1.5e−
L292 Marker: M4938−1.02 adjusted p_val 5.3e−38
L292 Marker: M0736−1.02 adjusted p_val 3.1e−36
L292 Marker: M5199−1.02 adjusted p_val 3.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

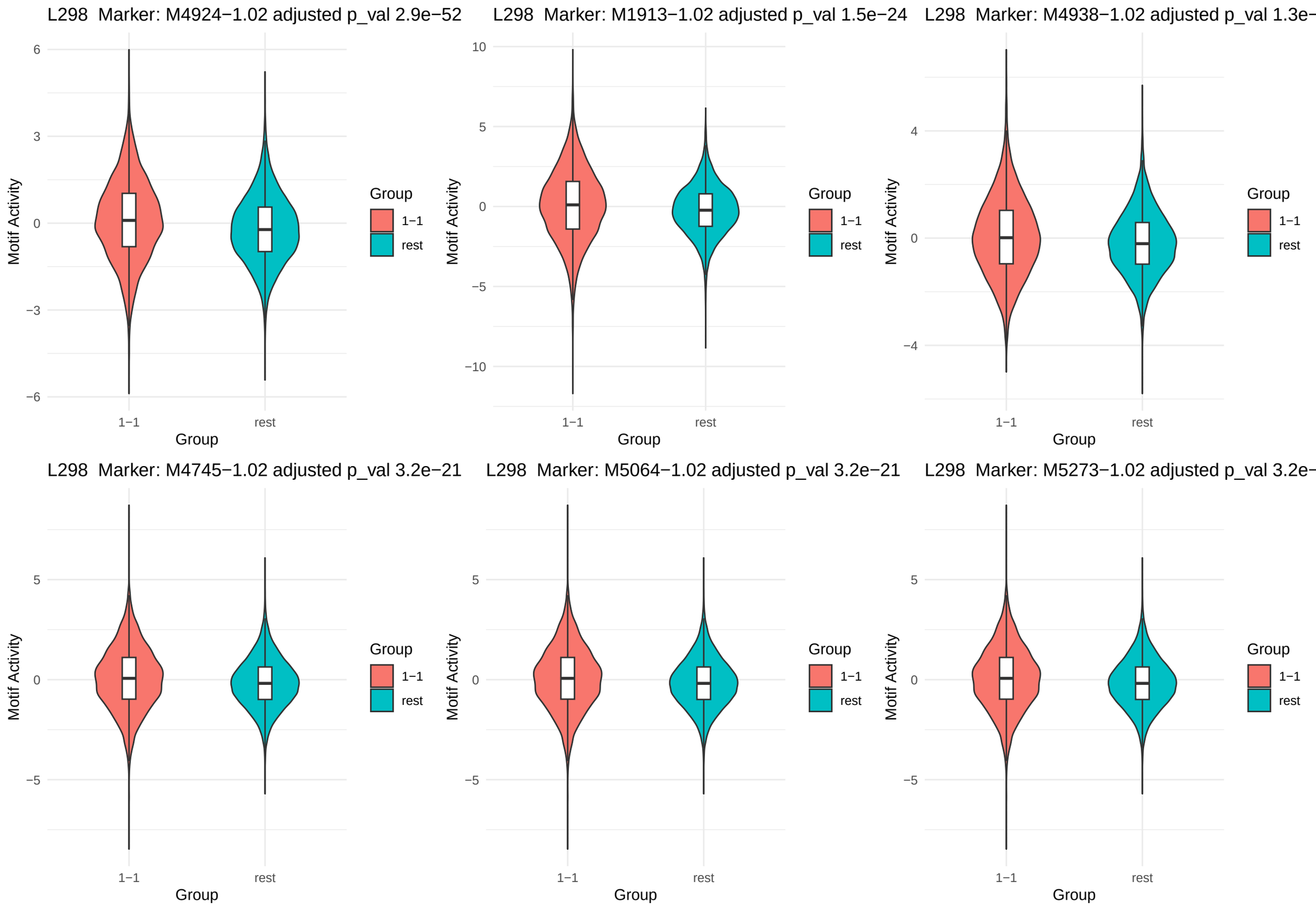

L293 Marker: M4924−1.02 adjusted p_val 6.9e−62
L293 Marker: M1913−1.02 adjusted p_val 6e−32
L293 Marker: M4899−1.02 adjusted p_val 2.4e
L293 Marker: M4745−1.02 adjusted p_val 8.5e−30
L293 Marker: M5064−1.02 adjusted p_val 8.5e−30
L293 Marker: M5273−1.02 adjusted p_val 8.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

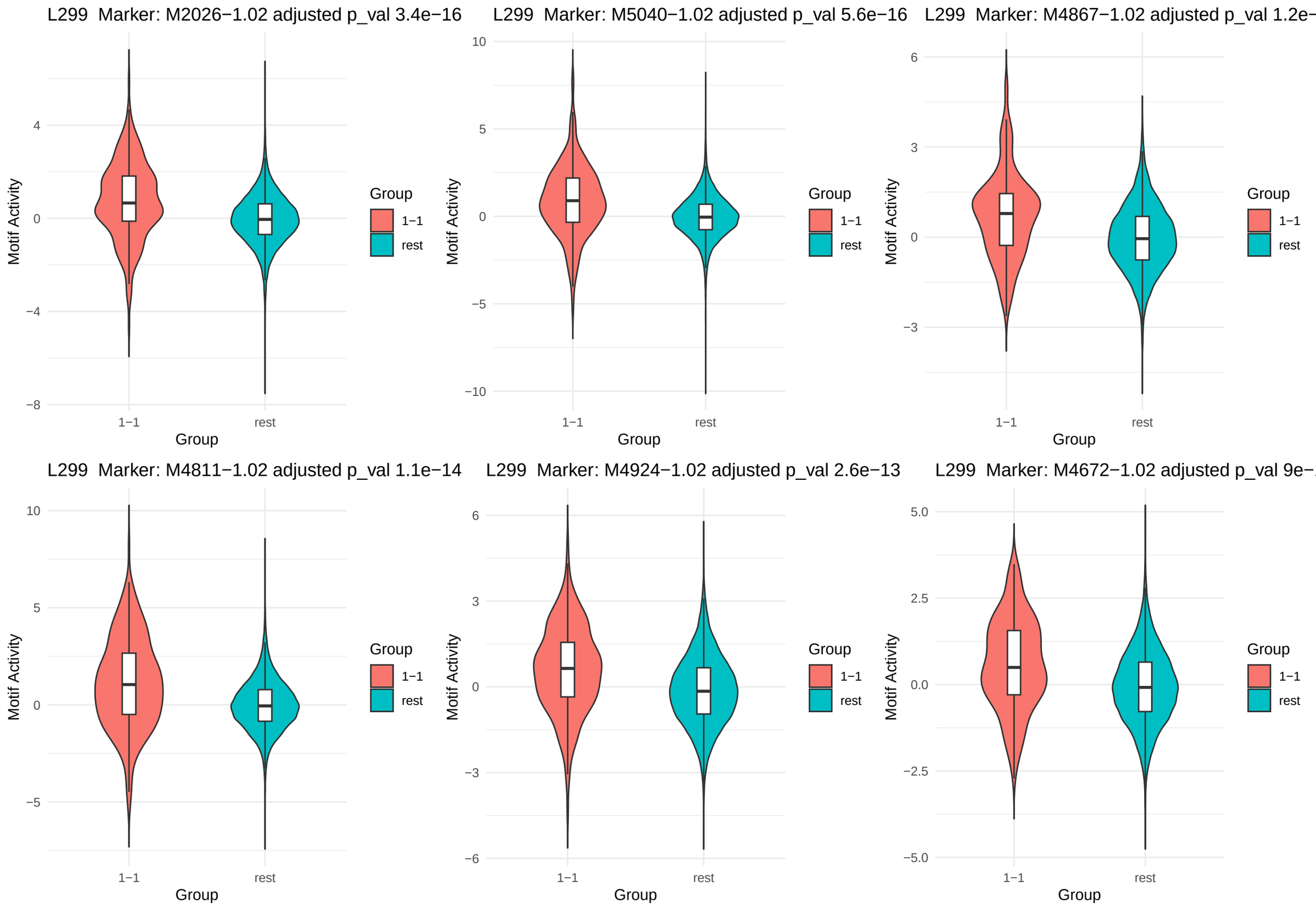

L294 Marker: M1913−1.02 adjusted p_val 7.8e−90
L294 Marker: M4924−1.02 adjusted p_val 8.9e−87
L294 Marker: M4745−1.02 adjusted p_val 2.7e−
L294 Marker: M5064−1.02 adjusted p_val 2.7e−69
L294 Marker: M5273−1.02 adjusted p_val 2.7e−69
L294 Marker: M4724−1.02 adjusted p_val 8.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

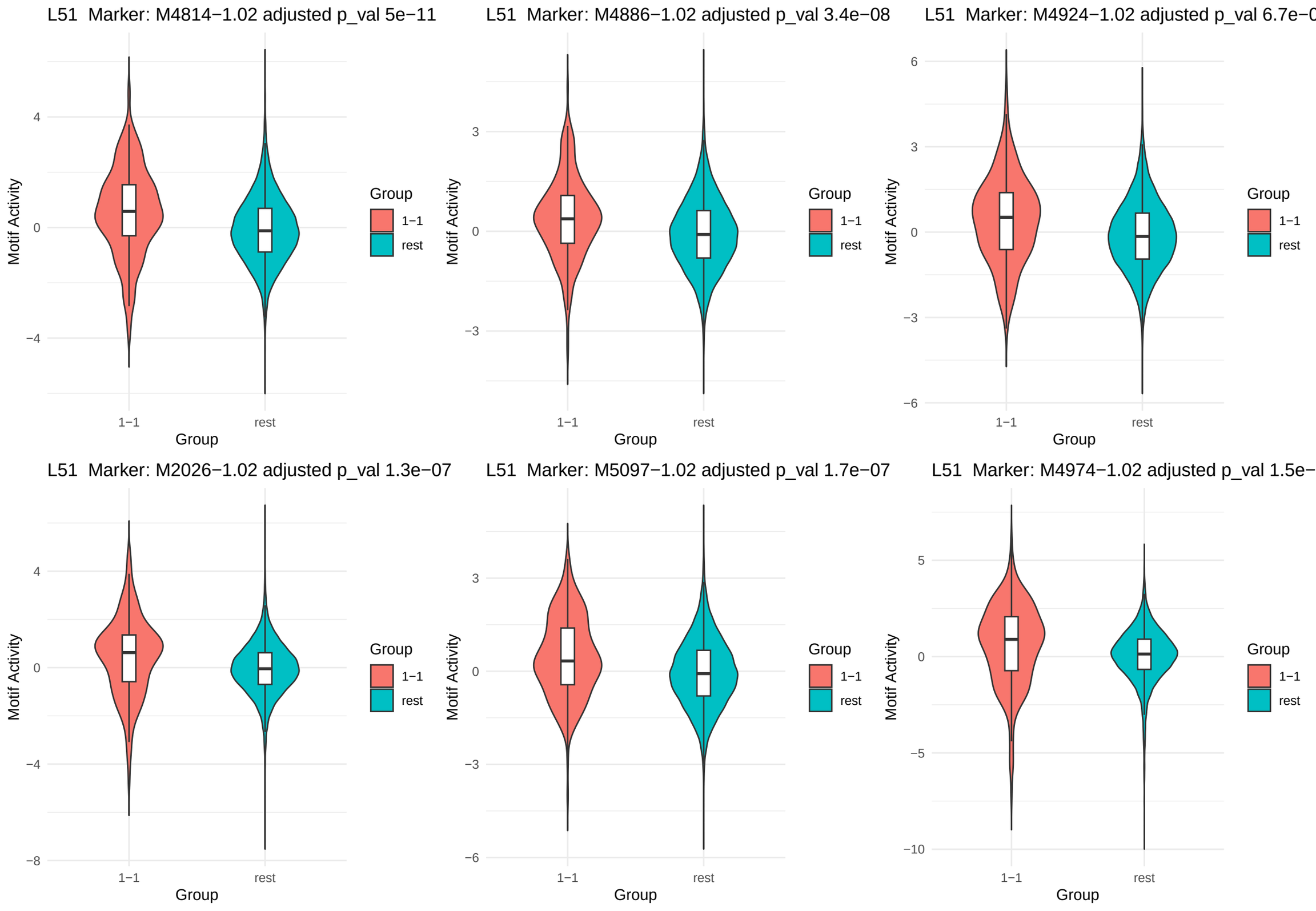

L295 Marker: M1913−1.02 adjusted p_val 2.2e−49
L295 Marker: M4745−1.02 adjusted p_val 1.1e−47
L295 Marker: M5064−1.02 adjusted p_val 1.1e−
L295 Marker: M5273−1.02 adjusted p_val 1.1e−47
L295 Marker: M4724−1.02 adjusted p_val 1.7e−47
L295 Marker: M4725−1.02 adjusted p_val 1.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

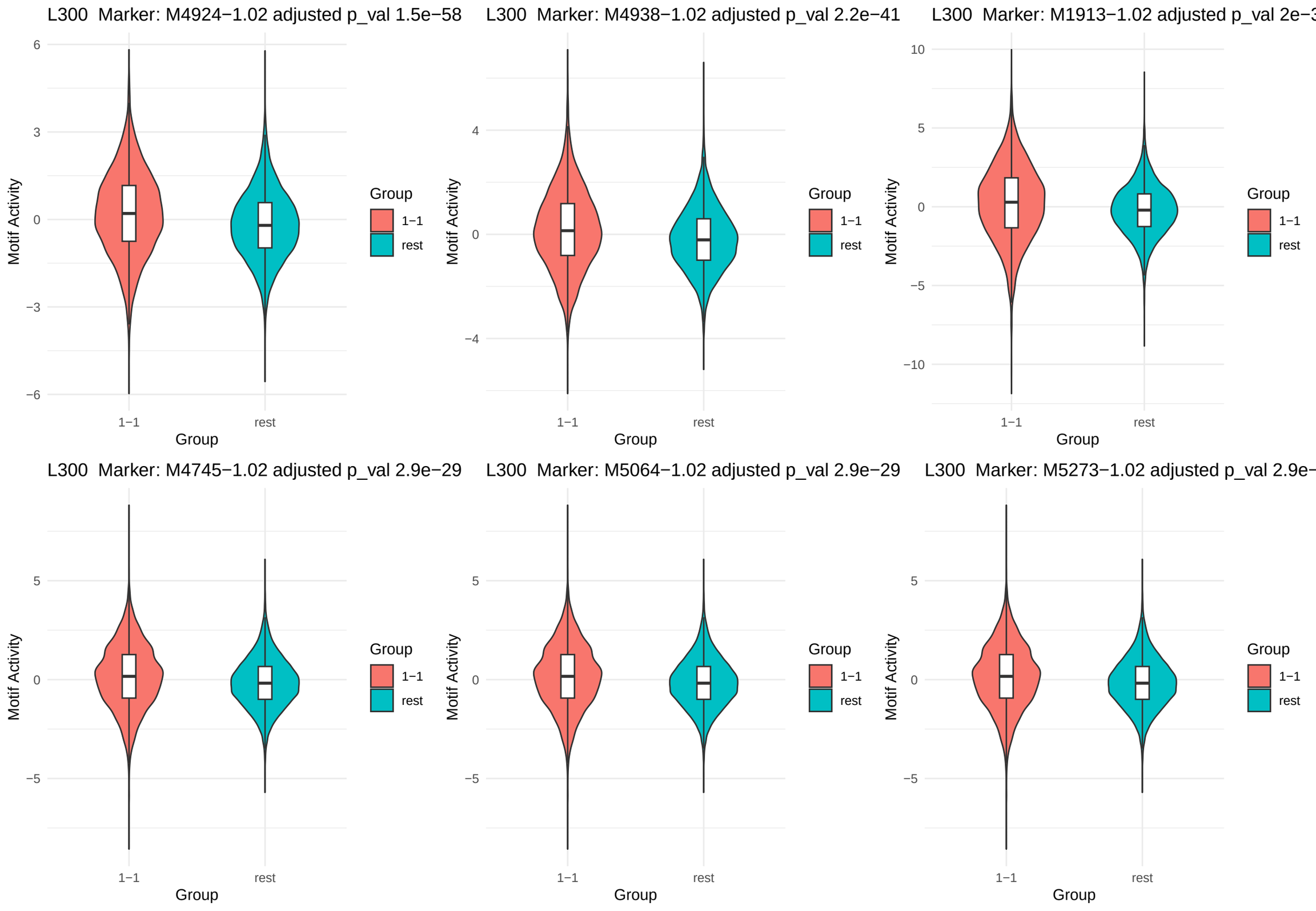

L296 Marker: M4924−1.02 adjusted p_val 1.1e−110
L296 Marker: M2021−1.02 adjusted p_val 1.7e−92
L296 Marker: M4814−1.02 adjusted p_val 3.4e−
L296 Marker: M5040−1.02 adjusted p_val 1.5e−53
L296 Marker: M4904−1.02 adjusted p_val 1.5e−50
L296 Marker: M2026−1.02 adjusted p_val 9e−4
Motif Activity
Group
1−1
rest
Group
1−1
rest

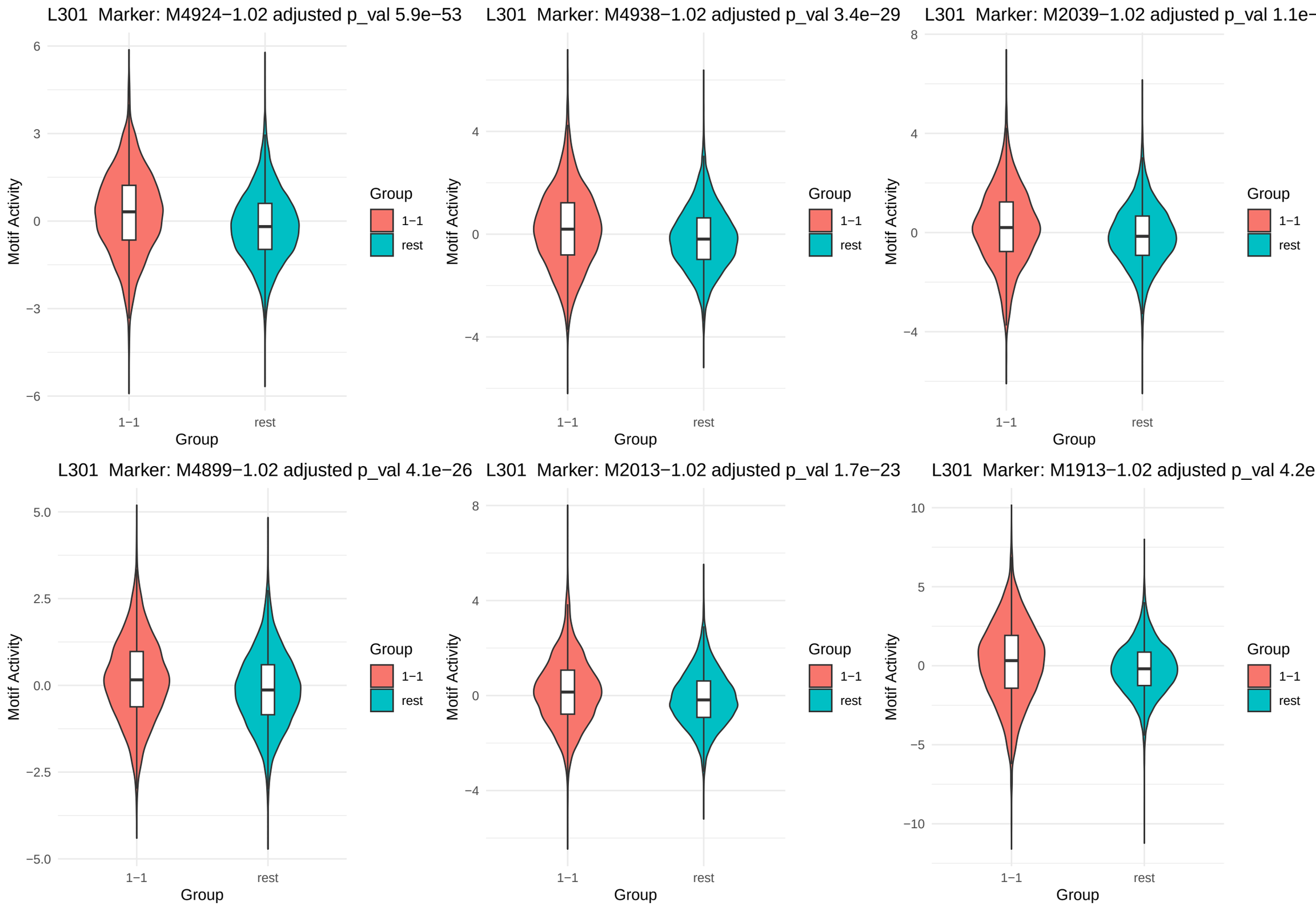

L297 Marker: M2021−1.02 adjusted p_val 8.6e−68
L297 Marker: M4814−1.02 adjusted p_val 1.6e−65
L297 Marker: M4904−1.02 adjusted p_val 7.1e−
L297 Marker: M2026−1.02 adjusted p_val 2e−54
L297 Marker: M4924−1.02 adjusted p_val 7.8e−54
L297 Marker: M5040−1.02 adjusted p_val 1.5e
Motif Activity
Group
1−1
rest
Group
1−1
rest

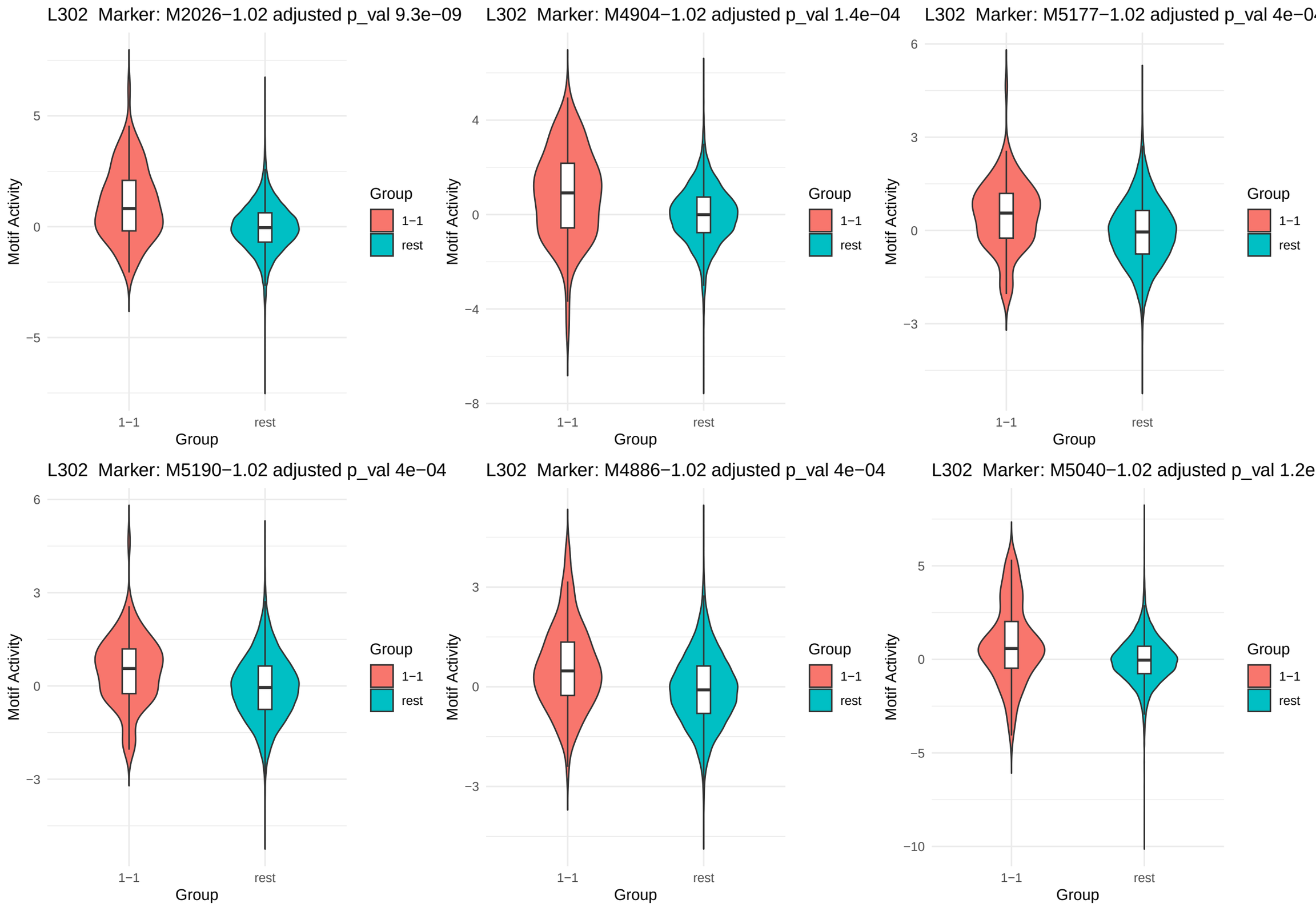

L298 Marker: M4924−1.02 adjusted p_val 2.9e−52
L298 Marker: M1913−1.02 adjusted p_val 1.5e−24
L298 Marker: M4938−1.02 adjusted p_val 1.3e−
L298 Marker: M4745−1.02 adjusted p_val 3.2e−21
L298 Marker: M5064−1.02 adjusted p_val 3.2e−21
L298 Marker: M5273−1.02 adjusted p_val 3.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

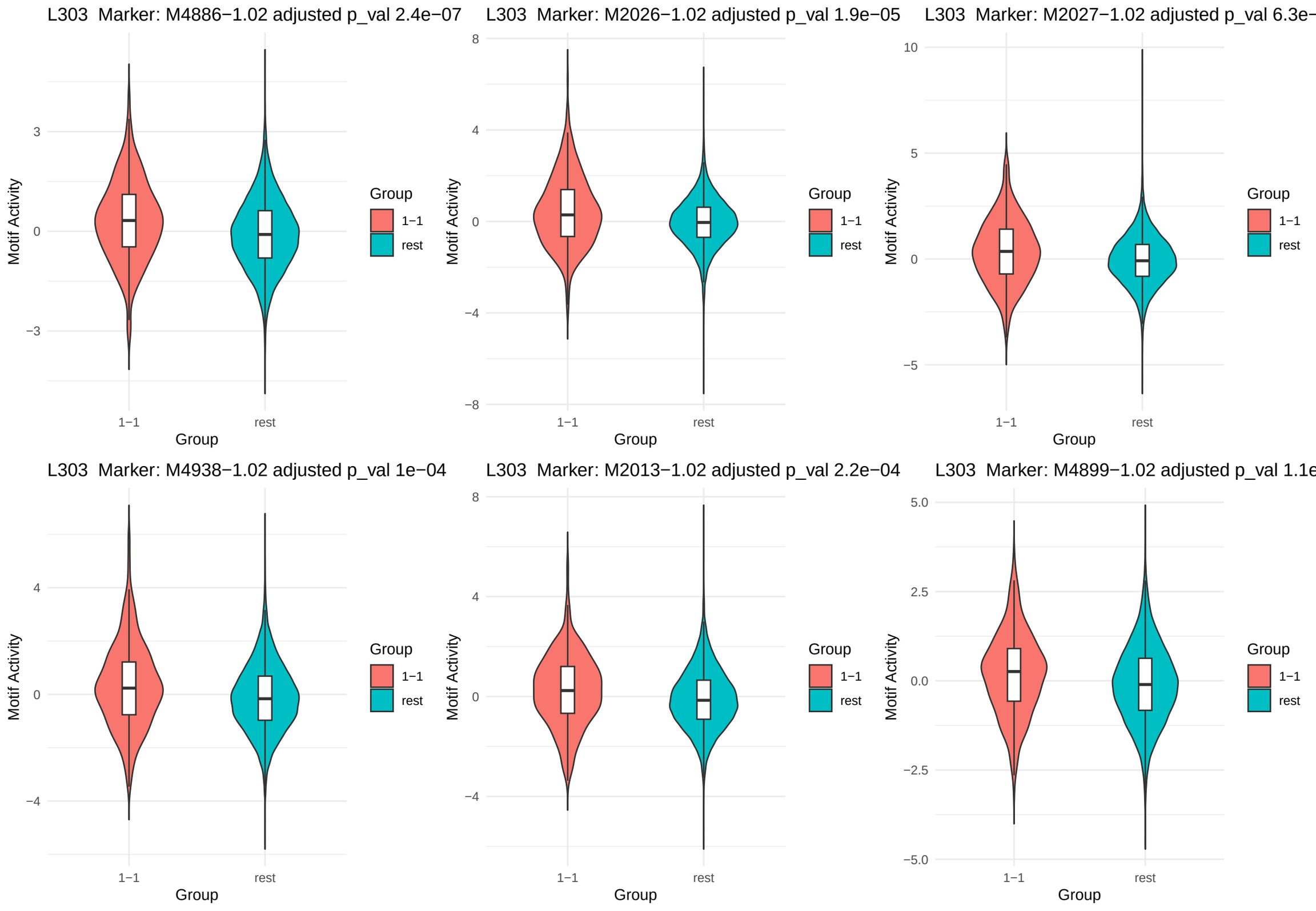

L299 Marker: M2026−1.02 adjusted p_val 3.4e−16
L299 Marker: M5040−1.02 adjusted p_val 5.6e−16
L299 Marker: M4867−1.02 adjusted p_val 1.2e−
L299 Marker: M4811−1.02 adjusted p_val 1.1e−14
L299 Marker: M4924−1.02 adjusted p_val 2.6e−13
L299 Marker: M4672−1.02 adjusted p_val 9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

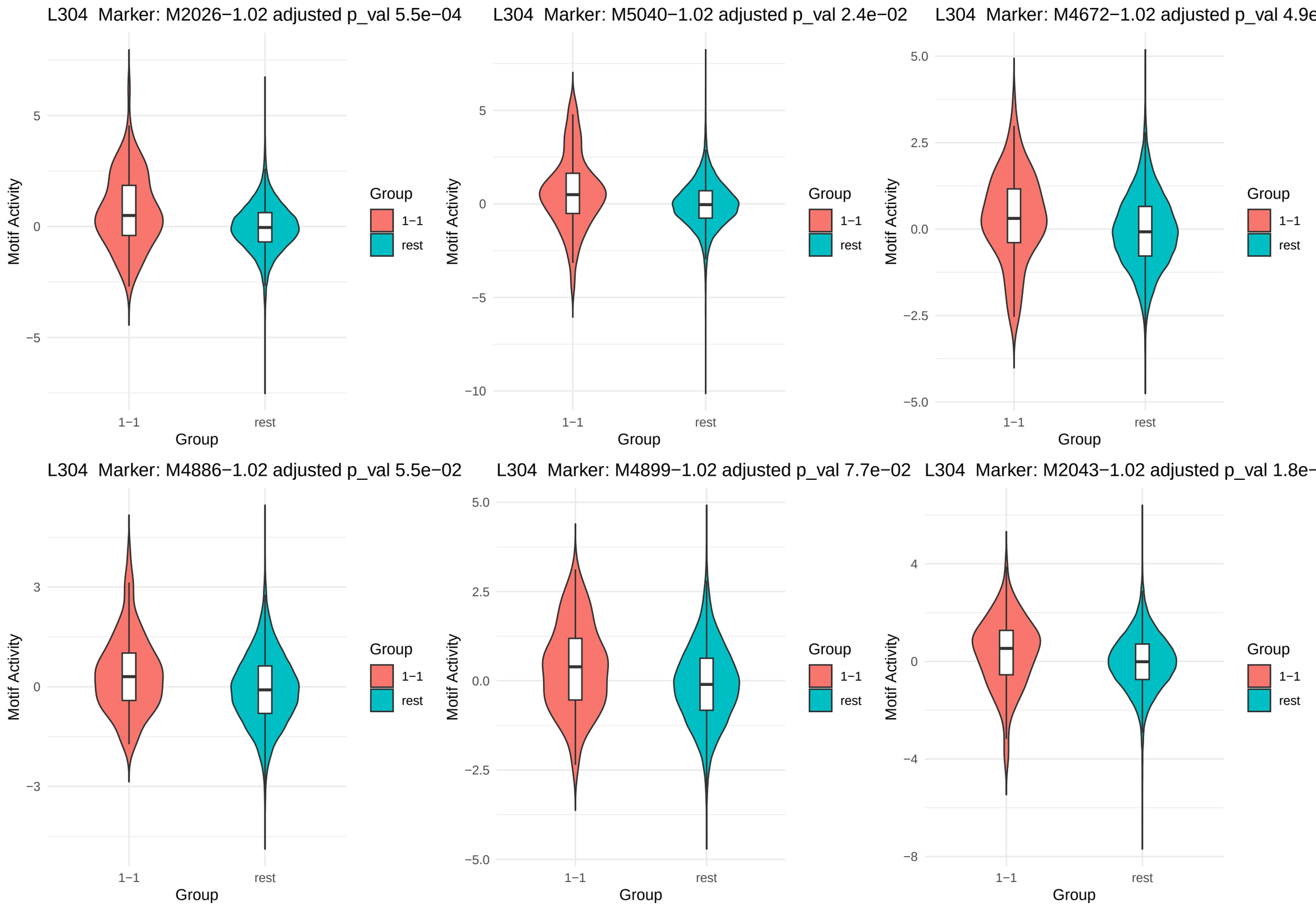

L51 Marker: M4814−1.02 adjusted p_val 5e−11
L51 Marker: M4886−1.02 adjusted p_val 3.4e−08
L51 Marker: M4924−1.02 adjusted p_val 6.7e−0
L51 Marker: M2026−1.02 adjusted p_val 1.3e−07
L51 Marker: M5097−1.02 adjusted p_val 1.7e−07
L51 Marker: M4974−1.02 adjusted p_val 1.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

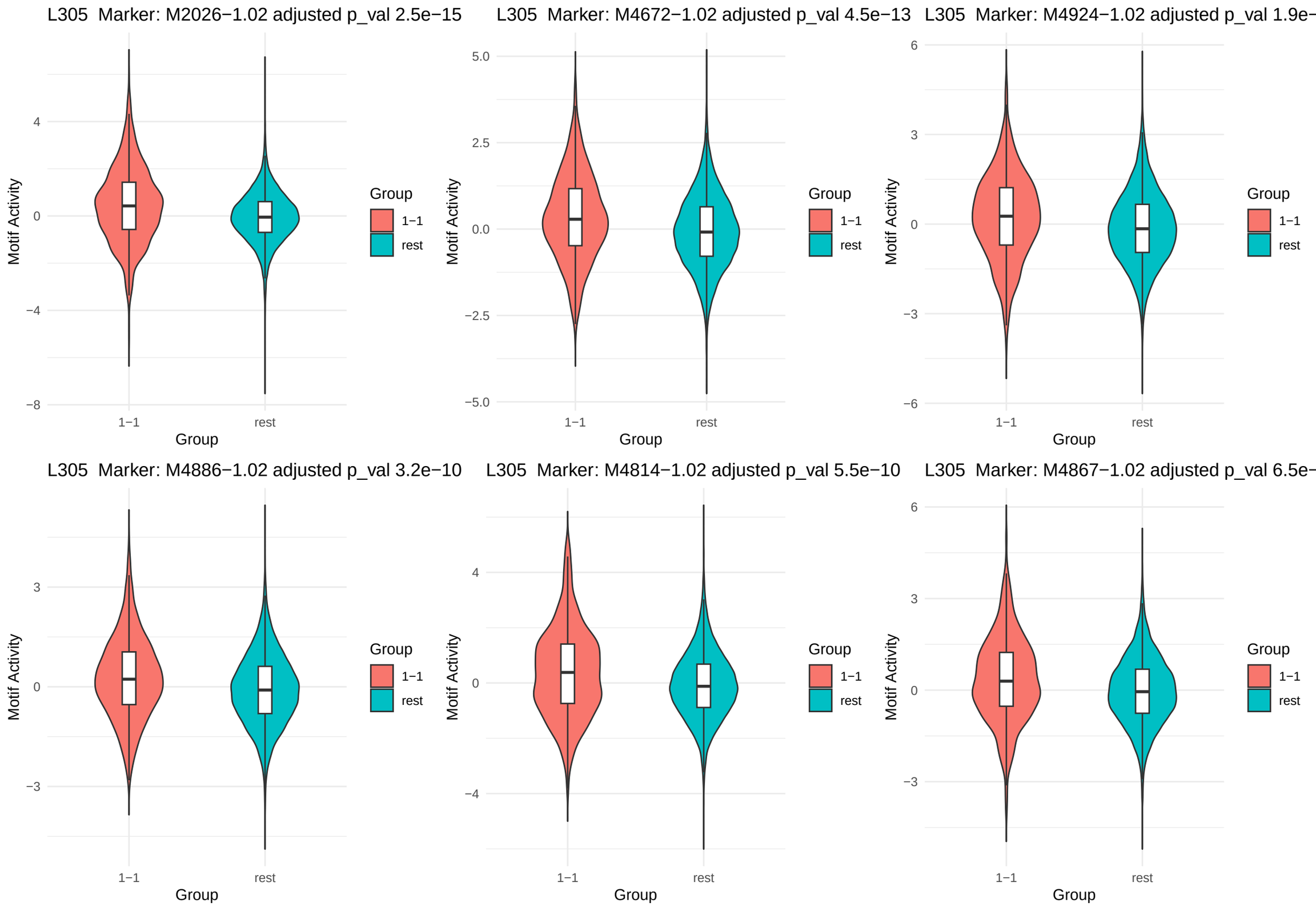

L300 Marker: M4924−1.02 adjusted p_val 1.5e−58
L300 Marker: M4938−1.02 adjusted p_val 2.2e−41
L300 Marker: M1913−1.02 adjusted p_val 2e−3
L300 Marker: M4745−1.02 adjusted p_val 2.9e−29
L300 Marker: M5064−1.02 adjusted p_val 2.9e−29
L300 Marker: M5273−1.02 adjusted p_val 2.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

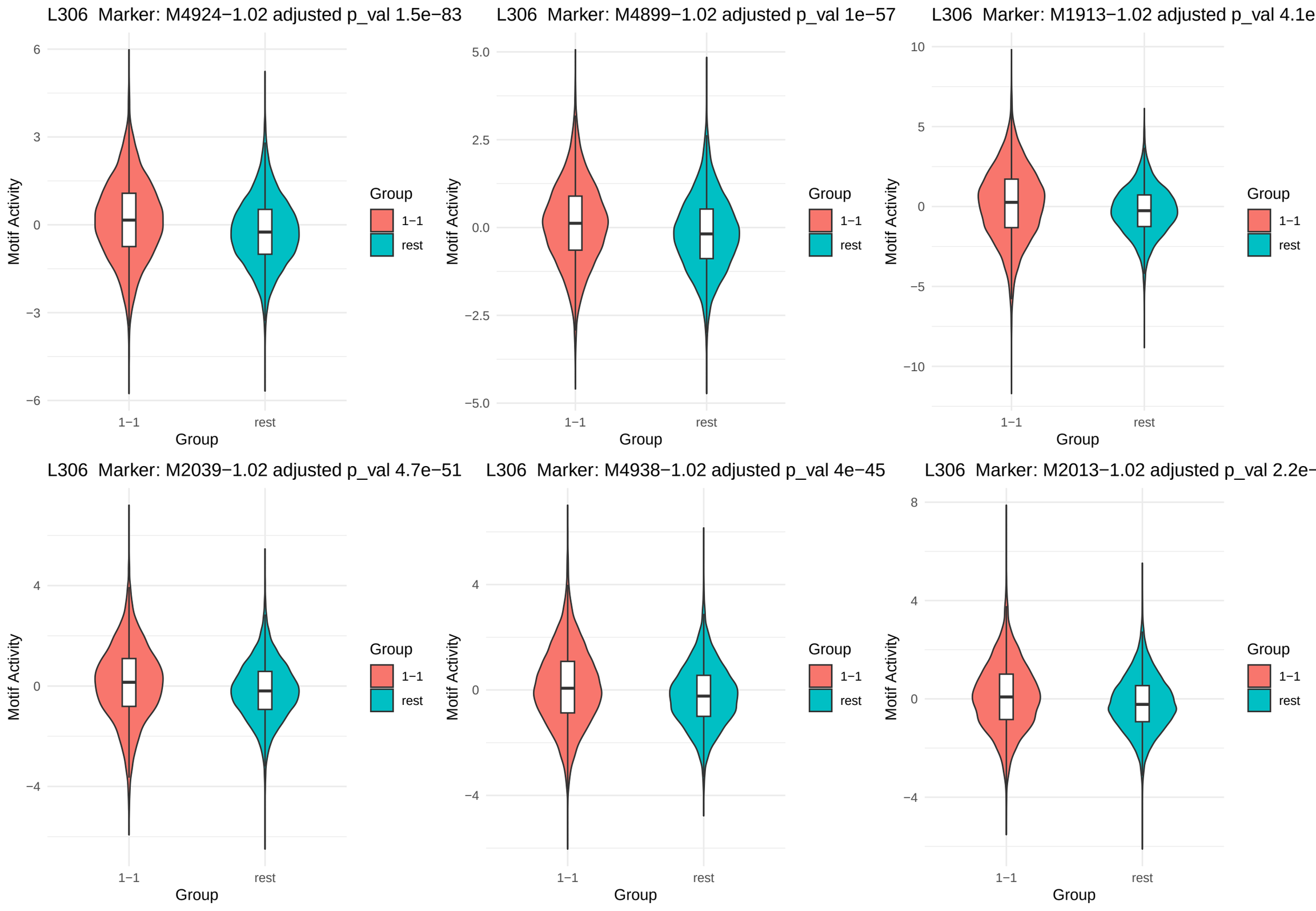

L301 Marker: M4924−1.02 adjusted p_val 5.9e−53
L301 Marker: M4938−1.02 adjusted p_val 3.4e−29
L301 Marker: M2039−1.02 adjusted p_val 1.1e−
L301 Marker: M4899−1.02 adjusted p_val 4.1e−26
L301 Marker: M2013−1.02 adjusted p_val 1.7e−23
L301 Marker: M1913−1.02 adjusted p_val 4.2e
Motif Activity
Group
1−1
rest
Group
1−1
rest

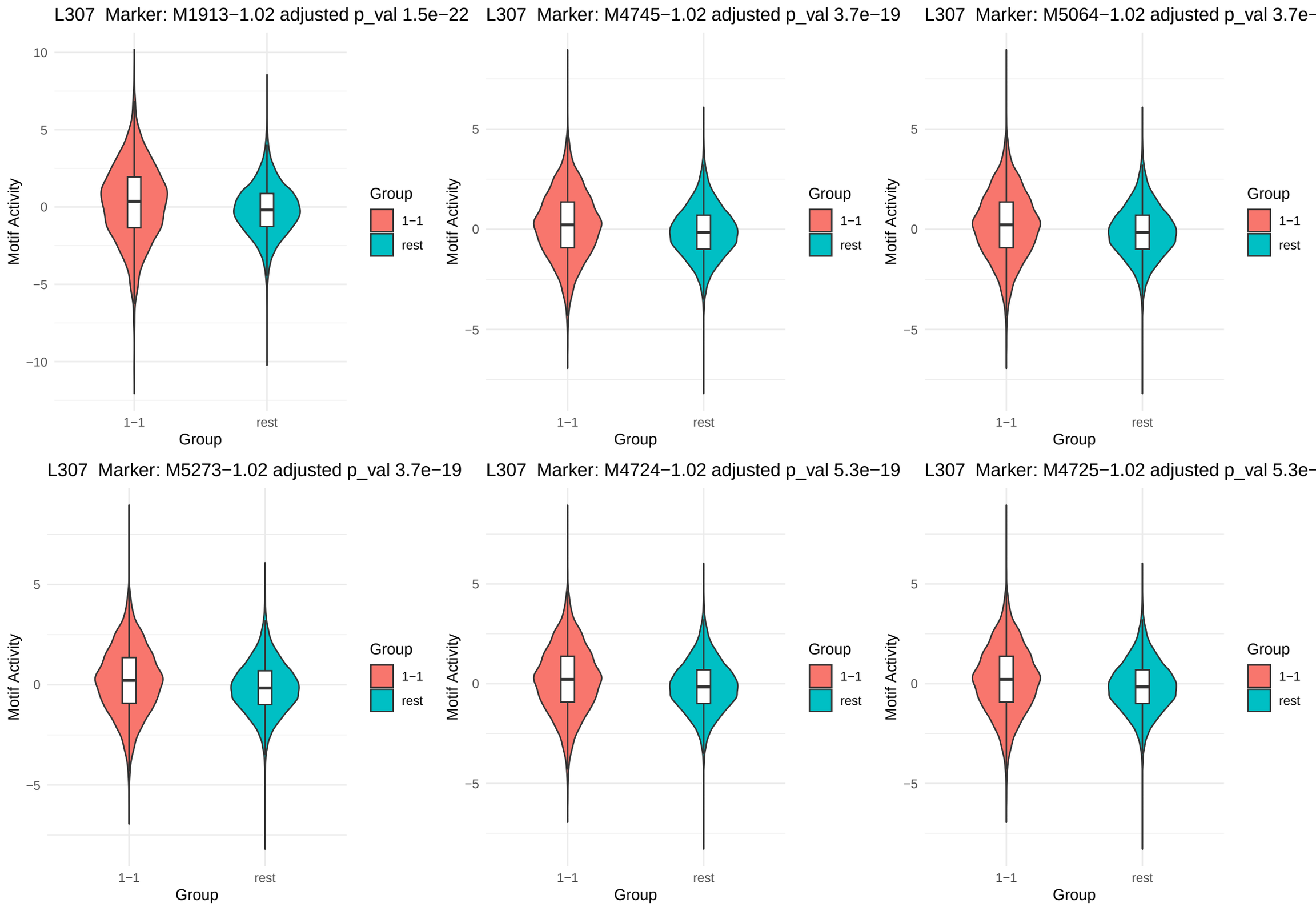

L302 Marker: M2026−1.02 adjusted p_val 9.3e−09
L302 Marker: M4904−1.02 adjusted p_val 1.4e−04
L302 Marker: M5177−1.02 adjusted p_val 4e−04
L302 Marker: M5190−1.02 adjusted p_val 4e−04
L302 Marker: M4886−1.02 adjusted p_val 4e−04
L302 Marker: M5040−1.02 adjusted p_val 1.2e
Motif Activity
Group
1−1
rest
Group
1−1
rest

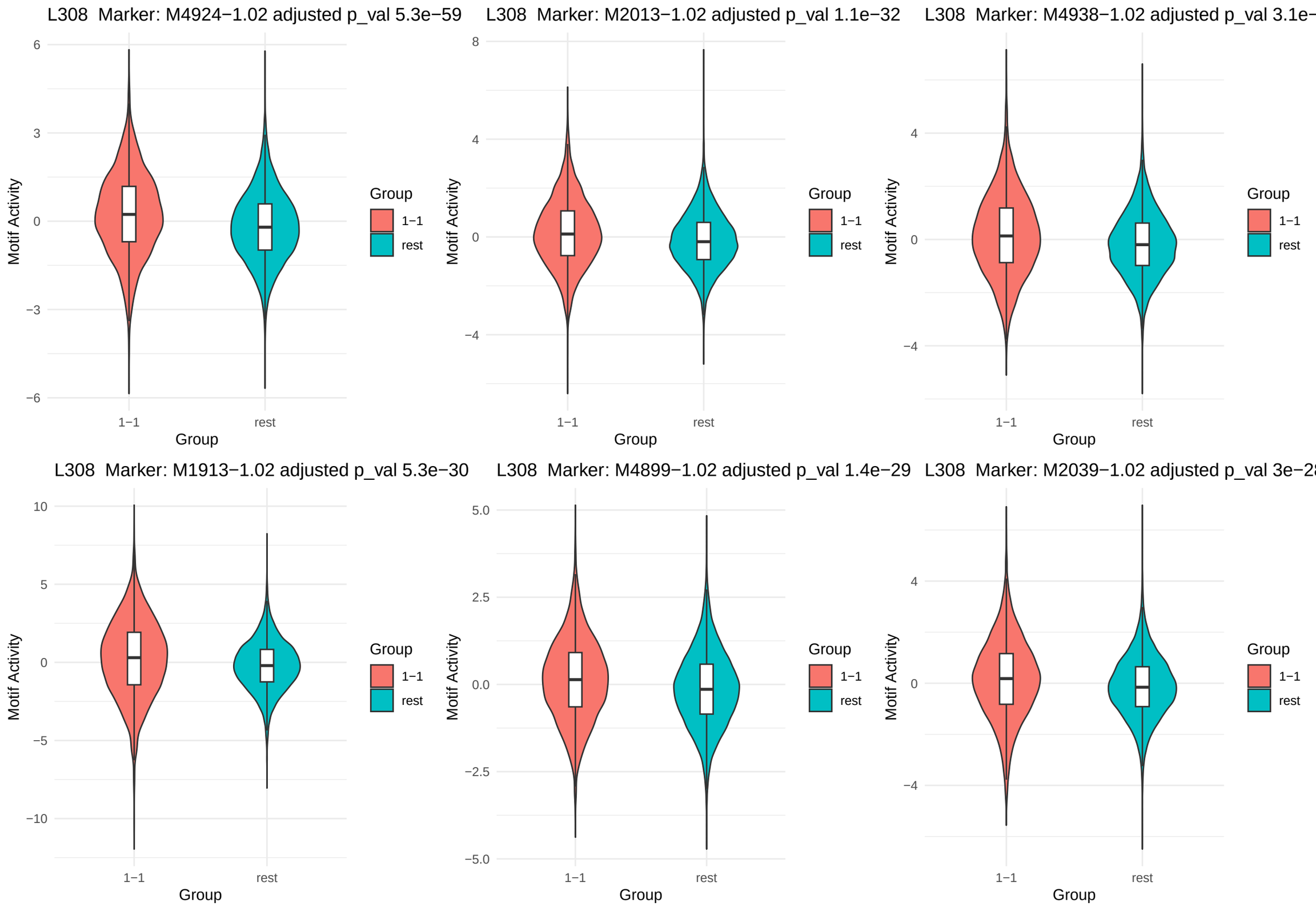

L303 Marker: M4886−1.02 adjusted p_val 2.4e−07
L303 Marker: M2026−1.02 adjusted p_val 1.9e−05
L303 Marker: M2027−1.02 adjusted p_val 6.3e−
L303 Marker: M4938−1.02 adjusted p_val 1e−04
L303 Marker: M2013−1.02 adjusted p_val 2.2e−04
L303 Marker: M4899−1.02 adjusted p_val 1.1e
Motif Activity
Group
1−1
rest
Group
1−1
rest

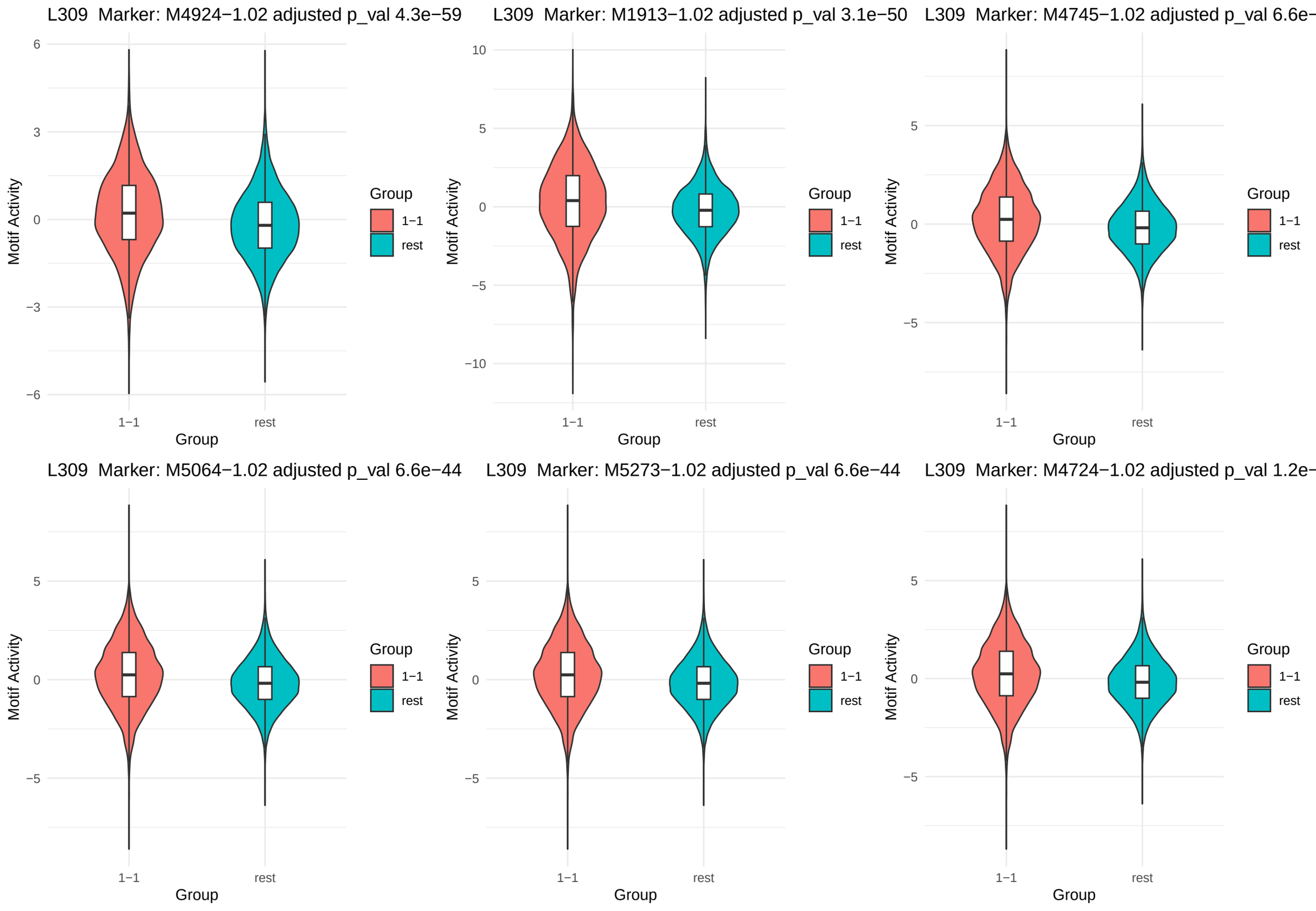

L304 Marker: M2026−1.02 adjusted p_val 5.5e−04
L304 Marker: M5040−1.02 adjusted p_val 2.4e−02
L304 Marker: M4672−1.02 adjusted p_val 4.9e
L304 Marker: M4886−1.02 adjusted p_val 5.5e−02
L304 Marker: M4899−1.02 adjusted p_val 7.7e−02
L304 Marker: M2043−1.02 adjusted p_val 1.8e−
Motif Activity
Group
1−1
rest

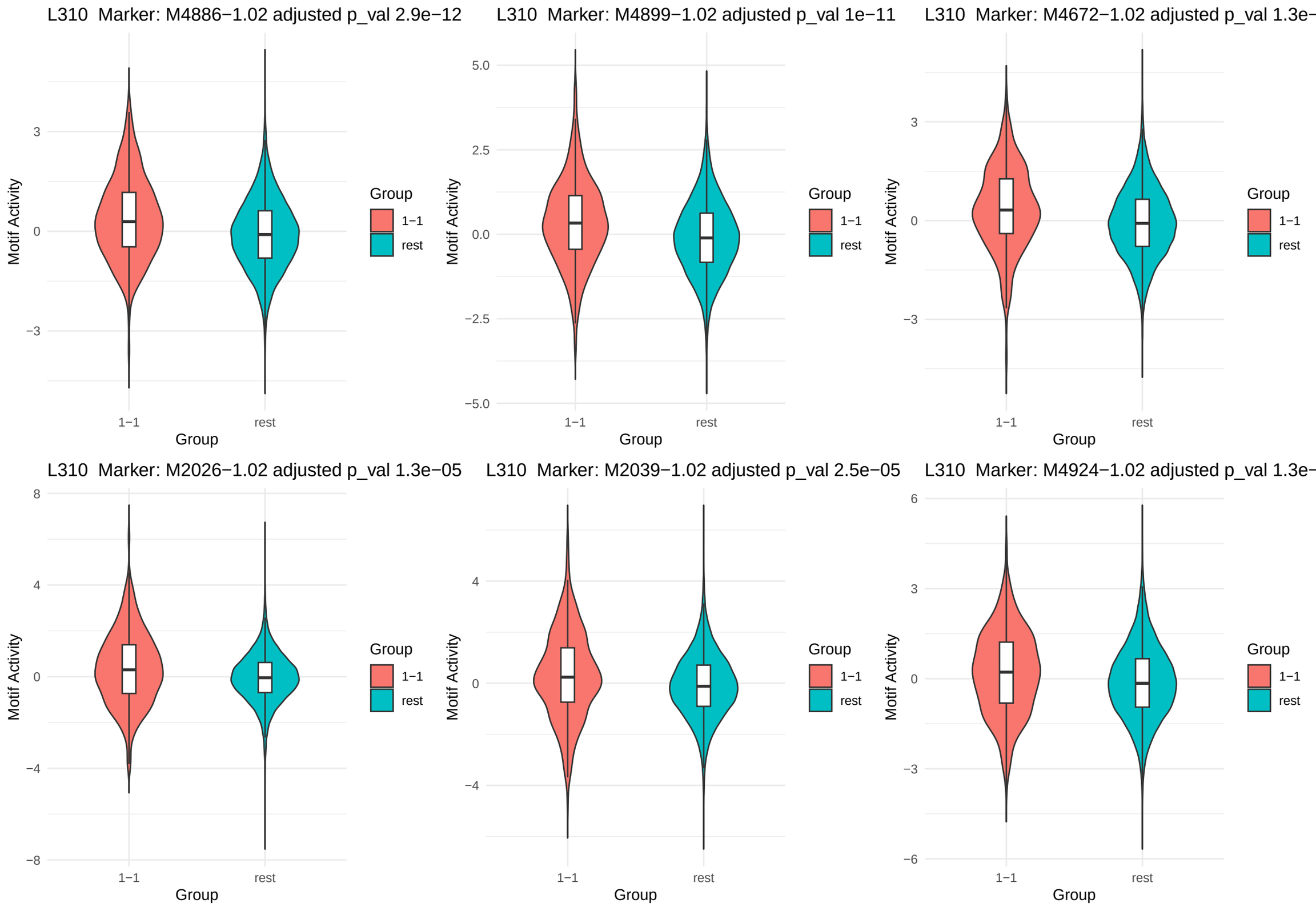

L305 Marker: M2026−1.02 adjusted p_val 2.5e−15
L305 Marker: M4672−1.02 adjusted p_val 4.5e−13
L305 Marker: M4924−1.02 adjusted p_val 1.9e−
L305 Marker: M4886−1.02 adjusted p_val 3.2e−10
L305 Marker: M4814−1.02 adjusted p_val 5.5e−10
L305 Marker: M4867−1.02 adjusted p_val 6.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

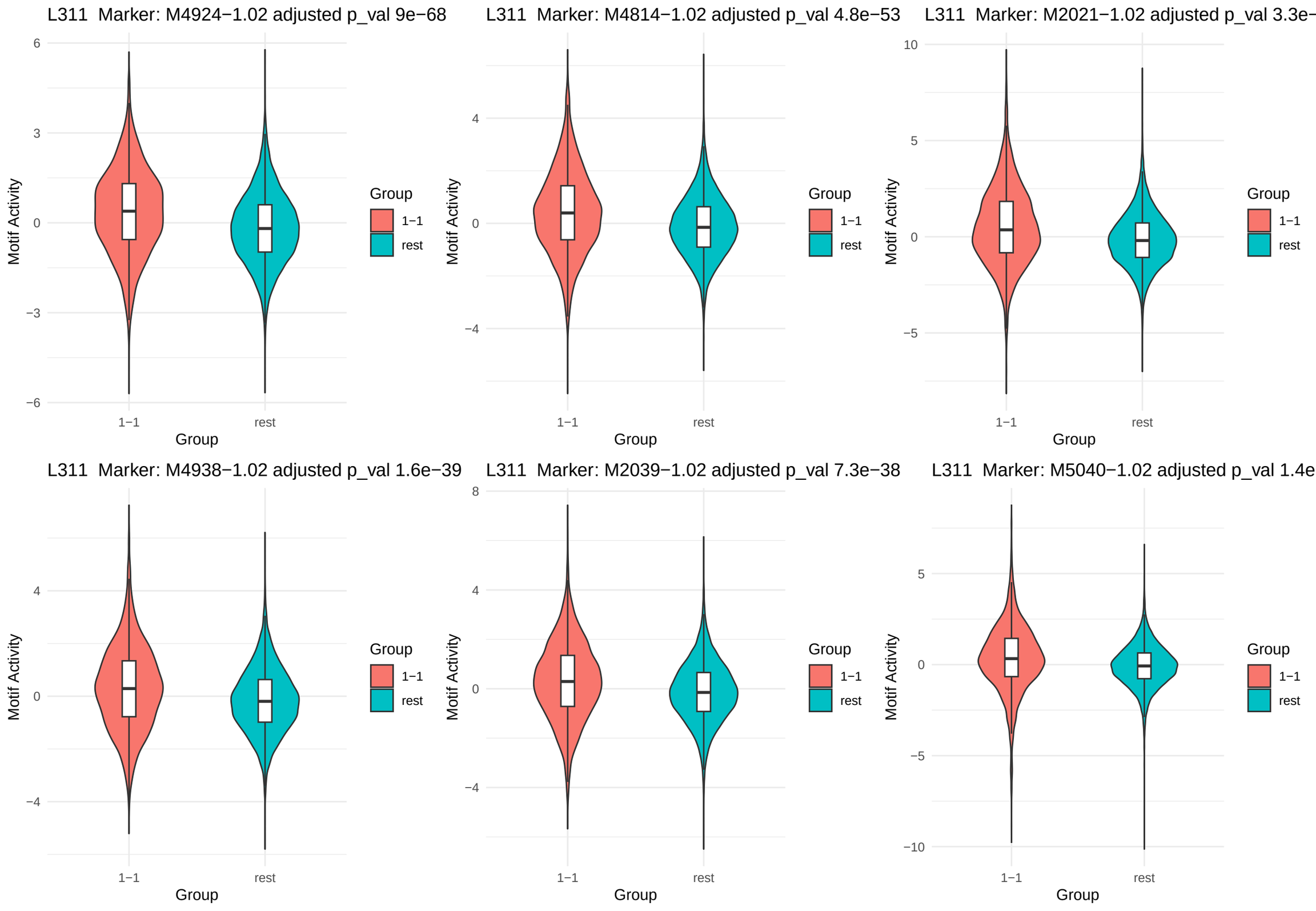

L306 Marker: M4924−1.02 adjusted p_val 1.5e−83
L306 Marker: M4899−1.02 adjusted p_val 1e−57
L306 Marker: M1913−1.02 adjusted p_val 4.1e
L306 Marker: M2039−1.02 adjusted p_val 4.7e−51
L306 Marker: M4938−1.02 adjusted p_val 4e−45
L306 Marker: M2013−1.02 adjusted p_val 2.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

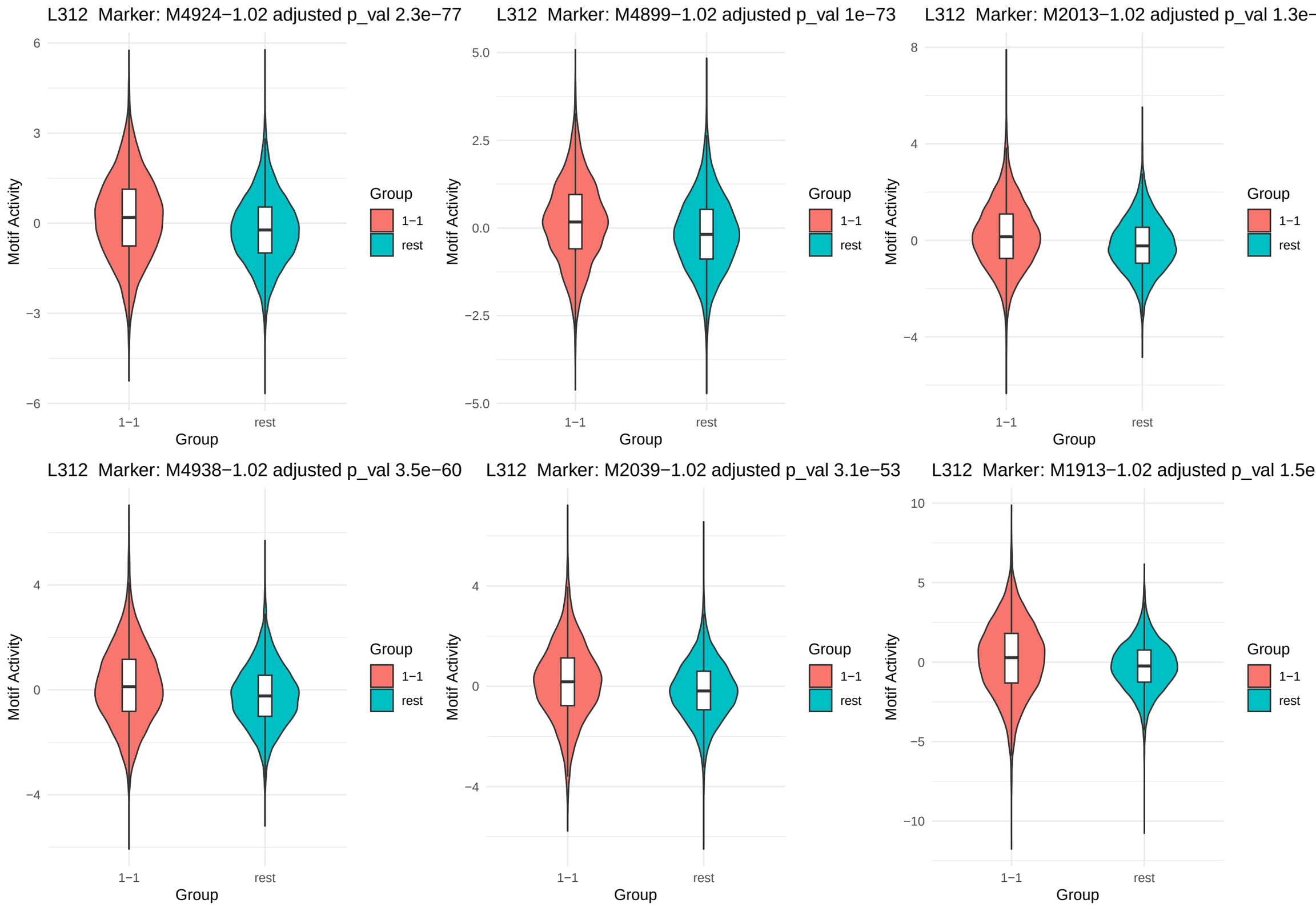

L307 Marker: M1913−1.02 adjusted p_val 1.5e−22
L307 Marker: M4745−1.02 adjusted p_val 3.7e−19
L307 Marker: M5064−1.02 adjusted p_val 3.7e−
L307 Marker: M5273−1.02 adjusted p_val 3.7e−19
L307 Marker: M4724−1.02 adjusted p_val 5.3e−19
L307 Marker: M4725−1.02 adjusted p_val 5.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

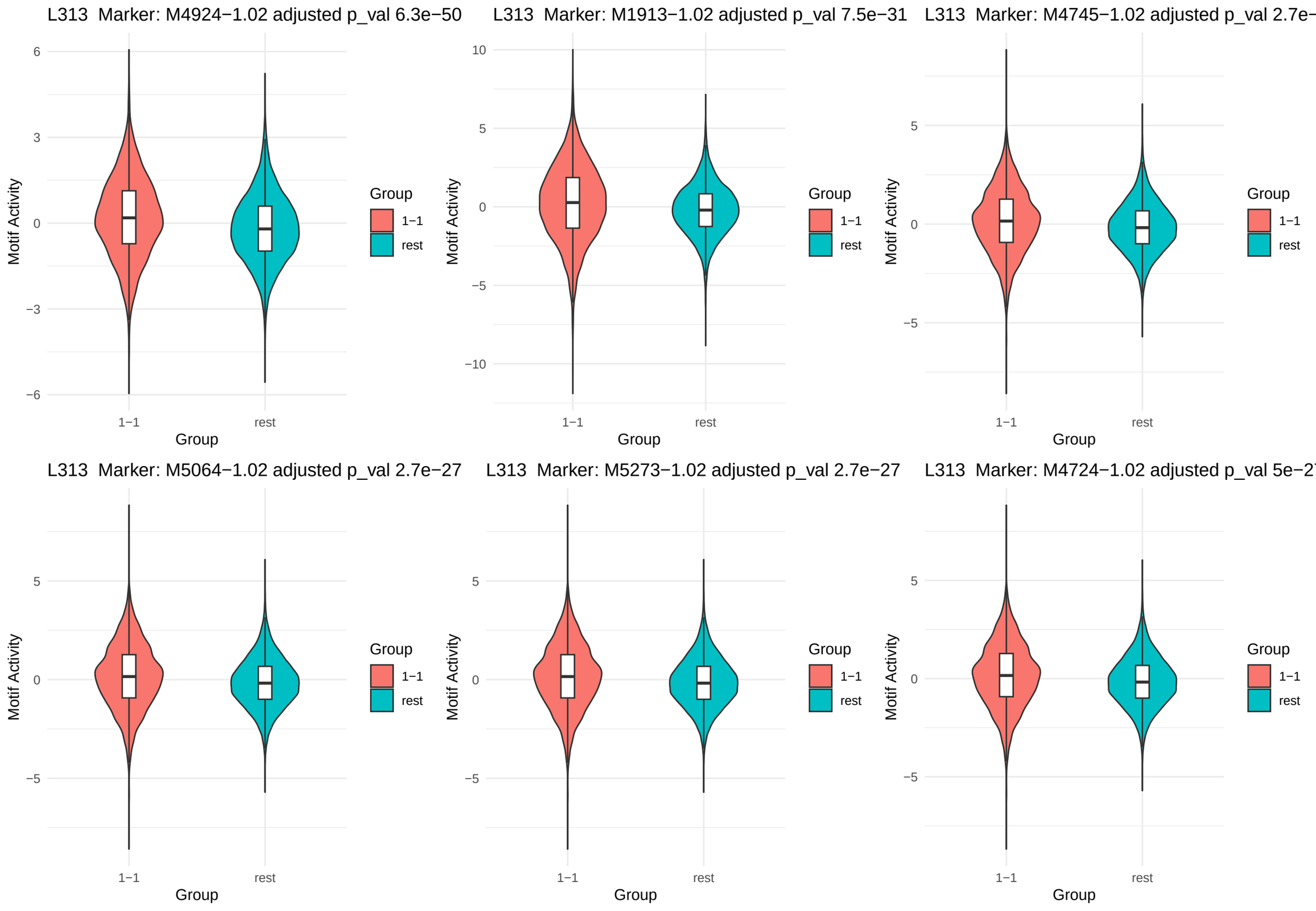

L308 Marker: M4924−1.02 adjusted p_val 5.3e−59
L308 Marker: M2013−1.02 adjusted p_val 1.1e−32
L308 Marker: M4938−1.02 adjusted p_val 3.1e−
L308 Marker: M1913−1.02 adjusted p_val 5.3e−30
L308 Marker: M4899−1.02 adjusted p_val 1.4e−29
L308 Marker: M2039−1.02 adjusted p_val 3e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

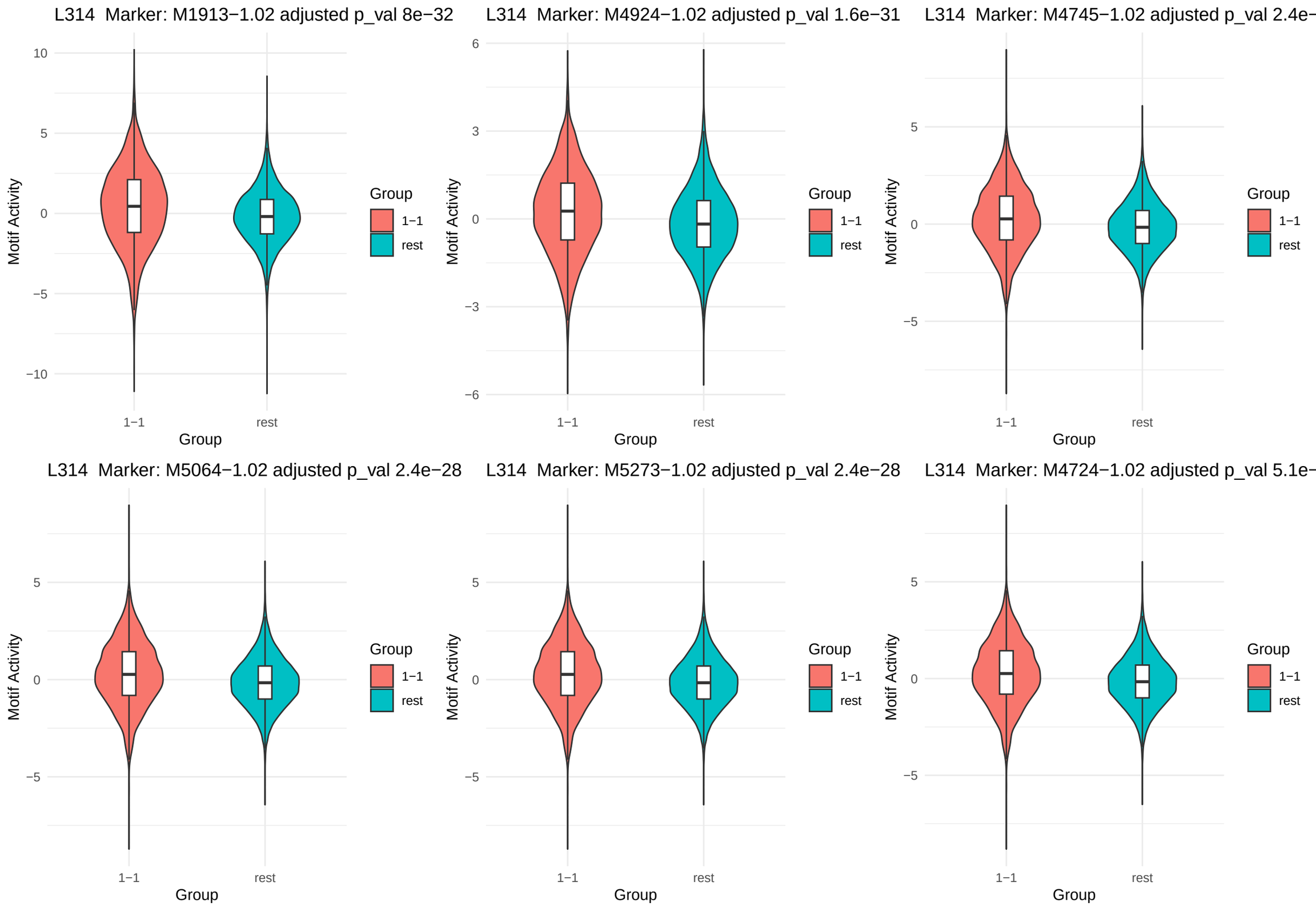

L309 Marker: M4924−1.02 adjusted p_val 4.3e−59
L309 Marker: M1913−1.02 adjusted p_val 3.1e−50
L309 Marker: M4745−1.02 adjusted p_val 6.6e−
L309 Marker: M5064−1.02 adjusted p_val 6.6e−44
L309 Marker: M5273−1.02 adjusted p_val 6.6e−44
L309 Marker: M4724−1.02 adjusted p_val 1.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

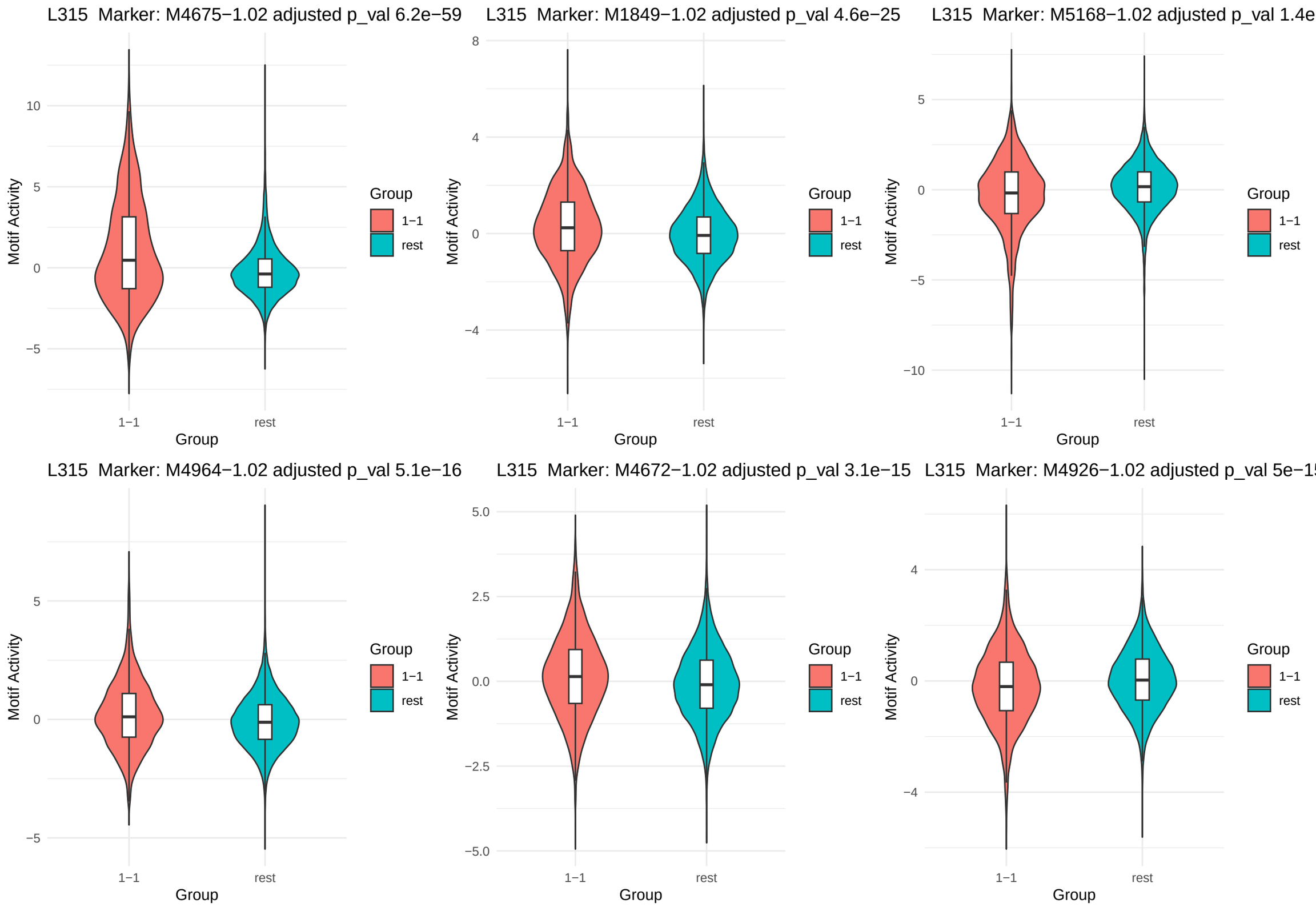

L310 Marker: M4886−1.02 adjusted p_val 2.9e−12
L310 Marker: M4899−1.02 adjusted p_val 1e−11
L310 Marker: M4672−1.02 adjusted p_val 1.3e−
L310 Marker: M2026−1.02 adjusted p_val 1.3e−05
L310 Marker: M2039−1.02 adjusted p_val 2.5e−05
L310 Marker: M4924−1.02 adjusted p_val 1.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

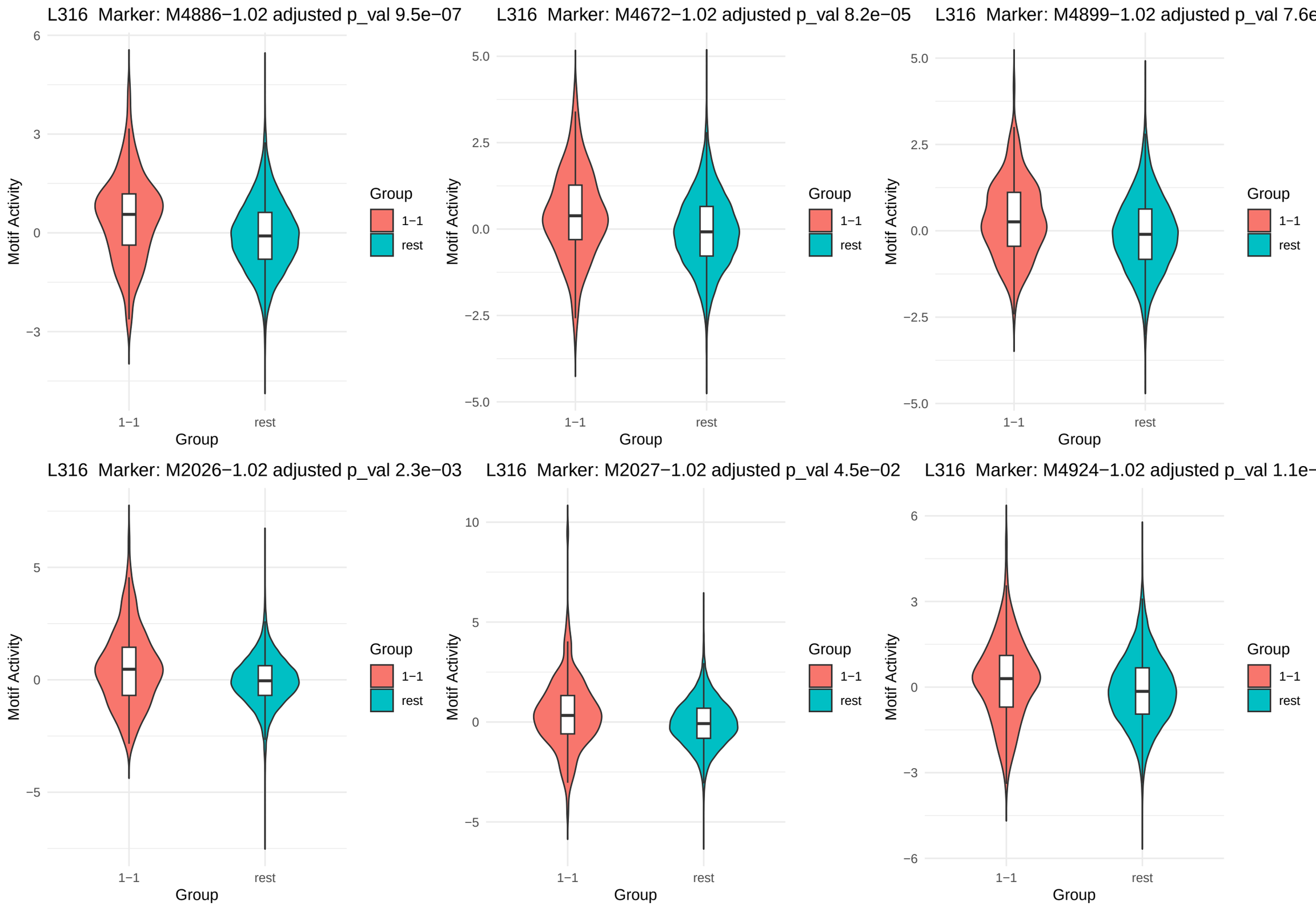

L311 Marker: M4924−1.02 adjusted p_val 9e−68
L311 Marker: M4814−1.02 adjusted p_val 4.8e−53
L311 Marker: M2021−1.02 adjusted p_val 3.3e−
L311 Marker: M4938−1.02 adjusted p_val 1.6e−39
L311 Marker: M2039−1.02 adjusted p_val 7.3e−38
L311 Marker: M5040−1.02 adjusted p_val 1.4e
Motif Activity
Group
1−1
rest
Group
1−1
rest

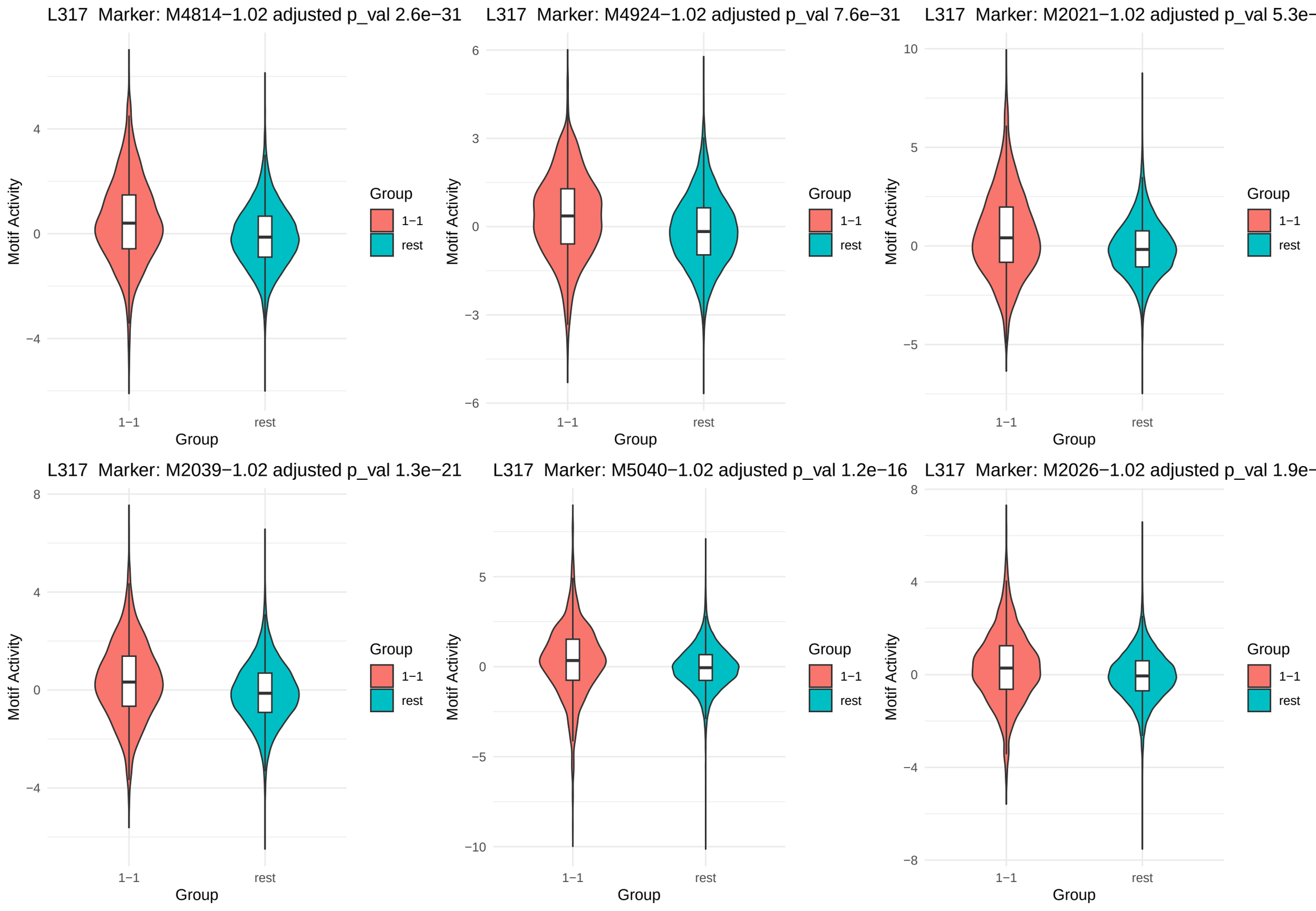

L312 Marker: M4924−1.02 adjusted p_val 2.3e−77
L312 Marker: M4899−1.02 adjusted p_val 1e−73
L312 Marker: M2013−1.02 adjusted p_val 1.3e−
L312 Marker: M4938−1.02 adjusted p_val 3.5e−60
L312 Marker: M2039−1.02 adjusted p_val 3.1e−53
L312 Marker: M1913−1.02 adjusted p_val 1.5e
Motif Activity
Group
1−1
rest
Group
1−1
rest

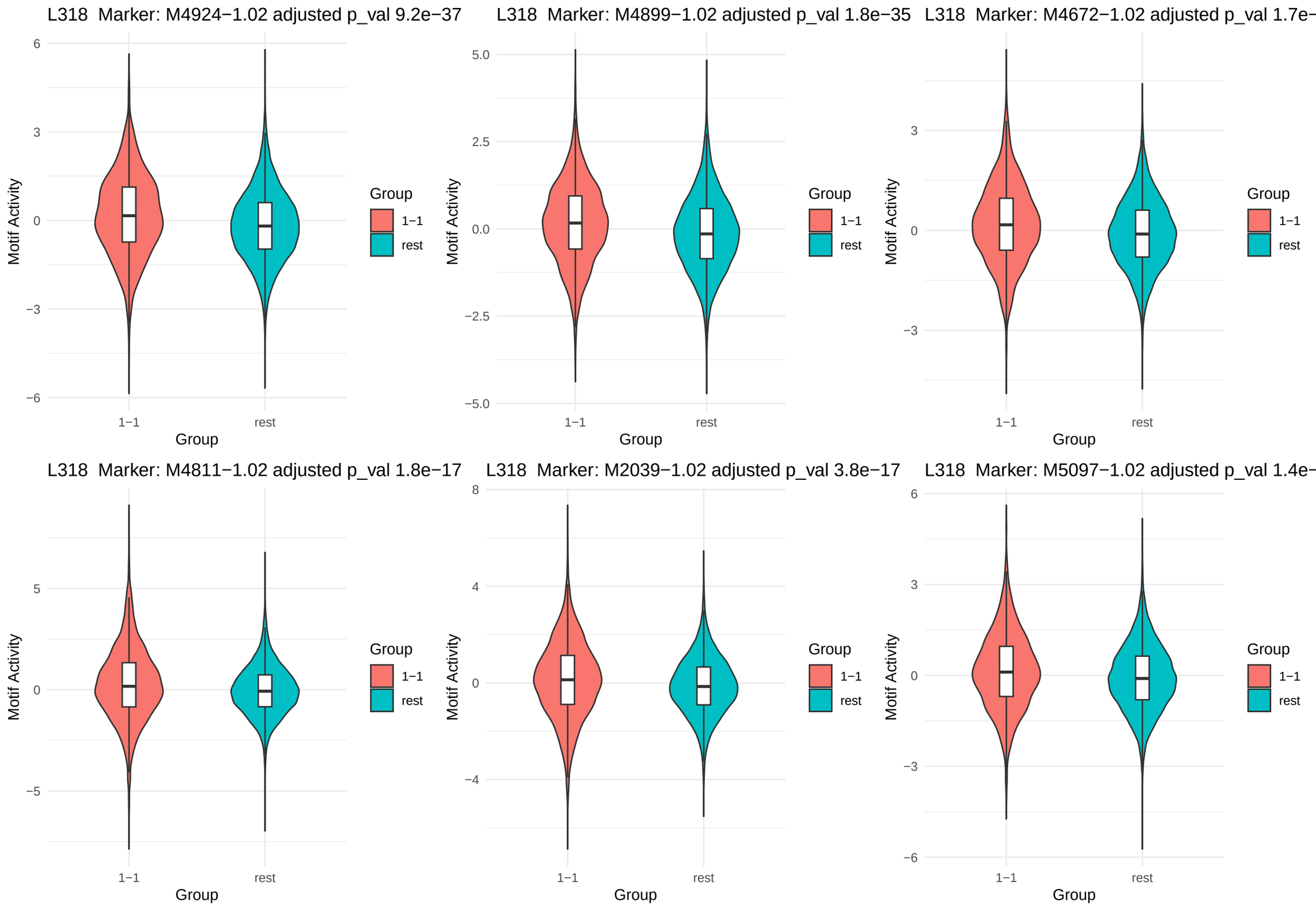

L313 Marker: M4924−1.02 adjusted p_val 6.3e−50
L313 Marker: M1913−1.02 adjusted p_val 7.5e−31
L313 Marker: M4745−1.02 adjusted p_val 2.7e−
L313 Marker: M5064−1.02 adjusted p_val 2.7e−27
L313 Marker: M5273−1.02 adjusted p_val 2.7e−27
L313 Marker: M4724−1.02 adjusted p_val 5e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

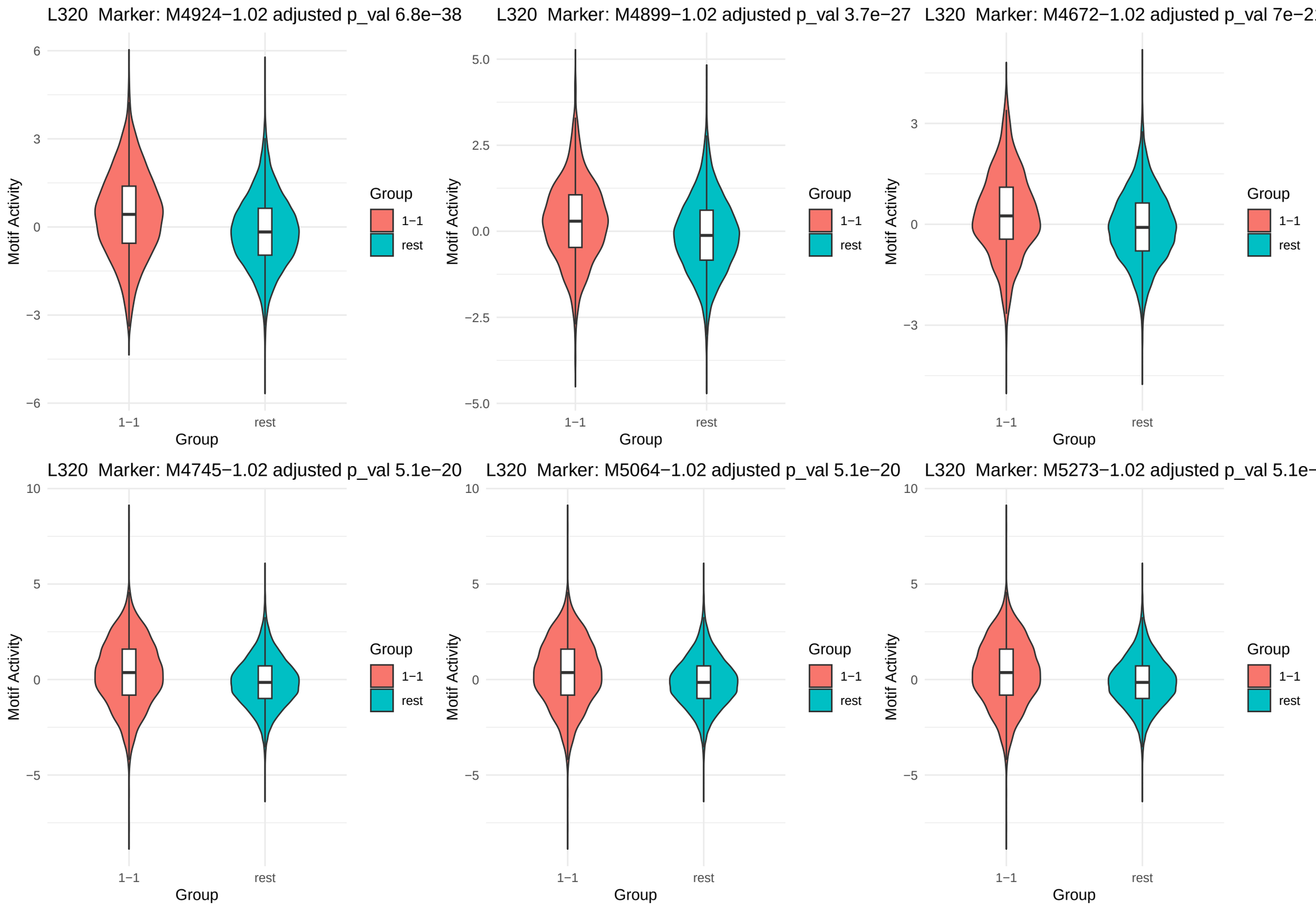

L314 Marker: M1913−1.02 adjusted p_val 8e−32
L314 Marker: M4924−1.02 adjusted p_val 1.6e−31
L314 Marker: M4745−1.02 adjusted p_val 2.4e−
L314 Marker: M5064−1.02 adjusted p_val 2.4e−28
L314 Marker: M5273−1.02 adjusted p_val 2.4e−28
L314 Marker: M4724−1.02 adjusted p_val 5.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

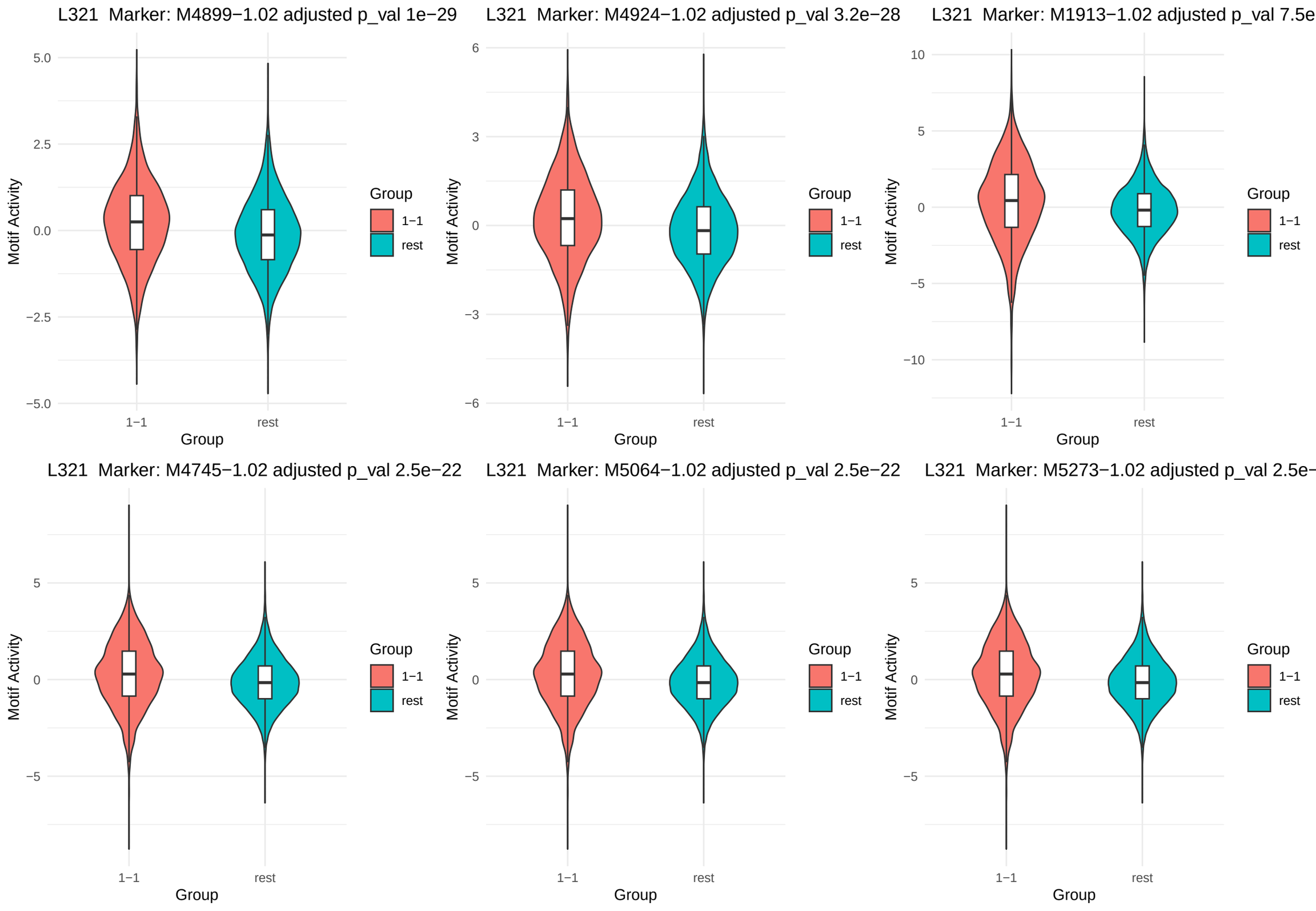

L315 Marker: M4675−1.02 adjusted p_val 6.2e−59
L315 Marker: M1849−1.02 adjusted p_val 4.6e−25
L315 Marker: M5168−1.02 adjusted p_val 1.4e
L315 Marker: M4964−1.02 adjusted p_val 5.1e−16
L315 Marker: M4672−1.02 adjusted p_val 3.1e−15
L315 Marker: M4926−1.02 adjusted p_val 5e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

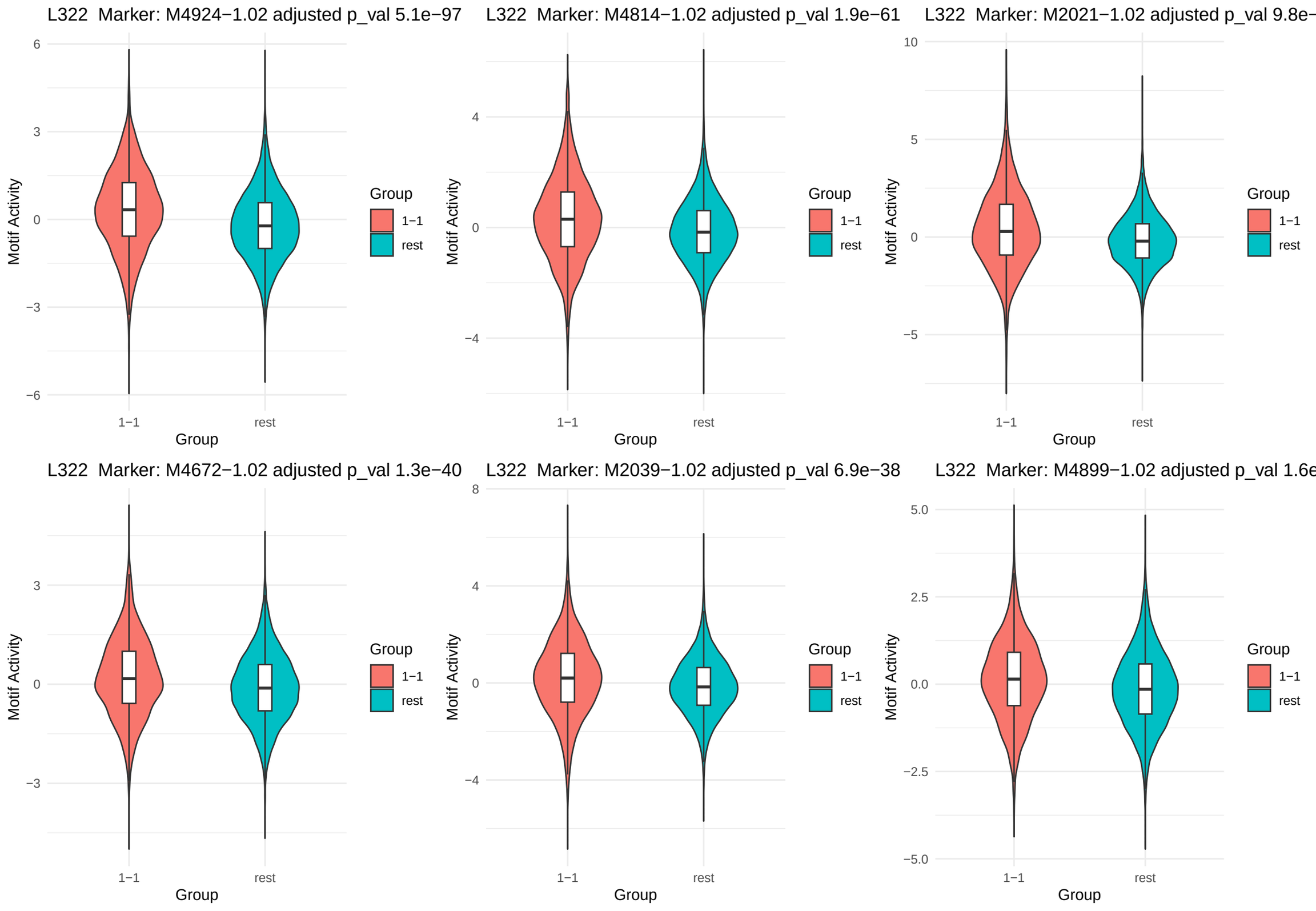

L316 Marker: M4886−1.02 adjusted p_val 9.5e−07
L316 Marker: M4672−1.02 adjusted p_val 8.2e−05
L316 Marker: M4899−1.02 adjusted p_val 7.6e
L316 Marker: M2026−1.02 adjusted p_val 2.3e−03
L316 Marker: M2027−1.02 adjusted p_val 4.5e−02
L316 Marker: M4924−1.02 adjusted p_val 1.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

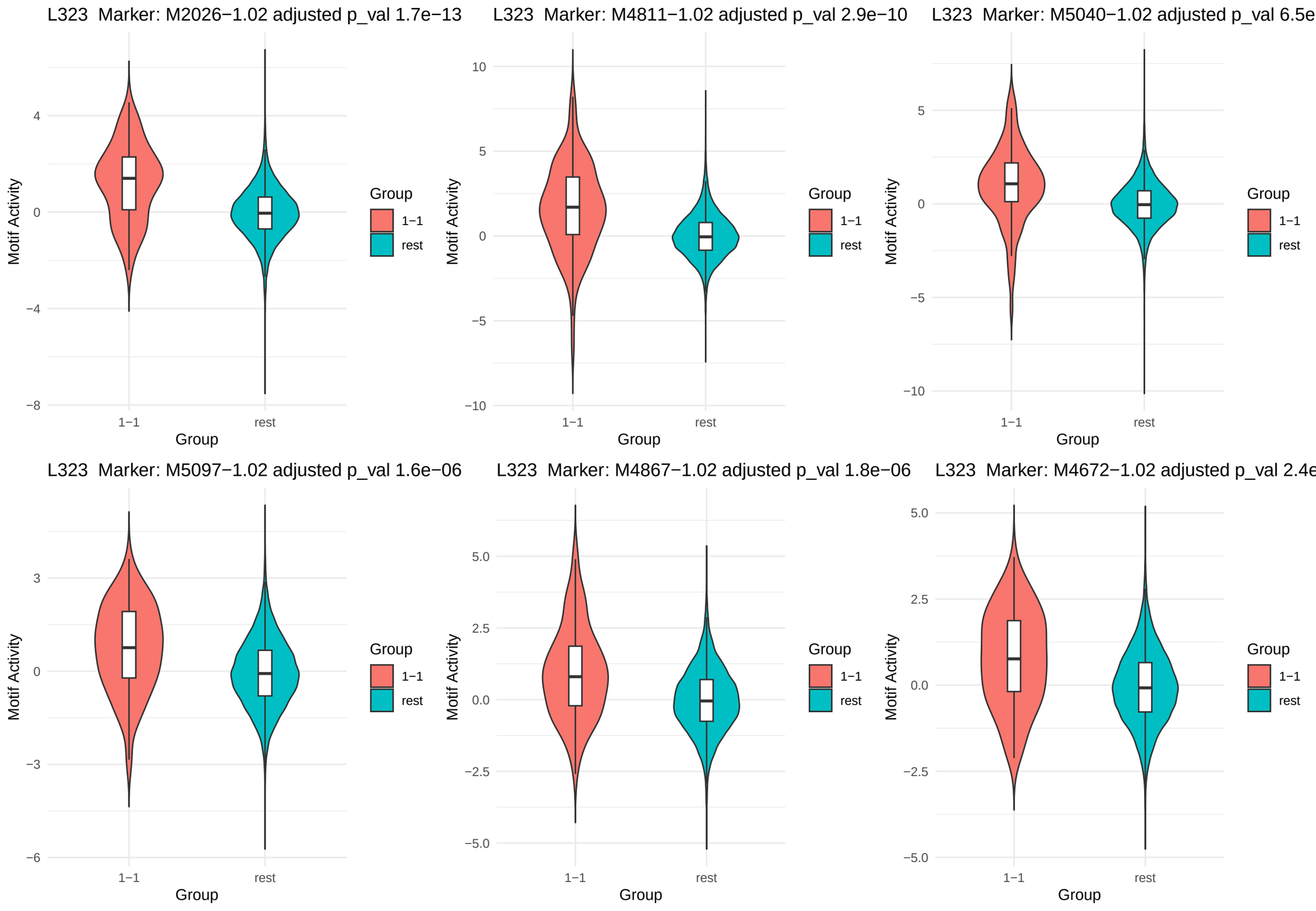

L317 Marker: M4814−1.02 adjusted p_val 2.6e−31
L317 Marker: M4924−1.02 adjusted p_val 7.6e−31
L317 Marker: M2021−1.02 adjusted p_val 5.3e−
L317 Marker: M2039−1.02 adjusted p_val 1.3e−21
L317 Marker: M5040−1.02 adjusted p_val 1.2e−16
L317 Marker: M2026−1.02 adjusted p_val 1.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

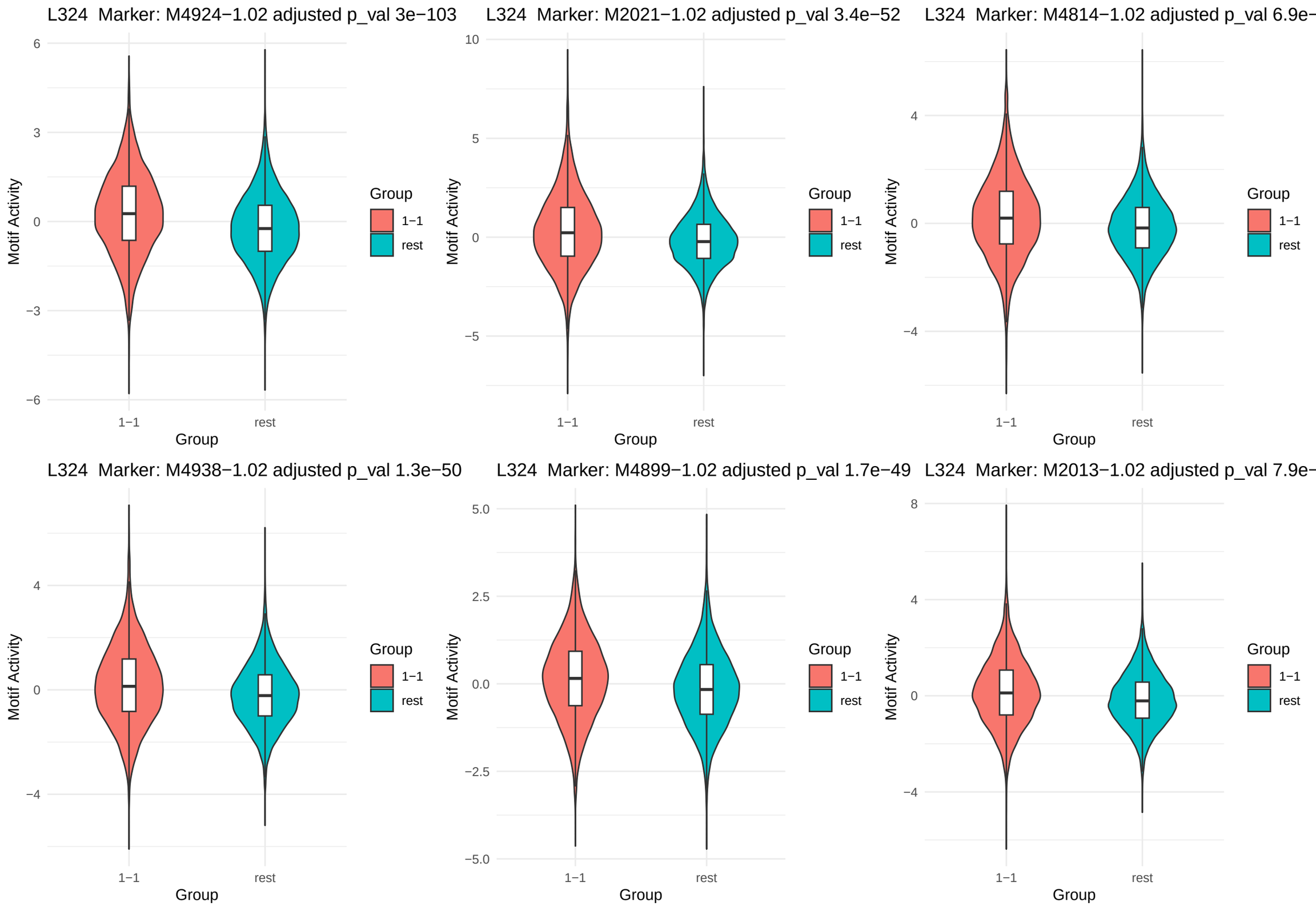

L318 Marker: M4924−1.02 adjusted p_val 9.2e−37
L318 Marker: M4899−1.02 adjusted p_val 1.8e−35
L318 Marker: M4672−1.02 adjusted p_val 1.7e−
L318 Marker: M4811−1.02 adjusted p_val 1.8e−17
L318 Marker: M2039−1.02 adjusted p_val 3.8e−17
L318 Marker: M5097−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

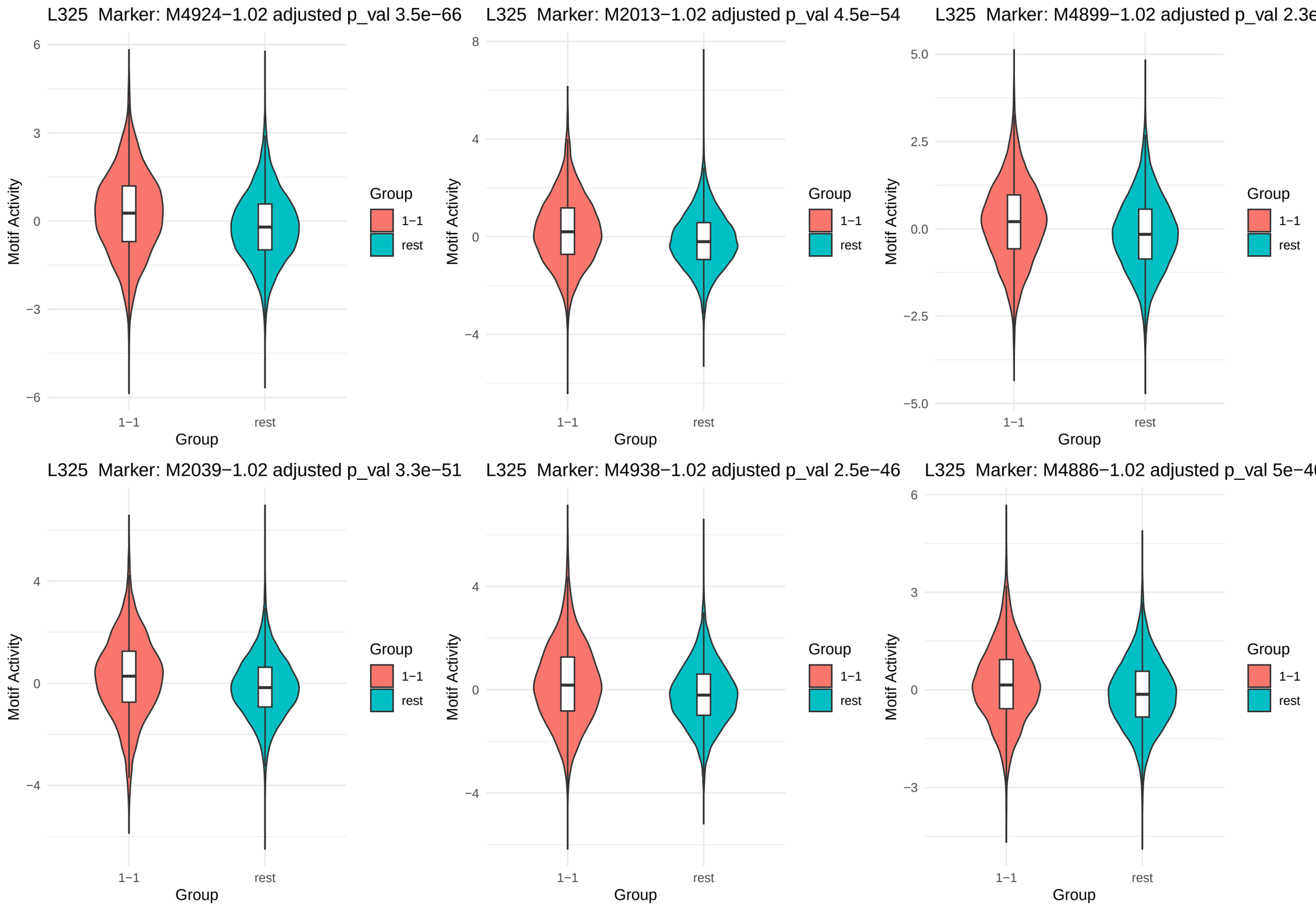

L320 Marker: M4924−1.02 adjusted p_val 6.8e−38
L320 Marker: M4899−1.02 adjusted p_val 3.7e−27
L320 Marker: M4672−1.02 adjusted p_val 7e−2
L320 Marker: M4745−1.02 adjusted p_val 5.1e−20
L320 Marker: M5064−1.02 adjusted p_val 5.1e−20
L320 Marker: M5273−1.02 adjusted p_val 5.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

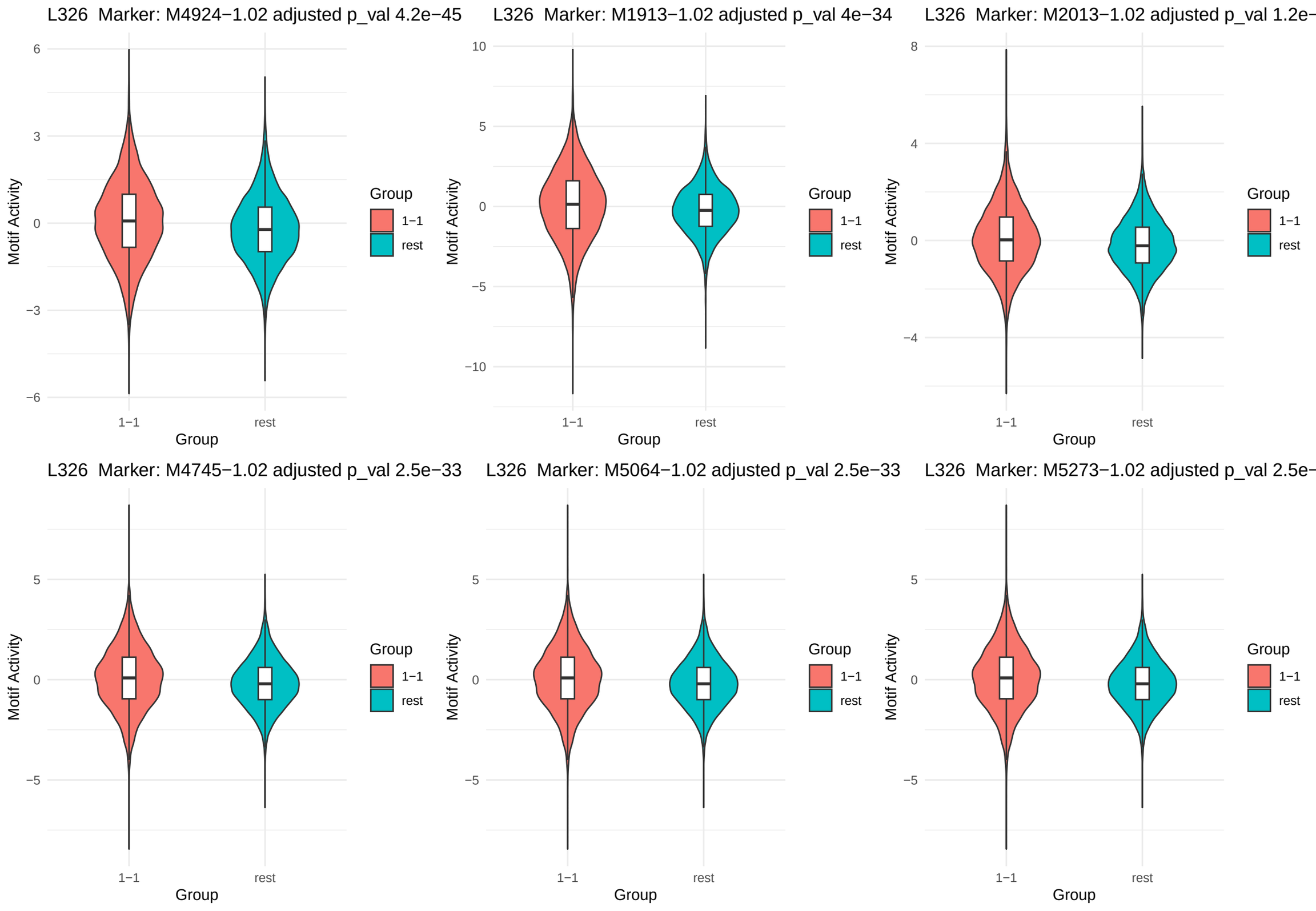

L321 Marker: M4899−1.02 adjusted p_val 1e−29
L321 Marker: M4924−1.02 adjusted p_val 3.2e−28
L321 Marker: M1913−1.02 adjusted p_val 7.5e
L321 Marker: M4745−1.02 adjusted p_val 2.5e−22
L321 Marker: M5064−1.02 adjusted p_val 2.5e−22
L321 Marker: M5273−1.02 adjusted p_val 2.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

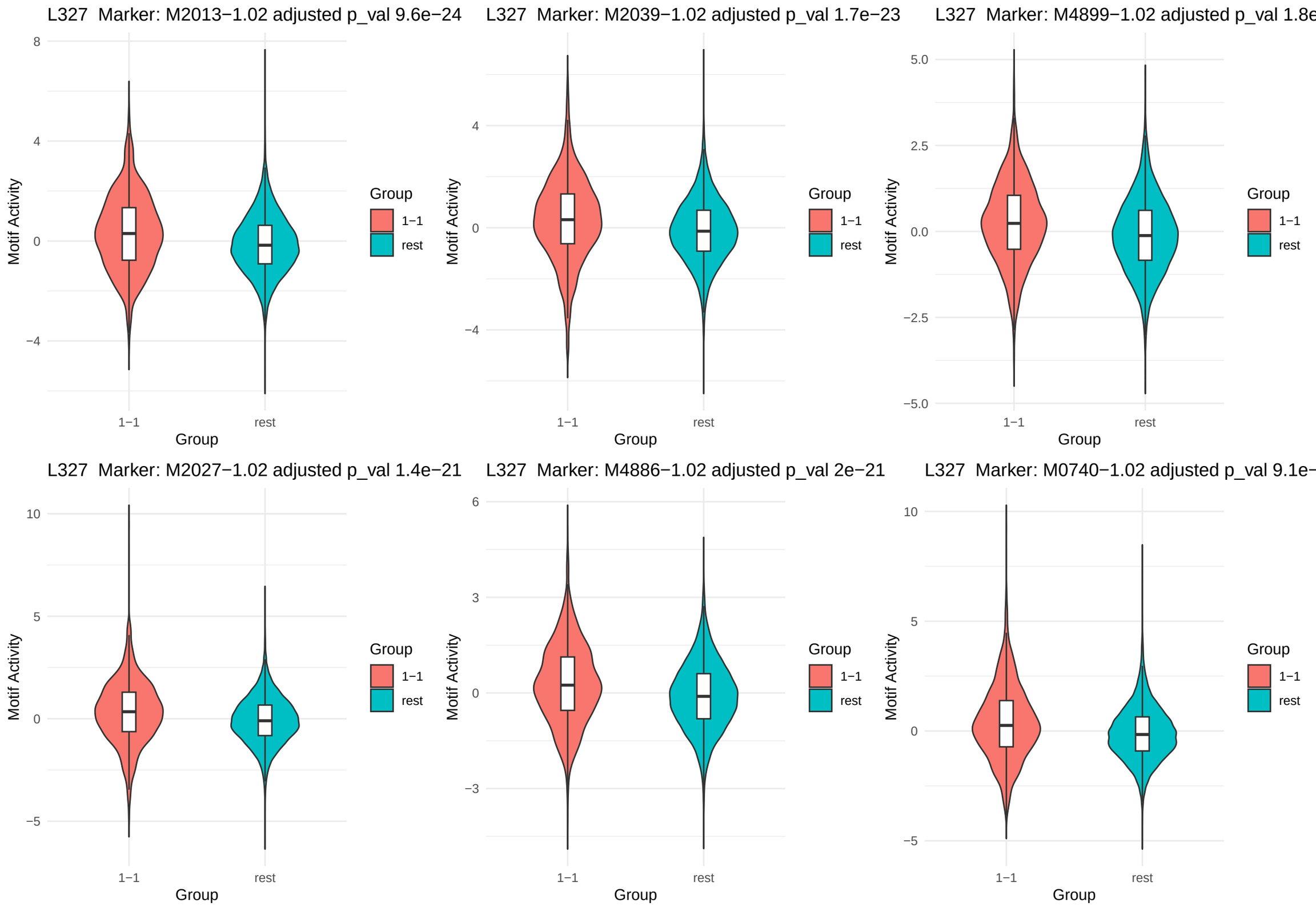

L322 Marker: M4924−1.02 adjusted p_val 5.1e−97
L322 Marker: M4814−1.02 adjusted p_val 1.9e−61
L322 Marker: M2021−1.02 adjusted p_val 9.8e−
L322 Marker: M4672−1.02 adjusted p_val 1.3e−40
L322 Marker: M2039−1.02 adjusted p_val 6.9e−38
L322 Marker: M4899−1.02 adjusted p_val 1.6e
Motif Activity
Group
1−1
rest
Group
1−1
rest

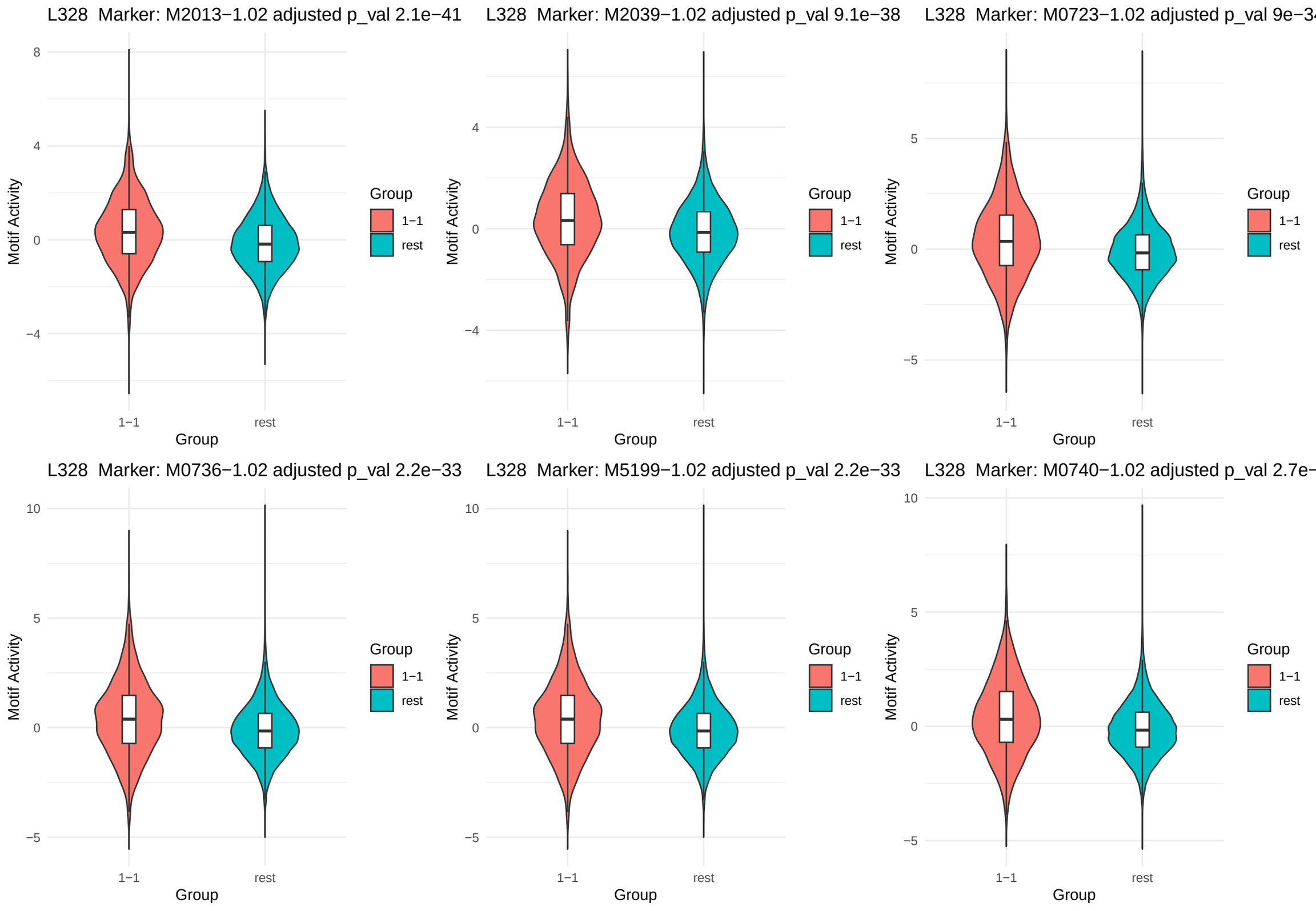

L323 Marker: M2026−1.02 adjusted p_val 1.7e−13
L323 Marker: M4811−1.02 adjusted p_val 2.9e−10
L323 Marker: M5040−1.02 adjusted p_val 6.5e
L323 Marker: M5097−1.02 adjusted p_val 1.6e−06
L323 Marker: M4867−1.02 adjusted p_val 1.8e−06
L323 Marker: M4672−1.02 adjusted p_val 2.4e
Motif Activity
Group
1−1
rest
Group
1−1
rest

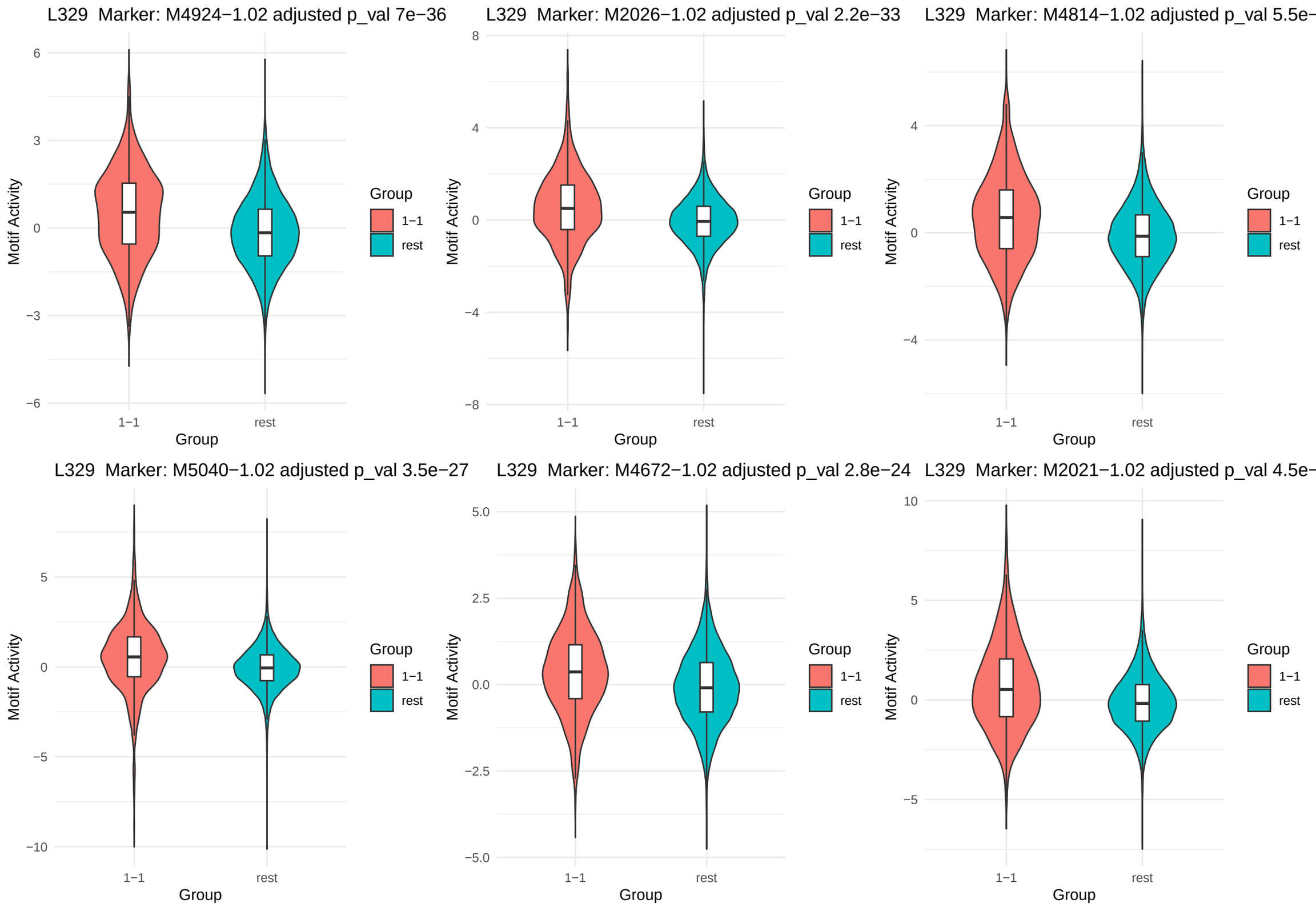

L324 Marker: M4924−1.02 adjusted p_val 3e−103
L324 Marker: M2021−1.02 adjusted p_val 3.4e−52
L324 Marker: M4814−1.02 adjusted p_val 6.9e−
L324 Marker: M4938−1.02 adjusted p_val 1.3e−50
L324 Marker: M4899−1.02 adjusted p_val 1.7e−49
L324 Marker: M2013−1.02 adjusted p_val 7.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

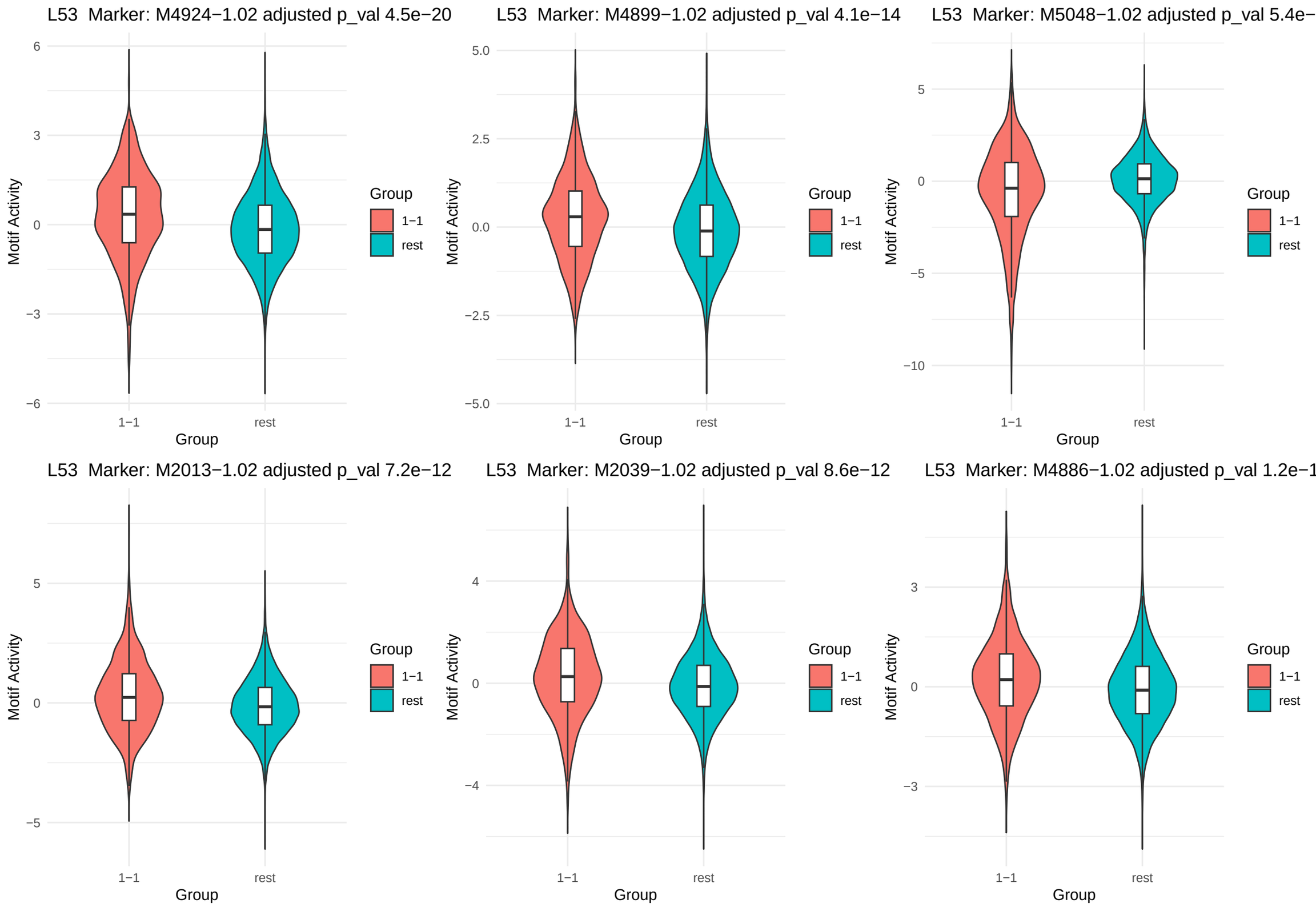

L325 Marker: M4924−1.02 adjusted p_val 3.5e−66
L325 Marker: M2013−1.02 adjusted p_val 4.5e−54
L325 Marker: M4899−1.02 adjusted p_val 2.3e
L325 Marker: M2039−1.02 adjusted p_val 3.3e−51
L325 Marker: M4938−1.02 adjusted p_val 2.5e−46
L325 Marker: M4886−1.02 adjusted p_val 5e−4
Motif Activity
Group
1−1
rest
Group
1−1
rest

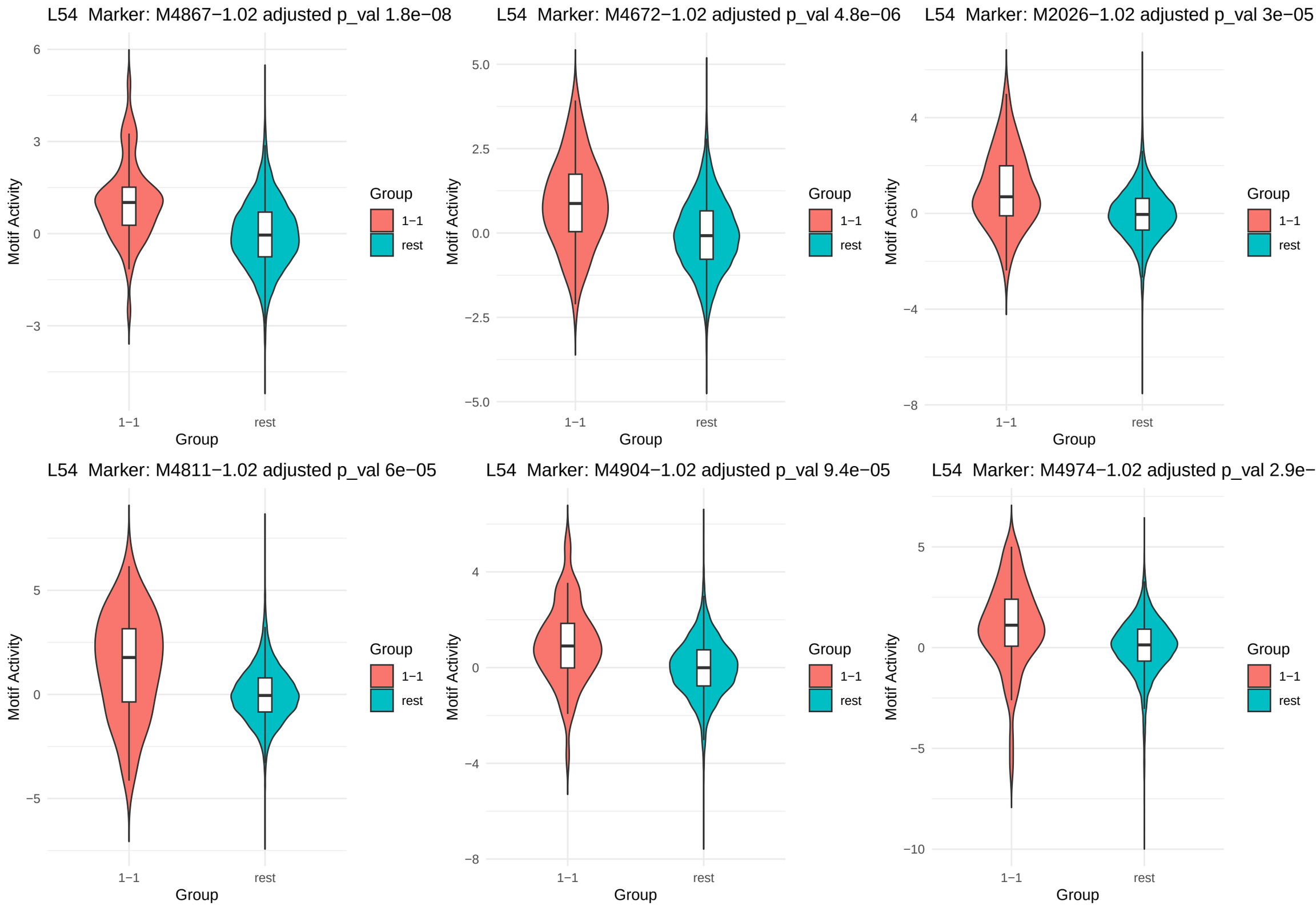

L326 Marker: M4924−1.02 adjusted p_val 4.2e−45
L326 Marker: M1913−1.02 adjusted p_val 4e−34
L326 Marker: M2013−1.02 adjusted p_val 1.2e−
L326 Marker: M4745−1.02 adjusted p_val 2.5e−33
L326 Marker: M5064−1.02 adjusted p_val 2.5e−33
L326 Marker: M5273−1.02 adjusted p_val 2.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

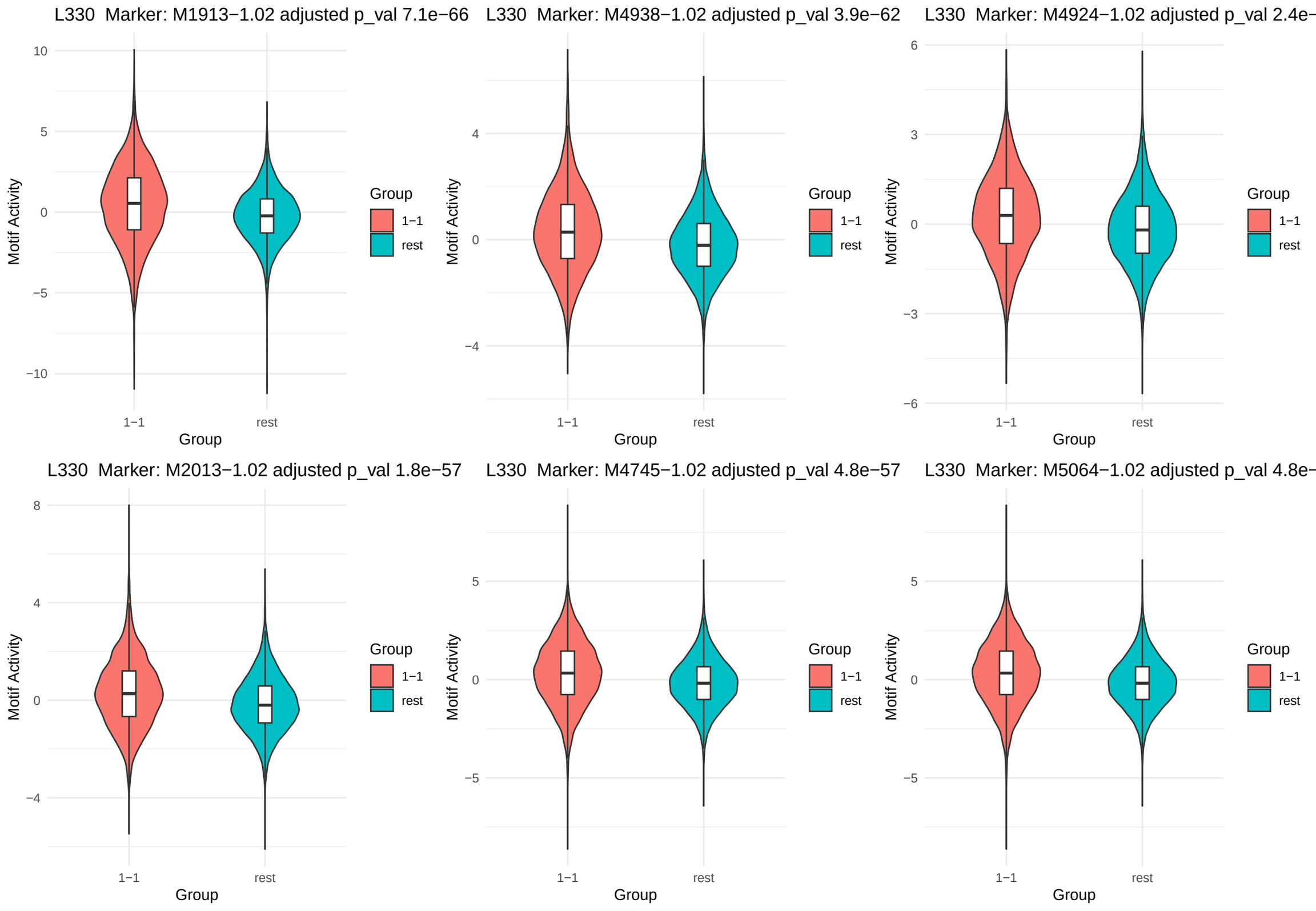

L327 Marker: M2013−1.02 adjusted p_val 9.6e−24
L327 Marker: M2039−1.02 adjusted p_val 1.7e−23
L327 Marker: M4899−1.02 adjusted p_val 1.8e
L327 Marker: M2027−1.02 adjusted p_val 1.4e−21
L327 Marker: M4886−1.02 adjusted p_val 2e−21
L327 Marker: M0740−1.02 adjusted p_val 9.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

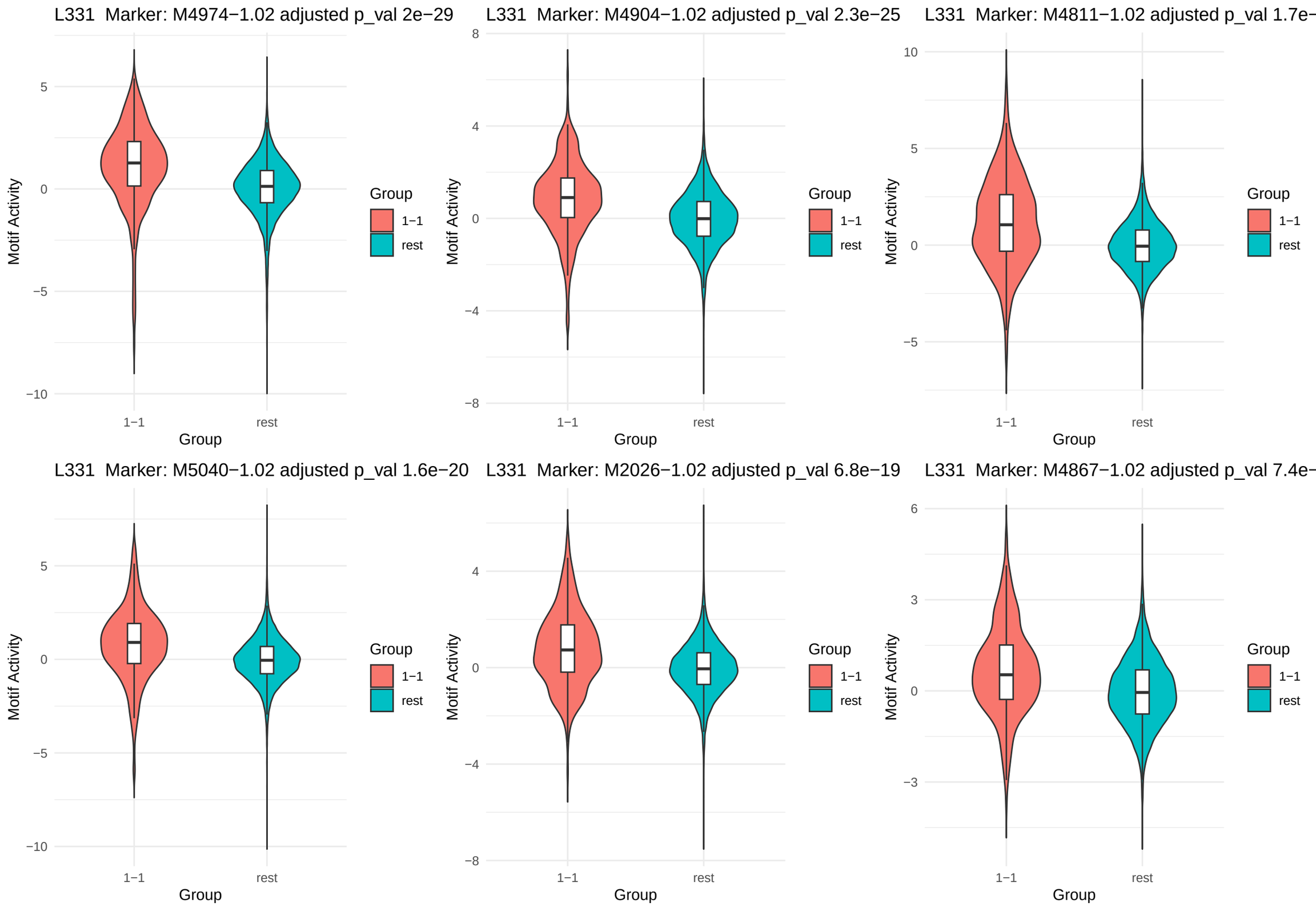

L328 Marker: M2013−1.02 adjusted p_val 2.1e−41
L328 Marker: M2039−1.02 adjusted p_val 9.1e−38
L328 Marker: M0723−1.02 adjusted p_val 9e−34
L328 Marker: M0736−1.02 adjusted p_val 2.2e−33
L328 Marker: M5199−1.02 adjusted p_val 2.2e−33
L328 Marker: M0740−1.02 adjusted p_val 2.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

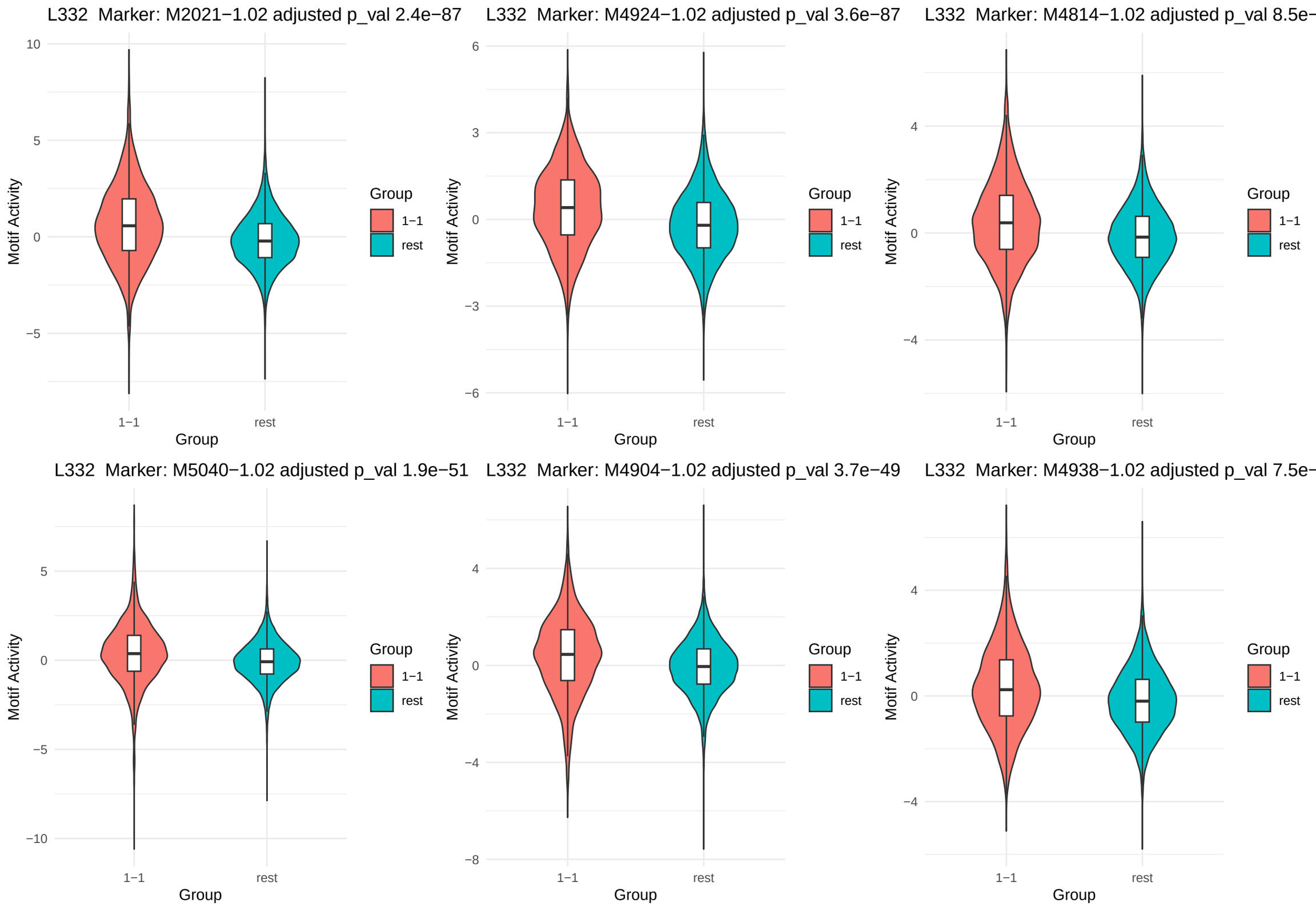

L329 Marker: M4924−1.02 adjusted p_val 7e−36
L329 Marker: M2026−1.02 adjusted p_val 2.2e−33
L329 Marker: M4814−1.02 adjusted p_val 5.5e−
L329 Marker: M5040−1.02 adjusted p_val 3.5e−27
L329 Marker: M4672−1.02 adjusted p_val 2.8e−24
L329 Marker: M2021−1.02 adjusted p_val 4.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

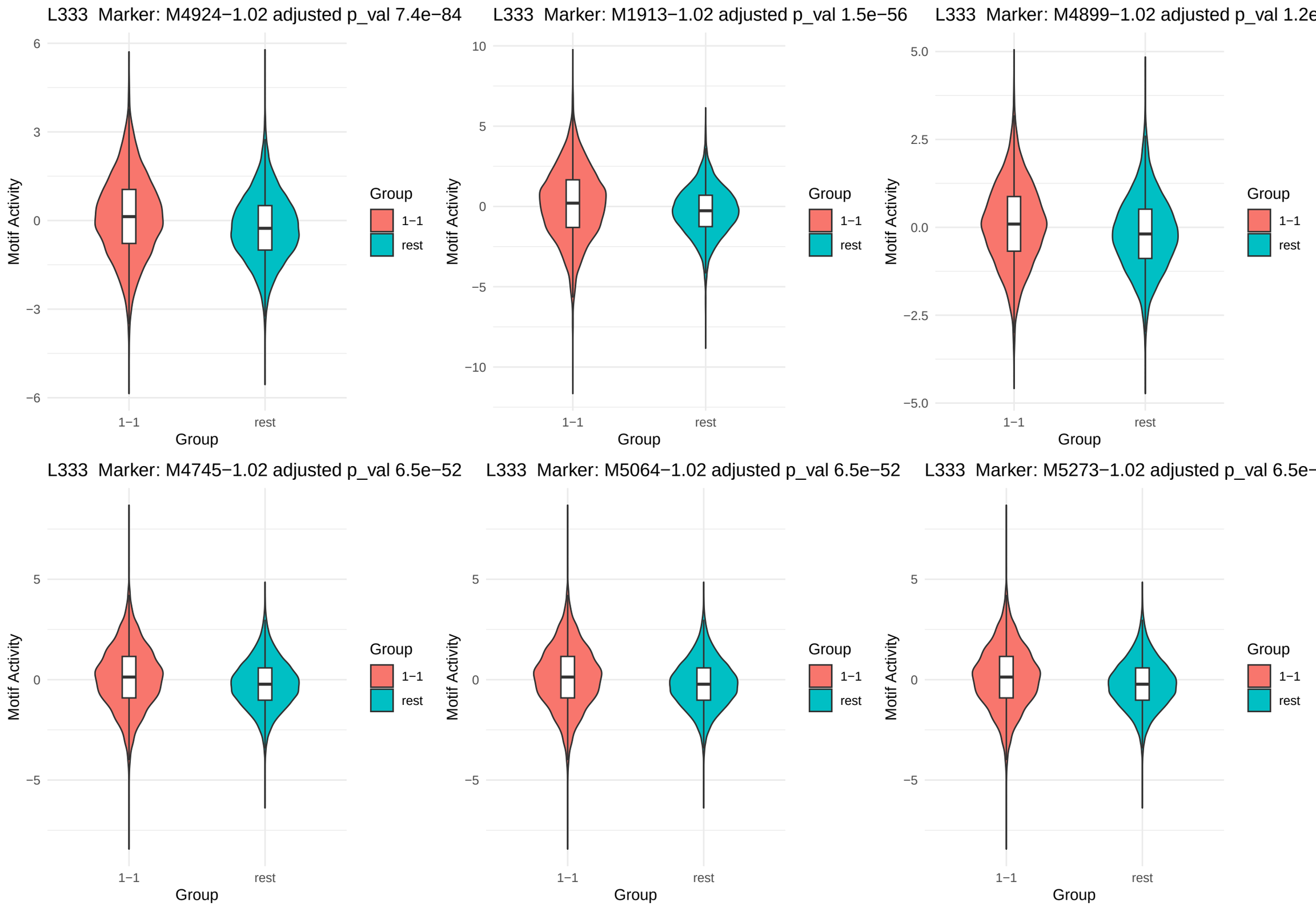

L53 Marker: M4924−1.02 adjusted p_val 4.5e−20
L53 Marker: M4899−1.02 adjusted p_val 4.1e−14
L53 Marker: M5048−1.02 adjusted p_val 5.4e−
L53 Marker: M2013−1.02 adjusted p_val 7.2e−12
L53 Marker: M2039−1.02 adjusted p_val 8.6e−12
L53 Marker: M4886−1.02 adjusted p_val 1.2e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

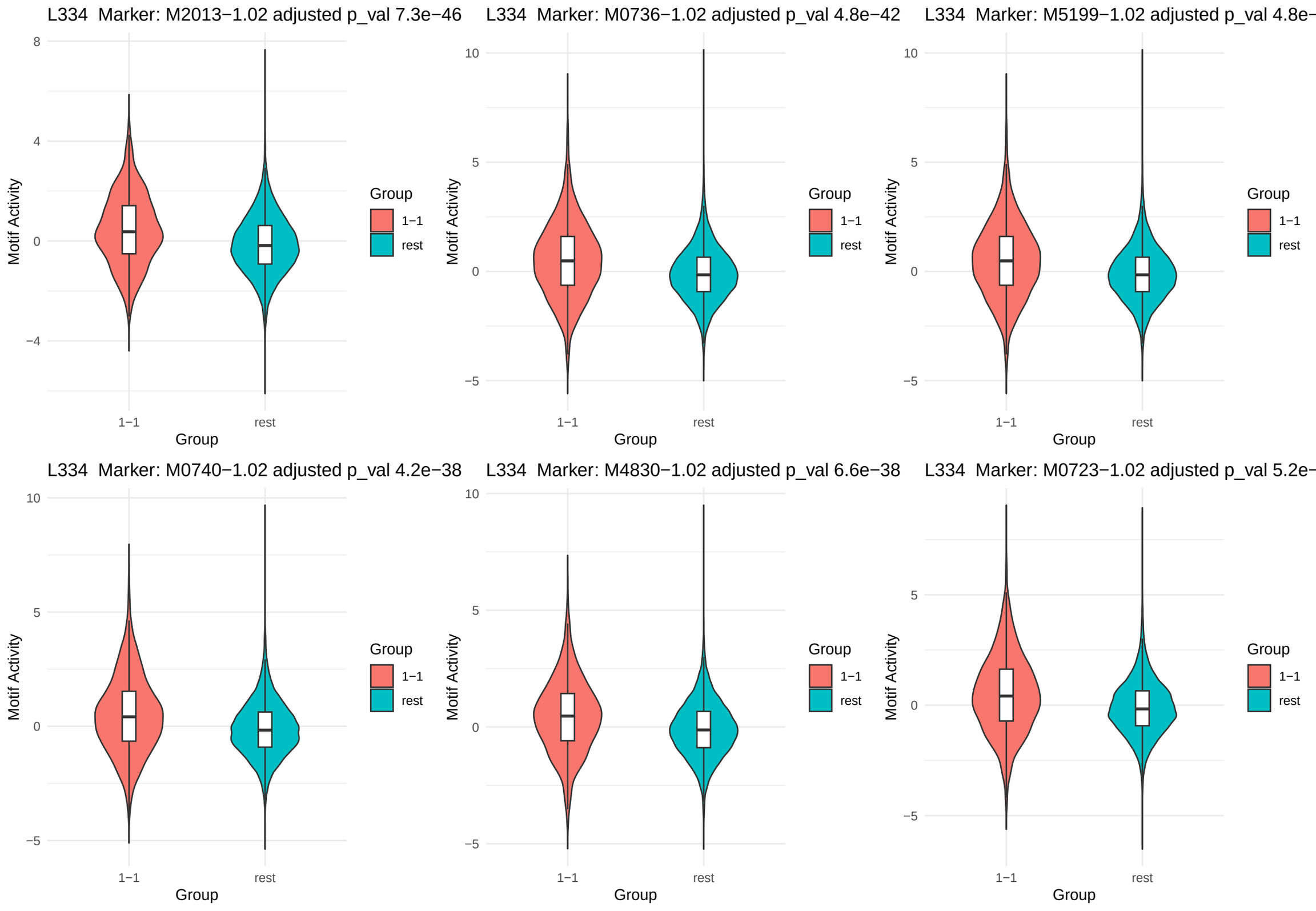

L54 Marker: M4867−1.02 adjusted p_val 1.8e−08
L54 Marker: M4672−1.02 adjusted p_val 4.8e−06
L54 Marker: M2026−1.02 adjusted p_val 3e−05
L54 Marker: M4811−1.02 adjusted p_val 6e−05
L54 Marker: M4904−1.02 adjusted p_val 9.4e−05
L54 Marker: M4974−1.02 adjusted p_val 2.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

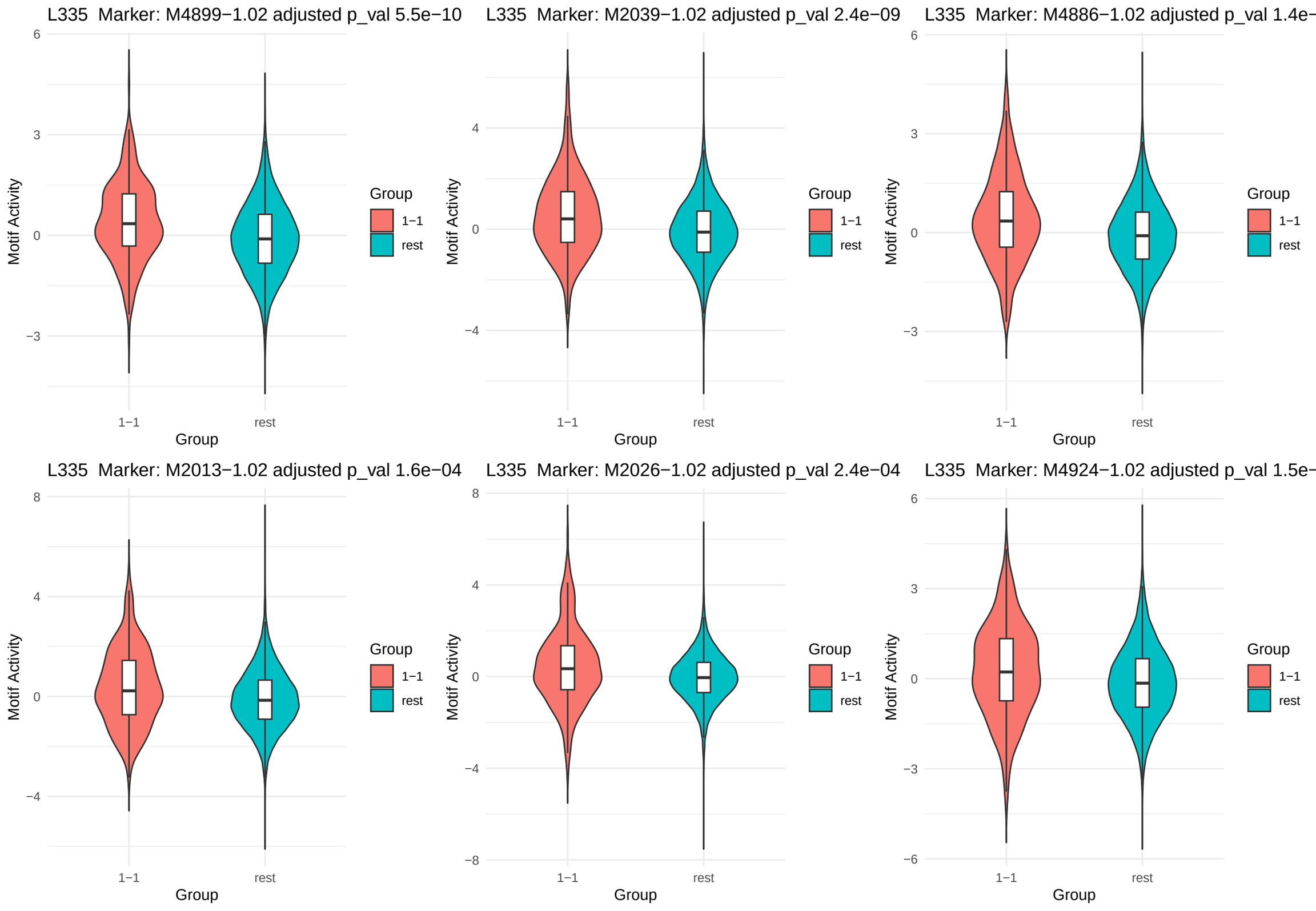

L330 Marker: M1913−1.02 adjusted p_val 7.1e−66
L330 Marker: M4938−1.02 adjusted p_val 3.9e−62
L330 Marker: M4924−1.02 adjusted p_val 2.4e−
L330 Marker: M2013−1.02 adjusted p_val 1.8e−57
L330 Marker: M4745−1.02 adjusted p_val 4.8e−57
L330 Marker: M5064−1.02 adjusted p_val 4.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

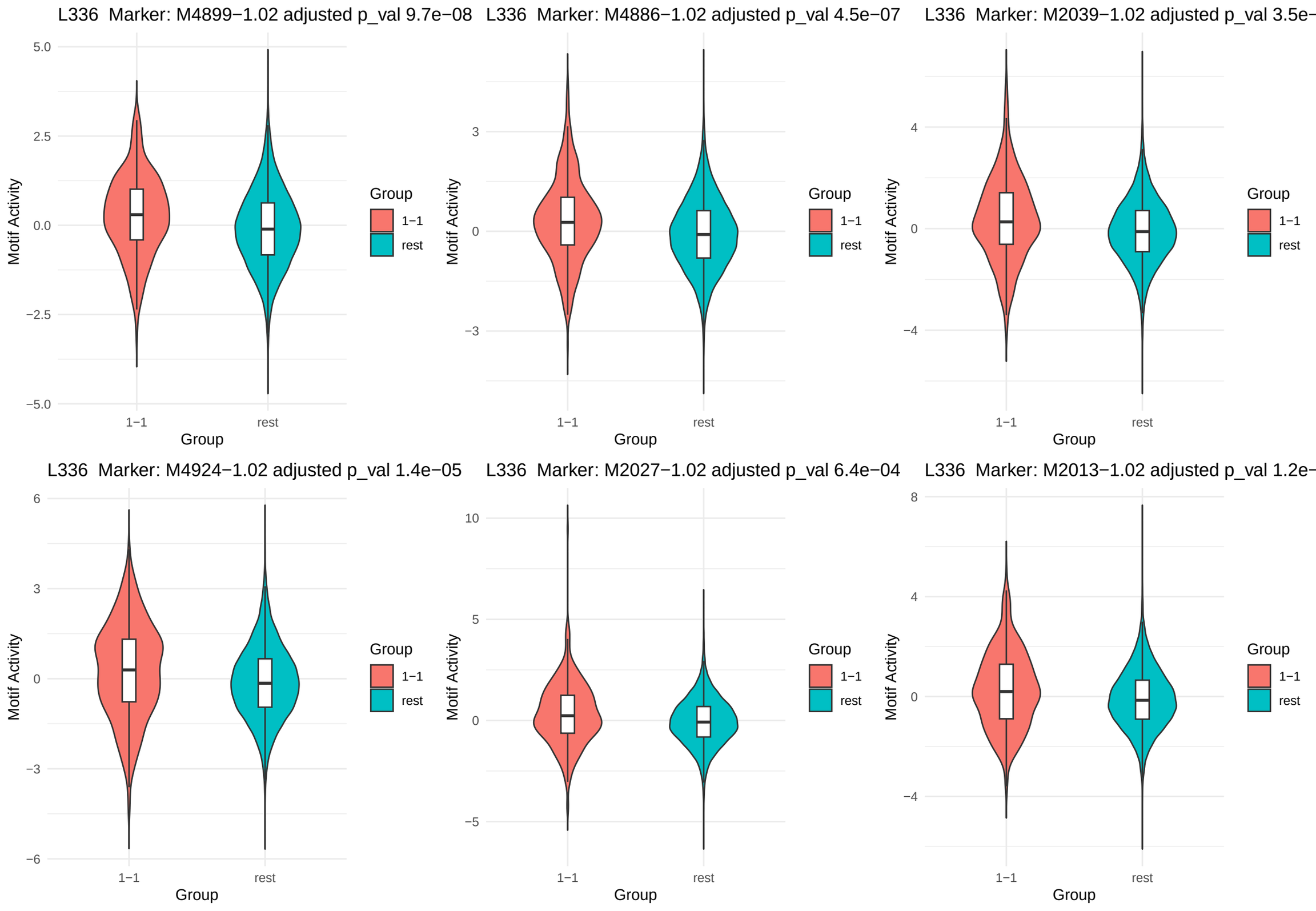

L331 Marker: M4974−1.02 adjusted p_val 2e−29
L331 Marker: M4904−1.02 adjusted p_val 2.3e−25
L331 Marker: M4811−1.02 adjusted p_val 1.7e−
L331 Marker: M5040−1.02 adjusted p_val 1.6e−20
L331 Marker: M2026−1.02 adjusted p_val 6.8e−19
L331 Marker: M4867−1.02 adjusted p_val 7.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

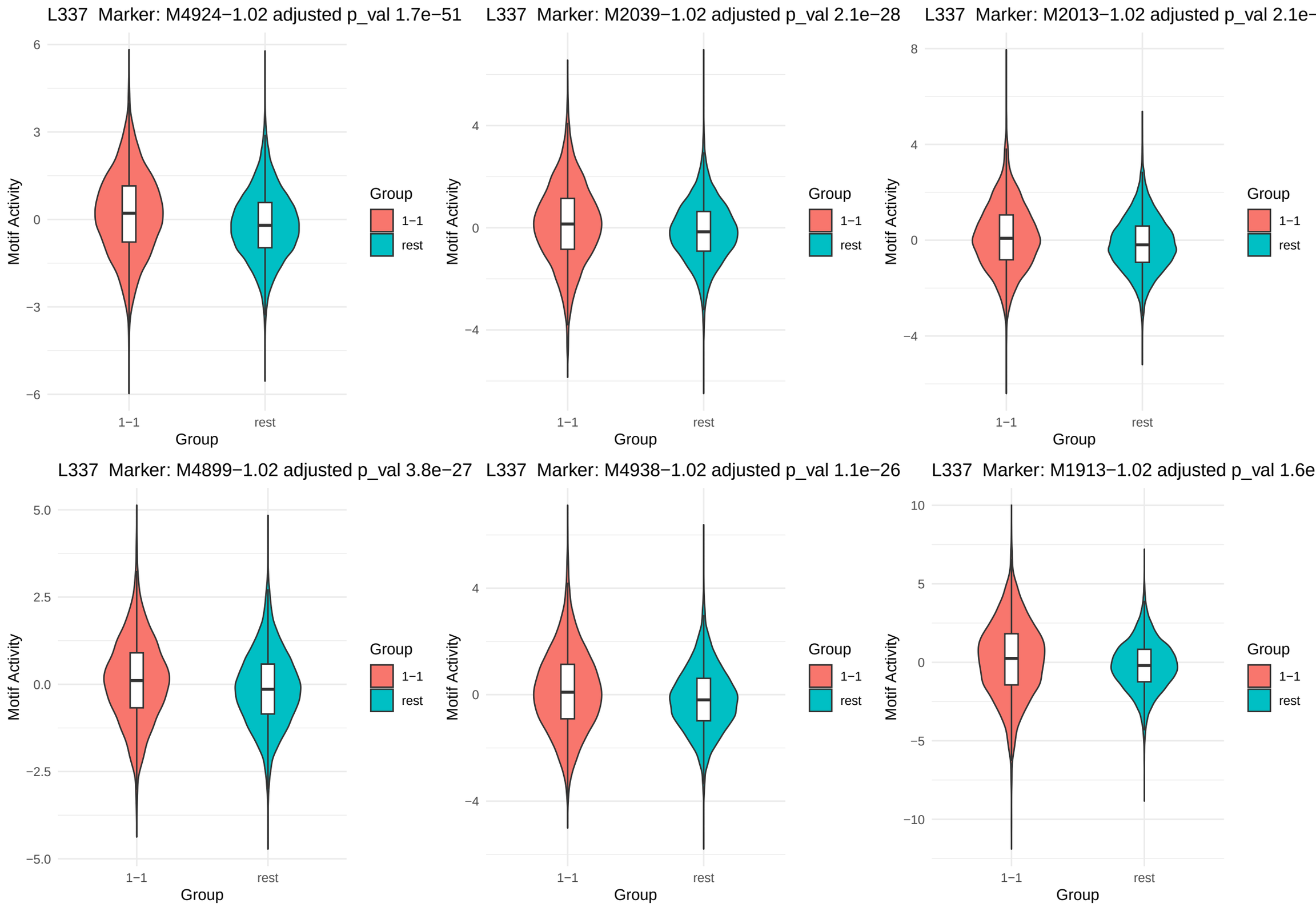

L332 Marker: M2021−1.02 adjusted p_val 2.4e−87
L332 Marker: M4924−1.02 adjusted p_val 3.6e−87
L332 Marker: M4814−1.02 adjusted p_val 8.5e−
L332 Marker: M5040−1.02 adjusted p_val 1.9e−51
L332 Marker: M4904−1.02 adjusted p_val 3.7e−49
L332 Marker: M4938−1.02 adjusted p_val 7.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

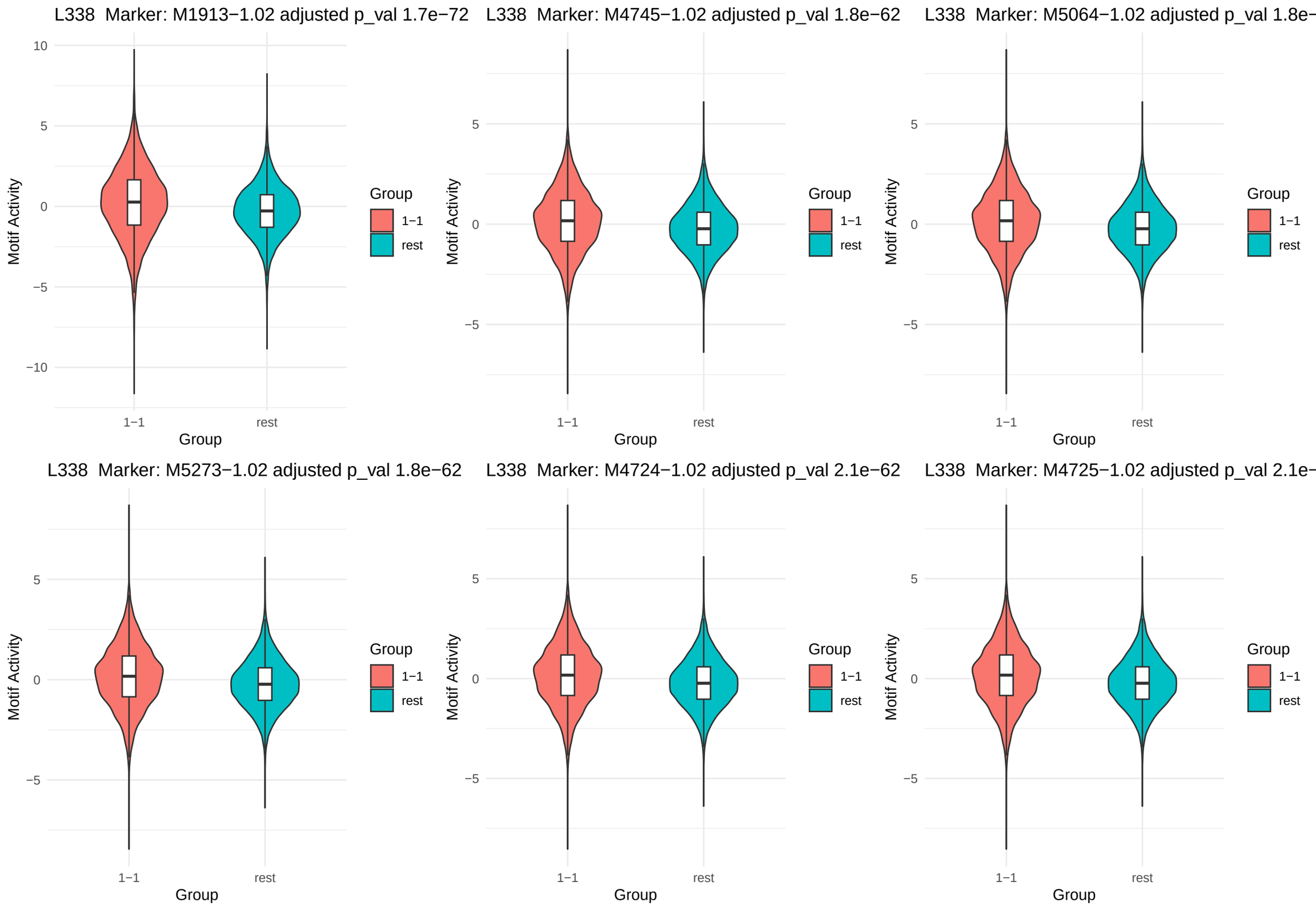

L333 Marker: M4924−1.02 adjusted p_val 7.4e−84
L333 Marker: M1913−1.02 adjusted p_val 1.5e−56
L333 Marker: M4899−1.02 adjusted p_val 1.2e
L333 Marker: M4745−1.02 adjusted p_val 6.5e−52
L333 Marker: M5064−1.02 adjusted p_val 6.5e−52
L333 Marker: M5273−1.02 adjusted p_val 6.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

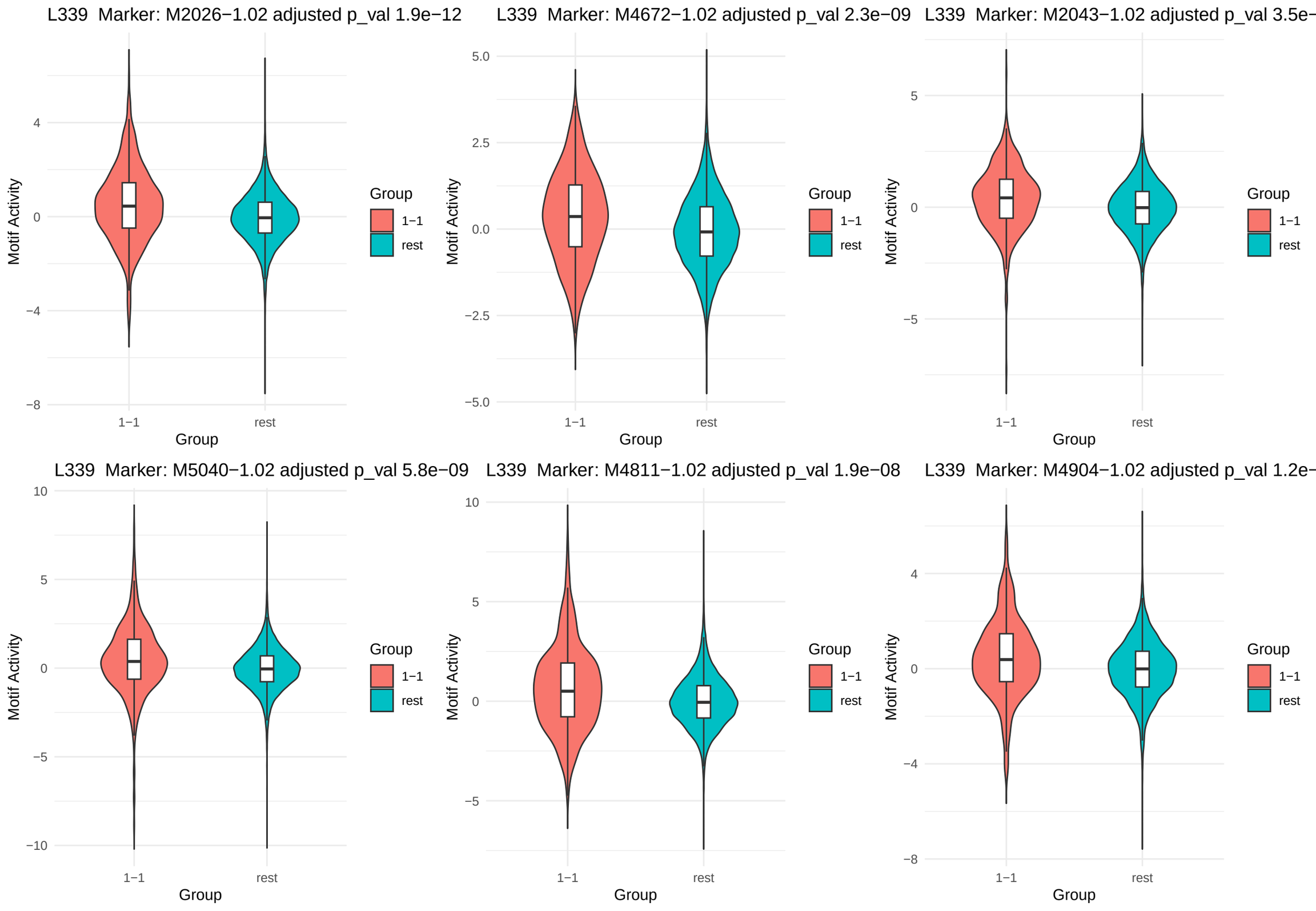

L334 Marker: M2013−1.02 adjusted p_val 7.3e−46
L334 Marker: M0736−1.02 adjusted p_val 4.8e−42
L334 Marker: M5199−1.02 adjusted p_val 4.8e−
L334 Marker: M0740−1.02 adjusted p_val 4.2e−38
L334 Marker: M4830−1.02 adjusted p_val 6.6e−38
L334 Marker: M0723−1.02 adjusted p_val 5.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

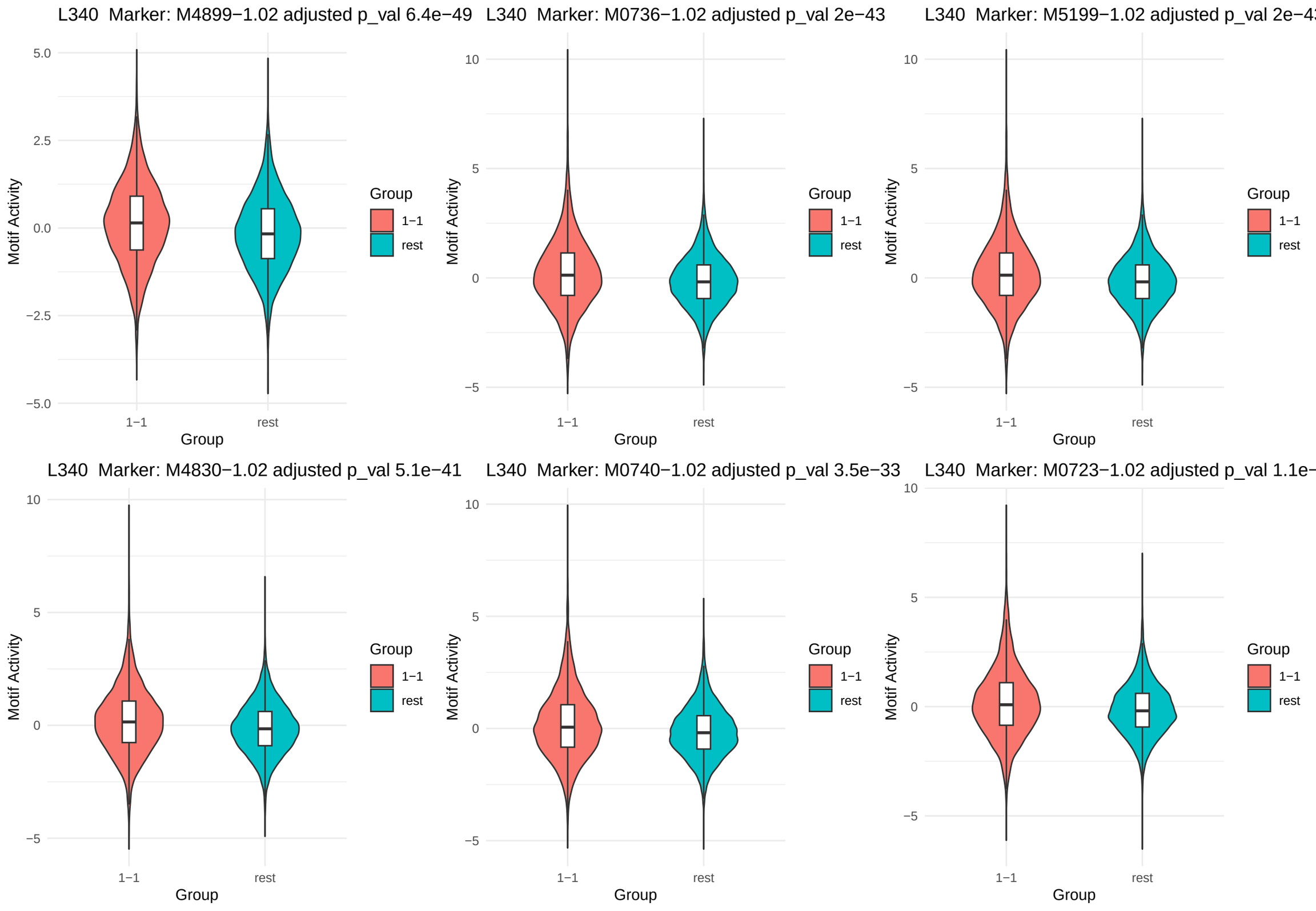

L335 Marker: M4899−1.02 adjusted p_val 5.5e−10
L335 Marker: M2039−1.02 adjusted p_val 2.4e−09
L335 Marker: M4886−1.02 adjusted p_val 1.4e−
L335 Marker: M2013−1.02 adjusted p_val 1.6e−04
L335 Marker: M2026−1.02 adjusted p_val 2.4e−04
L335 Marker: M4924−1.02 adjusted p_val 1.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

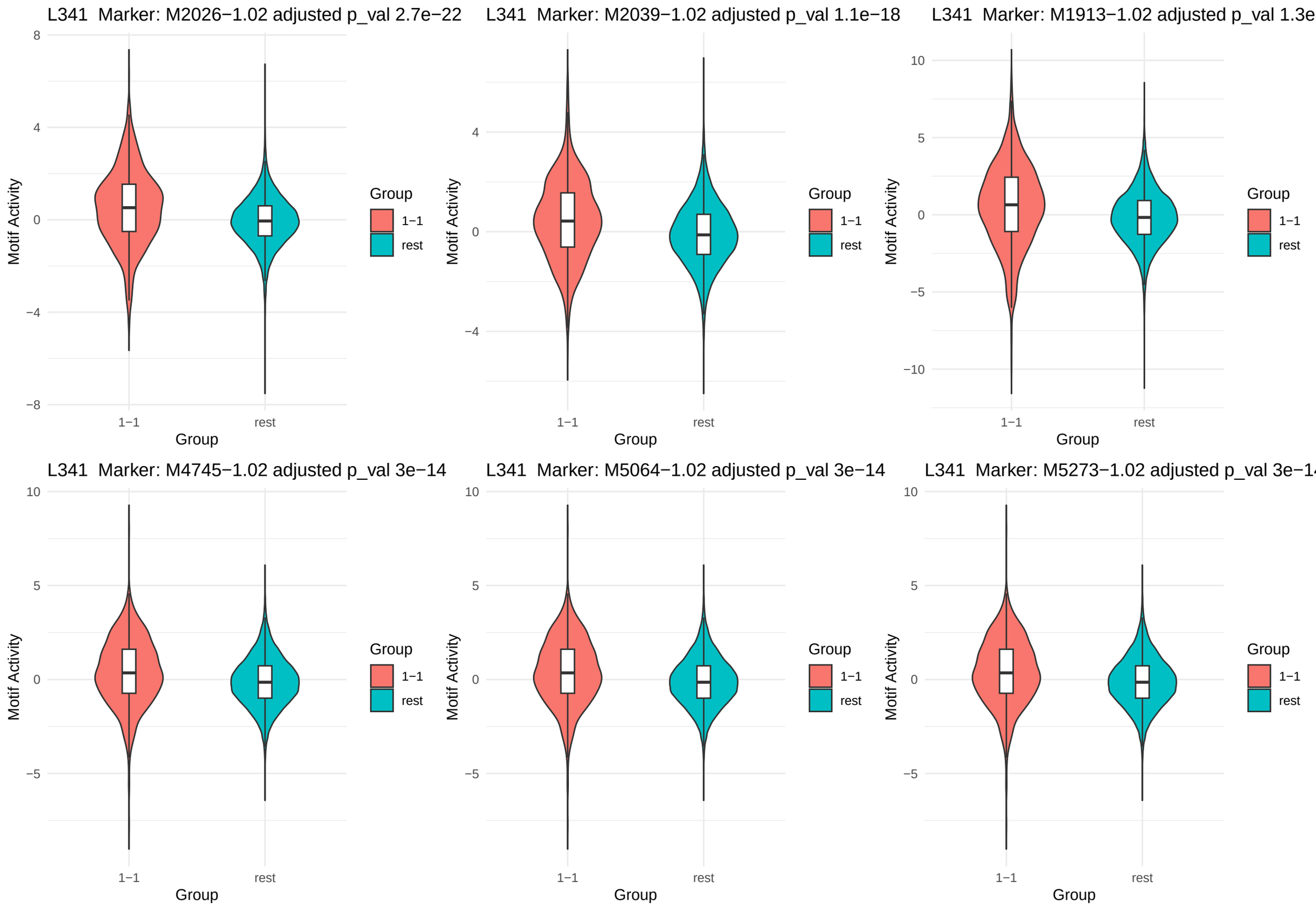

L336 Marker: M4899−1.02 adjusted p_val 9.7e−08
L336 Marker: M4886−1.02 adjusted p_val 4.5e−07
L336 Marker: M2039−1.02 adjusted p_val 3.5e−
L336 Marker: M4924−1.02 adjusted p_val 1.4e−05
L336 Marker: M2027−1.02 adjusted p_val 6.4e−04
L336 Marker: M2013−1.02 adjusted p_val 1.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

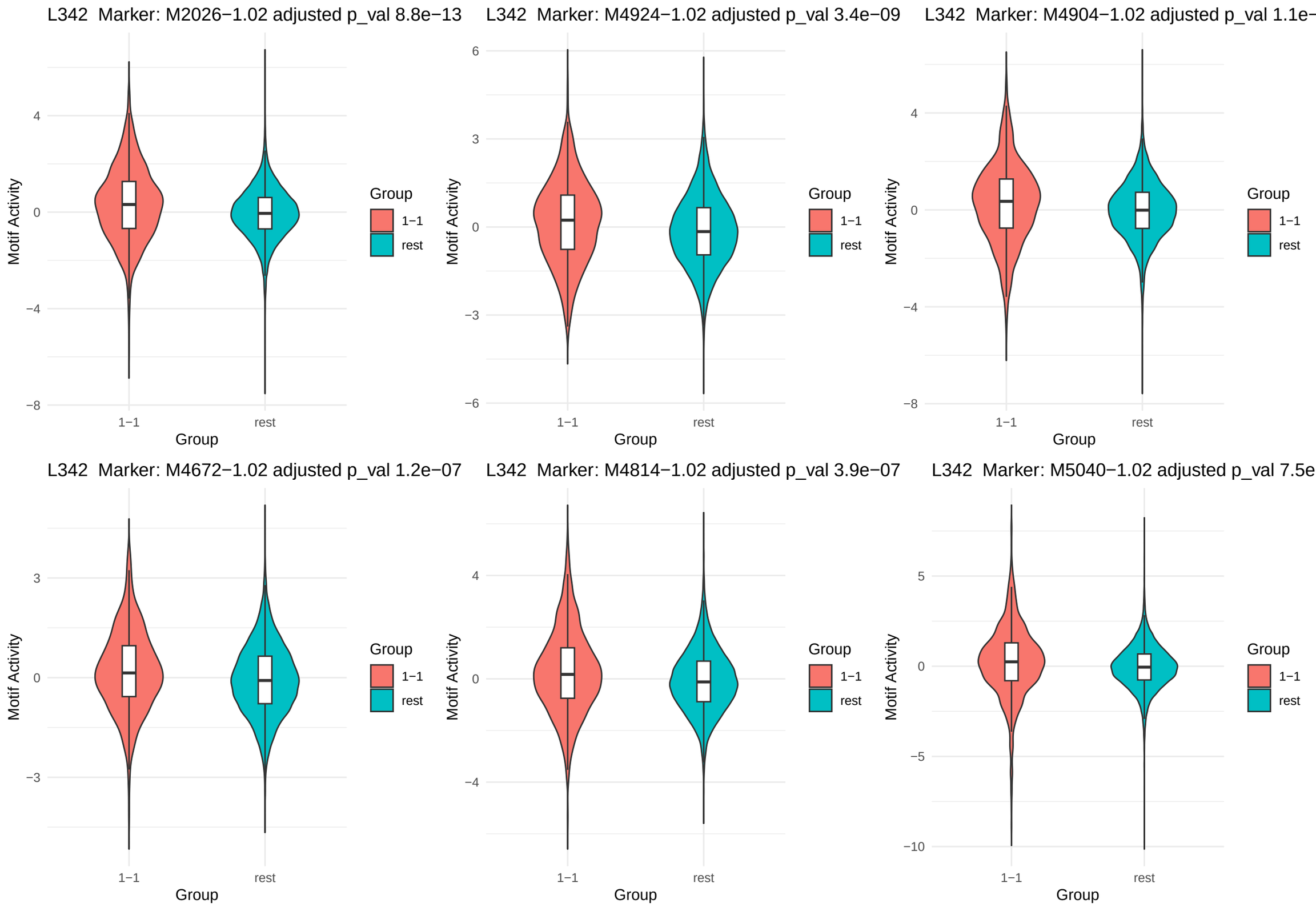

L337 Marker: M4924−1.02 adjusted p_val 1.7e−51
L337 Marker: M2039−1.02 adjusted p_val 2.1e−28
L337 Marker: M2013−1.02 adjusted p_val 2.1e−
L337 Marker: M4899−1.02 adjusted p_val 3.8e−27
L337 Marker: M4938−1.02 adjusted p_val 1.1e−26
L337 Marker: M1913−1.02 adjusted p_val 1.6e
Motif Activity
Group
1−1
rest
Group
1−1
rest

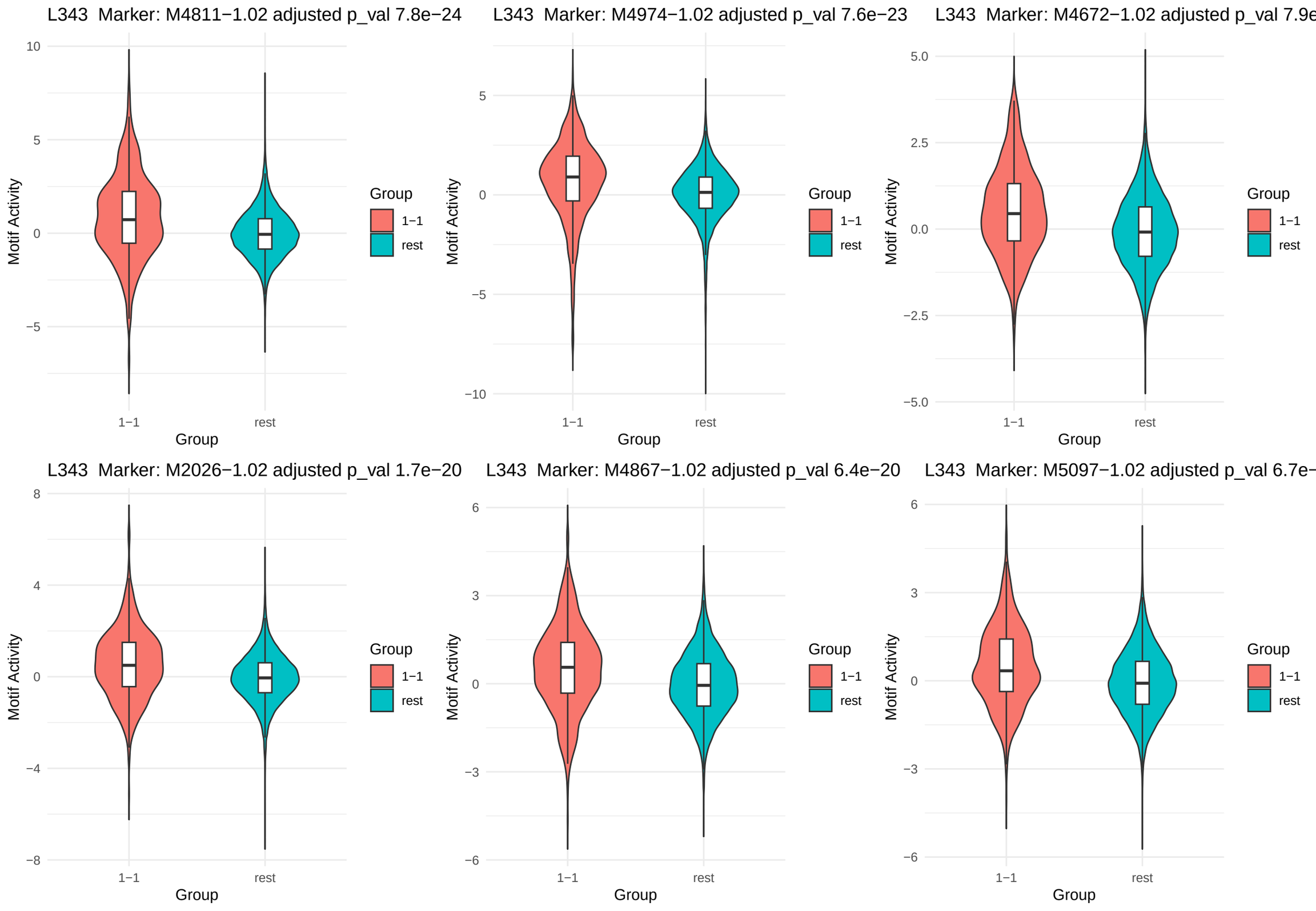

L338 Marker: M1913−1.02 adjusted p_val 1.7e−72
L338 Marker: M4745−1.02 adjusted p_val 1.8e−62
L338 Marker: M5064−1.02 adjusted p_val 1.8e−
L338 Marker: M5273−1.02 adjusted p_val 1.8e−62
L338 Marker: M4724−1.02 adjusted p_val 2.1e−62
L338 Marker: M4725−1.02 adjusted p_val 2.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

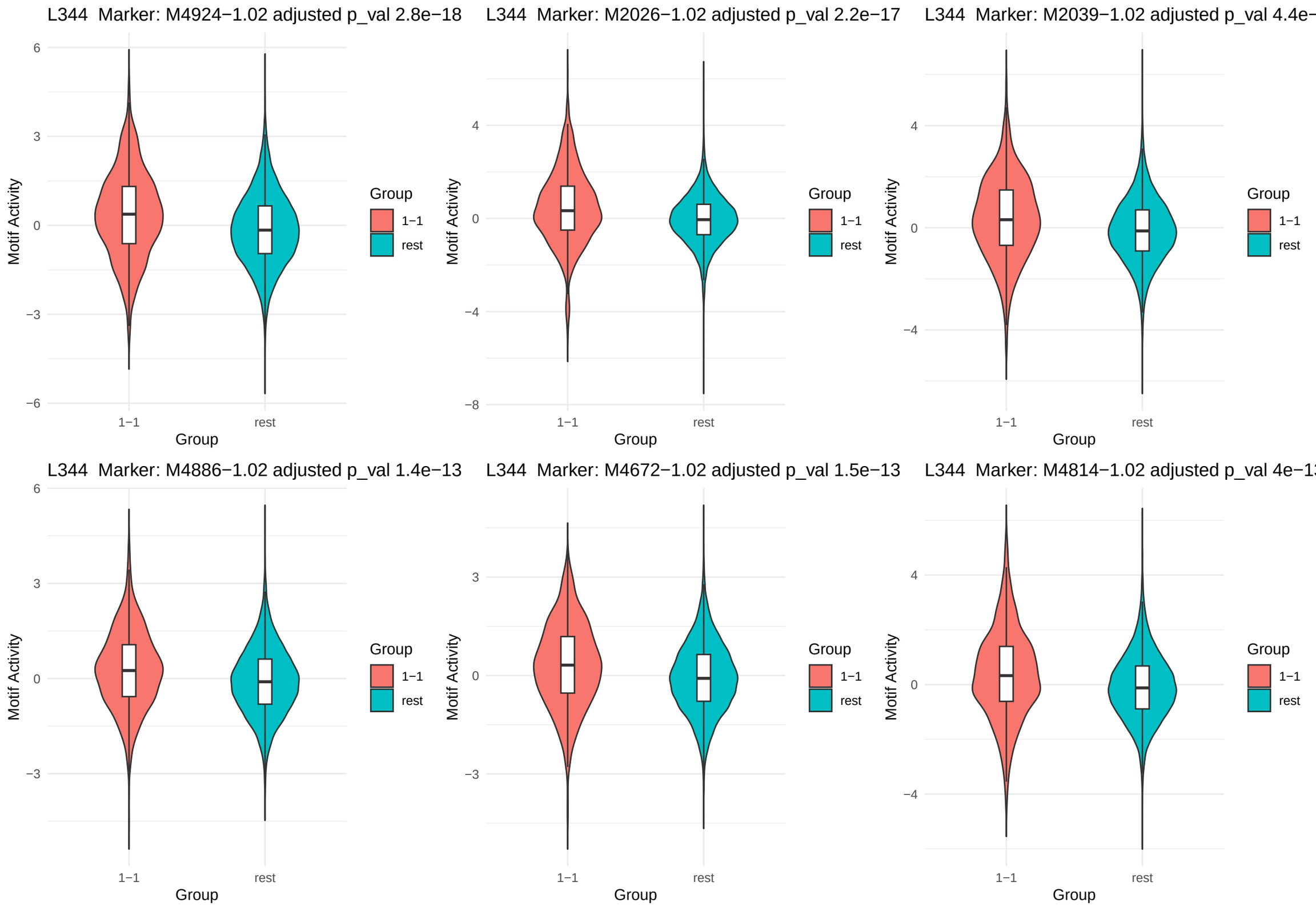

L339 Marker: M2026−1.02 adjusted p_val 1.9e−12
L339 Marker: M4672−1.02 adjusted p_val 2.3e−09
L339 Marker: M2043−1.02 adjusted p_val 3.5e−
L339 Marker: M5040−1.02 adjusted p_val 5.8e−09
L339 Marker: M4811−1.02 adjusted p_val 1.9e−08
L339 Marker: M4904−1.02 adjusted p_val 1.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

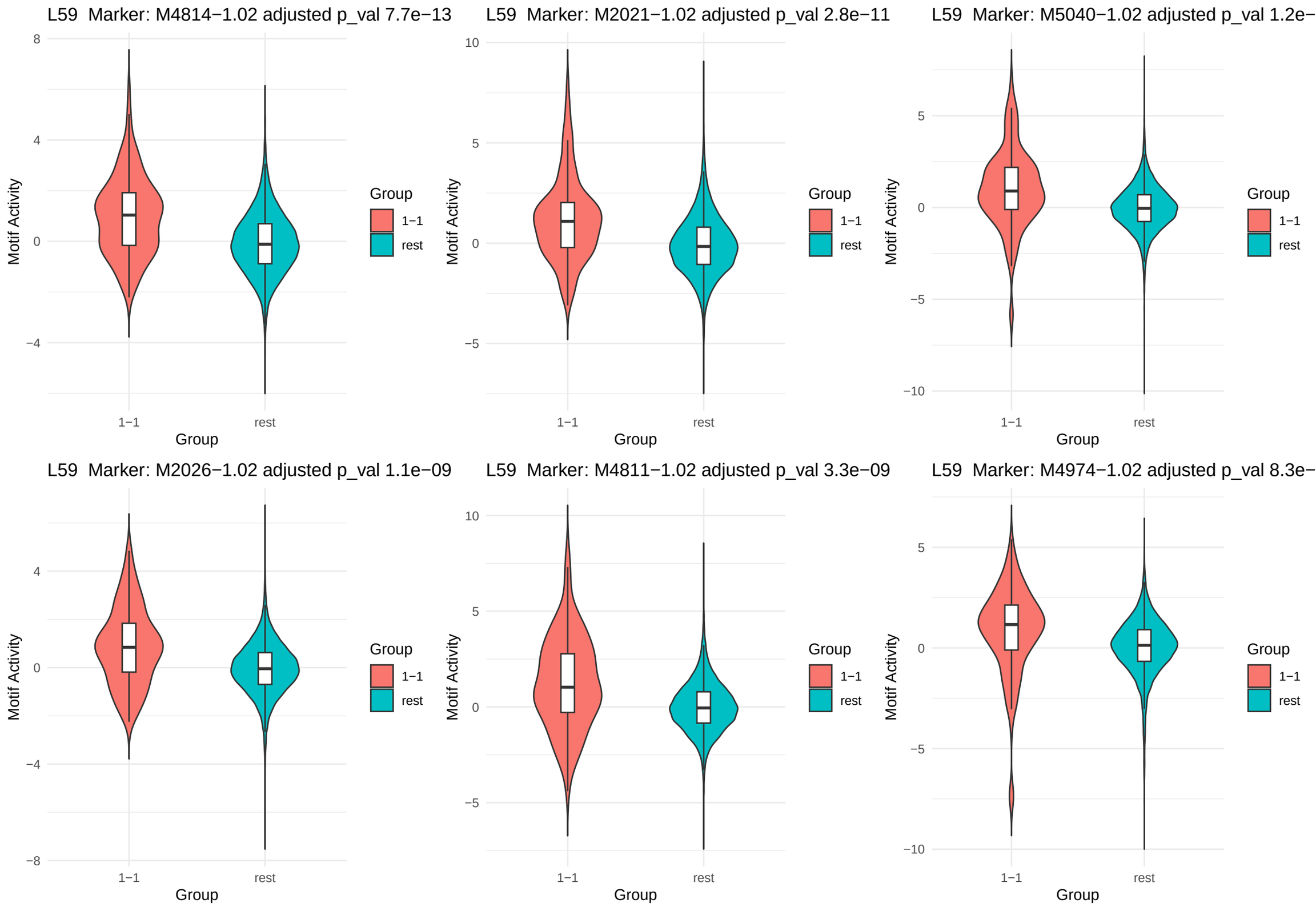

L340 Marker: M4899−1.02 adjusted p_val 6.4e−49
L340 Marker: M0736−1.02 adjusted p_val 2e−43
L340 Marker: M5199−1.02 adjusted p_val 2e−4
L340 Marker: M4830−1.02 adjusted p_val 5.1e−41
L340 Marker: M0740−1.02 adjusted p_val 3.5e−33
L340 Marker: M0723−1.02 adjusted p_val 1.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

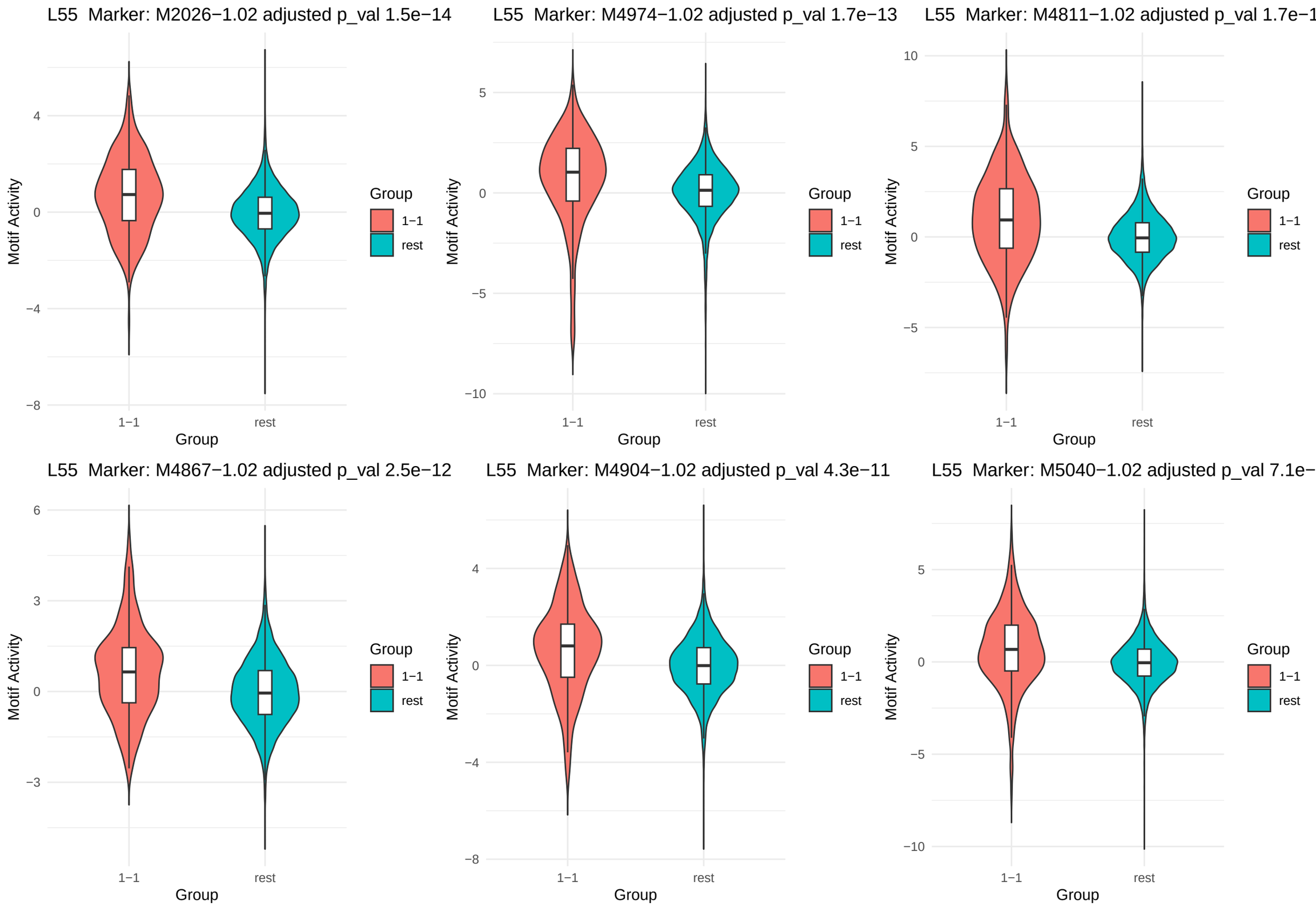

L341 Marker: M2026−1.02 adjusted p_val 2.7e−22
L341 Marker: M2039−1.02 adjusted p_val 1.1e−18
L341 Marker: M1913−1.02 adjusted p_val 1.3e
L341 Marker: M4745−1.02 adjusted p_val 3e−14
L341 Marker: M5064−1.02 adjusted p_val 3e−14
L341 Marker: M5273−1.02 adjusted p_val 3e−14
Motif Activity
Group
1−1
rest
Group
1−1
rest

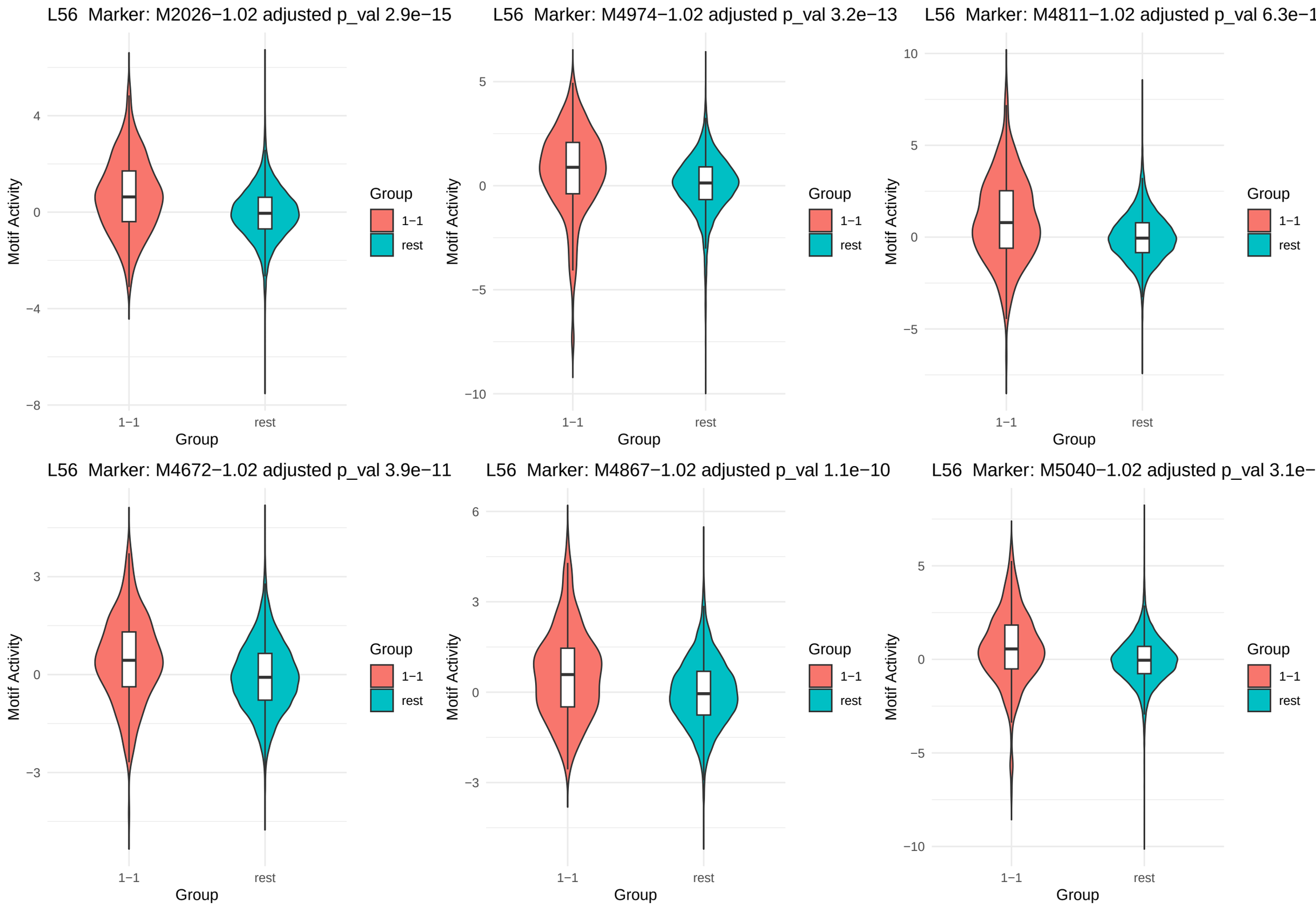

L342 Marker: M2026−1.02 adjusted p_val 8.8e−13
L342 Marker: M4924−1.02 adjusted p_val 3.4e−09
L342 Marker: M4904−1.02 adjusted p_val 1.1e−
L342 Marker: M4672−1.02 adjusted p_val 1.2e−07
L342 Marker: M4814−1.02 adjusted p_val 3.9e−07
L342 Marker: M5040−1.02 adjusted p_val 7.5e
Motif Activity
Group
1−1
rest
Group
1−1
rest

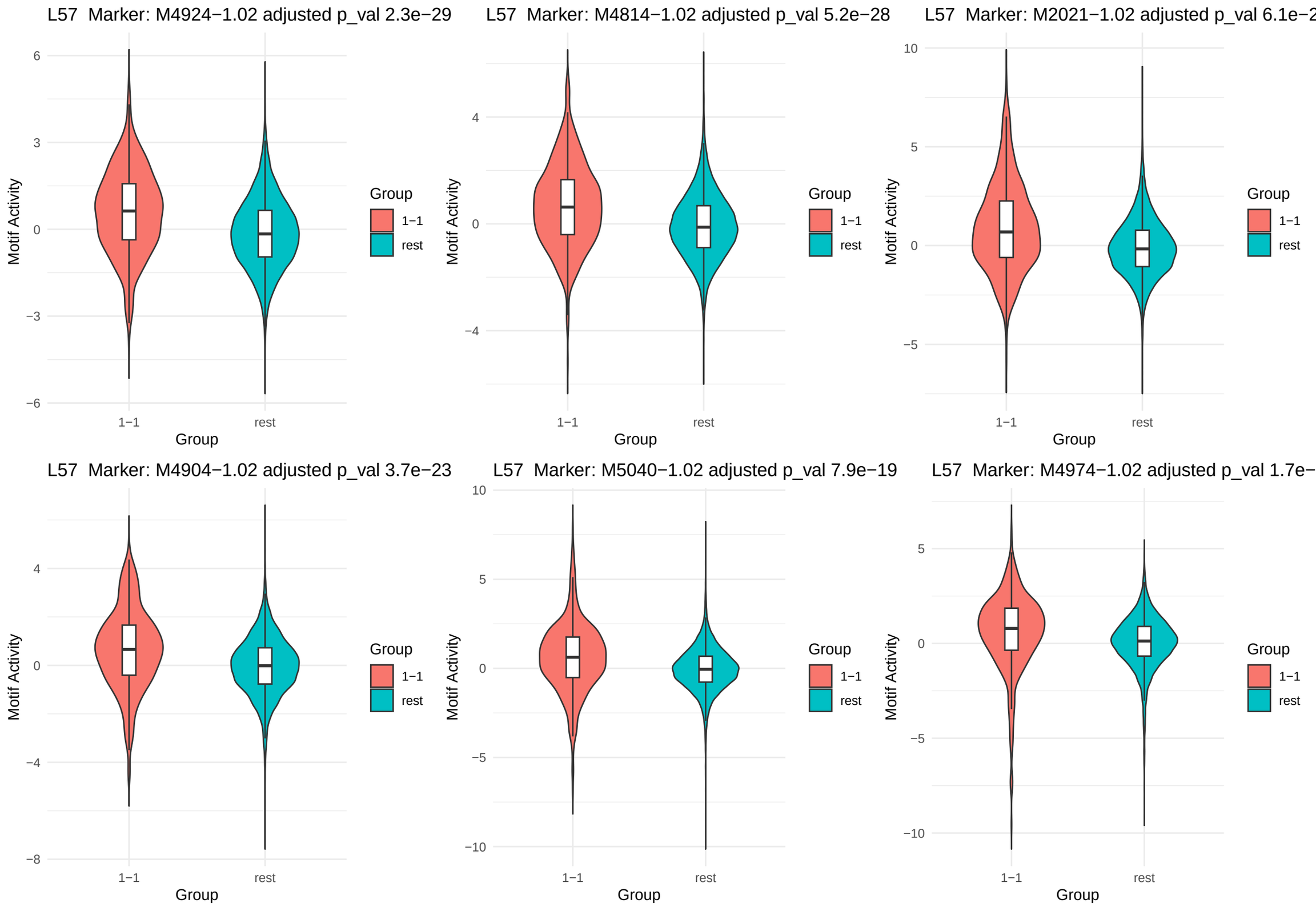

L343 Marker: M4811−1.02 adjusted p_val 7.8e−24
L343 Marker: M4974−1.02 adjusted p_val 7.6e−23
L343 Marker: M4672−1.02 adjusted p_val 7.9e
L343 Marker: M2026−1.02 adjusted p_val 1.7e−20
L343 Marker: M4867−1.02 adjusted p_val 6.4e−20
L343 Marker: M5097−1.02 adjusted p_val 6.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

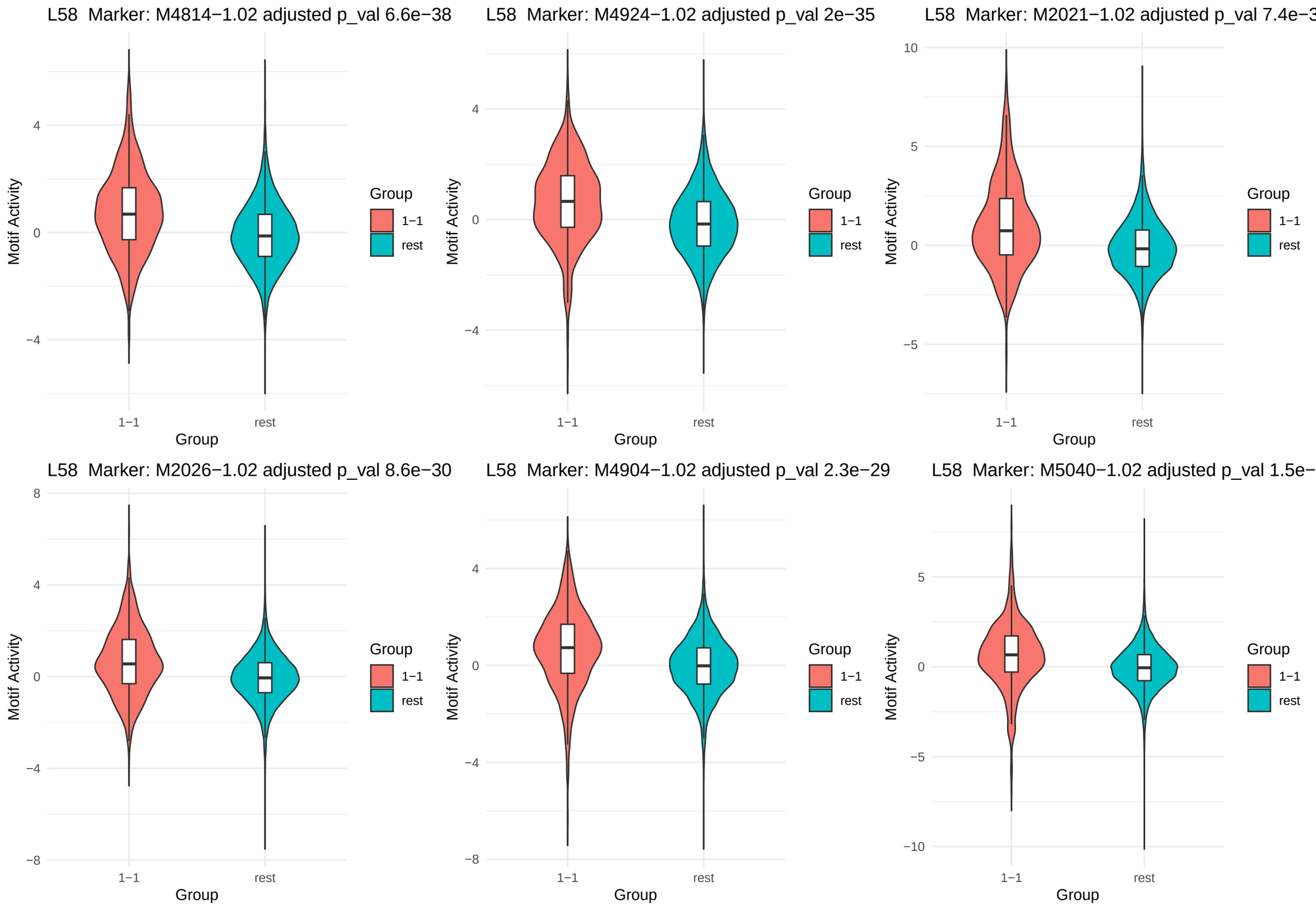

L344 Marker: M4924−1.02 adjusted p_val 2.8e−18
L344 Marker: M2026−1.02 adjusted p_val 2.2e−17
L344 Marker: M2039−1.02 adjusted p_val 4.4e−
L344 Marker: M4886−1.02 adjusted p_val 1.4e−13
L344 Marker: M4672−1.02 adjusted p_val 1.5e−13
L344 Marker: M4814−1.02 adjusted p_val 4e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

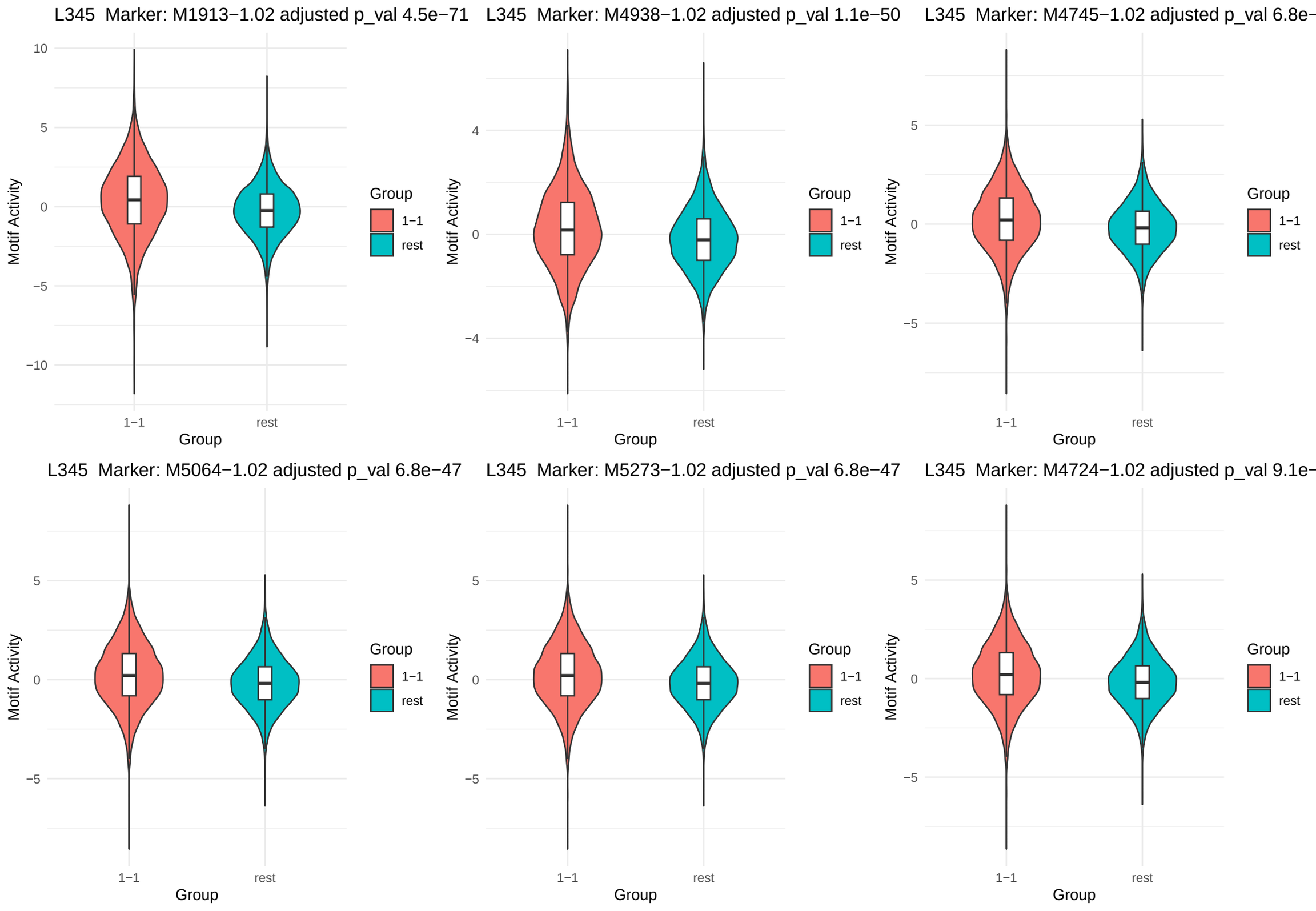

L59 Marker: M4814−1.02 adjusted p_val 7.7e−13
L59 Marker: M2021−1.02 adjusted p_val 2.8e−11
L59 Marker: M5040−1.02 adjusted p_val 1.2e−
L59 Marker: M2026−1.02 adjusted p_val 1.1e−09
L59 Marker: M4811−1.02 adjusted p_val 3.3e−09
L59 Marker: M4974−1.02 adjusted p_val 8.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

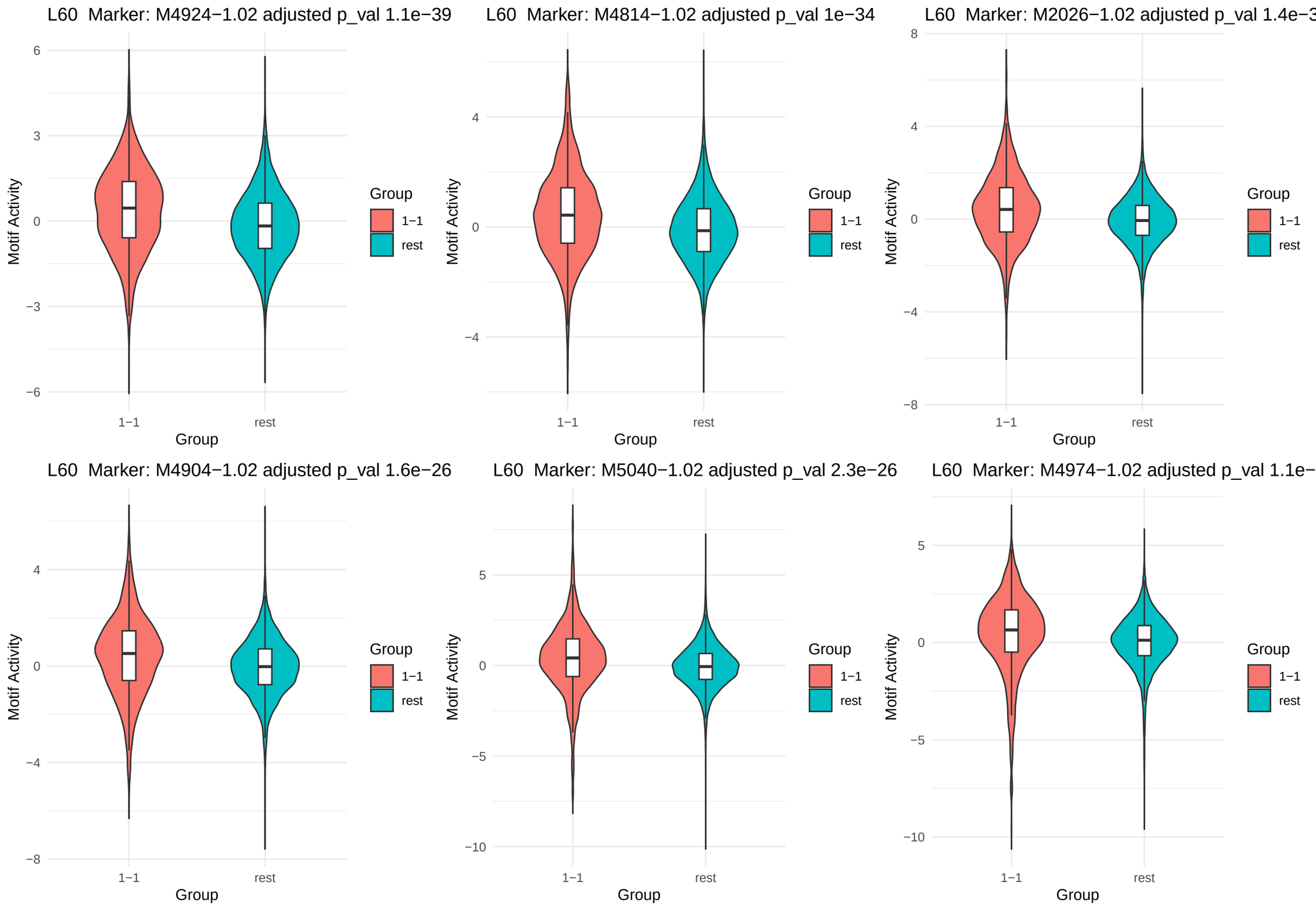

L55 Marker: M2026−1.02 adjusted p_val 1.5e−14
L55 Marker: M4974−1.02 adjusted p_val 1.7e−13
L55 Marker: M4811−1.02 adjusted p_val 1.7e−1
L55 Marker: M4867−1.02 adjusted p_val 2.5e−12
L55 Marker: M4904−1.02 adjusted p_val 4.3e−11
L55 Marker: M5040−1.02 adjusted p_val 7.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

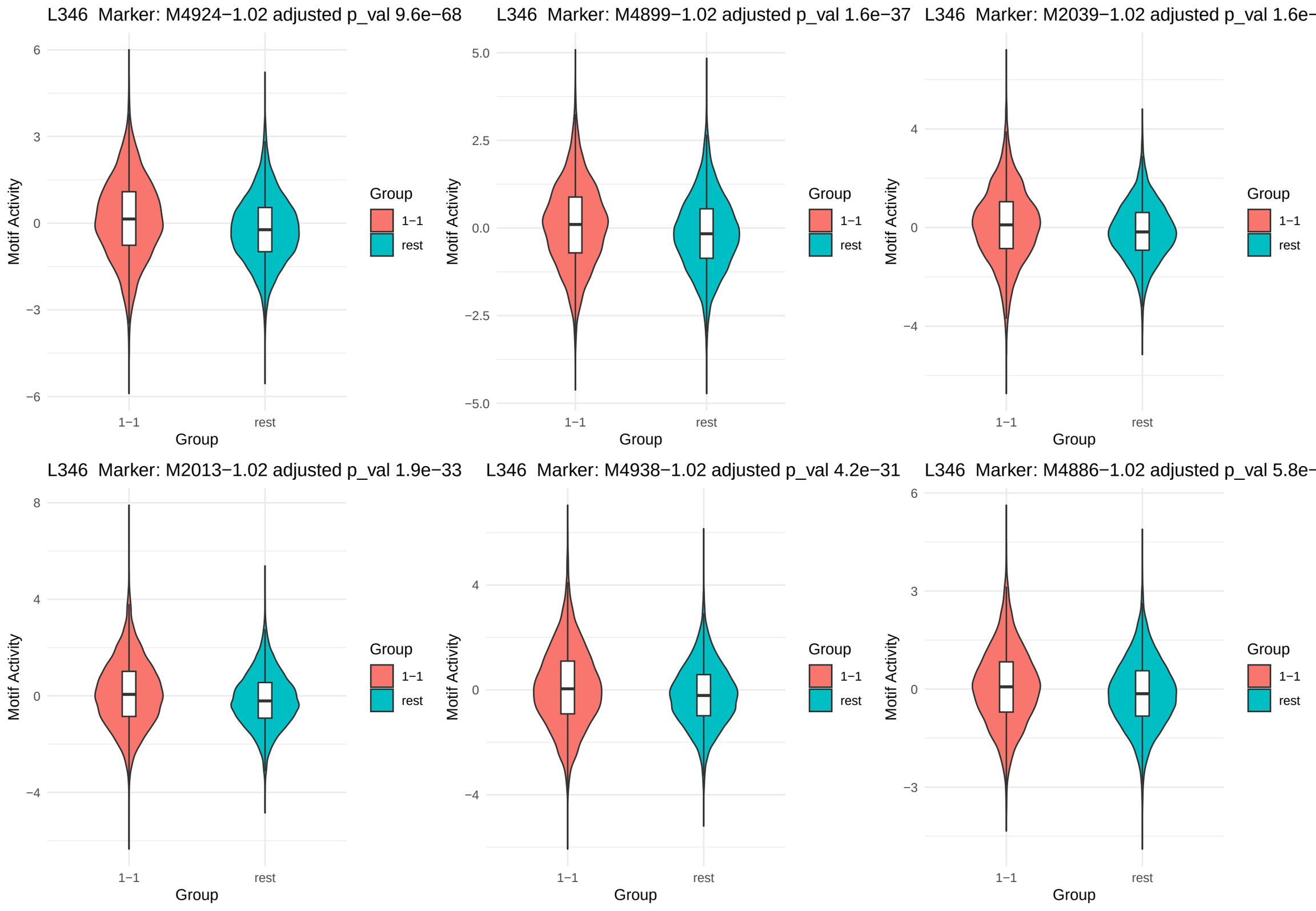

L56 Marker: M2026−1.02 adjusted p_val 2.9e−15
L56 Marker: M4974−1.02 adjusted p_val 3.2e−13
L56 Marker: M4811−1.02 adjusted p_val 6.3e−1
L56 Marker: M4672−1.02 adjusted p_val 3.9e−11
L56 Marker: M4867−1.02 adjusted p_val 1.1e−10
L56 Marker: M5040−1.02 adjusted p_val 3.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

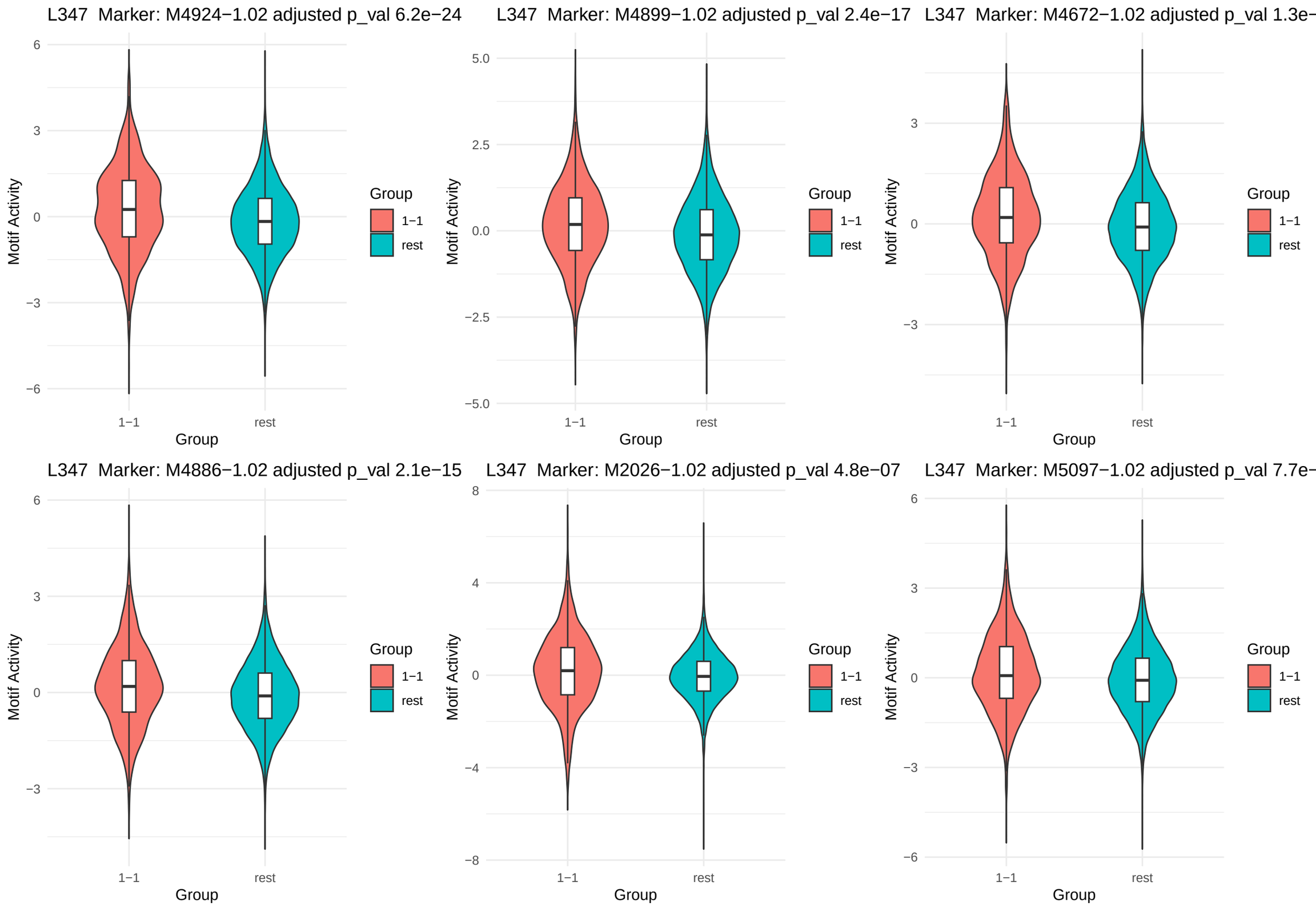

L57 Marker: M4924−1.02 adjusted p_val 2.3e−29
L57 Marker: M4814−1.02 adjusted p_val 5.2e−28
L57 Marker: M2021−1.02 adjusted p_val 6.1e−2
L57 Marker: M4904−1.02 adjusted p_val 3.7e−23
L57 Marker: M5040−1.02 adjusted p_val 7.9e−19
L57 Marker: M4974−1.02 adjusted p_val 1.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

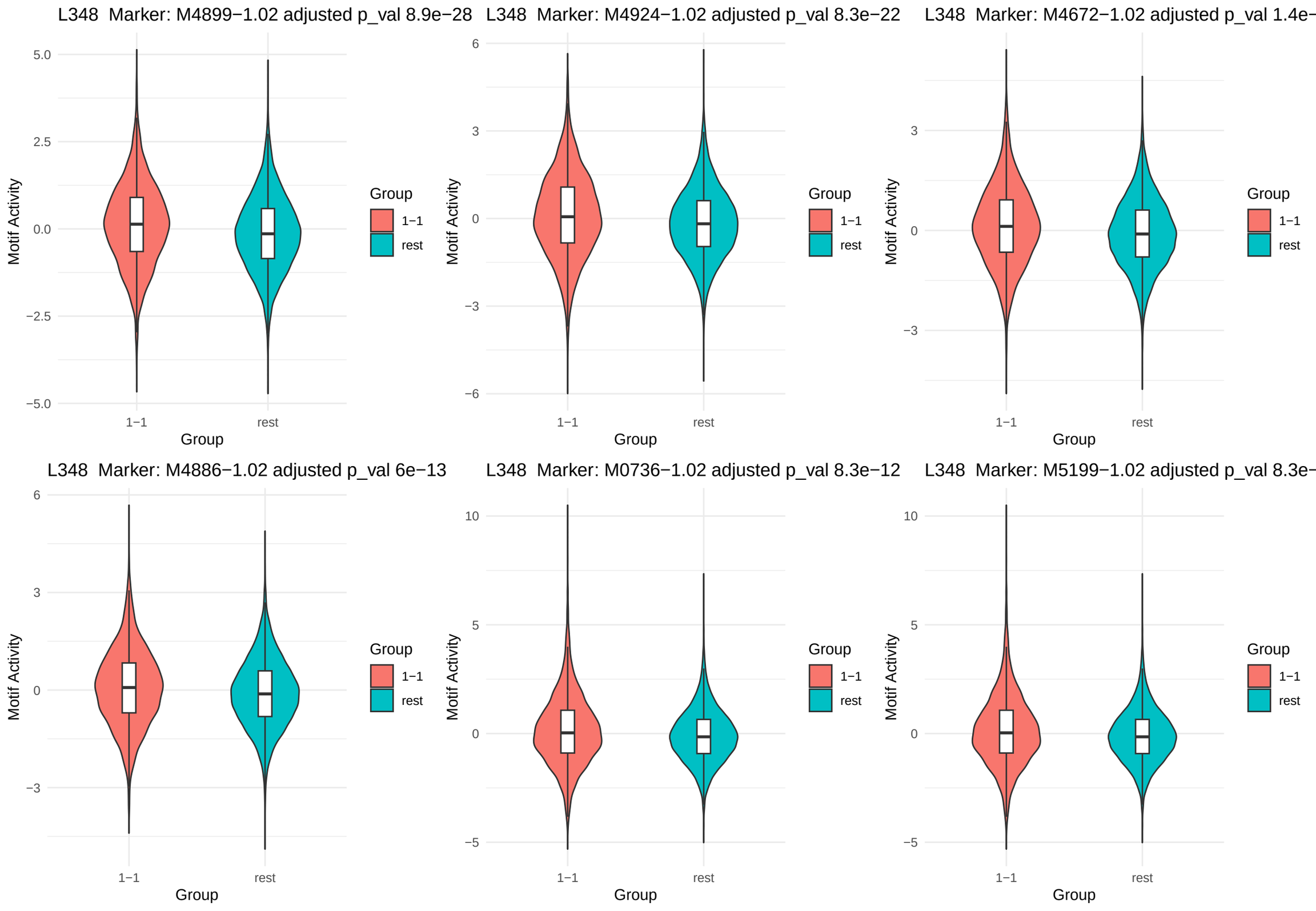

L58 Marker: M4814−1.02 adjusted p_val 6.6e−38
L58 Marker: M4924−1.02 adjusted p_val 2e−35
L58 Marker: M2021−1.02 adjusted p_val 7.4e−3
L58 Marker: M2026−1.02 adjusted p_val 8.6e−30
L58 Marker: M4904−1.02 adjusted p_val 2.3e−29
L58 Marker: M5040−1.02 adjusted p_val 1.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

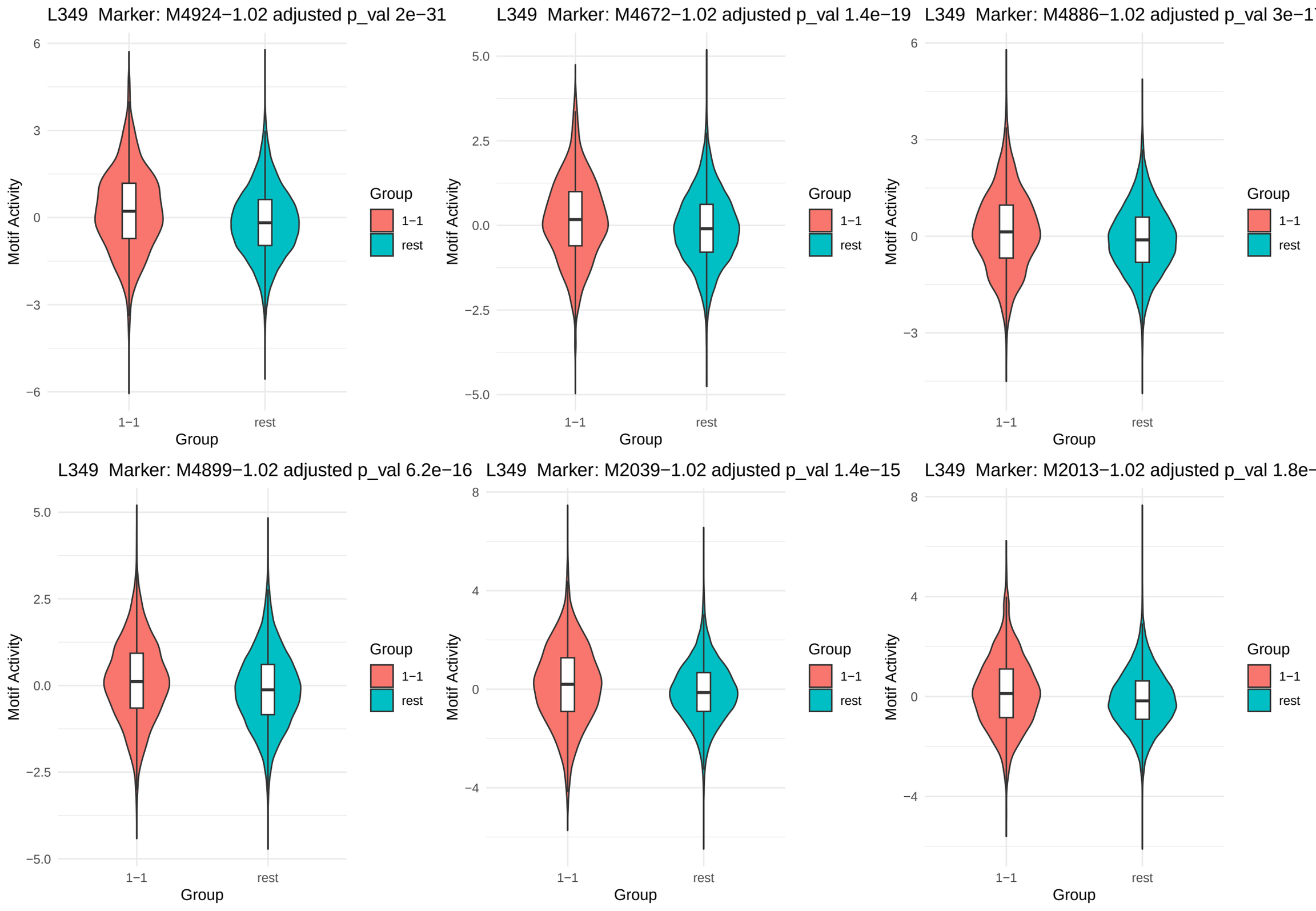

L345 Marker: M1913−1.02 adjusted p_val 4.5e−71
L345 Marker: M4938−1.02 adjusted p_val 1.1e−50
L345 Marker: M4745−1.02 adjusted p_val 6.8e−
L345 Marker: M5064−1.02 adjusted p_val 6.8e−47
L345 Marker: M5273−1.02 adjusted p_val 6.8e−47
L345 Marker: M4724−1.02 adjusted p_val 9.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

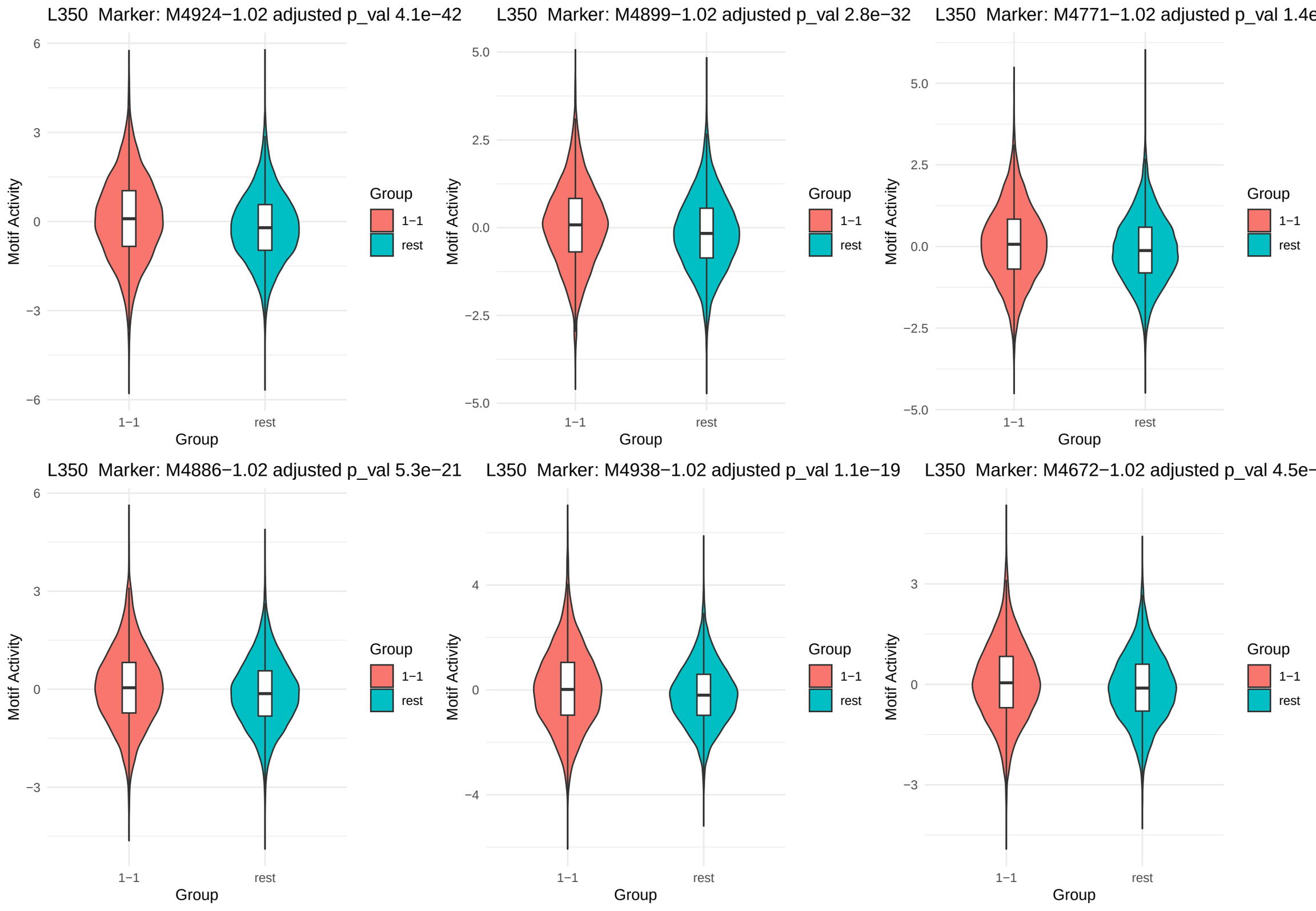

L60 Marker: M4924−1.02 adjusted p_val 1.1e−39
L60 Marker: M4814−1.02 adjusted p_val 1e−34
L60 Marker: M2026−1.02 adjusted p_val 1.4e−3
L60 Marker: M4904−1.02 adjusted p_val 1.6e−26
L60 Marker: M5040−1.02 adjusted p_val 2.3e−26
L60 Marker: M4974−1.02 adjusted p_val 1.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

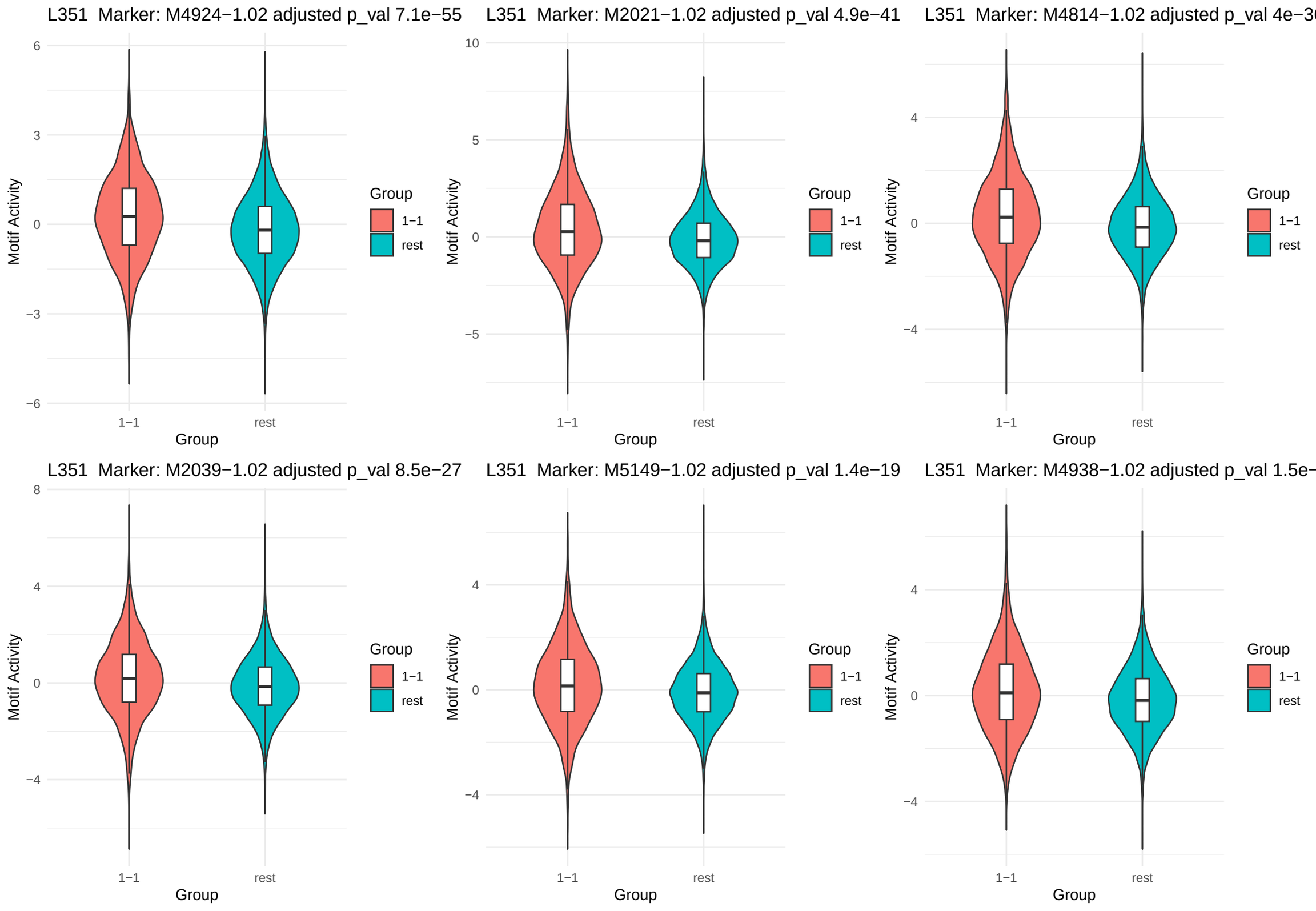

L346 Marker: M4924−1.02 adjusted p_val 9.6e−68
L346 Marker: M4899−1.02 adjusted p_val 1.6e−37
L346 Marker: M2039−1.02 adjusted p_val 1.6e−
L346 Marker: M2013−1.02 adjusted p_val 1.9e−33
L346 Marker: M4938−1.02 adjusted p_val 4.2e−31
L346 Marker: M4886−1.02 adjusted p_val 5.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

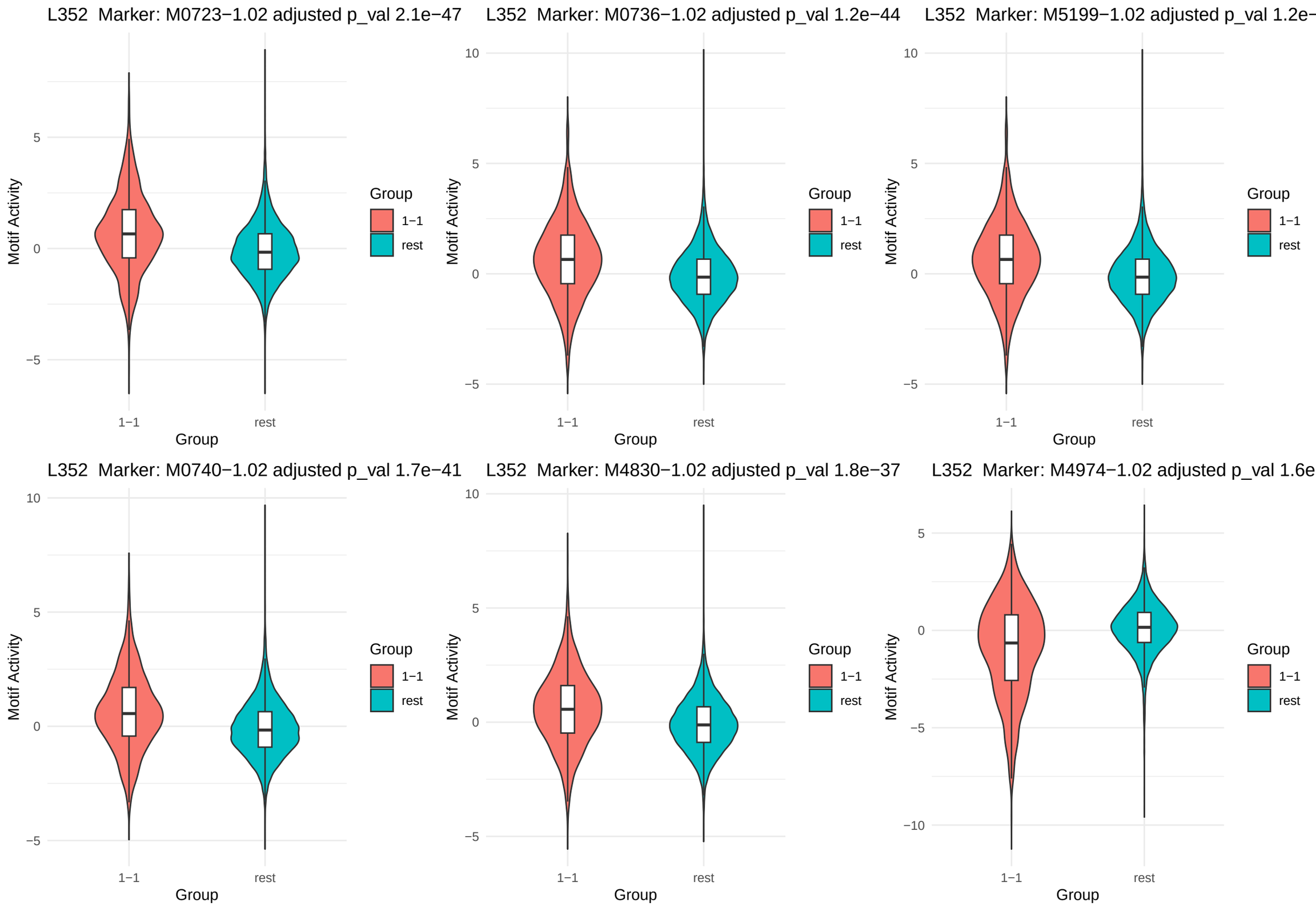

L347 Marker: M4924−1.02 adjusted p_val 6.2e−24
L347 Marker: M4899−1.02 adjusted p_val 2.4e−17
L347 Marker: M4672−1.02 adjusted p_val 1.3e−
L347 Marker: M4886−1.02 adjusted p_val 2.1e−15
L347 Marker: M2026−1.02 adjusted p_val 4.8e−07
L347 Marker: M5097−1.02 adjusted p_val 7.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

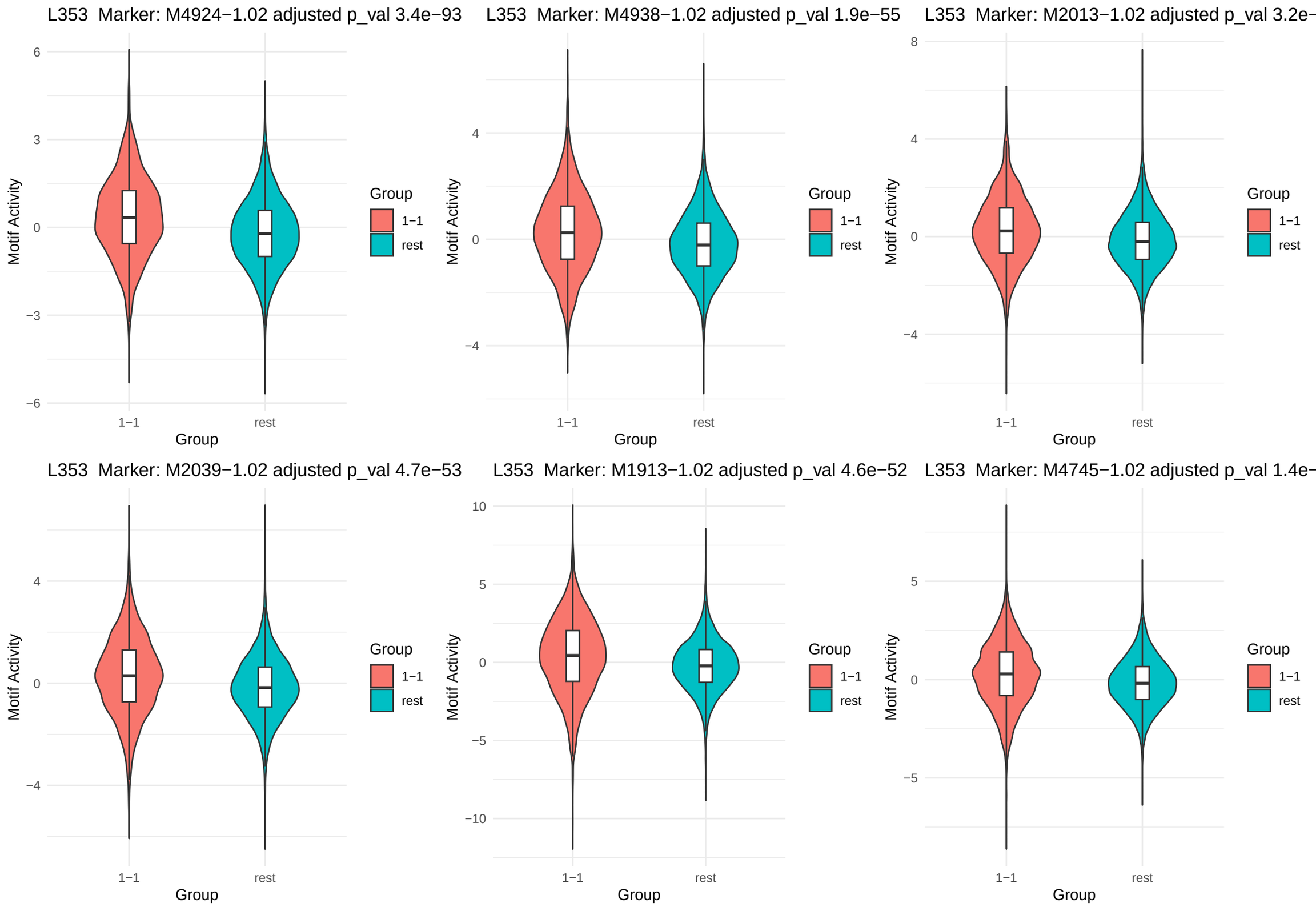

L348 Marker: M4899−1.02 adjusted p_val 8.9e−28
L348 Marker: M4924−1.02 adjusted p_val 8.3e−22
L348 Marker: M4672−1.02 adjusted p_val 1.4e−
L348 Marker: M4886−1.02 adjusted p_val 6e−13
L348 Marker: M0736−1.02 adjusted p_val 8.3e−12
L348 Marker: M5199−1.02 adjusted p_val 8.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

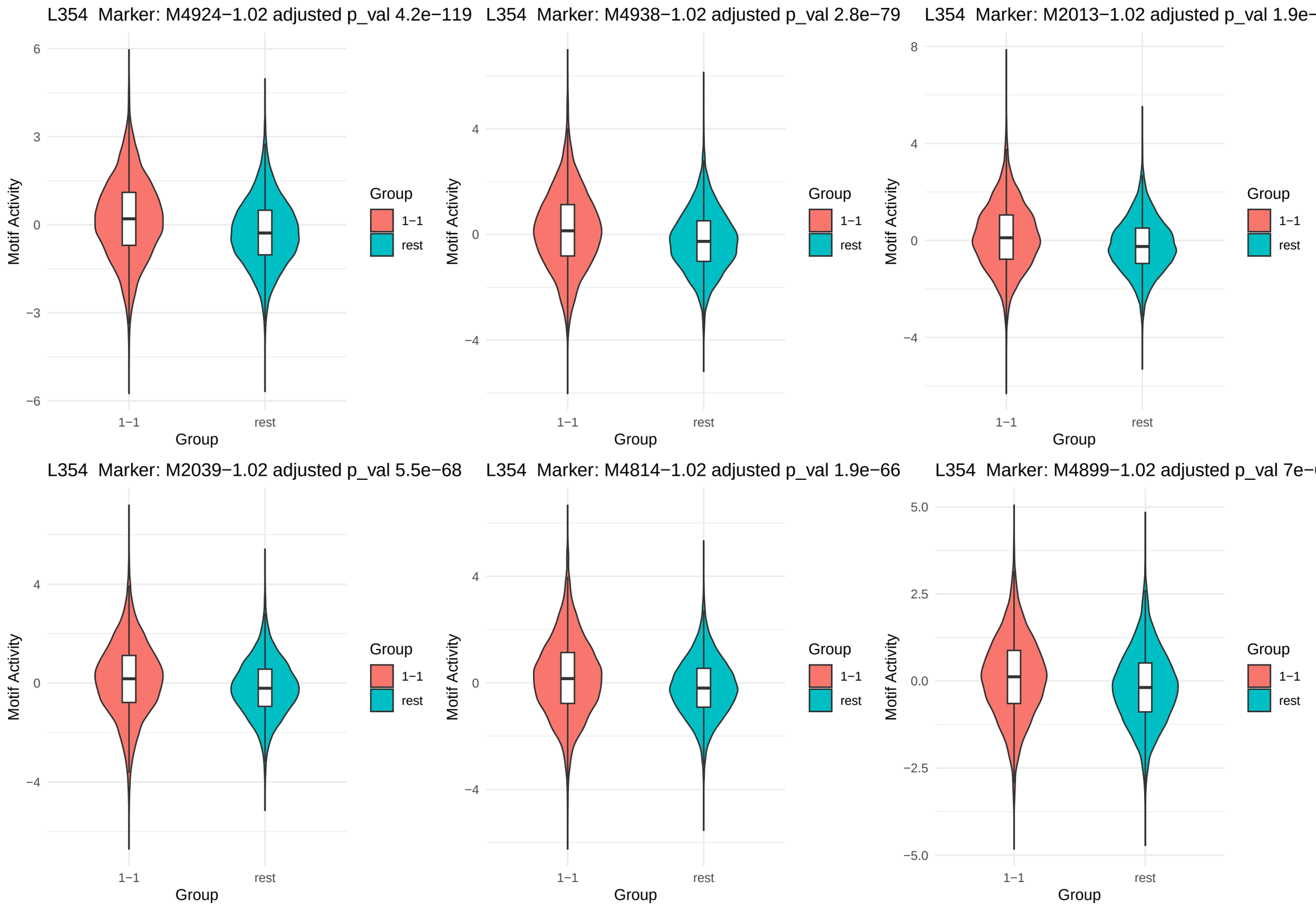

L349 Marker: M4924−1.02 adjusted p_val 2e−31
L349 Marker: M4672−1.02 adjusted p_val 1.4e−19
L349 Marker: M4886−1.02 adjusted p_val 3e−1
L349 Marker: M4899−1.02 adjusted p_val 6.2e−16
L349 Marker: M2039−1.02 adjusted p_val 1.4e−15
L349 Marker: M2013−1.02 adjusted p_val 1.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

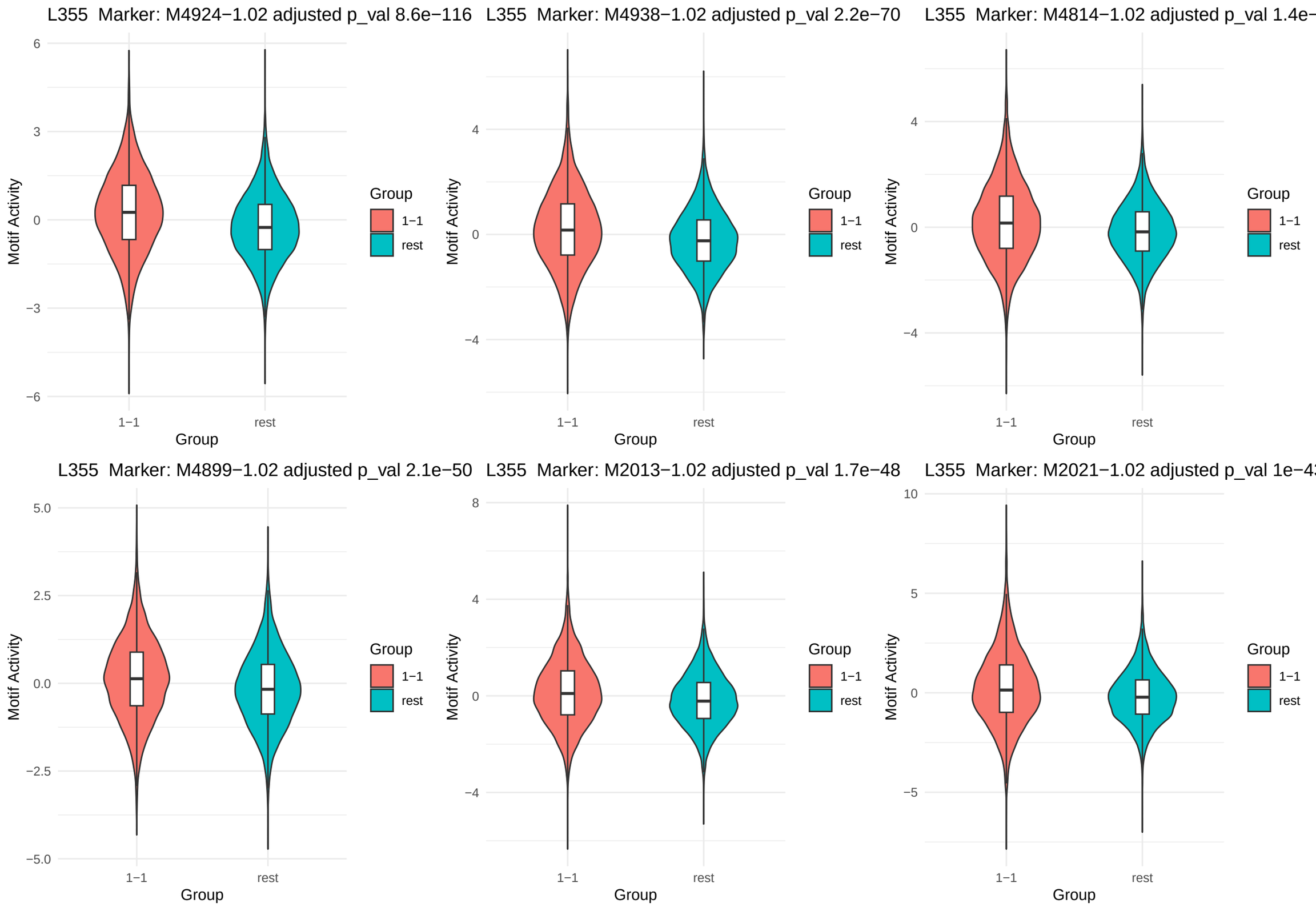

L350 Marker: M4924−1.02 adjusted p_val 4.1e−42
L350 Marker: M4899−1.02 adjusted p_val 2.8e−32
L350 Marker: M4771−1.02 adjusted p_val 1.4e
L350 Marker: M4886−1.02 adjusted p_val 5.3e−21
L350 Marker: M4938−1.02 adjusted p_val 1.1e−19
L350 Marker: M4672−1.02 adjusted p_val 4.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

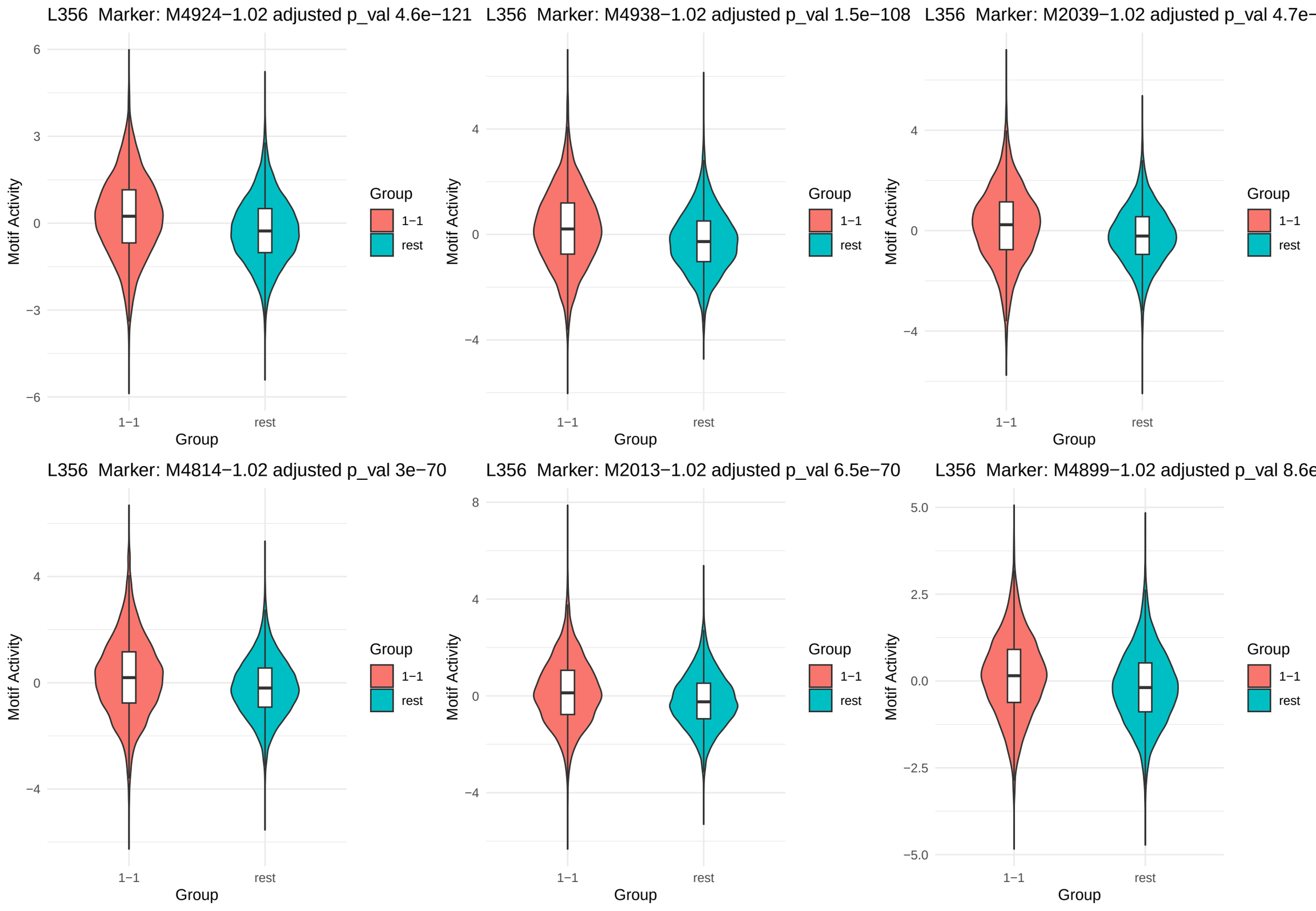

L351 Marker: M4924−1.02 adjusted p_val 7.1e−55
L351 Marker: M2021−1.02 adjusted p_val 4.9e−41
L351 Marker: M4814−1.02 adjusted p_val 4e−3
L351 Marker: M2039−1.02 adjusted p_val 8.5e−27
L351 Marker: M5149−1.02 adjusted p_val 1.4e−19
L351 Marker: M4938−1.02 adjusted p_val 1.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

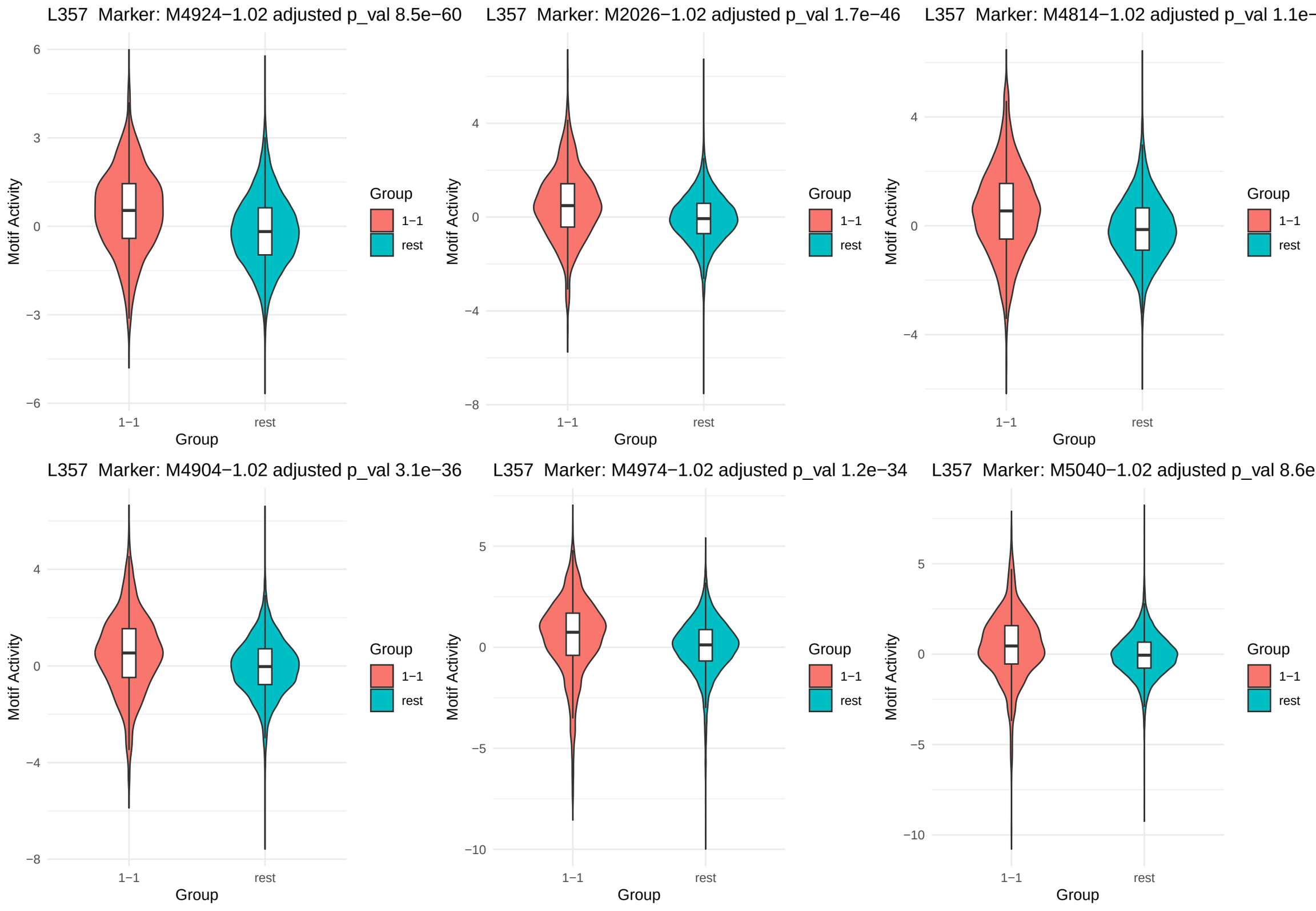

L352 Marker: M0723−1.02 adjusted p_val 2.1e−47
L352 Marker: M0736−1.02 adjusted p_val 1.2e−44
L352 Marker: M5199−1.02 adjusted p_val 1.2e−
L352 Marker: M0740−1.02 adjusted p_val 1.7e−41
L352 Marker: M4830−1.02 adjusted p_val 1.8e−37
L352 Marker: M4974−1.02 adjusted p_val 1.6e
Motif Activity
Group
1−1
rest
Group
1−1
rest

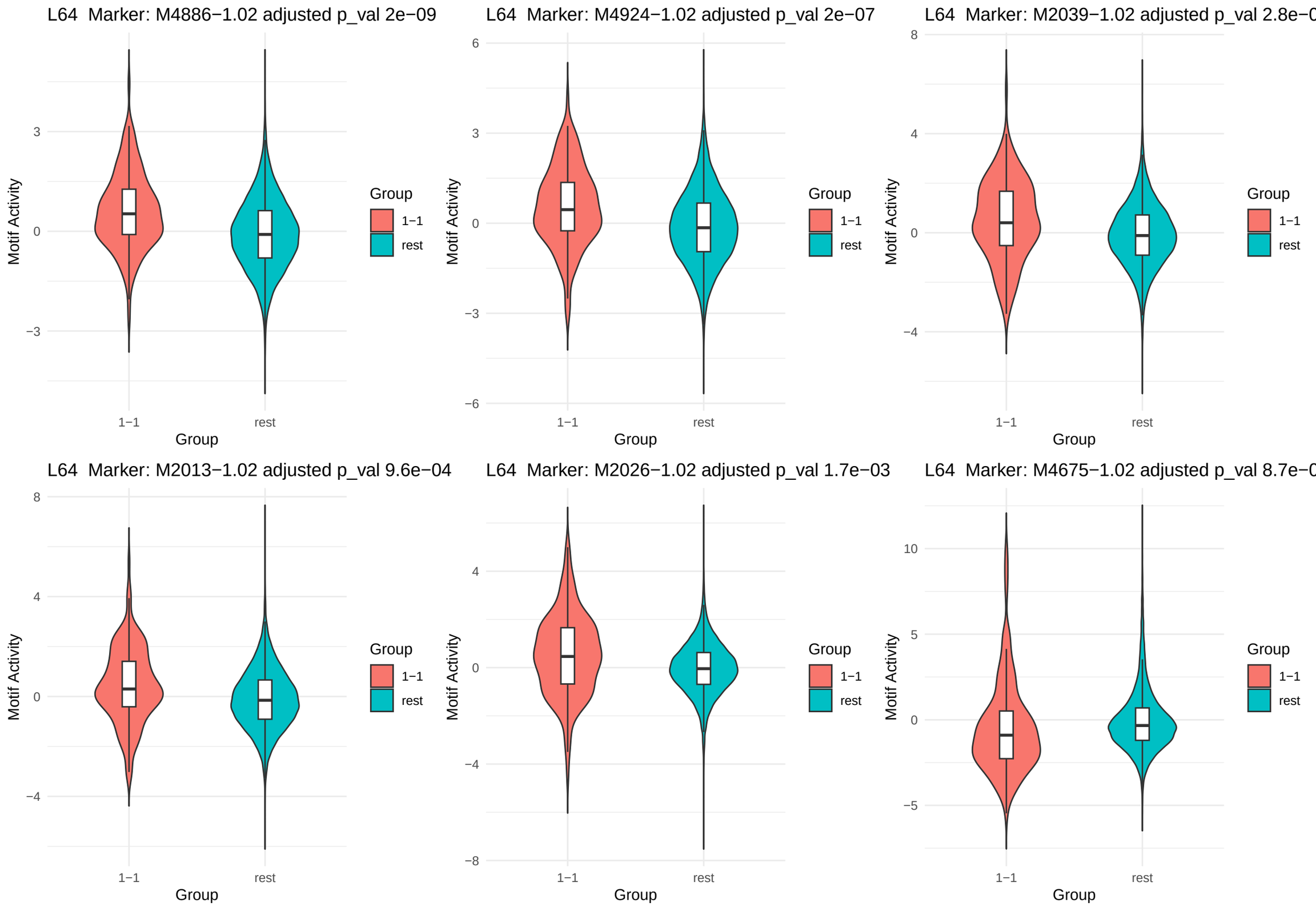

L353 Marker: M4924−1.02 adjusted p_val 3.4e−93
L353 Marker: M4938−1.02 adjusted p_val 1.9e−55
L353 Marker: M2013−1.02 adjusted p_val 3.2e−
L353 Marker: M2039−1.02 adjusted p_val 4.7e−53
L353 Marker: M1913−1.02 adjusted p_val 4.6e−52
L353 Marker: M4745−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

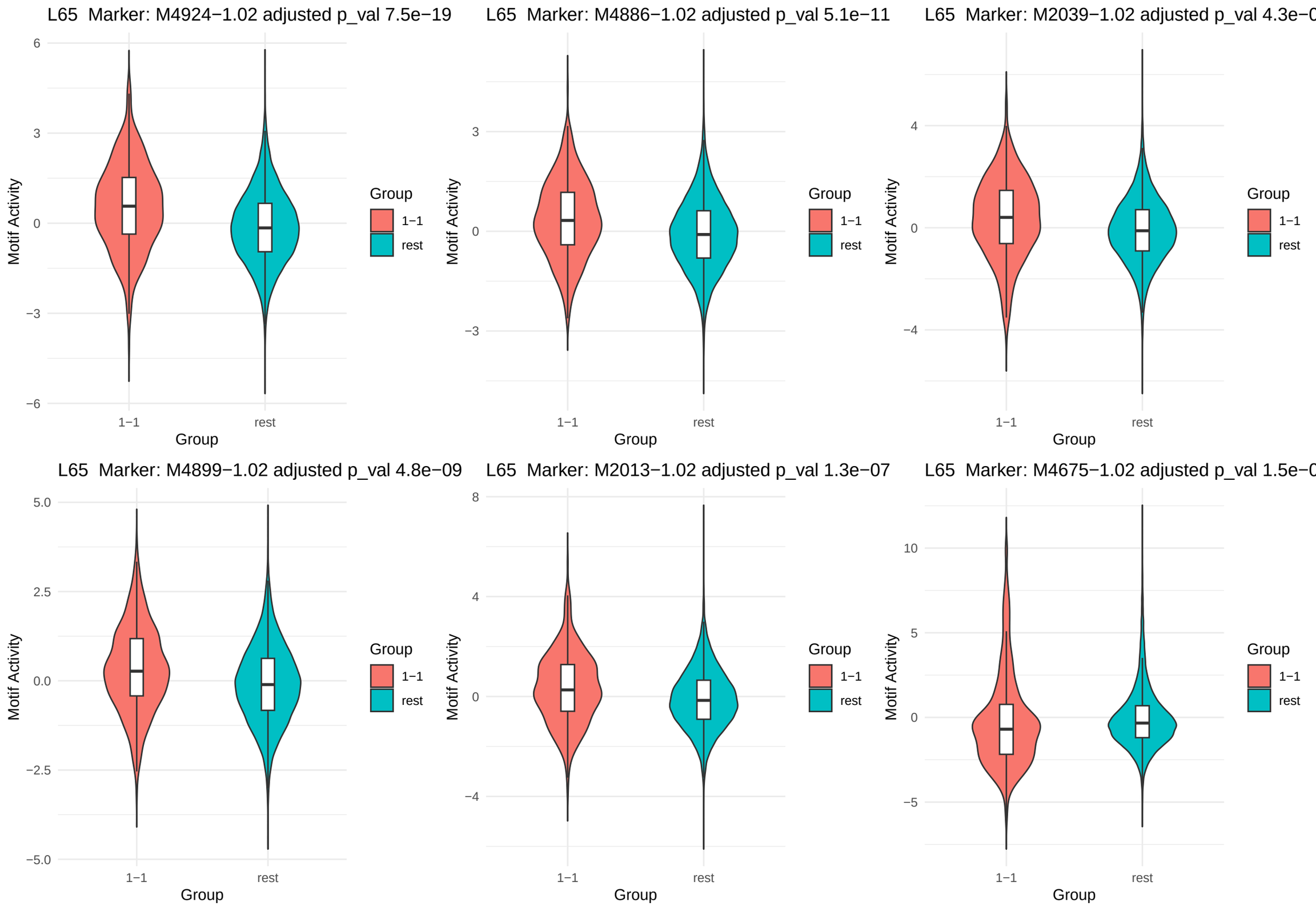

L354 Marker: M4924−1.02 adjusted p_val 4.2e−119
L354 Marker: M4938−1.02 adjusted p_val 2.8e−79
L354 Marker: M2013−1.02 adjusted p_val 1.9e−
L354 Marker: M2039−1.02 adjusted p_val 5.5e−68
L354 Marker: M4814−1.02 adjusted p_val 1.9e−66
L354 Marker: M4899−1.02 adjusted p_val 7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

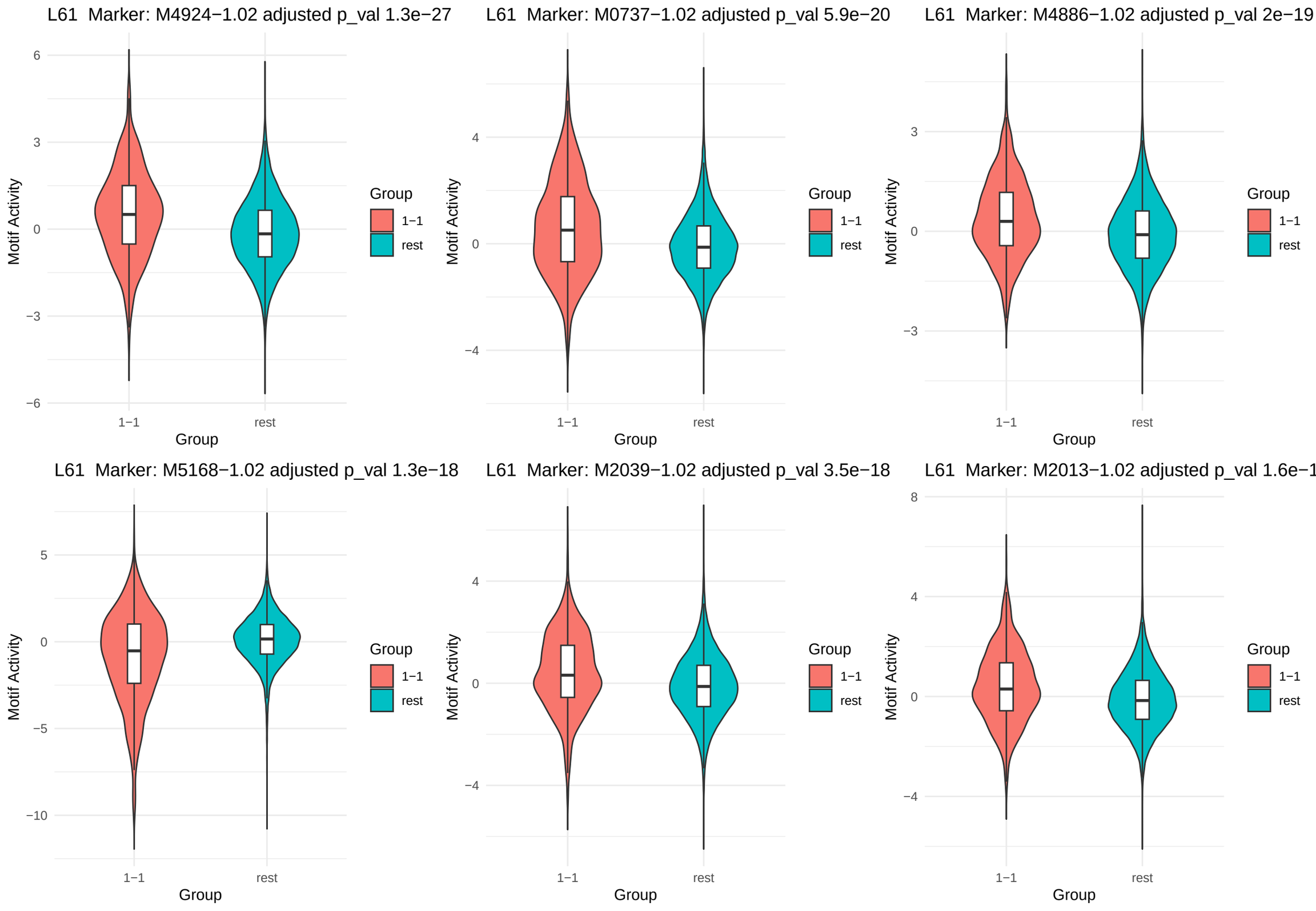

L355 Marker: M4924−1.02 adjusted p_val 8.6e−116
L355 Marker: M4938−1.02 adjusted p_val 2.2e−70
L355 Marker: M4814−1.02 adjusted p_val 1.4e−
L355 Marker: M4899−1.02 adjusted p_val 2.1e−50
L355 Marker: M2013−1.02 adjusted p_val 1.7e−48
L355 Marker: M2021−1.02 adjusted p_val 1e−4
Motif Activity
Group
1−1
rest
Group
1−1
rest

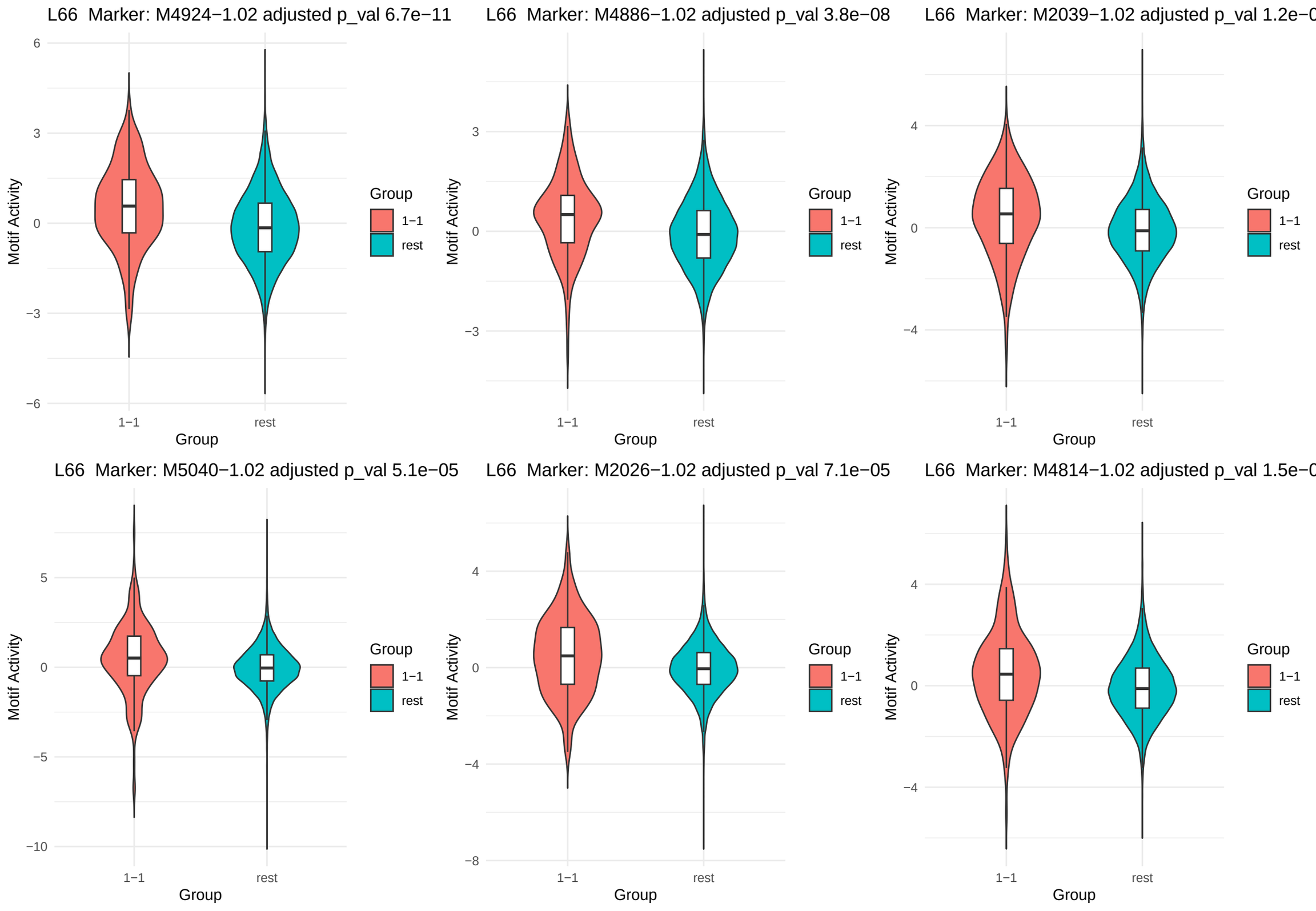

L356 Marker: M4924−1.02 adjusted p_val 4.6e−121
L356 Marker: M4938−1.02 adjusted p_val 1.5e−108
L356 Marker: M2039−1.02 adjusted p_val 4.7e−
L356 Marker: M4814−1.02 adjusted p_val 3e−70
L356 Marker: M2013−1.02 adjusted p_val 6.5e−70
L356 Marker: M4899−1.02 adjusted p_val 8.6e
Motif Activity
Group
1−1
rest
Group
1−1
rest

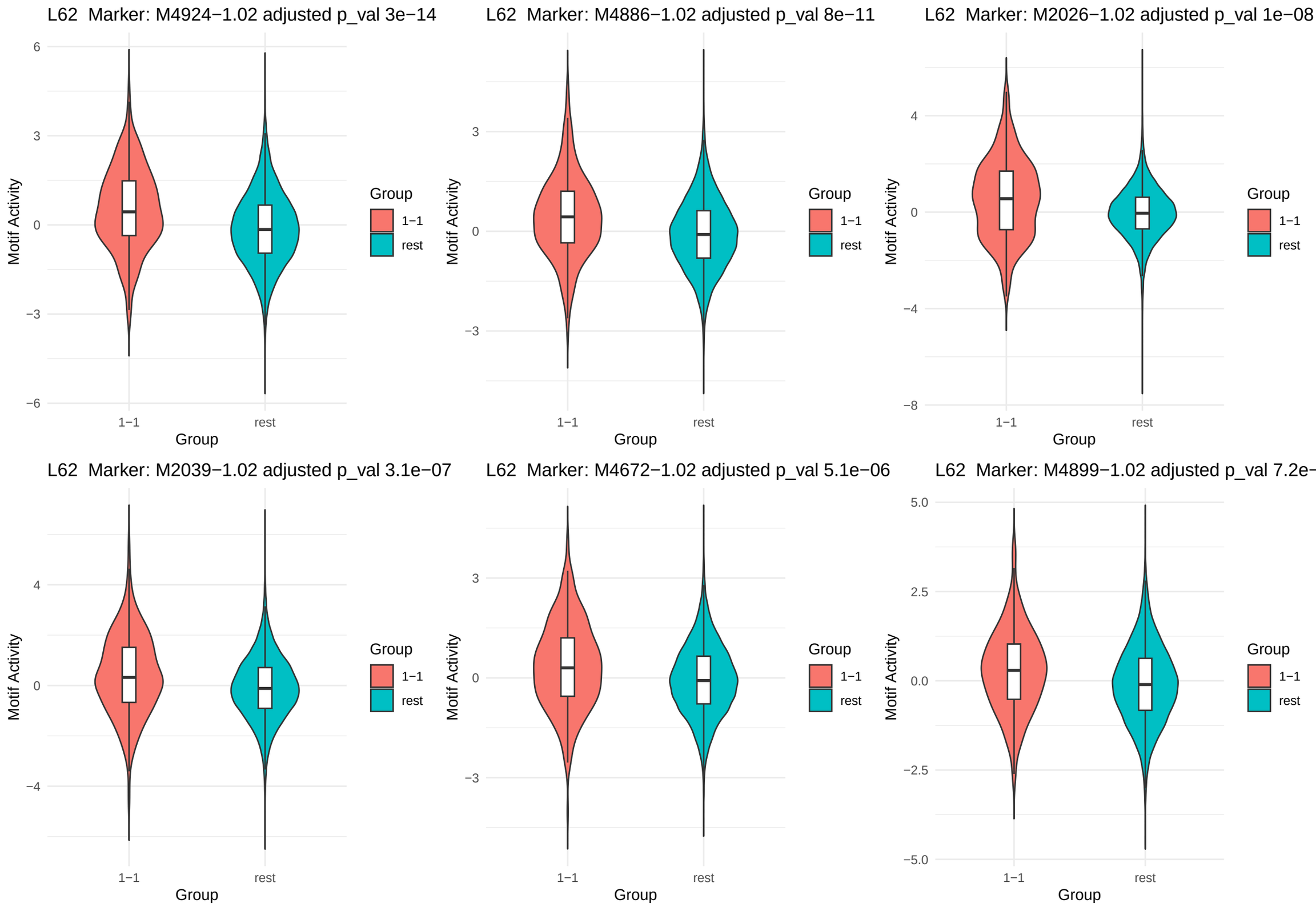

L357 Marker: M4924−1.02 adjusted p_val 8.5e−60
L357 Marker: M2026−1.02 adjusted p_val 1.7e−46
L357 Marker: M4814−1.02 adjusted p_val 1.1e−
L357 Marker: M4904−1.02 adjusted p_val 3.1e−36
L357 Marker: M4974−1.02 adjusted p_val 1.2e−34
L357 Marker: M5040−1.02 adjusted p_val 8.6e
Motif Activity
Group
1−1
rest
Group
1−1
rest

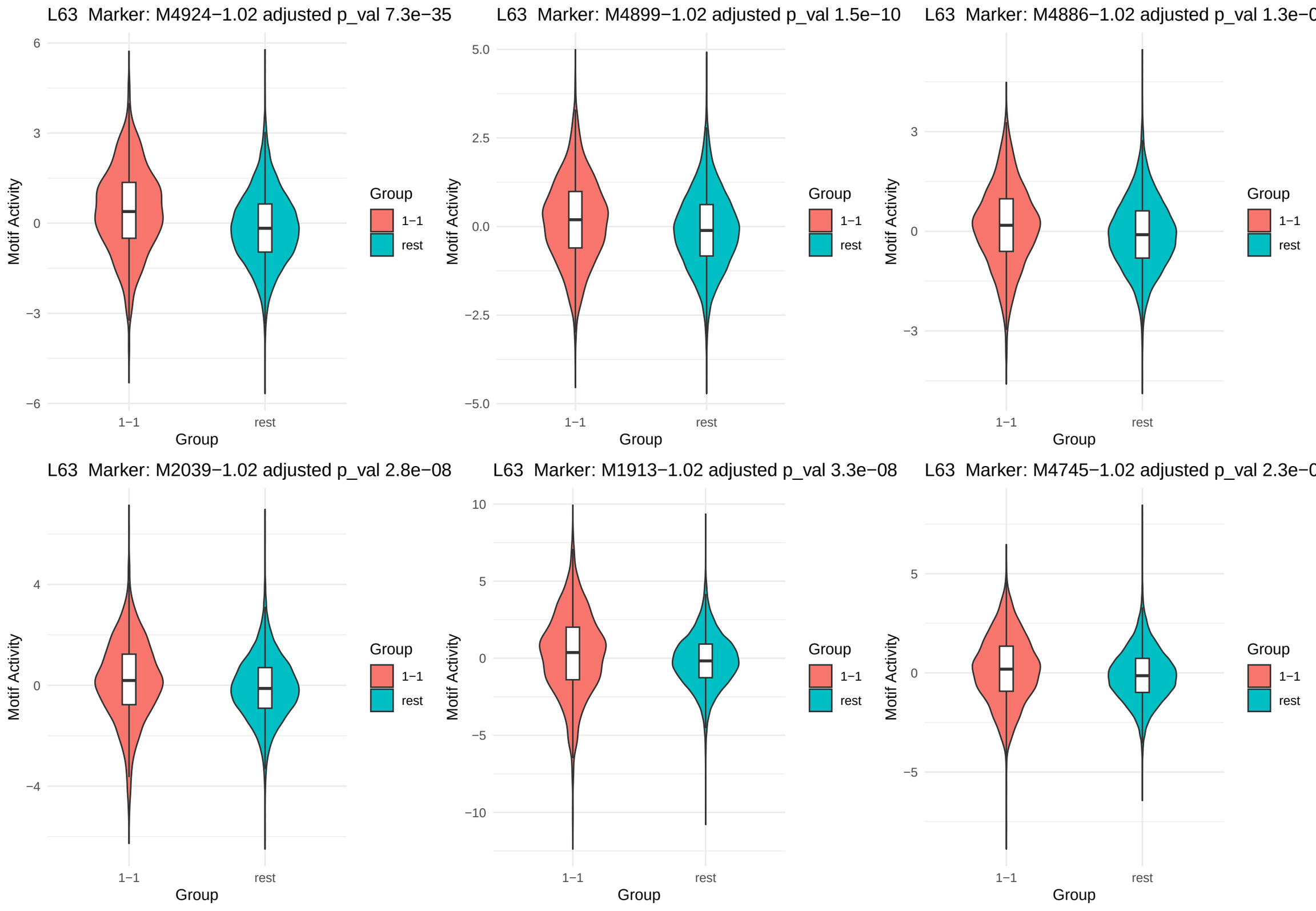

L64 Marker: M4886−1.02 adjusted p_val 2e−09
L64 Marker: M4924−1.02 adjusted p_val 2e−07
L64 Marker: M2039−1.02 adjusted p_val 2.8e−0
L64 Marker: M2013−1.02 adjusted p_val 9.6e−04
L64 Marker: M2026−1.02 adjusted p_val 1.7e−03
L64 Marker: M4675−1.02 adjusted p_val 8.7e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

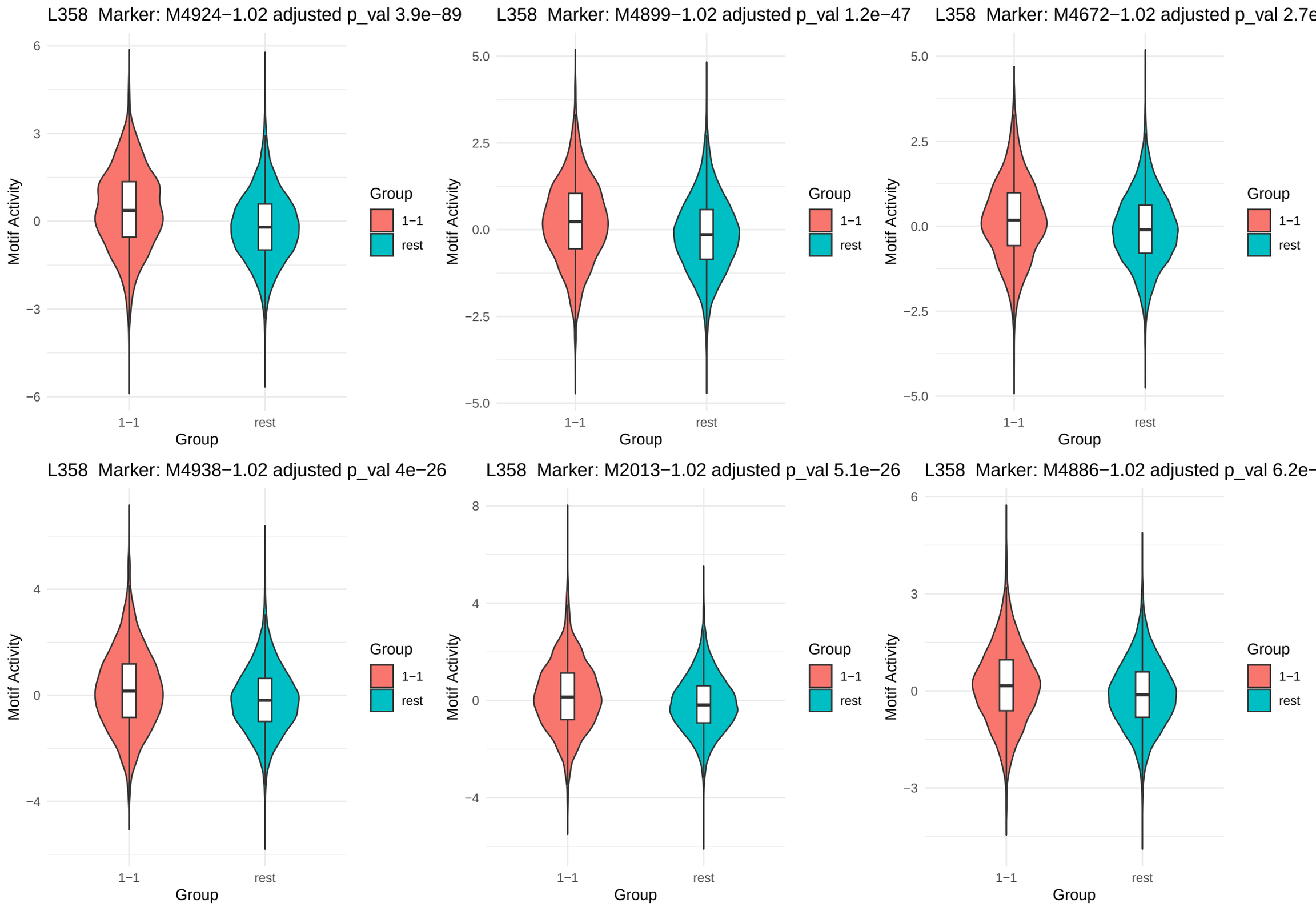

L65 Marker: M4924−1.02 adjusted p_val 7.5e−19
L65 Marker: M4886−1.02 adjusted p_val 5.1e−11
L65 Marker: M2039−1.02 adjusted p_val 4.3e−0
L65 Marker: M4899−1.02 adjusted p_val 4.8e−09
L65 Marker: M2013−1.02 adjusted p_val 1.3e−07
L65 Marker: M4675−1.02 adjusted p_val 1.5e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

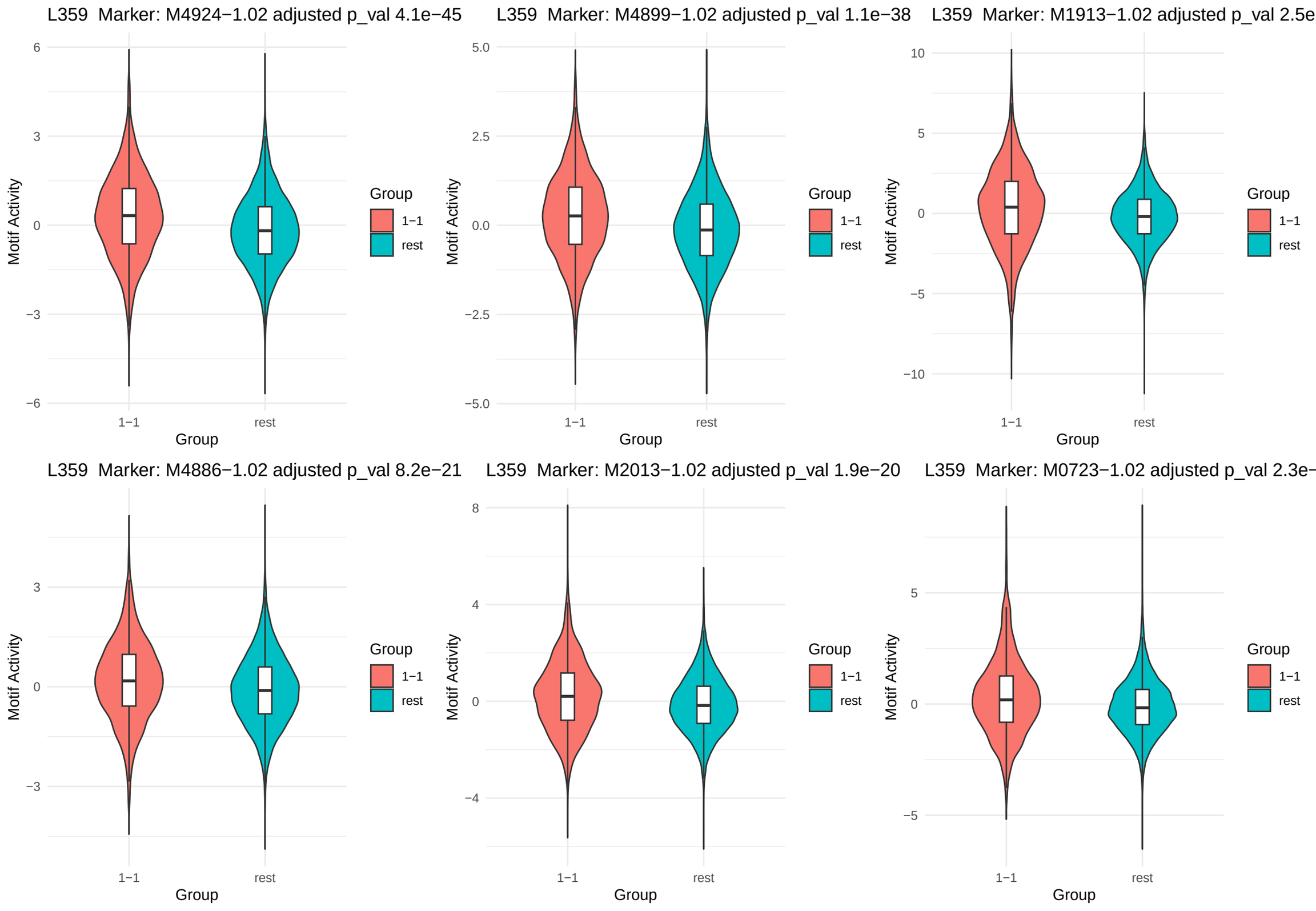

L61 Marker: M4924−1.02 adjusted p_val 1.3e−27
L61 Marker: M0737−1.02 adjusted p_val 5.9e−20
L61 Marker: M4886−1.02 adjusted p_val 2e−19
L61 Marker: M5168−1.02 adjusted p_val 1.3e−18
L61 Marker: M2039−1.02 adjusted p_val 3.5e−18
L61 Marker: M2013−1.02 adjusted p_val 1.6e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

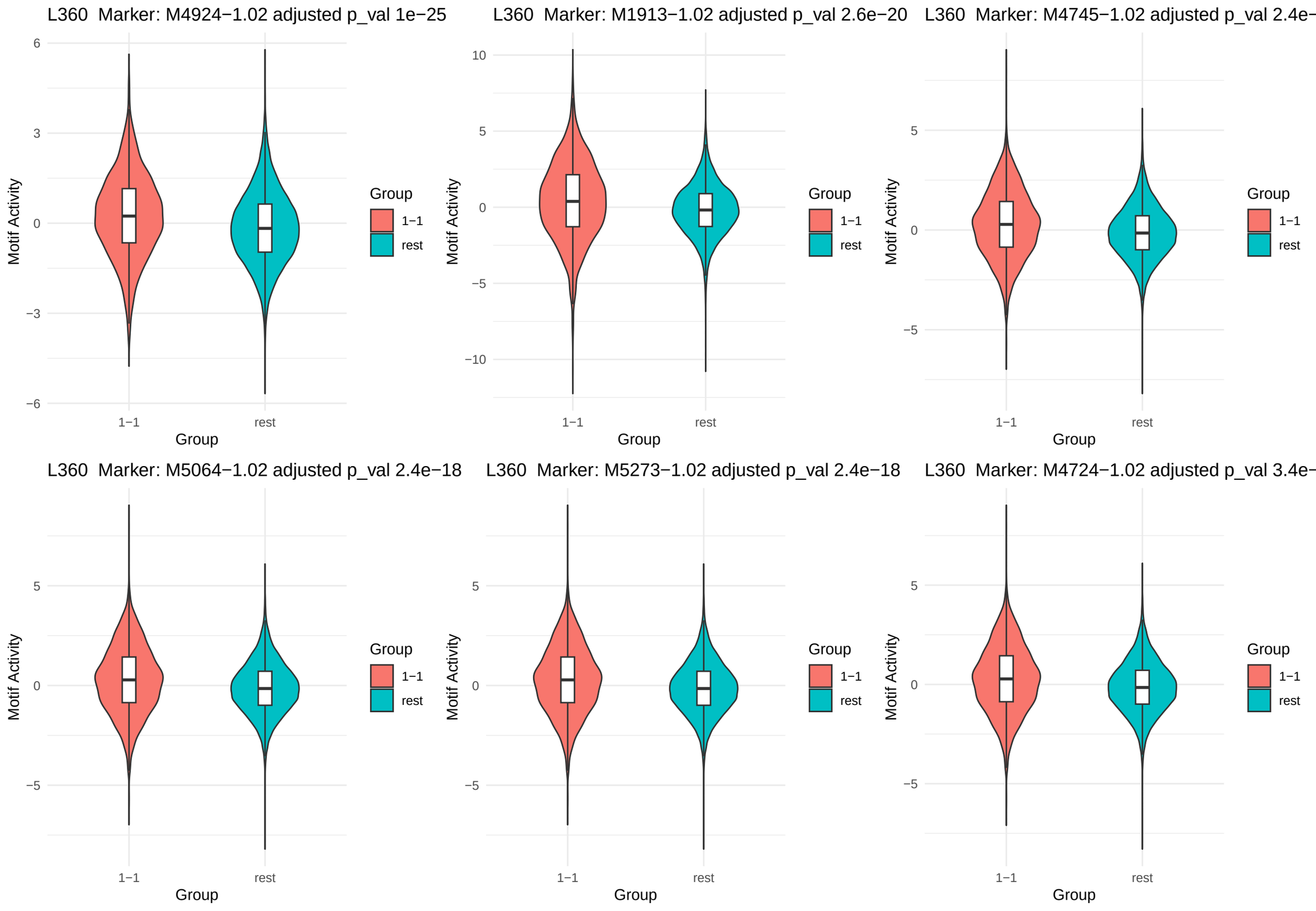

L66 Marker: M4924−1.02 adjusted p_val 6.7e−11
L66 Marker: M4886−1.02 adjusted p_val 3.8e−08
L66 Marker: M2039−1.02 adjusted p_val 1.2e−0
L66 Marker: M5040−1.02 adjusted p_val 5.1e−05
L66 Marker: M2026−1.02 adjusted p_val 7.1e−05
L66 Marker: M4814−1.02 adjusted p_val 1.5e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

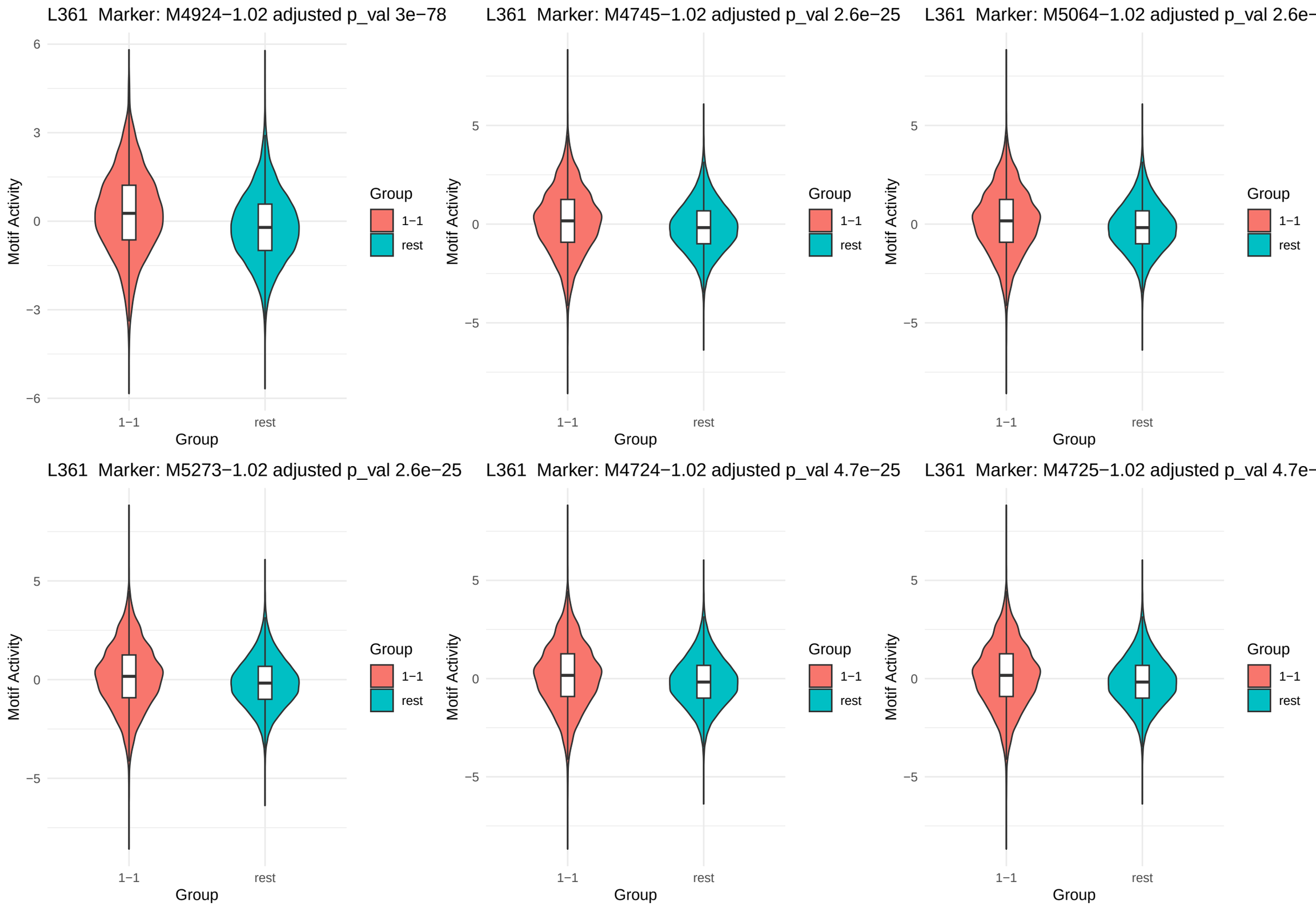

L62 Marker: M4924−1.02 adjusted p_val 3e−14
L62 Marker: M4886−1.02 adjusted p_val 8e−11
L62 Marker: M2026−1.02 adjusted p_val 1e−08
L62 Marker: M2039−1.02 adjusted p_val 3.1e−07
L62 Marker: M4672−1.02 adjusted p_val 5.1e−06
L62 Marker: M4899−1.02 adjusted p_val 7.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

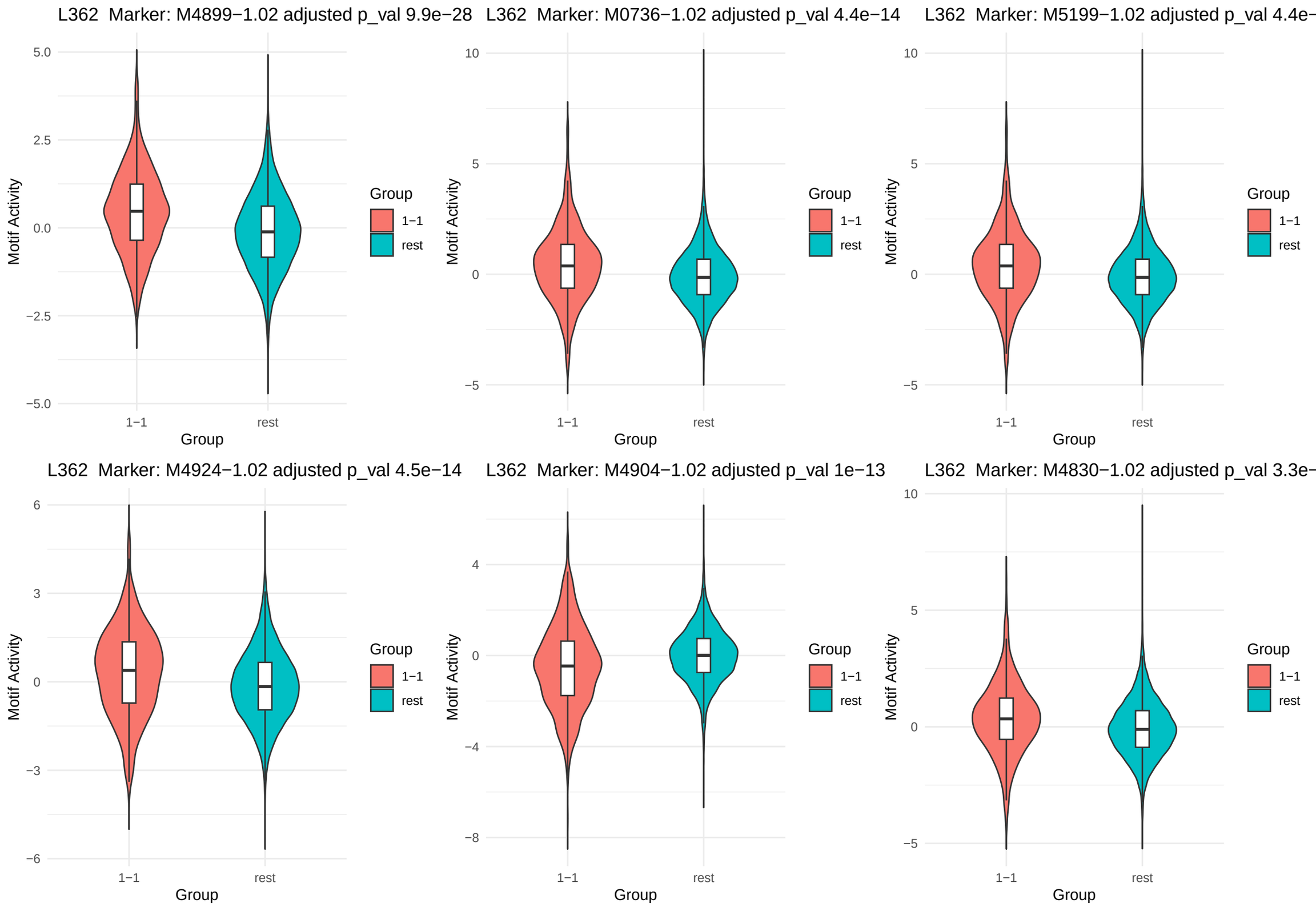

L63 Marker: M4924−1.02 adjusted p_val 7.3e−35
L63 Marker: M4899−1.02 adjusted p_val 1.5e−10
L63 Marker: M4886−1.02 adjusted p_val 1.3e−0
L63 Marker: M2039−1.02 adjusted p_val 2.8e−08
L63 Marker: M1913−1.02 adjusted p_val 3.3e−08
L63 Marker: M4745−1.02 adjusted p_val 2.3e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

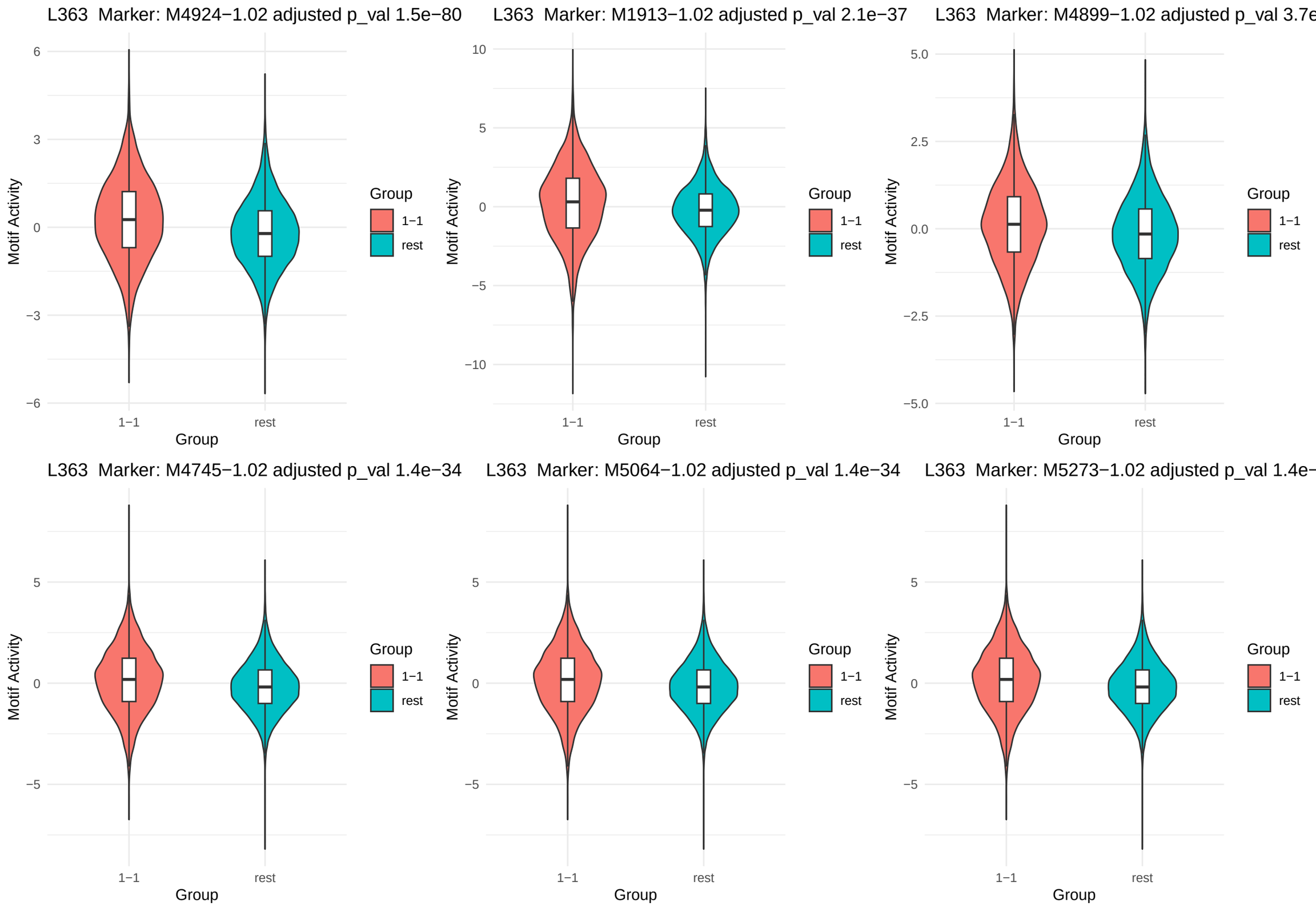

L358 Marker: M4924−1.02 adjusted p_val 3.9e−89
L358 Marker: M4899−1.02 adjusted p_val 1.2e−47
L358 Marker: M4672−1.02 adjusted p_val 2.7e
L358 Marker: M4938−1.02 adjusted p_val 4e−26
L358 Marker: M2013−1.02 adjusted p_val 5.1e−26
L358 Marker: M4886−1.02 adjusted p_val 6.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

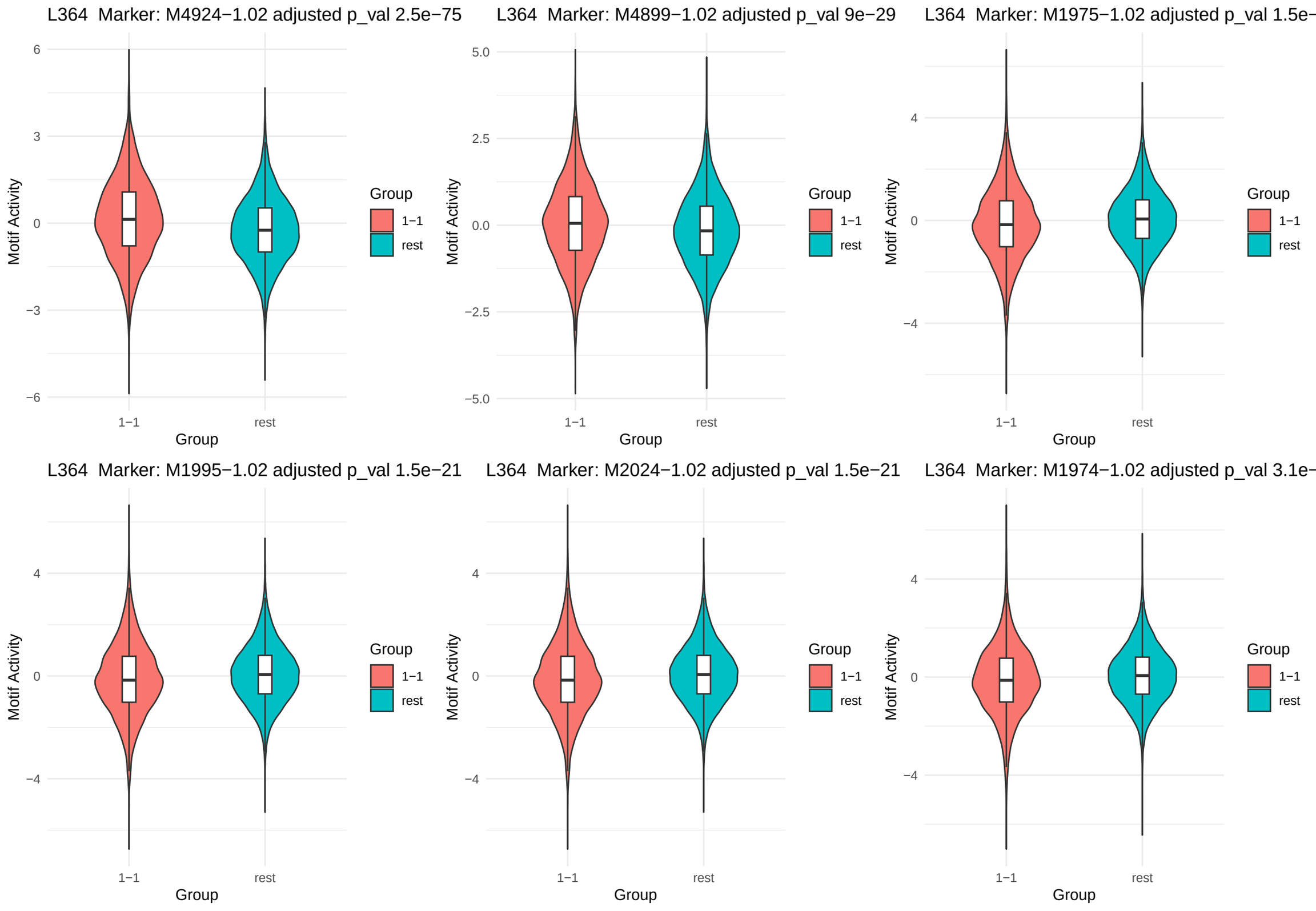

L359 Marker: M4924−1.02 adjusted p_val 4.1e−45
L359 Marker: M4899−1.02 adjusted p_val 1.1e−38
L359 Marker: M1913−1.02 adjusted p_val 2.5e
L359 Marker: M4886−1.02 adjusted p_val 8.2e−21
L359 Marker: M2013−1.02 adjusted p_val 1.9e−20
L359 Marker: M0723−1.02 adjusted p_val 2.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

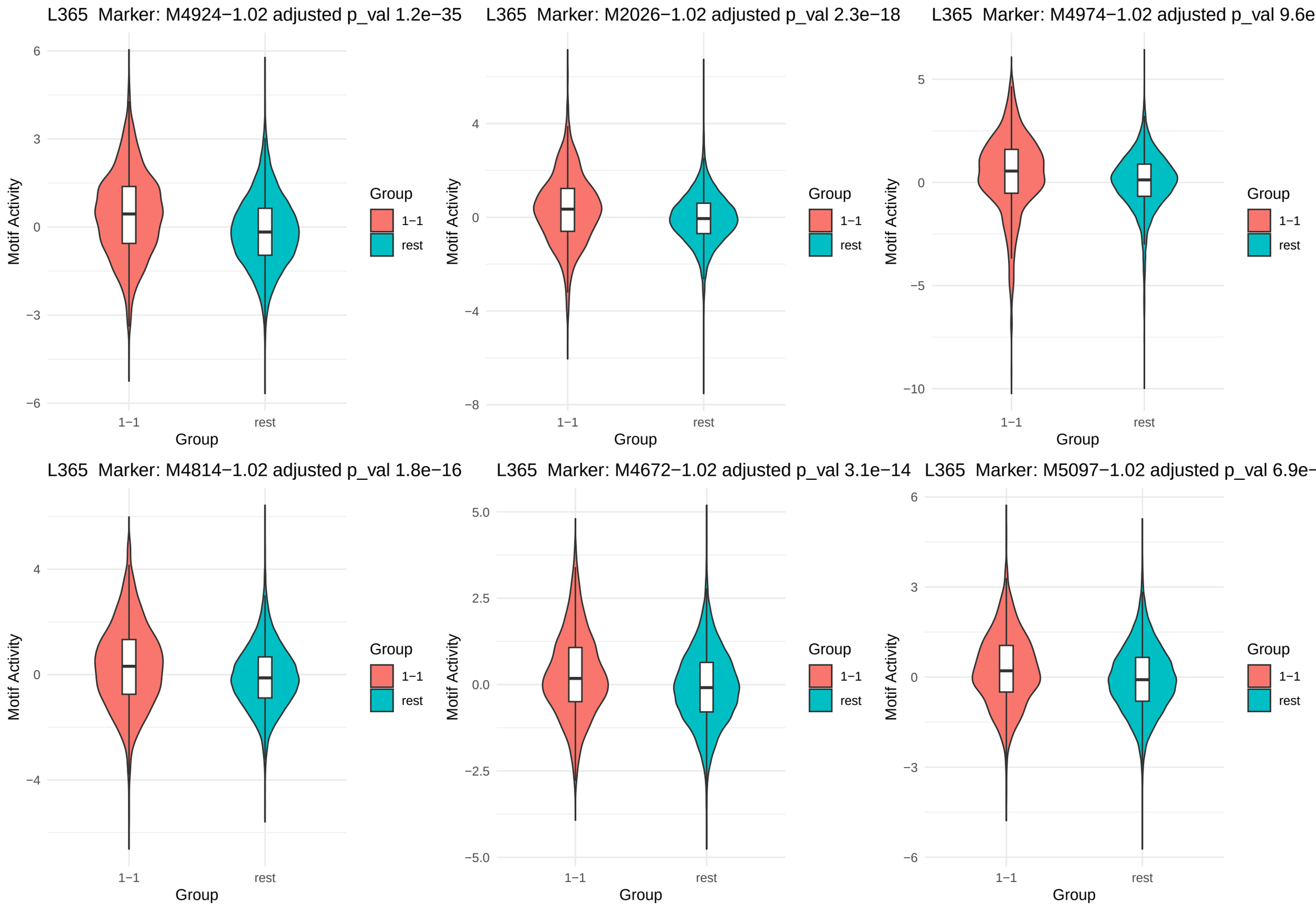

L360 Marker: M4924−1.02 adjusted p_val 1e−25
L360 Marker: M1913−1.02 adjusted p_val 2.6e−20
L360 Marker: M4745−1.02 adjusted p_val 2.4e−
L360 Marker: M5064−1.02 adjusted p_val 2.4e−18
L360 Marker: M5273−1.02 adjusted p_val 2.4e−18
L360 Marker: M4724−1.02 adjusted p_val 3.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

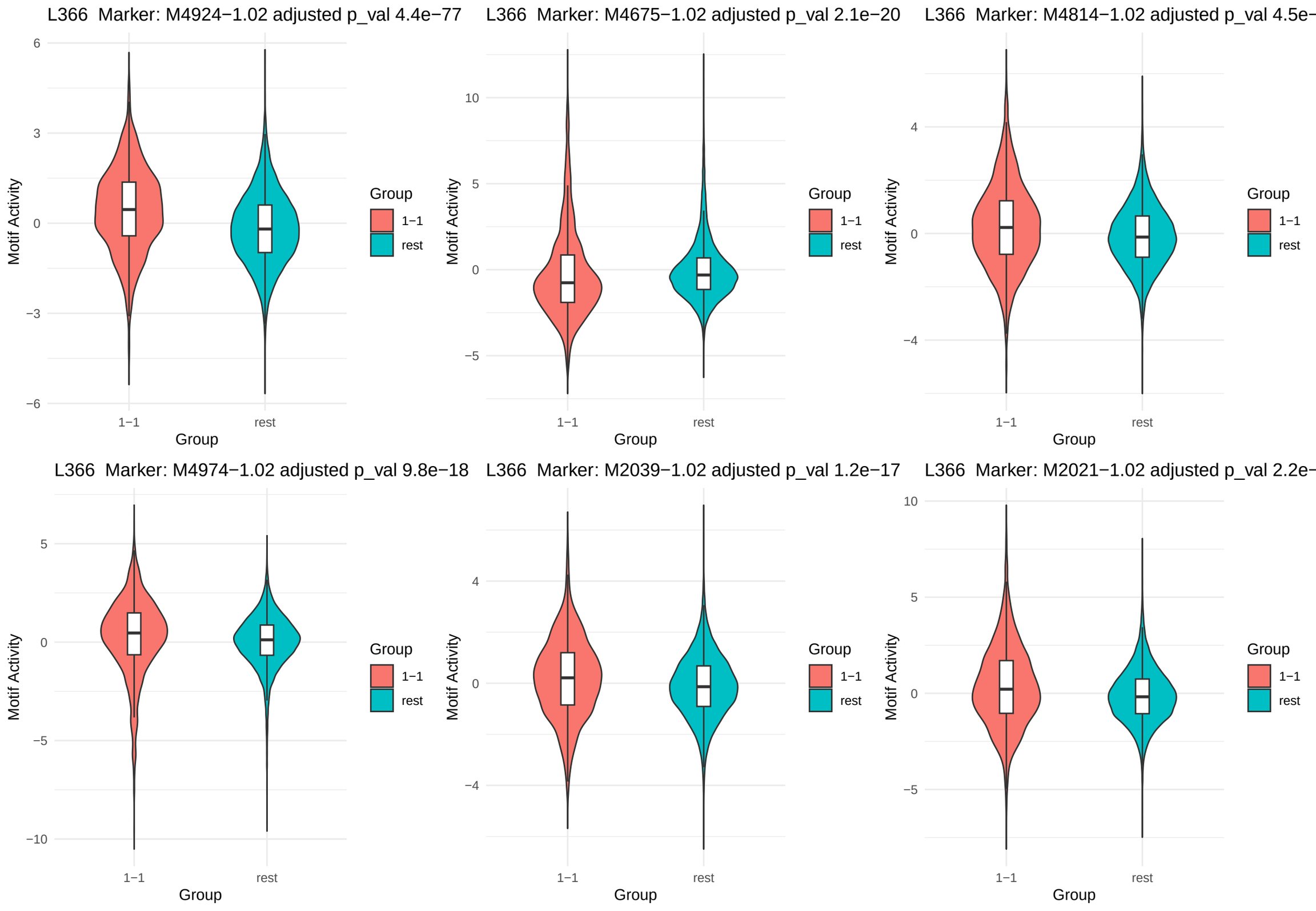

L361 Marker: M4924−1.02 adjusted p_val 3e−78
L361 Marker: M4745−1.02 adjusted p_val 2.6e−25
L361 Marker: M5064−1.02 adjusted p_val 2.6e−
L361 Marker: M5273−1.02 adjusted p_val 2.6e−25
L361 Marker: M4724−1.02 adjusted p_val 4.7e−25
L361 Marker: M4725−1.02 adjusted p_val 4.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

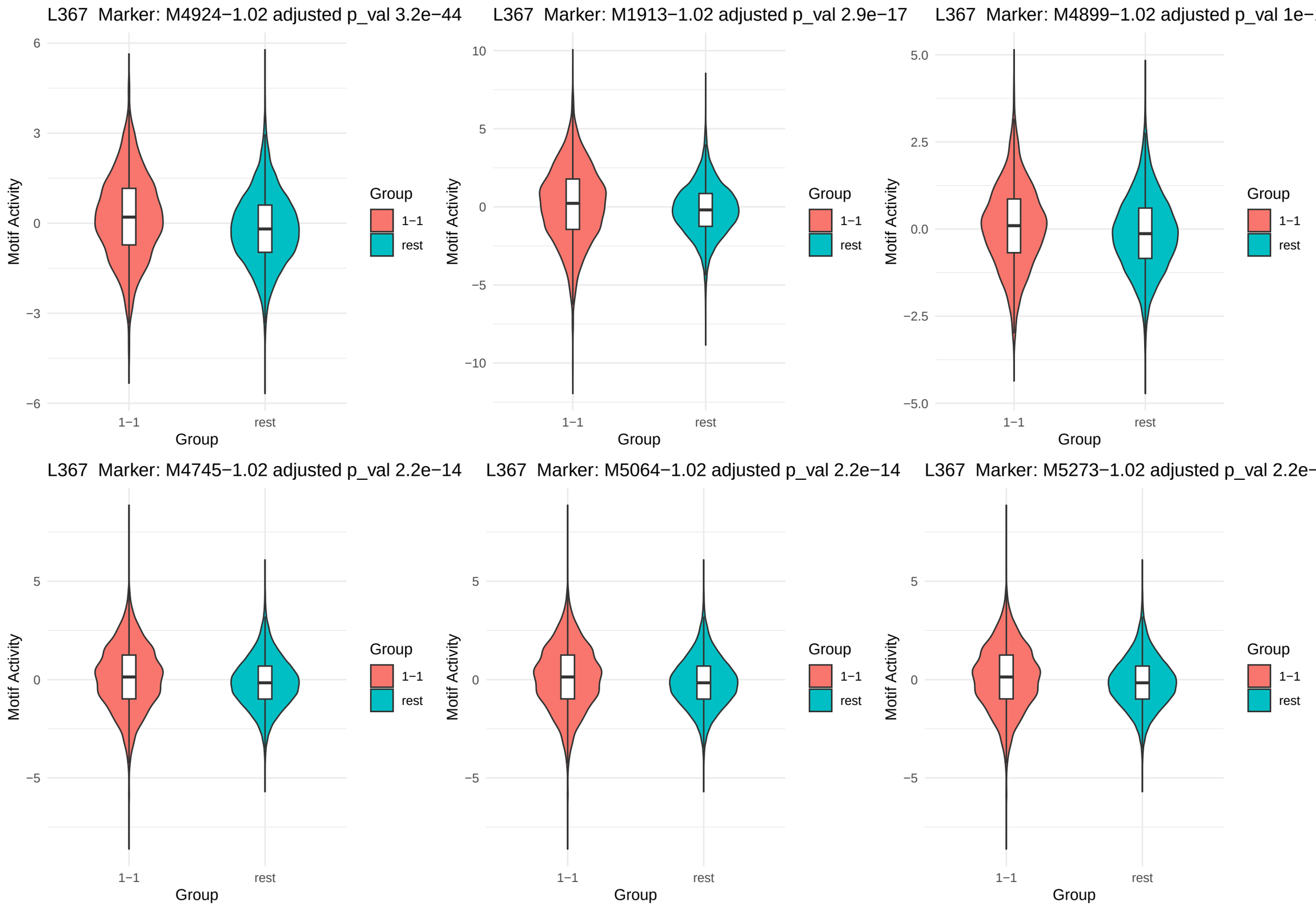

L362 Marker: M4899−1.02 adjusted p_val 9.9e−28
L362 Marker: M0736−1.02 adjusted p_val 4.4e−14
L362 Marker: M5199−1.02 adjusted p_val 4.4e−
L362 Marker: M4924−1.02 adjusted p_val 4.5e−14
L362 Marker: M4904−1.02 adjusted p_val 1e−13
L362 Marker: M4830−1.02 adjusted p_val 3.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

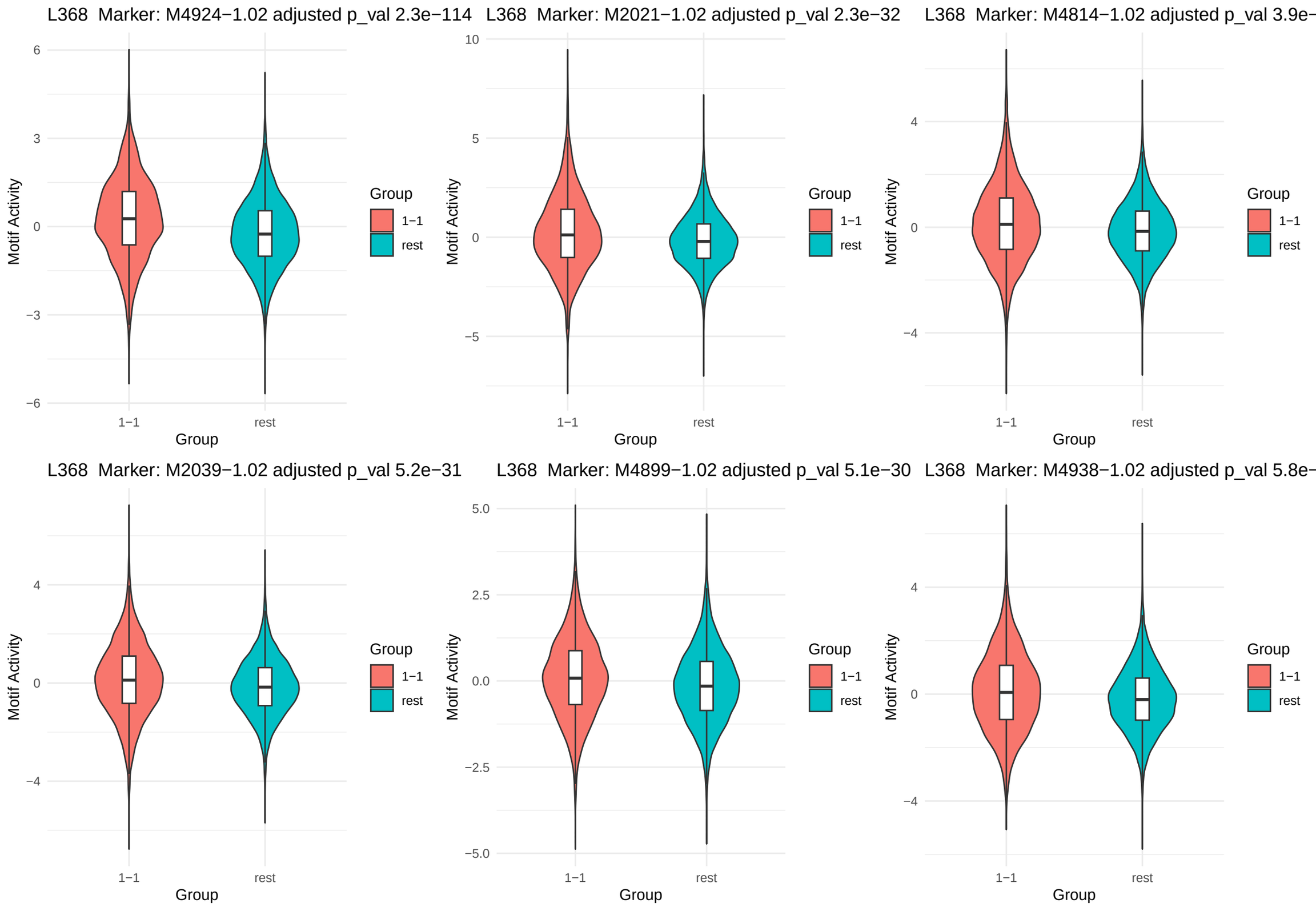

L363 Marker: M4924−1.02 adjusted p_val 1.5e−80
L363 Marker: M1913−1.02 adjusted p_val 2.1e−37
L363 Marker: M4899−1.02 adjusted p_val 3.7e
L363 Marker: M4745−1.02 adjusted p_val 1.4e−34
L363 Marker: M5064−1.02 adjusted p_val 1.4e−34
L363 Marker: M5273−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

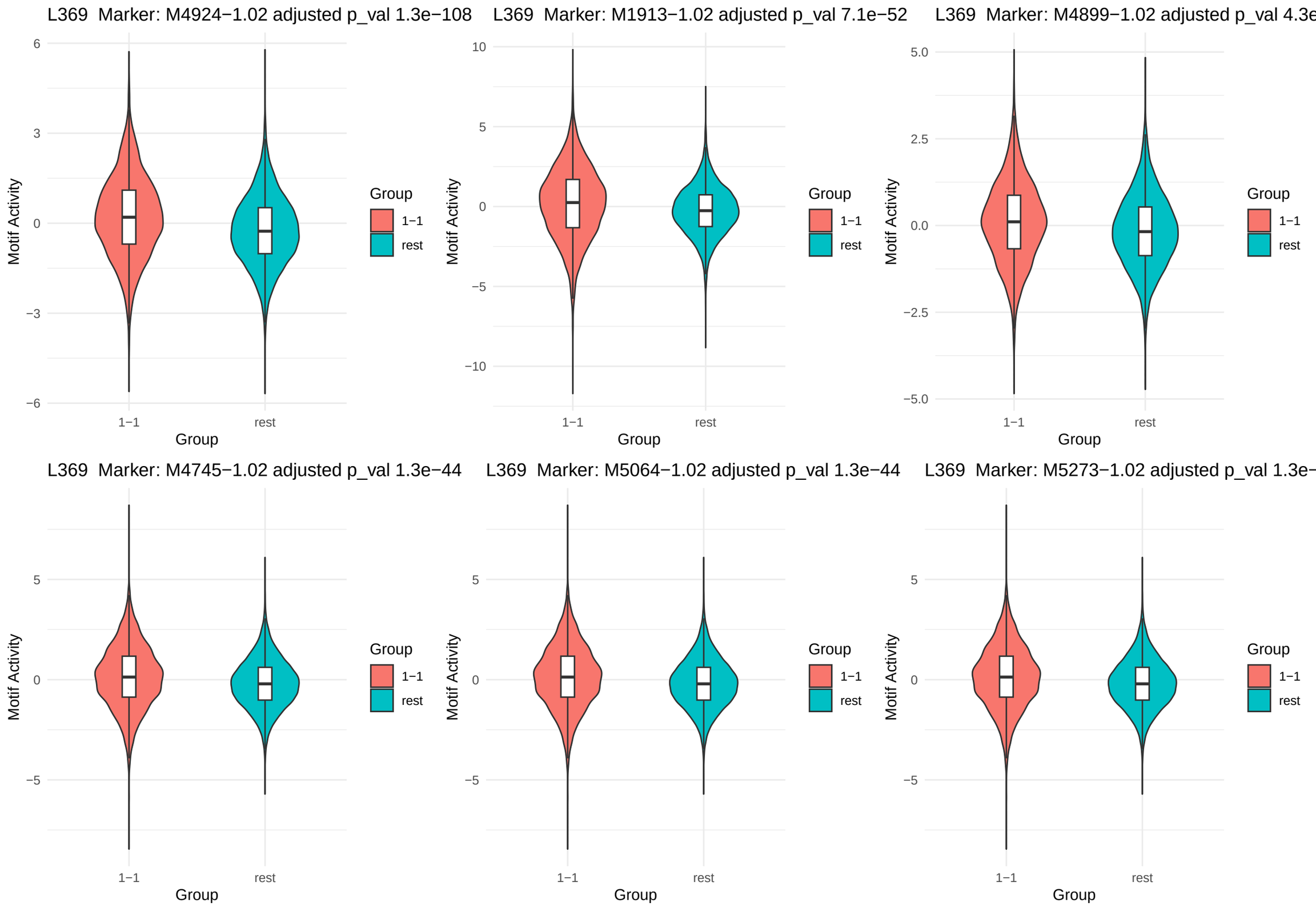

L364 Marker: M4924−1.02 adjusted p_val 2.5e−75
L364 Marker: M4899−1.02 adjusted p_val 9e−29
L364 Marker: M1975−1.02 adjusted p_val 1.5e−
L364 Marker: M1995−1.02 adjusted p_val 1.5e−21
L364 Marker: M2024−1.02 adjusted p_val 1.5e−21
L364 Marker: M1974−1.02 adjusted p_val 3.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

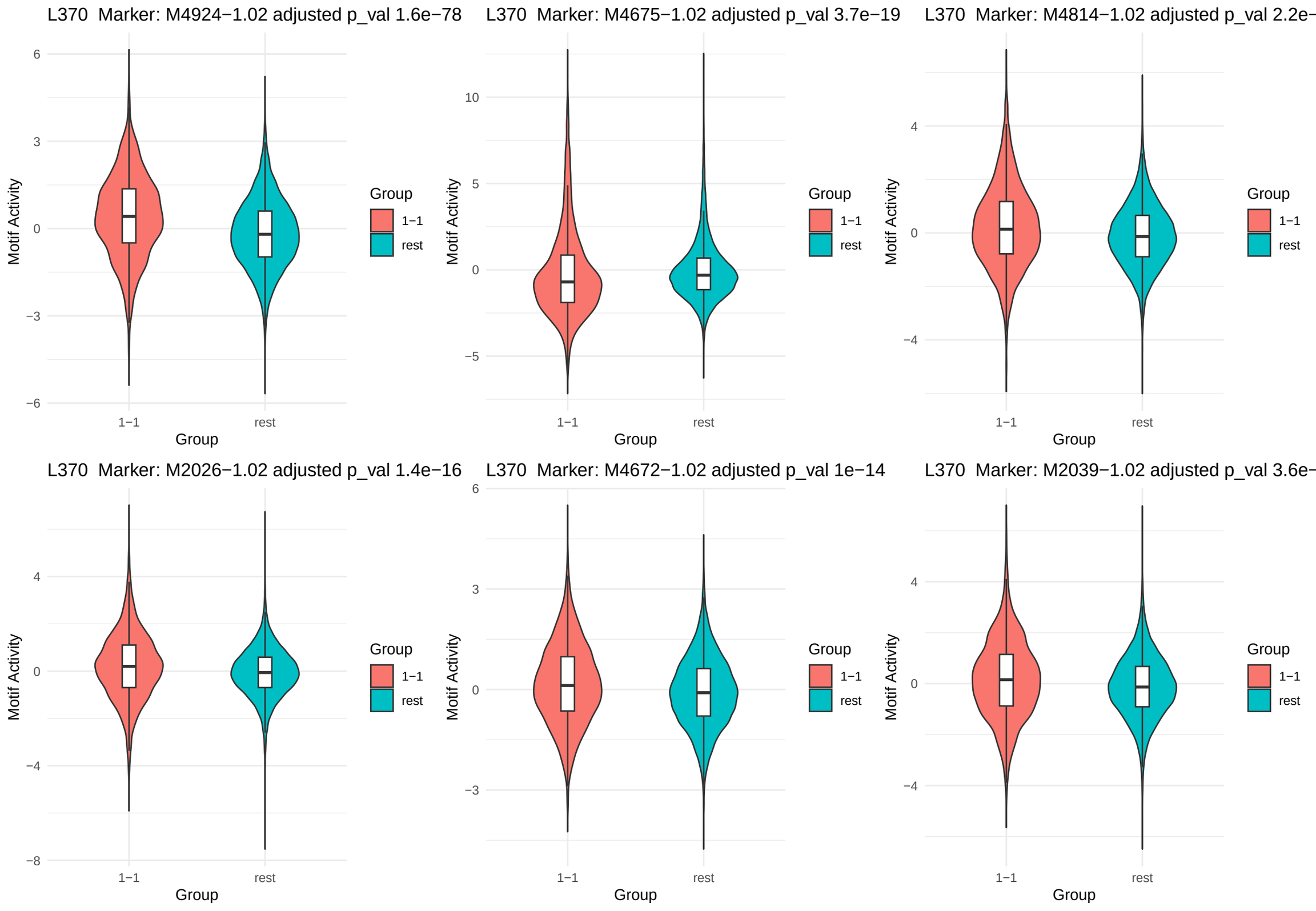

L365 Marker: M4924−1.02 adjusted p_val 1.2e−35
L365 Marker: M2026−1.02 adjusted p_val 2.3e−18
L365 Marker: M4974−1.02 adjusted p_val 9.6e
L365 Marker: M4814−1.02 adjusted p_val 1.8e−16
L365 Marker: M4672−1.02 adjusted p_val 3.1e−14
L365 Marker: M5097−1.02 adjusted p_val 6.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

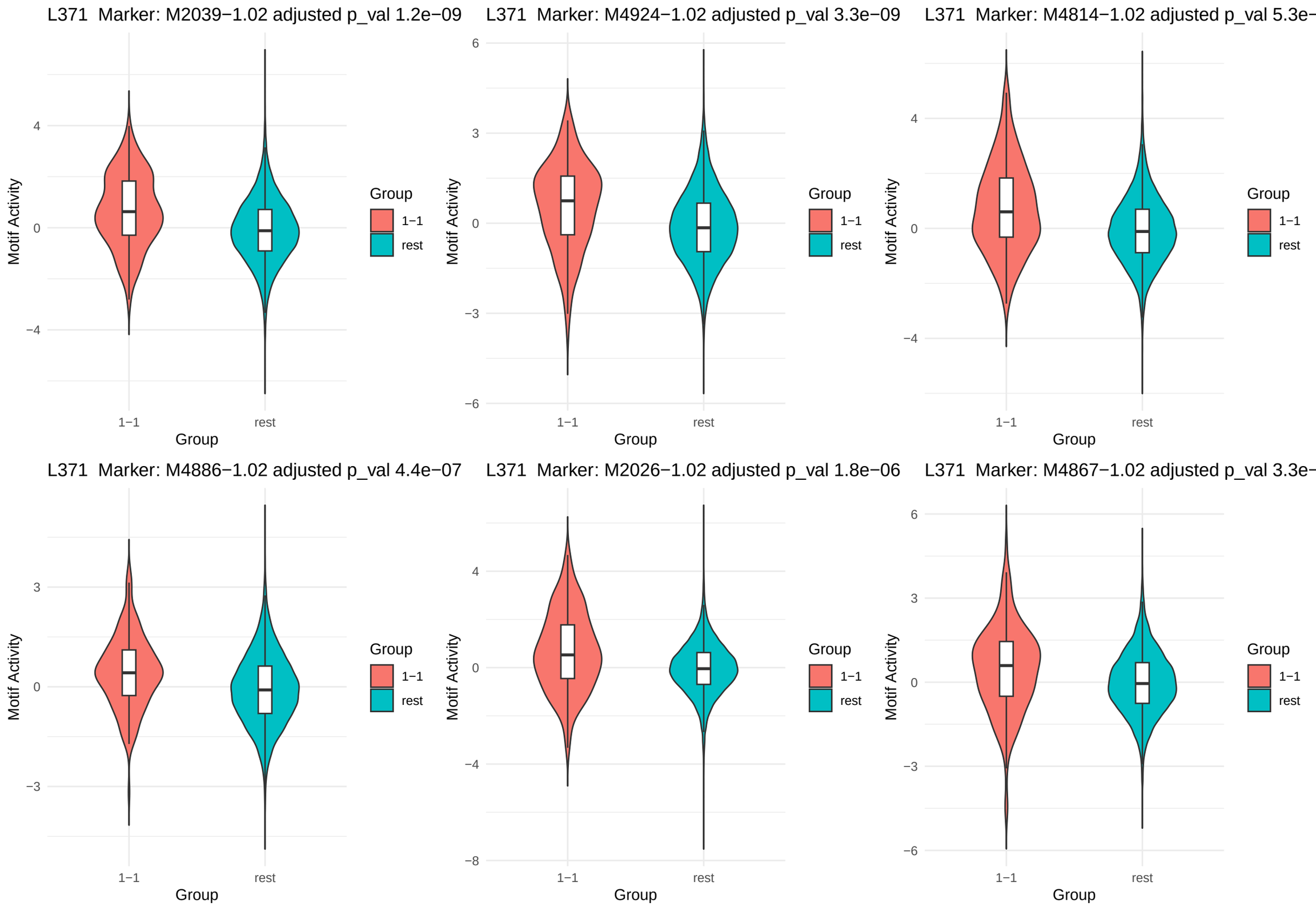

L366 Marker: M4924−1.02 adjusted p_val 4.4e−77
L366 Marker: M4675−1.02 adjusted p_val 2.1e−20
L366 Marker: M4814−1.02 adjusted p_val 4.5e−
L366 Marker: M4974−1.02 adjusted p_val 9.8e−18
L366 Marker: M2039−1.02 adjusted p_val 1.2e−17
L366 Marker: M2021−1.02 adjusted p_val 2.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

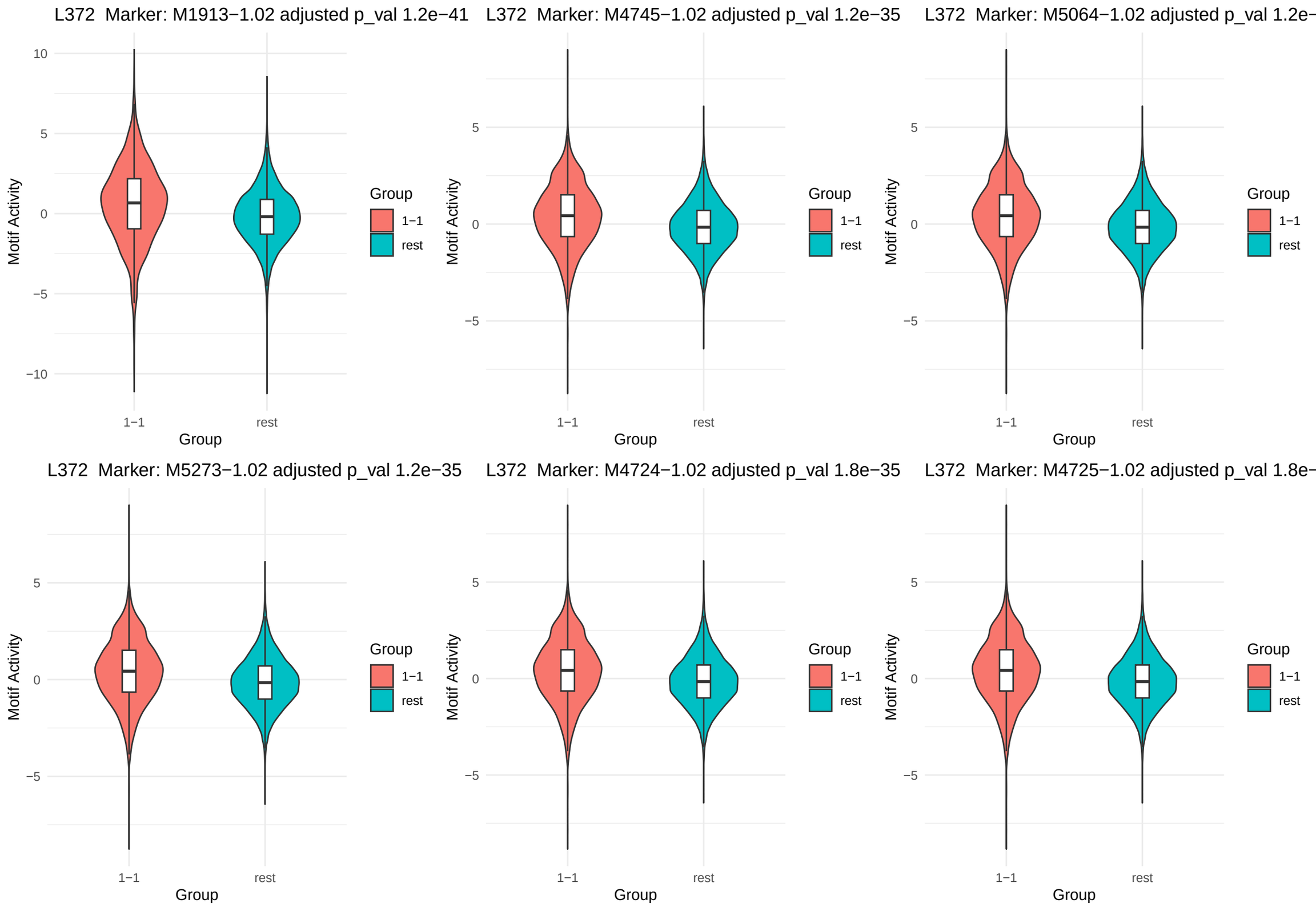

L367 Marker: M4924−1.02 adjusted p_val 3.2e−44
L367 Marker: M1913−1.02 adjusted p_val 2.9e−17
L367 Marker: M4899−1.02 adjusted p_val 1e−
L367 Marker: M4745−1.02 adjusted p_val 2.2e−14
L367 Marker: M5064−1.02 adjusted p_val 2.2e−14
L367 Marker: M5273−1.02 adjusted p_val 2.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

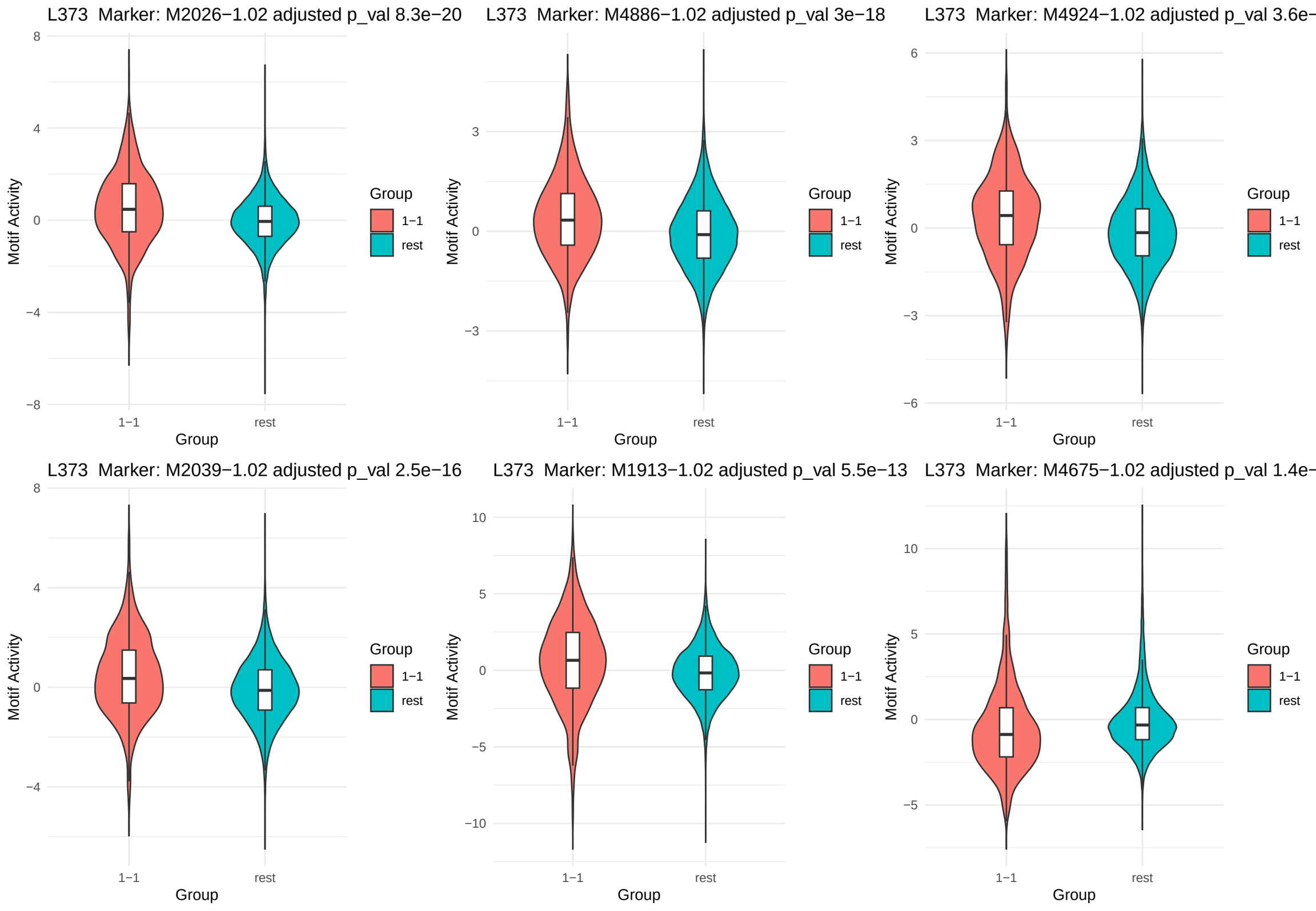

L368 Marker: M4924−1.02 adjusted p_val 2.3e−114
L368 Marker: M2021−1.02 adjusted p_val 2.3e−32
L368 Marker: M4814−1.02 adjusted p_val 3.9e−
L368 Marker: M2039−1.02 adjusted p_val 5.2e−31
L368 Marker: M4899−1.02 adjusted p_val 5.1e−30
L368 Marker: M4938−1.02 adjusted p_val 5.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

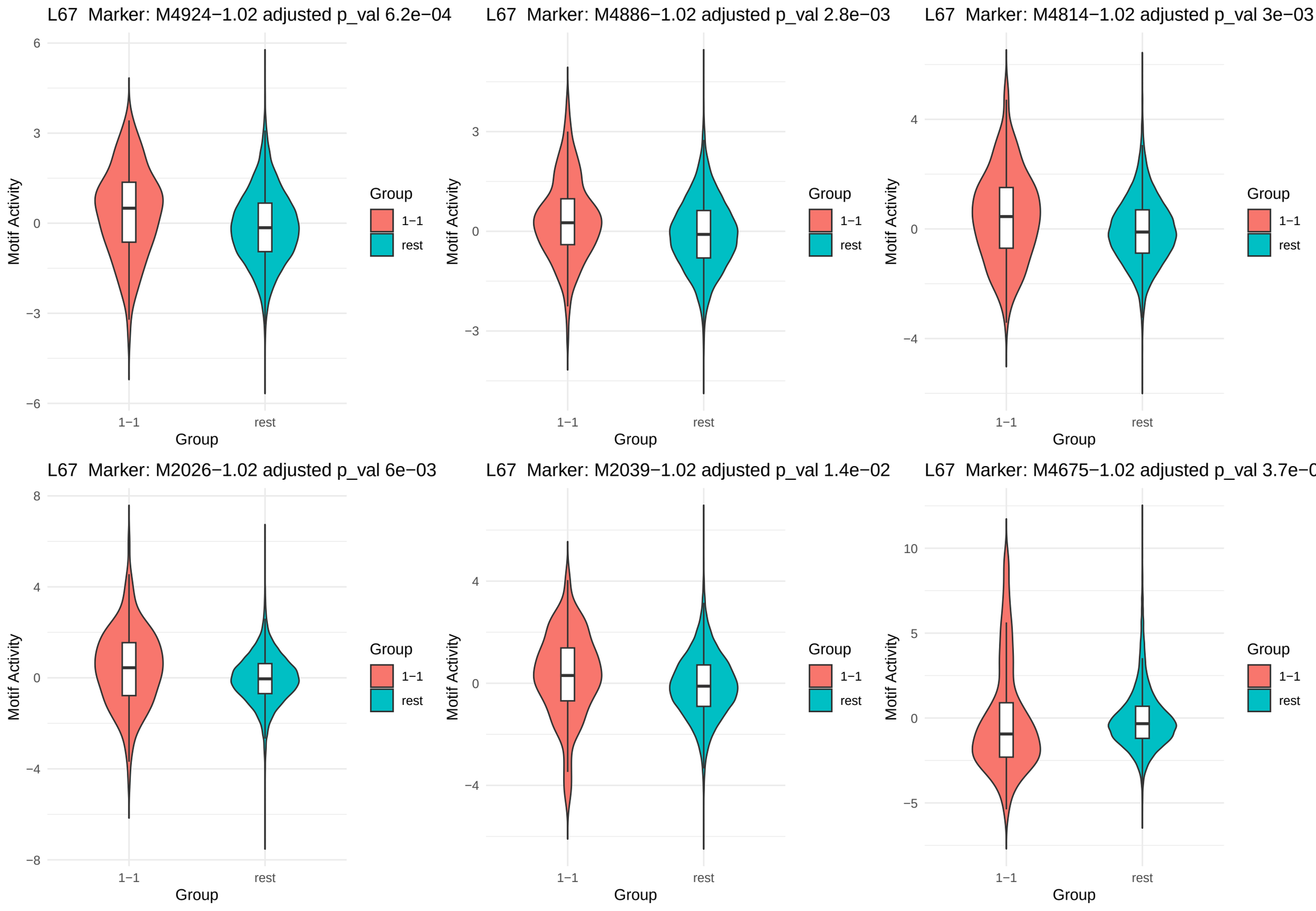

L369 Marker: M4924−1.02 adjusted p_val 1.3e−108
L369 Marker: M1913−1.02 adjusted p_val 7.1e−52
L369 Marker: M4899−1.02 adjusted p_val 4.3e
L369 Marker: M4745−1.02 adjusted p_val 1.3e−44
L369 Marker: M5064−1.02 adjusted p_val 1.3e−44
L369 Marker: M5273−1.02 adjusted p_val 1.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

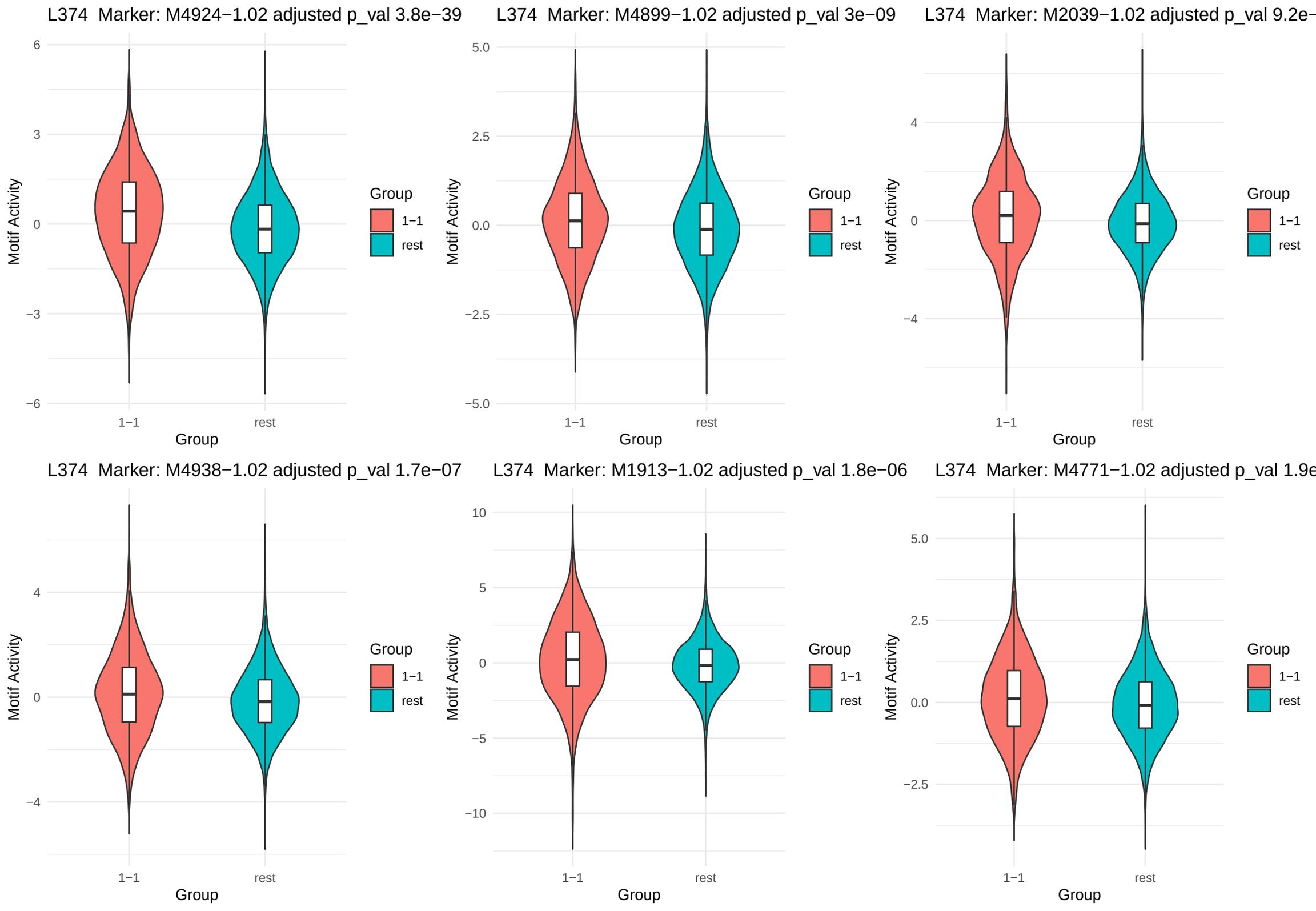

L370 Marker: M4924−1.02 adjusted p_val 1.6e−78
L370 Marker: M4675−1.02 adjusted p_val 3.7e−19
L370 Marker: M4814−1.02 adjusted p_val 2.2e−
L370 Marker: M2026−1.02 adjusted p_val 1.4e−16
L370 Marker: M4672−1.02 adjusted p_val 1e−14
L370 Marker: M2039−1.02 adjusted p_val 3.6e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

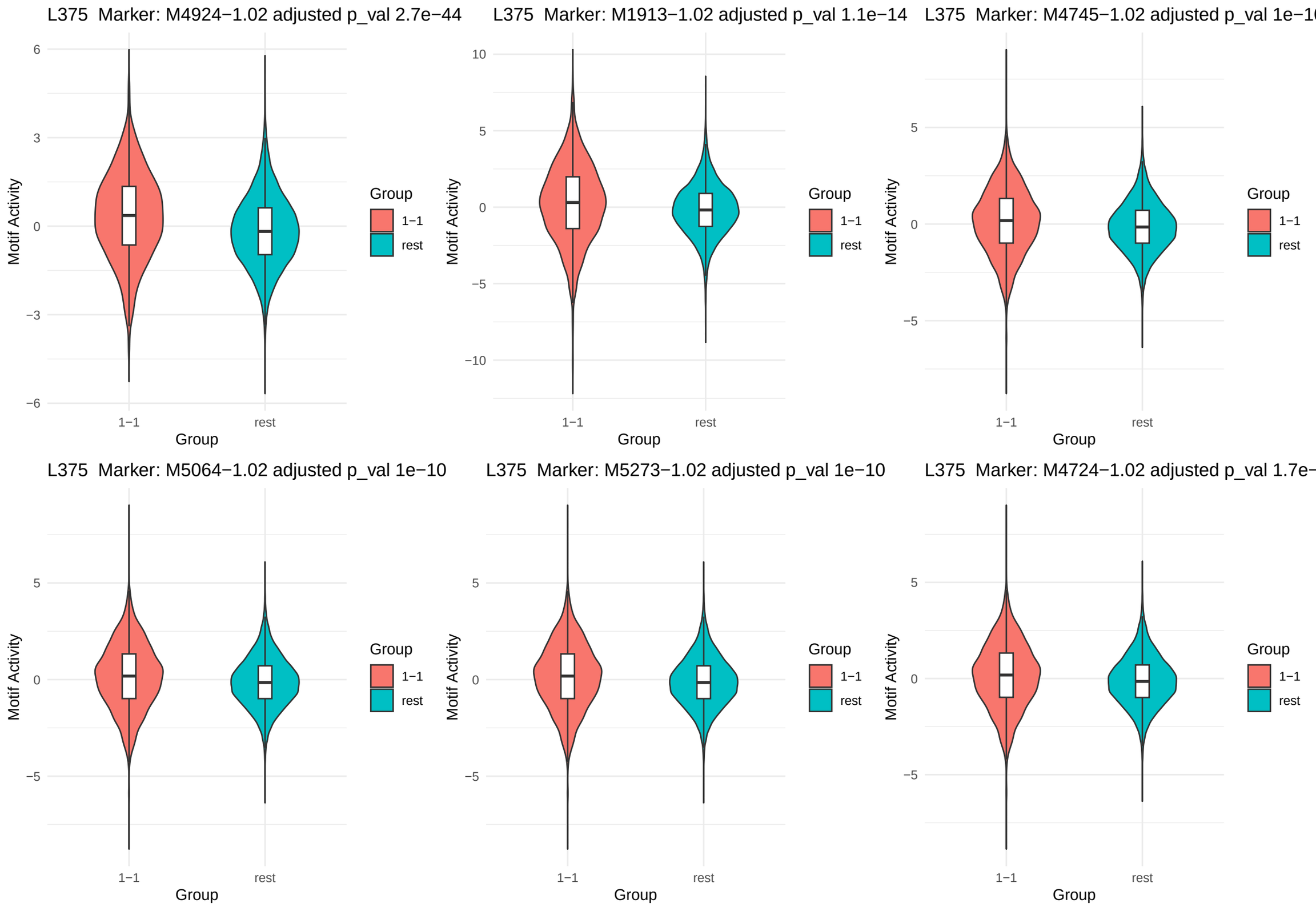

L371 Marker: M2039−1.02 adjusted p_val 1.2e−09
L371 Marker: M4924−1.02 adjusted p_val 3.3e−09
L371 Marker: M4814−1.02 adjusted p_val 5.3e−
L371 Marker: M4886−1.02 adjusted p_val 4.4e−07
L371 Marker: M2026−1.02 adjusted p_val 1.8e−06
L371 Marker: M4867−1.02 adjusted p_val 3.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

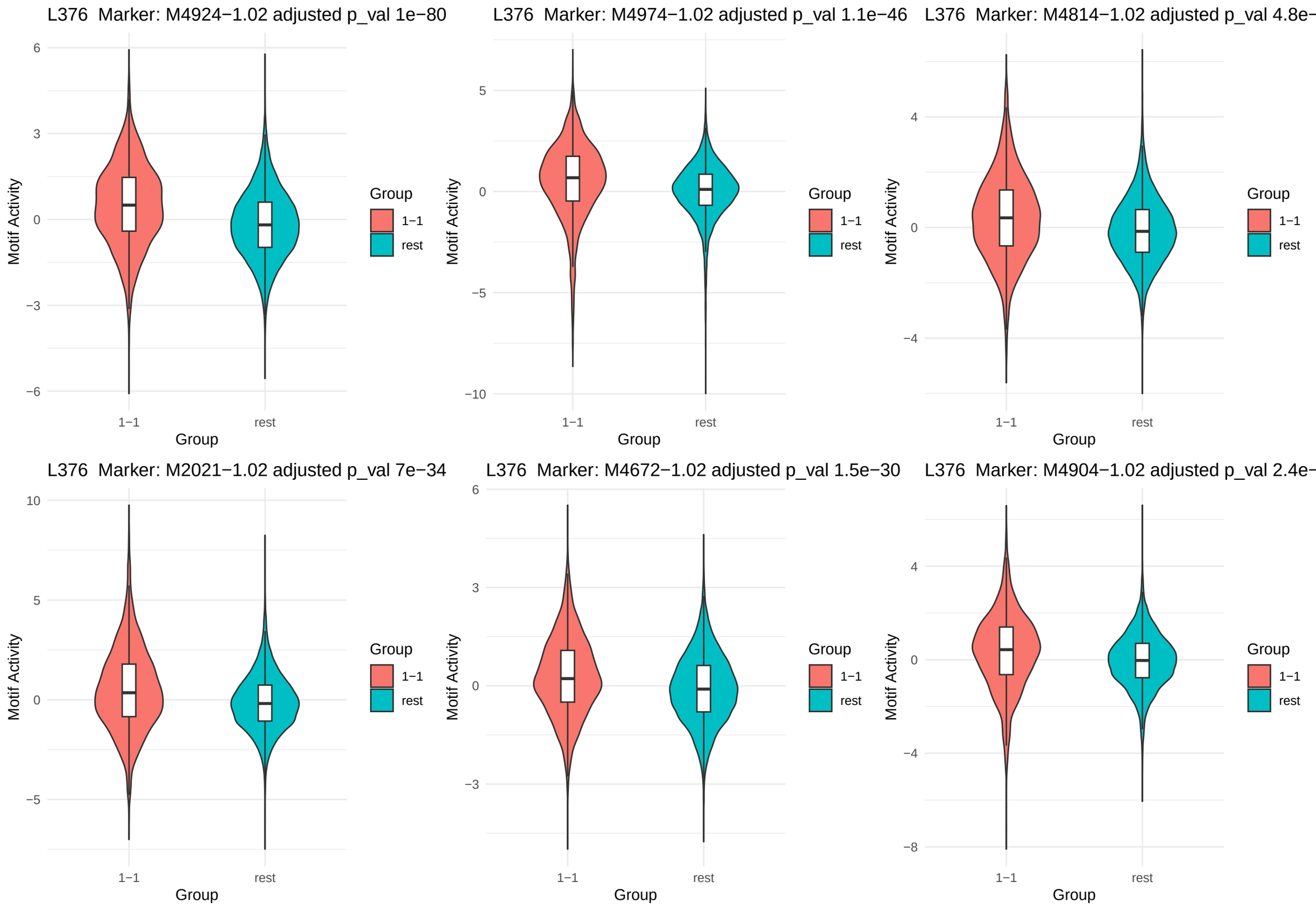

L372 Marker: M1913−1.02 adjusted p_val 1.2e−41
L372 Marker: M4745−1.02 adjusted p_val 1.2e−35
L372 Marker: M5064−1.02 adjusted p_val 1.2e−
L372 Marker: M5273−1.02 adjusted p_val 1.2e−35
L372 Marker: M4724−1.02 adjusted p_val 1.8e−35
L372 Marker: M4725−1.02 adjusted p_val 1.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

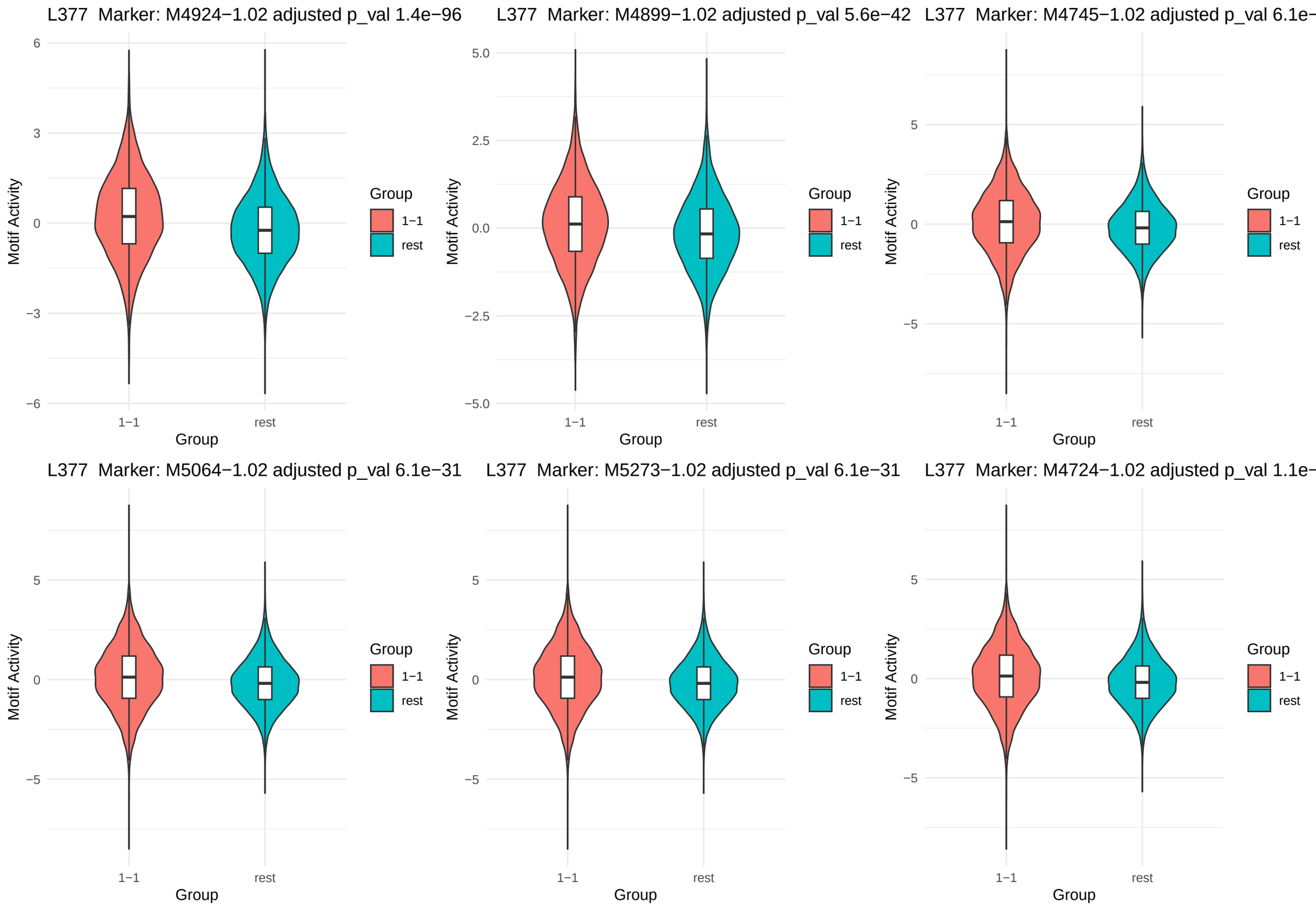

L373 Marker: M2026−1.02 adjusted p_val 8.3e−20
L373 Marker: M4886−1.02 adjusted p_val 3e−18
L373 Marker: M4924−1.02 adjusted p_val 3.6e−
L373 Marker: M2039−1.02 adjusted p_val 2.5e−16
L373 Marker: M1913−1.02 adjusted p_val 5.5e−13
L373 Marker: M4675−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

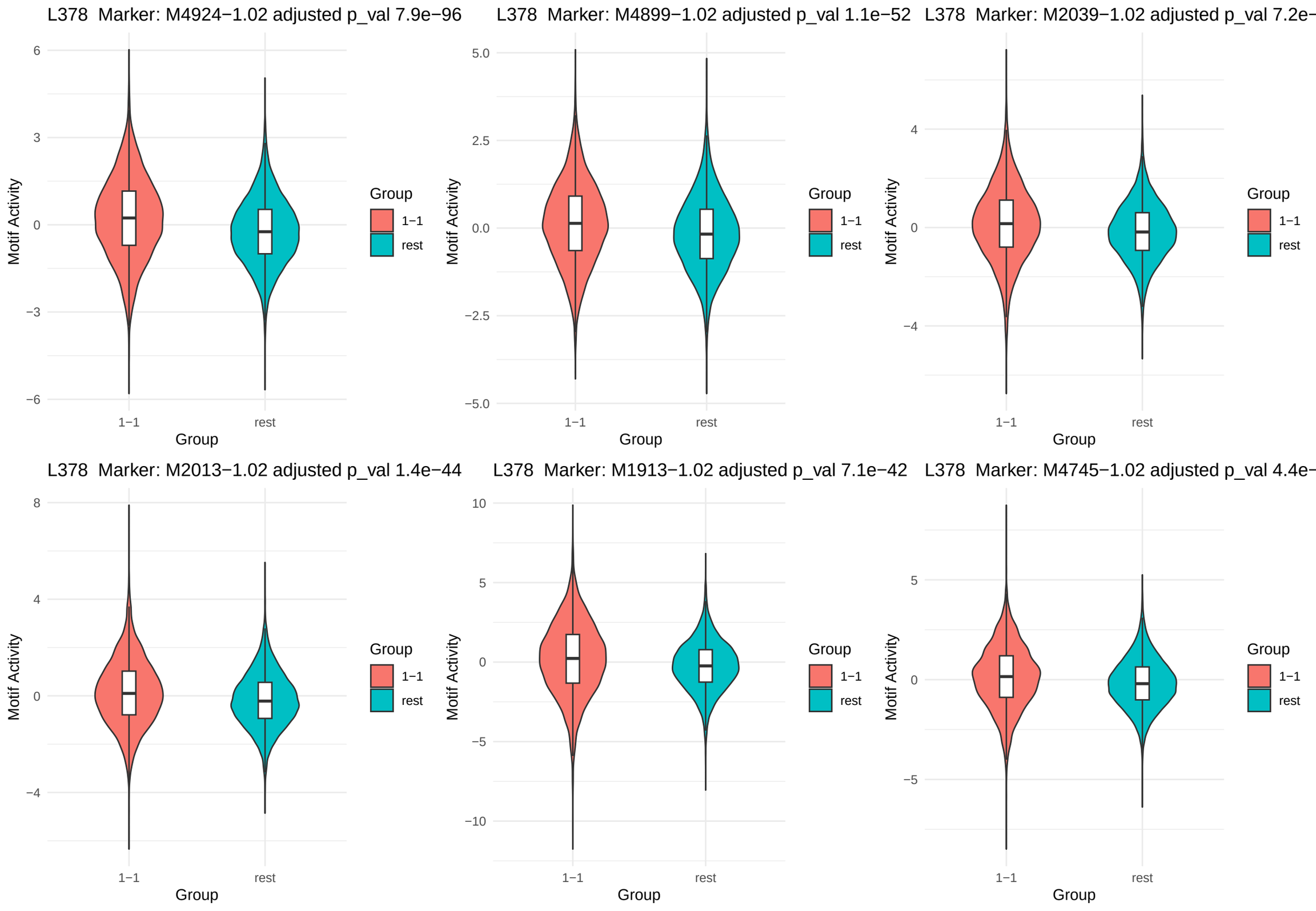

L67 Marker: M4924−1.02 adjusted p_val 6.2e−04
L67 Marker: M4886−1.02 adjusted p_val 2.8e−03
L67 Marker: M4814−1.02 adjusted p_val 3e−03
L67 Marker: M2026−1.02 adjusted p_val 6e−03
L67 Marker: M2039−1.02 adjusted p_val 1.4e−02
L67 Marker: M4675−1.02 adjusted p_val 3.7e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

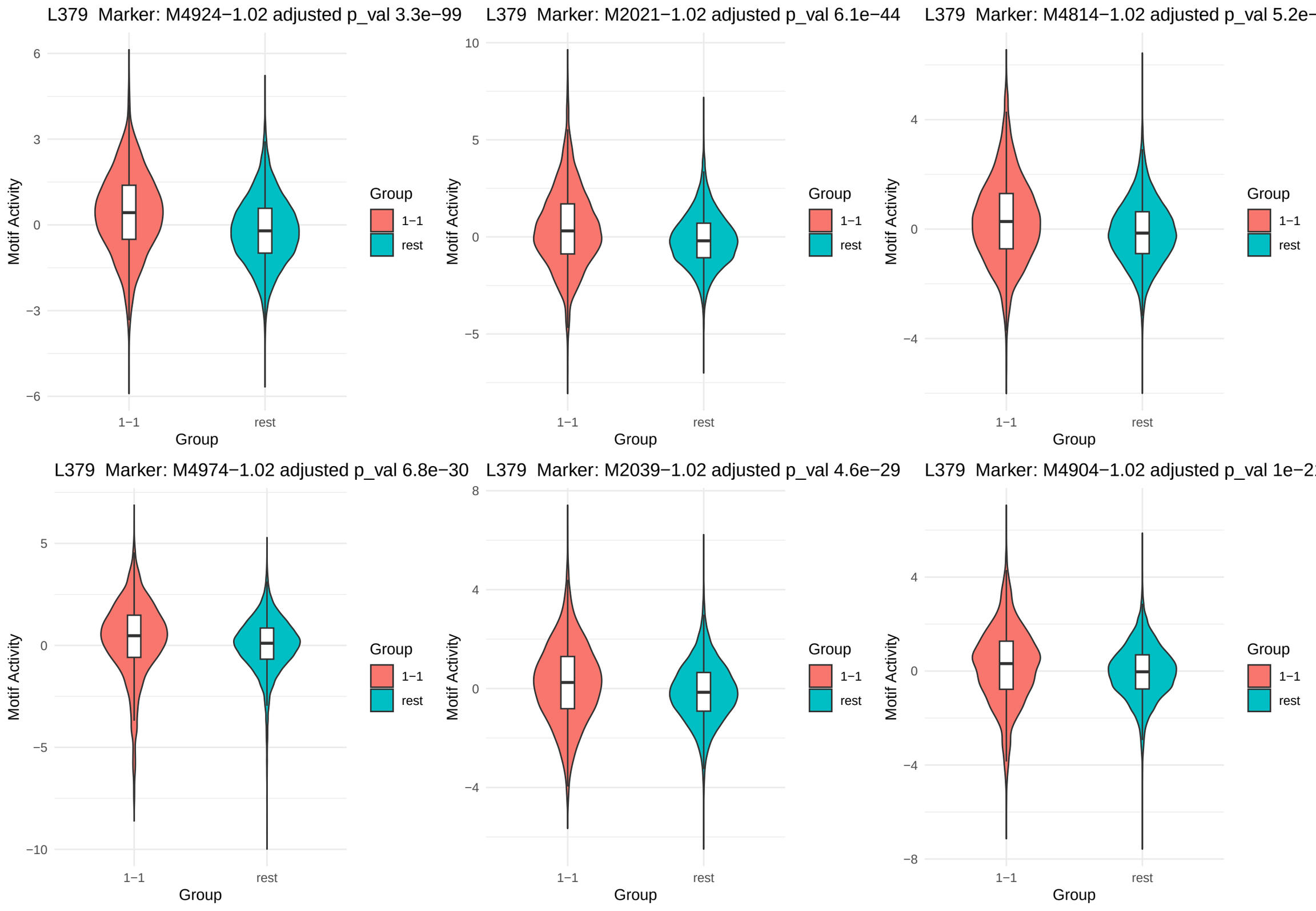

L374 Marker: M4924−1.02 adjusted p_val 3.8e−39
L374 Marker: M4899−1.02 adjusted p_val 3e−09
L374 Marker: M2039−1.02 adjusted p_val 9.2e−
L374 Marker: M4938−1.02 adjusted p_val 1.7e−07
L374 Marker: M1913−1.02 adjusted p_val 1.8e−06
L374 Marker: M4771−1.02 adjusted p_val 1.9e
Motif Activity
Group
1−1
rest
Group
1−1
rest

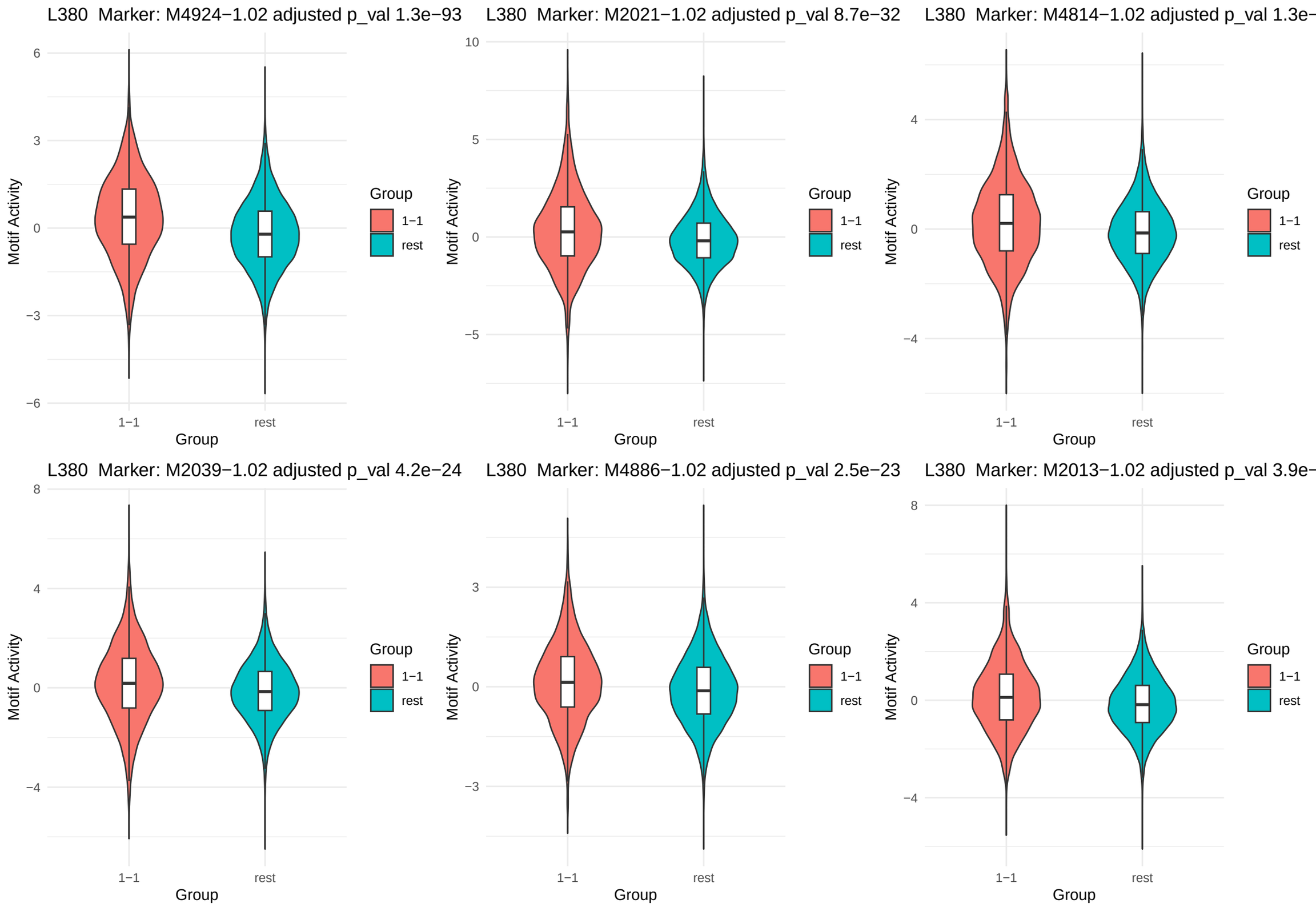

L375 Marker: M4924−1.02 adjusted p_val 2.7e−44
L375 Marker: M1913−1.02 adjusted p_val 1.1e−14
L375 Marker: M4745−1.02 adjusted p_val 1e−1
L375 Marker: M5064−1.02 adjusted p_val 1e−10
L375 Marker: M5273−1.02 adjusted p_val 1e−10
L375 Marker: M4724−1.02 adjusted p_val 1.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

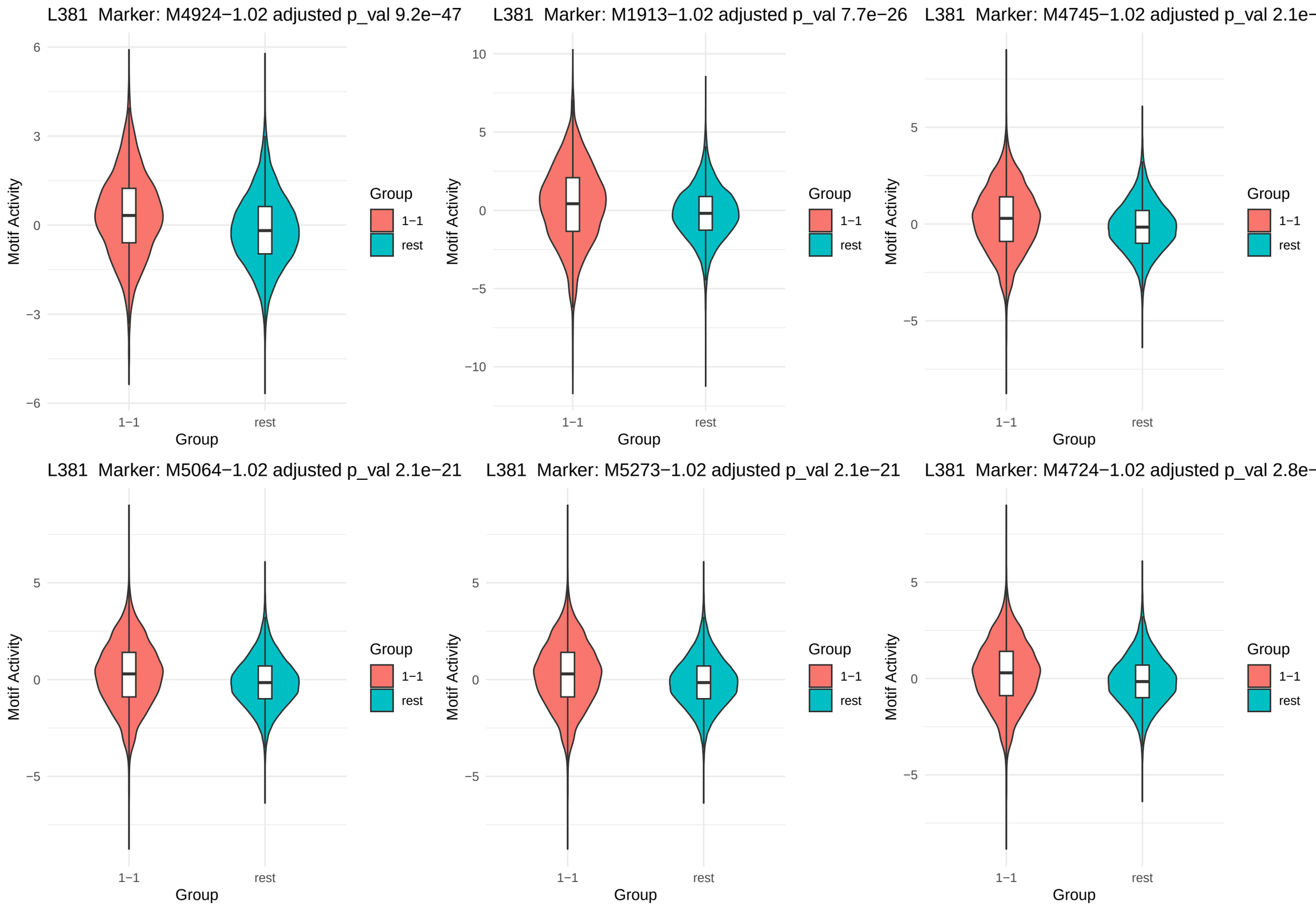

L376 Marker: M4924−1.02 adjusted p_val 1e−80
L376 Marker: M4974−1.02 adjusted p_val 1.1e−46
L376 Marker: M4814−1.02 adjusted p_val 4.8e−
L376 Marker: M2021−1.02 adjusted p_val 7e−34
L376 Marker: M4672−1.02 adjusted p_val 1.5e−30
L376 Marker: M4904−1.02 adjusted p_val 2.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

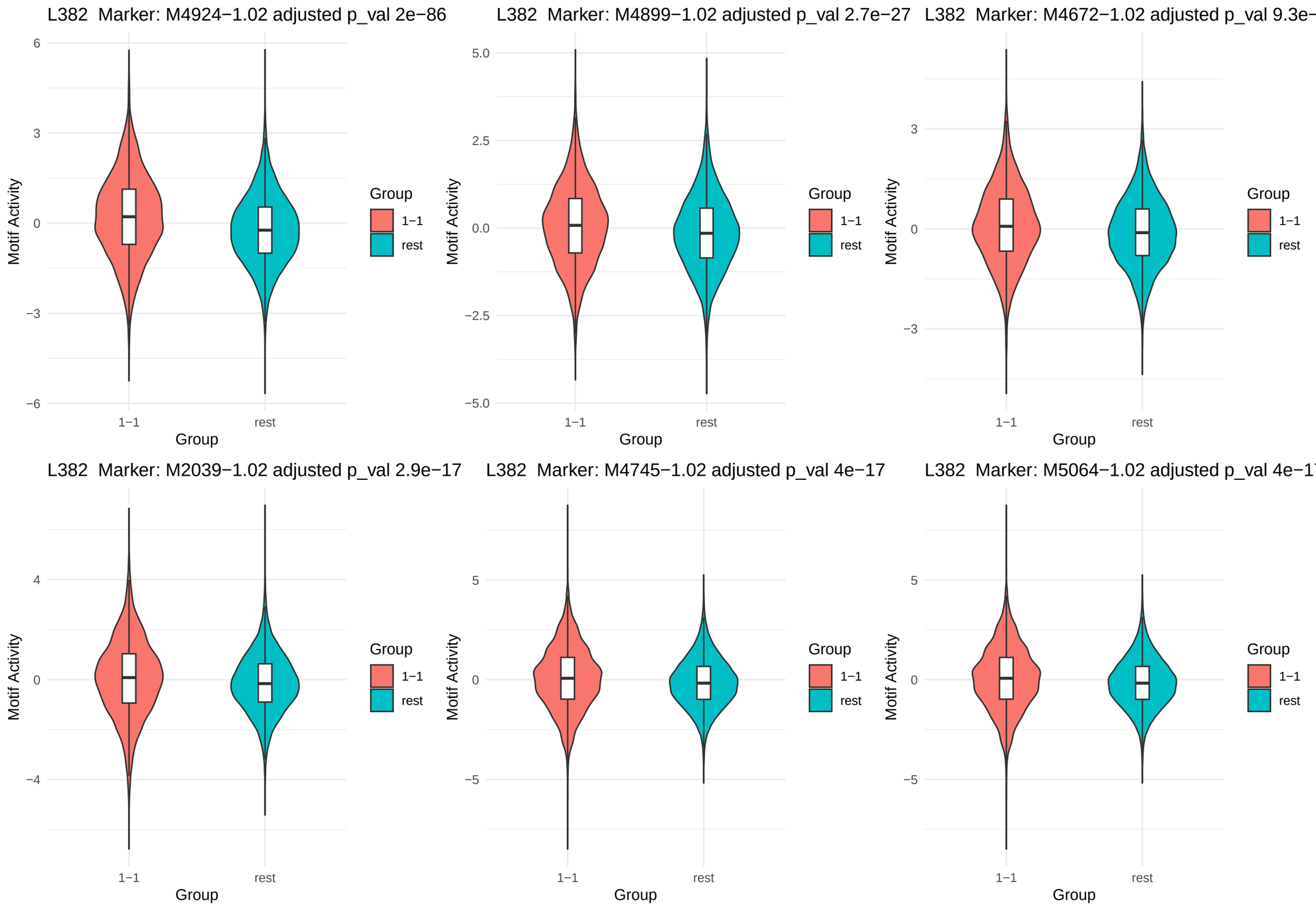

L377 Marker: M4924−1.02 adjusted p_val 1.4e−96
L377 Marker: M4899−1.02 adjusted p_val 5.6e−42
L377 Marker: M4745−1.02 adjusted p_val 6.1e−
L377 Marker: M5064−1.02 adjusted p_val 6.1e−31
L377 Marker: M5273−1.02 adjusted p_val 6.1e−31
L377 Marker: M4724−1.02 adjusted p_val 1.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

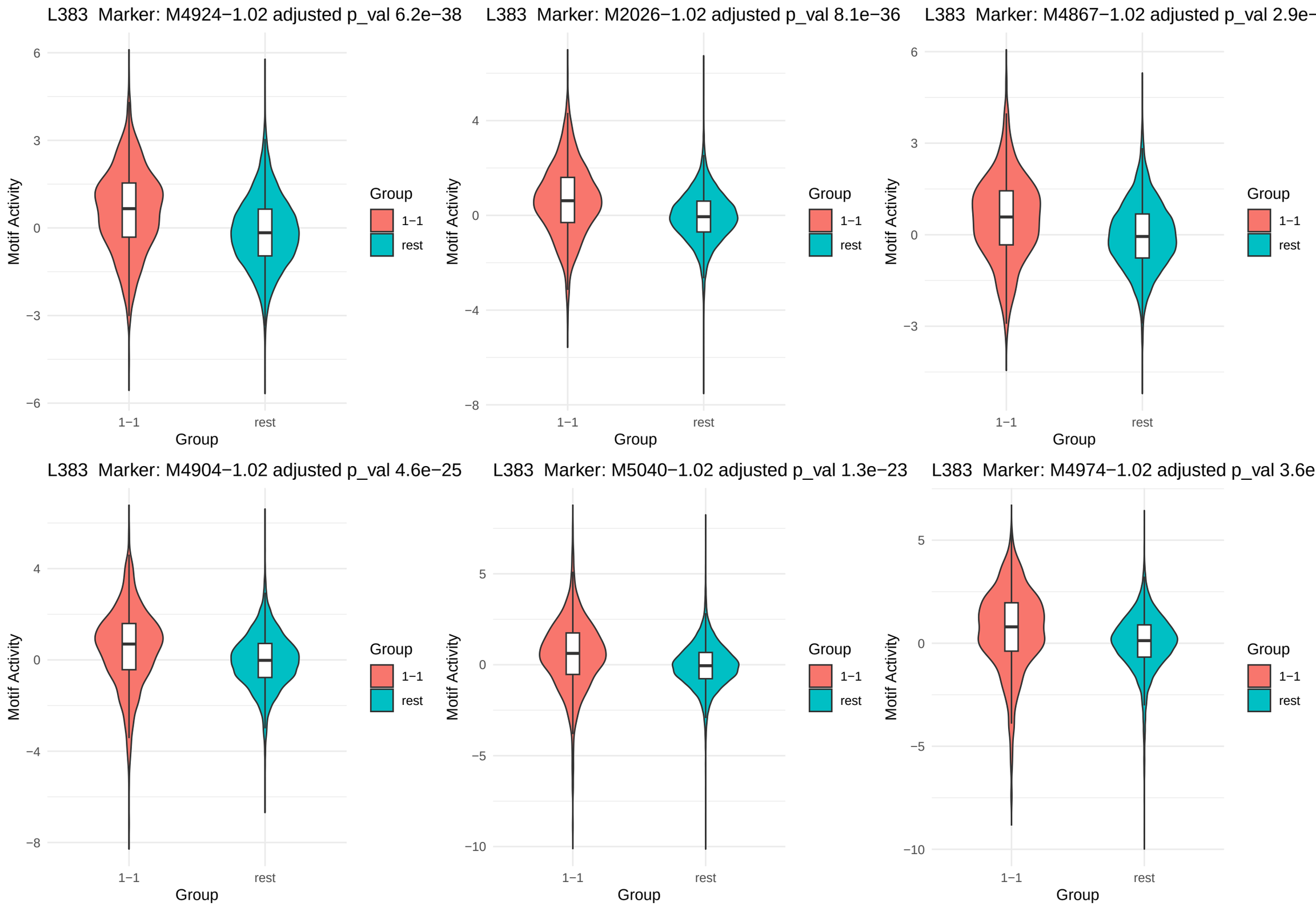

L378 Marker: M4924−1.02 adjusted p_val 7.9e−96
L378 Marker: M4899−1.02 adjusted p_val 1.1e−52
L378 Marker: M2039−1.02 adjusted p_val 7.2e−
L378 Marker: M2013−1.02 adjusted p_val 1.4e−44
L378 Marker: M1913−1.02 adjusted p_val 7.1e−42
L378 Marker: M4745−1.02 adjusted p_val 4.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

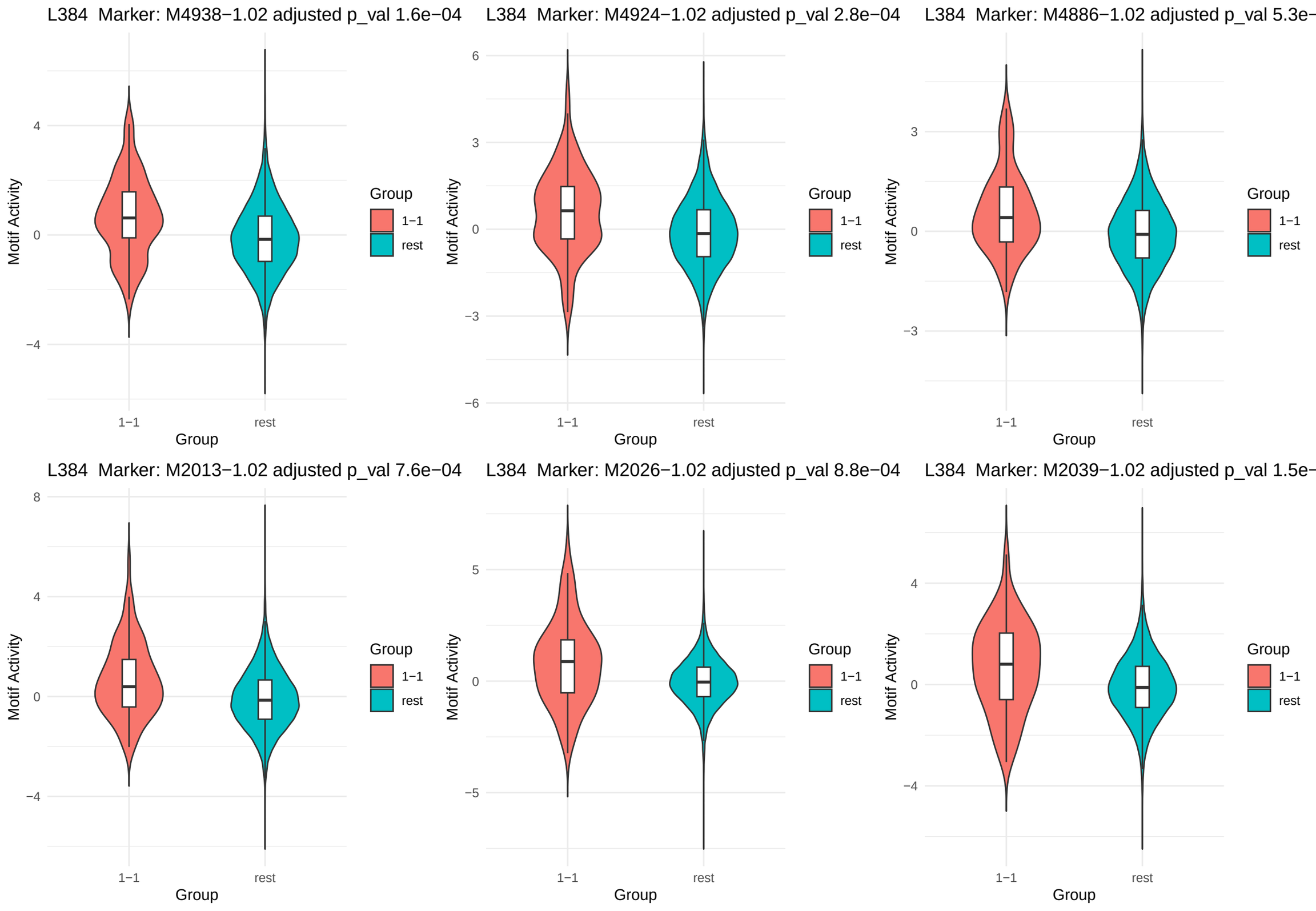

L379 Marker: M4924−1.02 adjusted p_val 3.3e−99
L379 Marker: M2021−1.02 adjusted p_val 6.1e−44
L379 Marker: M4814−1.02 adjusted p_val 5.2e−
L379 Marker: M4974−1.02 adjusted p_val 6.8e−30
L379 Marker: M2039−1.02 adjusted p_val 4.6e−29
L379 Marker: M4904−1.02 adjusted p_val 1e−2
Motif Activity
Group
1−1
rest
Group
1−1
rest

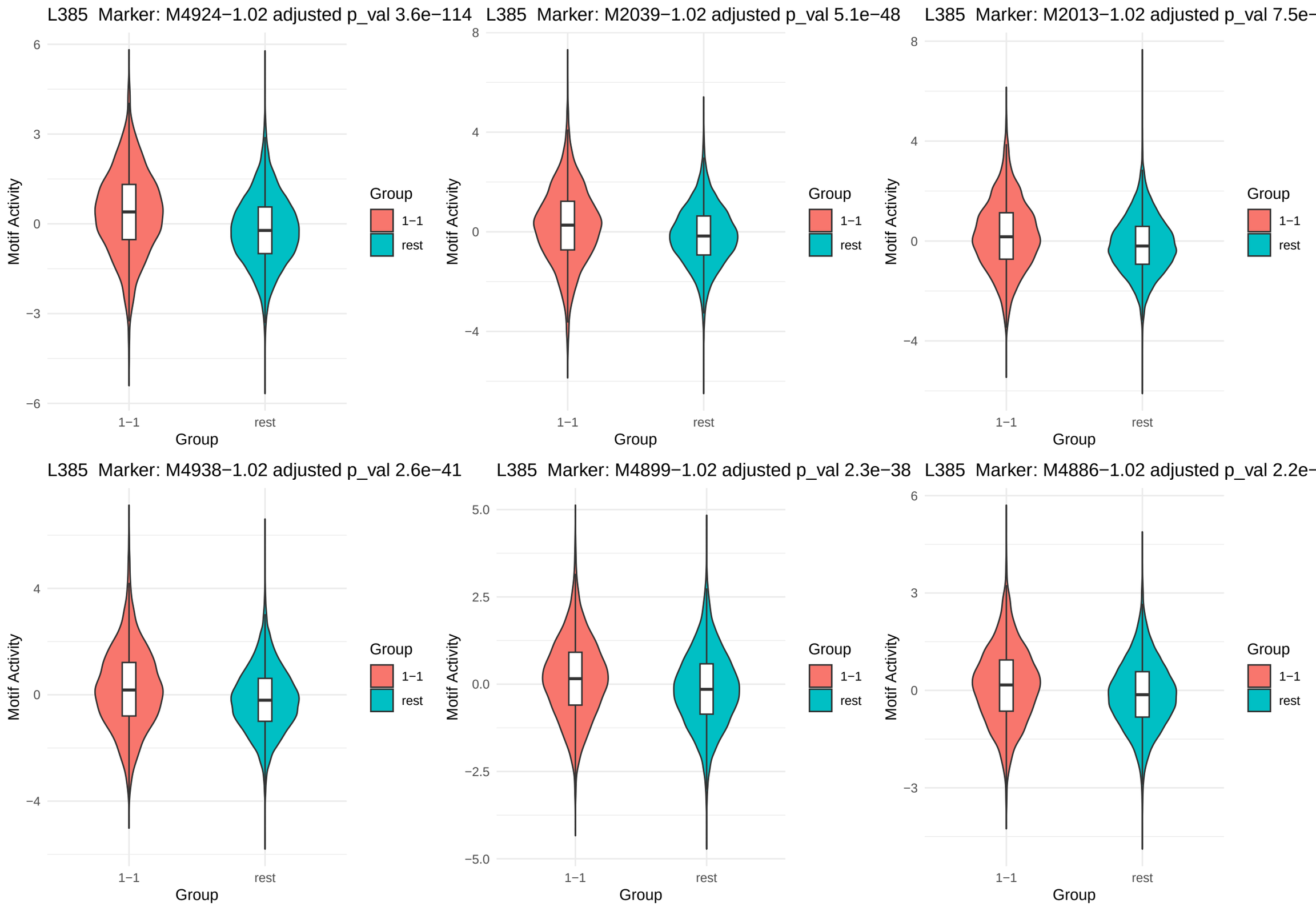

L380 Marker: M4924−1.02 adjusted p_val 1.3e−93
L380 Marker: M2021−1.02 adjusted p_val 8.7e−32
L380 Marker: M4814−1.02 adjusted p_val 1.3e−
L380 Marker: M2039−1.02 adjusted p_val 4.2e−24
L380 Marker: M4886−1.02 adjusted p_val 2.5e−23
L380 Marker: M2013−1.02 adjusted p_val 3.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

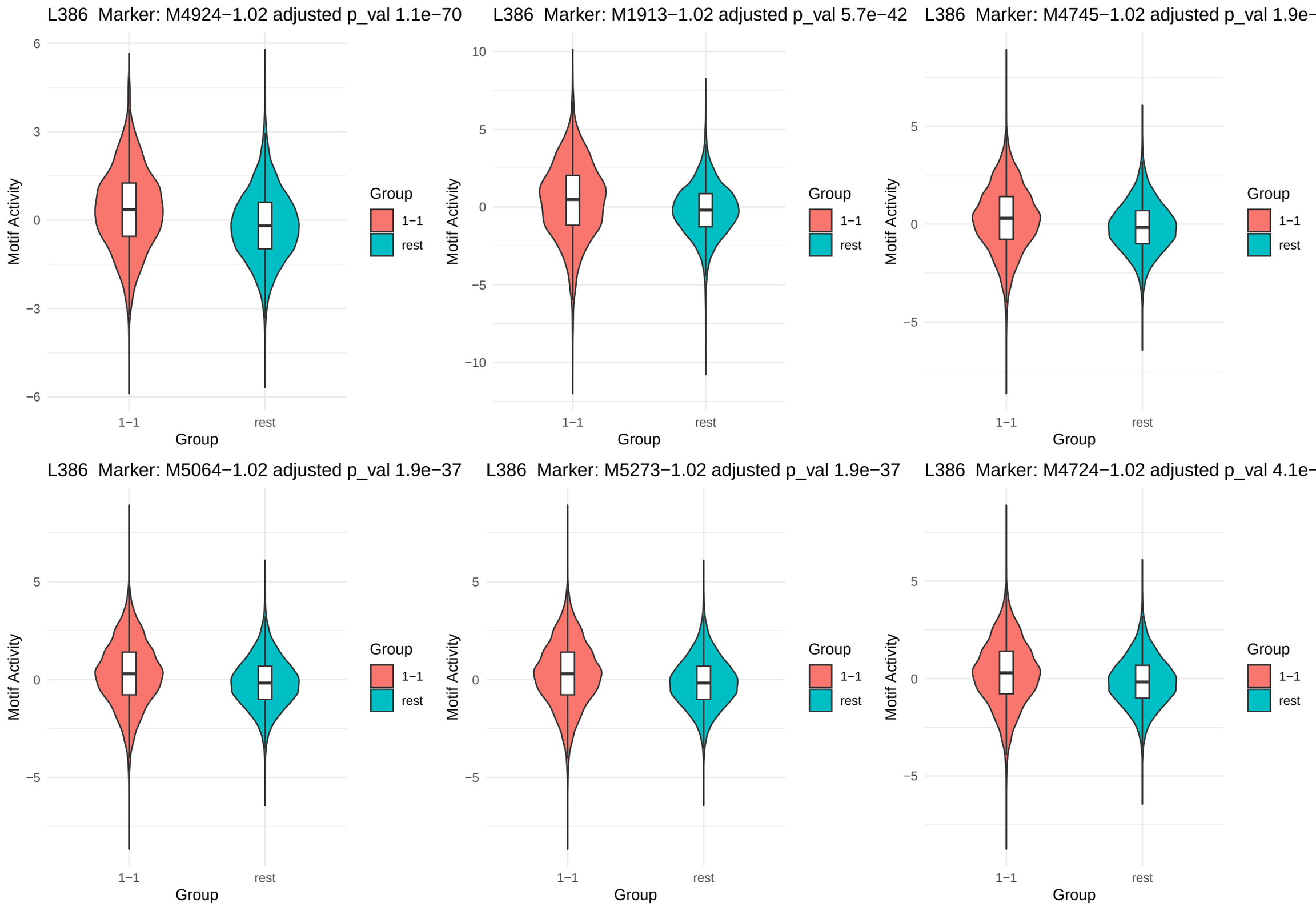

L381 Marker: M4924−1.02 adjusted p_val 9.2e−47
L381 Marker: M1913−1.02 adjusted p_val 7.7e−26
L381 Marker: M4745−1.02 adjusted p_val 2.1e−
L381 Marker: M5064−1.02 adjusted p_val 2.1e−21
L381 Marker: M5273−1.02 adjusted p_val 2.1e−21
L381 Marker: M4724−1.02 adjusted p_val 2.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

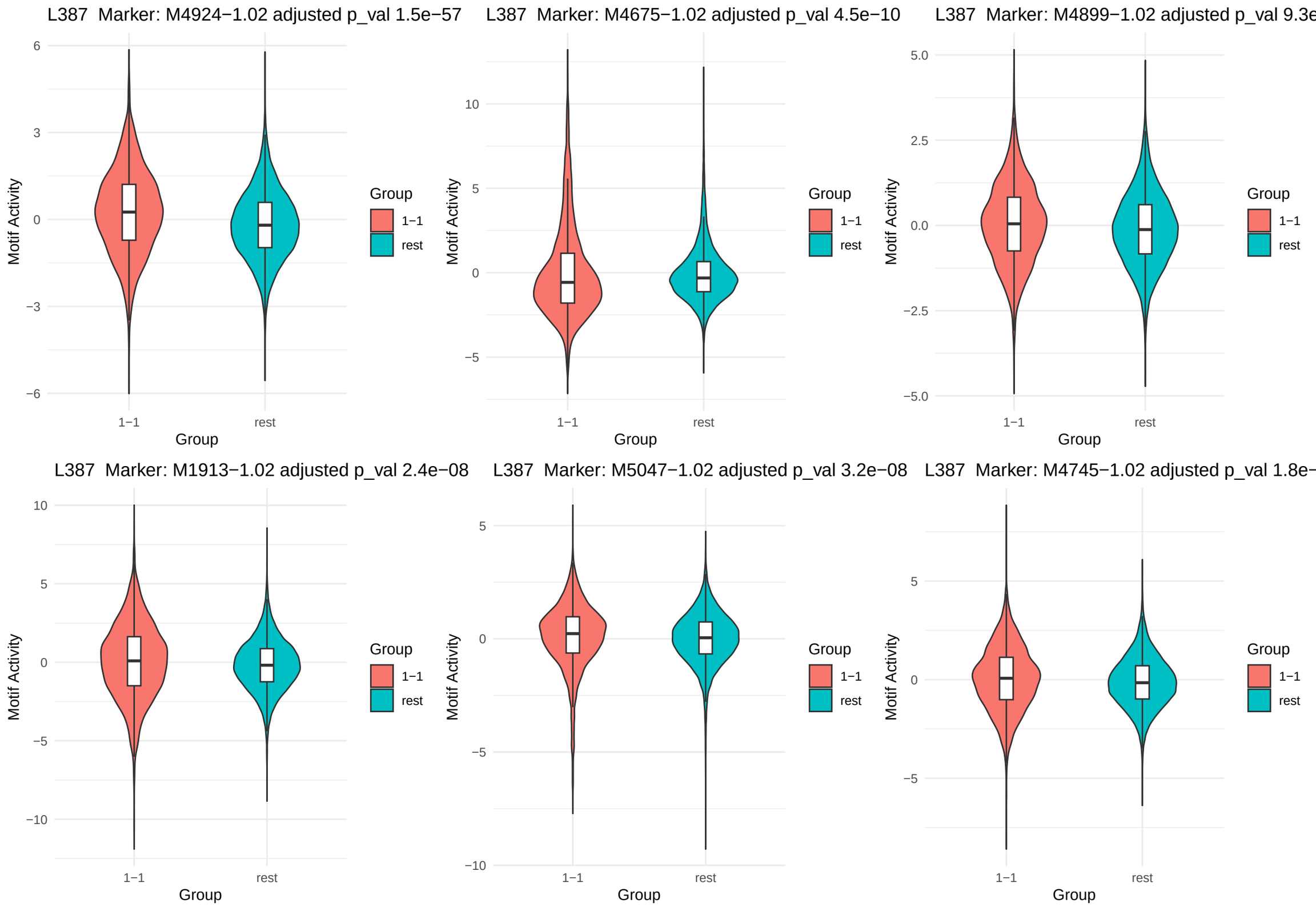

L382 Marker: M4924−1.02 adjusted p_val 2e−86
L382 Marker: M4899−1.02 adjusted p_val 2.7e−27
L382 Marker: M4672−1.02 adjusted p_val 9.3e−
L382 Marker: M2039−1.02 adjusted p_val 2.9e−17
L382 Marker: M4745−1.02 adjusted p_val 4e−17
L382 Marker: M5064−1.02 adjusted p_val 4e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

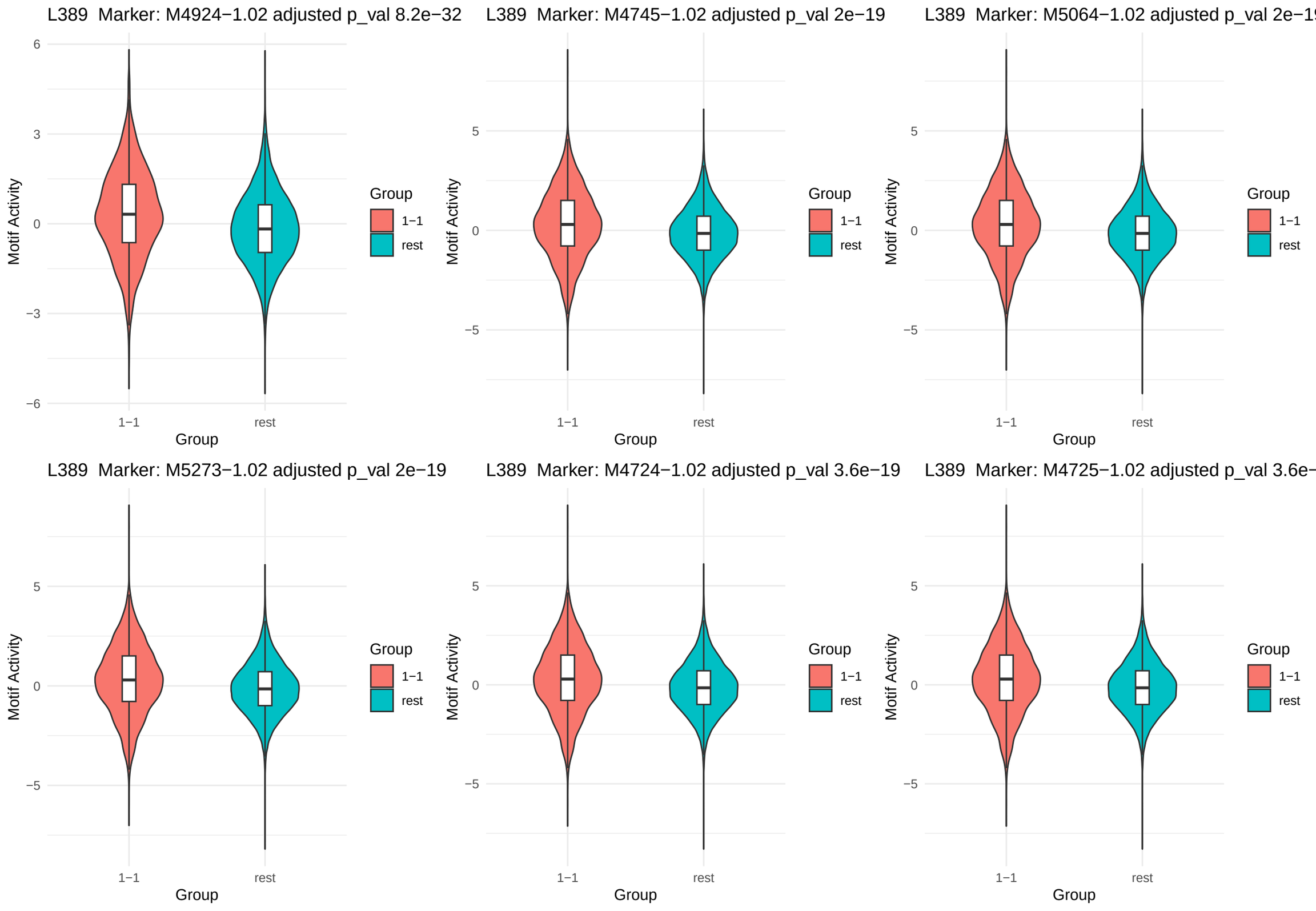

L383 Marker: M4924−1.02 adjusted p_val 6.2e−38
L383 Marker: M2026−1.02 adjusted p_val 8.1e−36
L383 Marker: M4867−1.02 adjusted p_val 2.9e−
L383 Marker: M4904−1.02 adjusted p_val 4.6e−25
L383 Marker: M5040−1.02 adjusted p_val 1.3e−23
L383 Marker: M4974−1.02 adjusted p_val 3.6e
Motif Activity
Group
1−1
rest
Group
1−1
rest

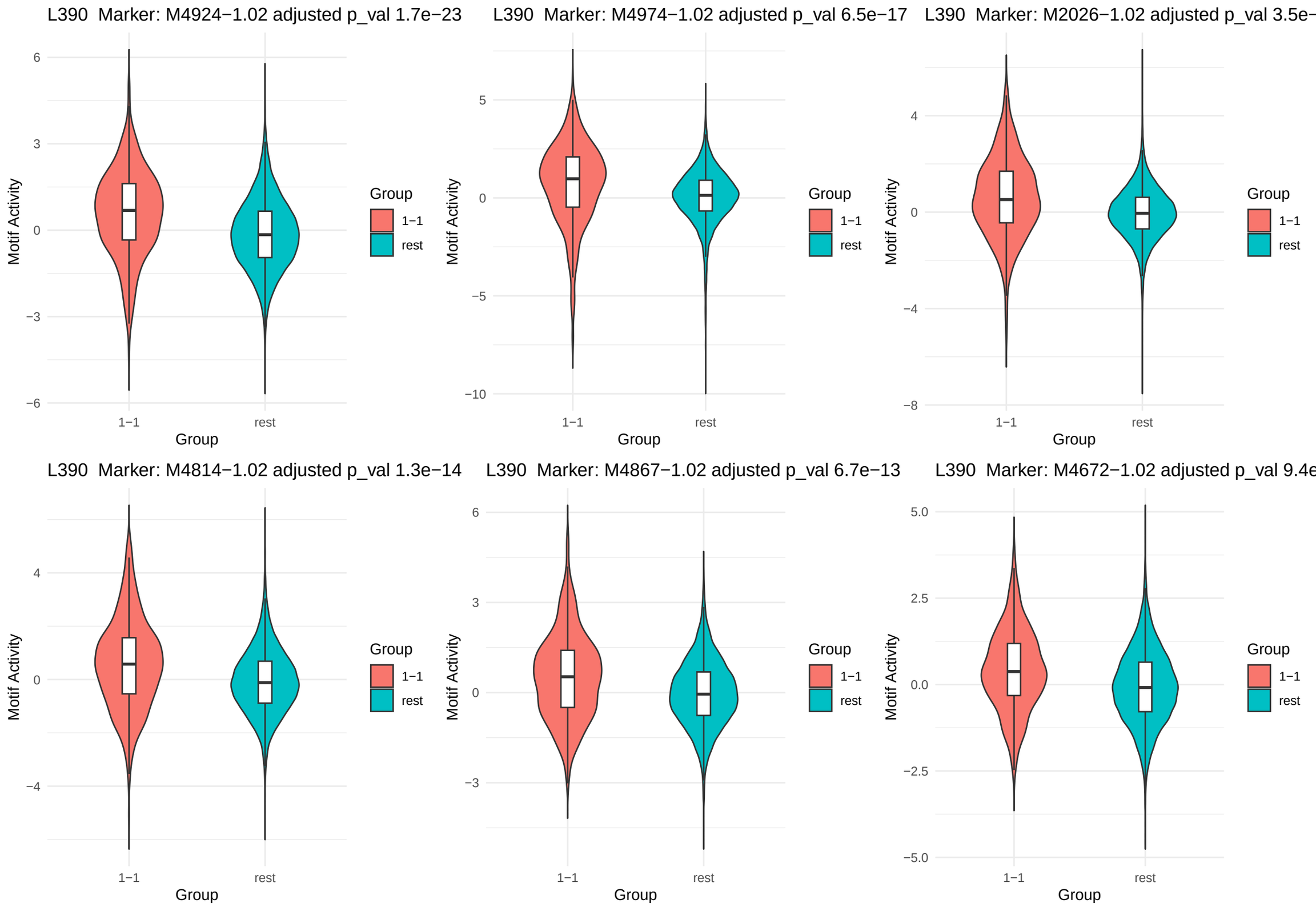

L384 Marker: M4938−1.02 adjusted p_val 1.6e−04
L384 Marker: M4924−1.02 adjusted p_val 2.8e−04
L384 Marker: M4886−1.02 adjusted p_val 5.3e−
L384 Marker: M2013−1.02 adjusted p_val 7.6e−04
L384 Marker: M2026−1.02 adjusted p_val 8.8e−04
L384 Marker: M2039−1.02 adjusted p_val 1.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

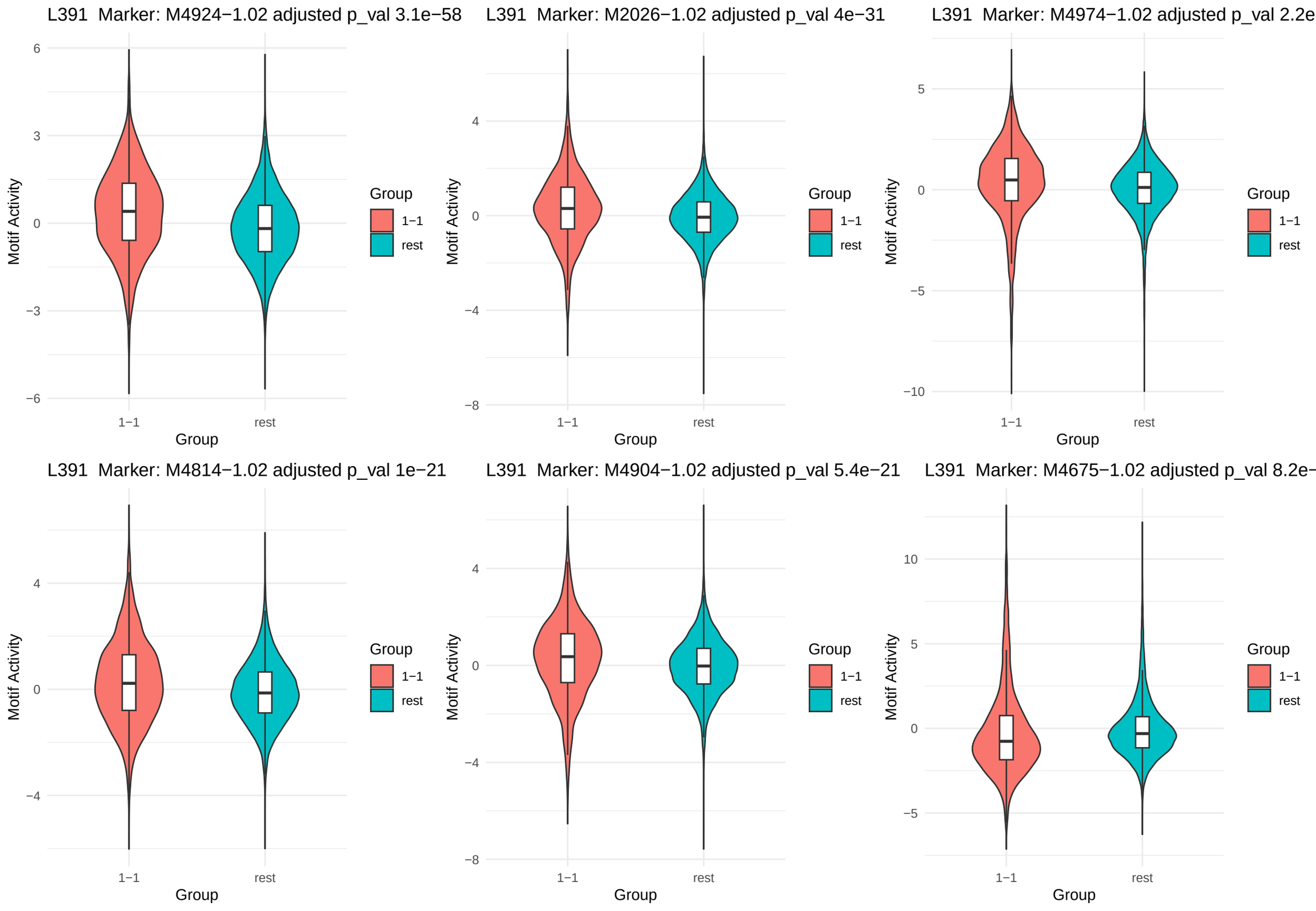

L385 Marker: M4924−1.02 adjusted p_val 3.6e−114
L385 Marker: M2039−1.02 adjusted p_val 5.1e−48
L385 Marker: M2013−1.02 adjusted p_val 7.5e−
L385 Marker: M4938−1.02 adjusted p_val 2.6e−41
L385 Marker: M4899−1.02 adjusted p_val 2.3e−38
L385 Marker: M4886−1.02 adjusted p_val 2.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

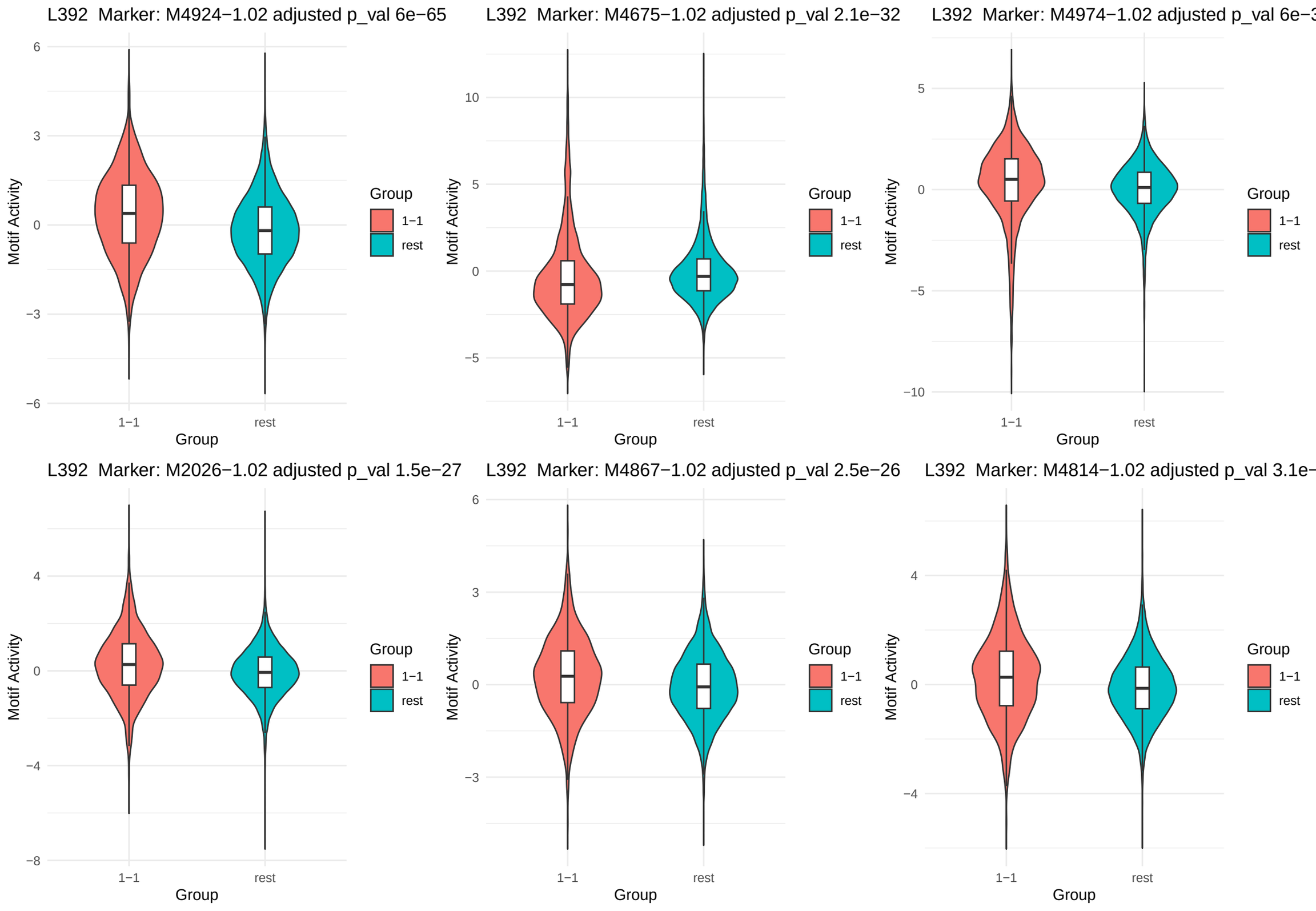

L386 Marker: M4924−1.02 adjusted p_val 1.1e−70
L386 Marker: M1913−1.02 adjusted p_val 5.7e−42
L386 Marker: M4745−1.02 adjusted p_val 1.9e−
L386 Marker: M5064−1.02 adjusted p_val 1.9e−37
L386 Marker: M5273−1.02 adjusted p_val 1.9e−37
L386 Marker: M4724−1.02 adjusted p_val 4.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

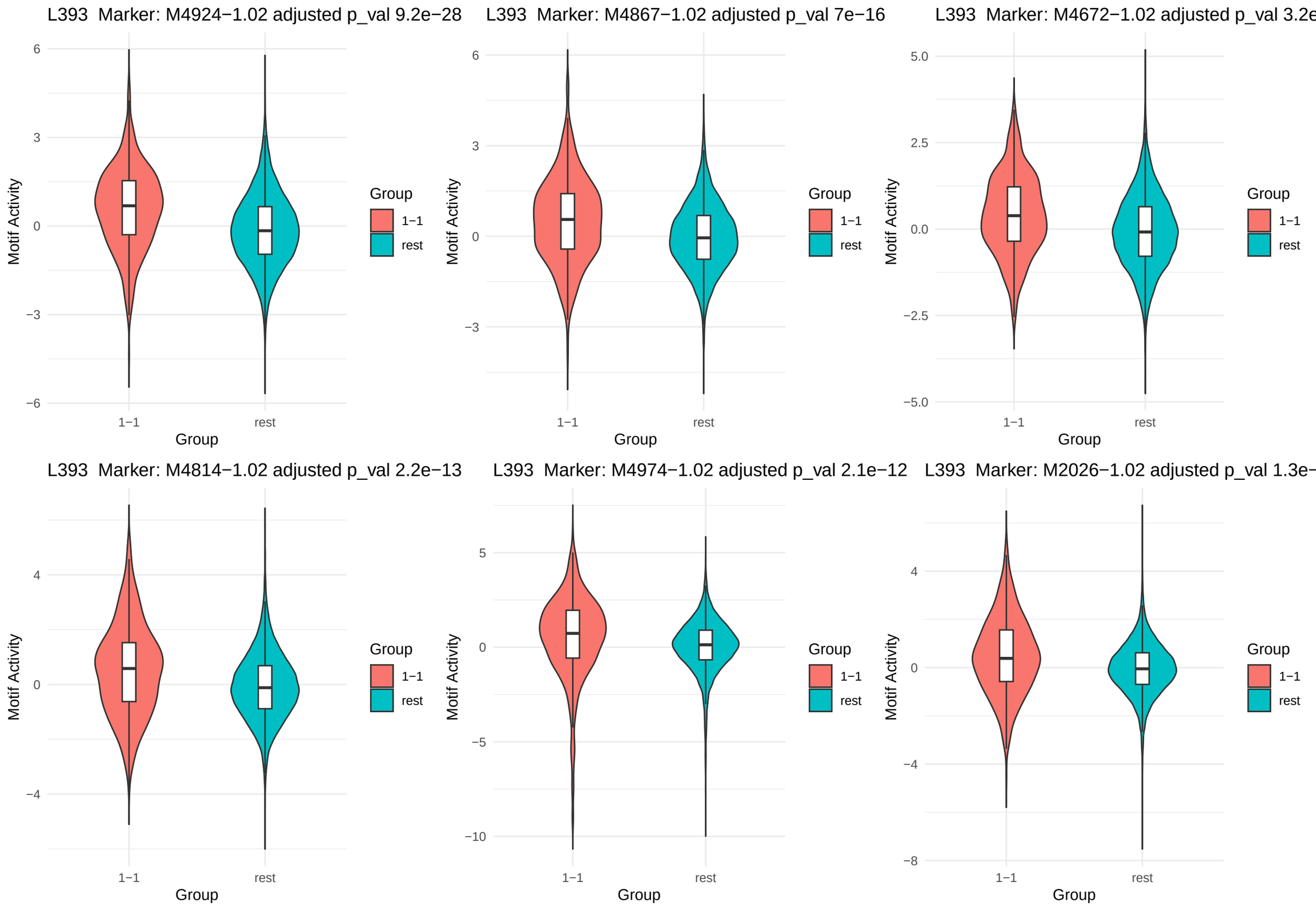

L387 Marker: M4924−1.02 adjusted p_val 1.5e−57
L387 Marker: M4675−1.02 adjusted p_val 4.5e−10
L387 Marker: M4899−1.02 adjusted p_val 9.3e
L387 Marker: M1913−1.02 adjusted p_val 2.4e−08
L387 Marker: M5047−1.02 adjusted p_val 3.2e−08
L387 Marker: M4745−1.02 adjusted p_val 1.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

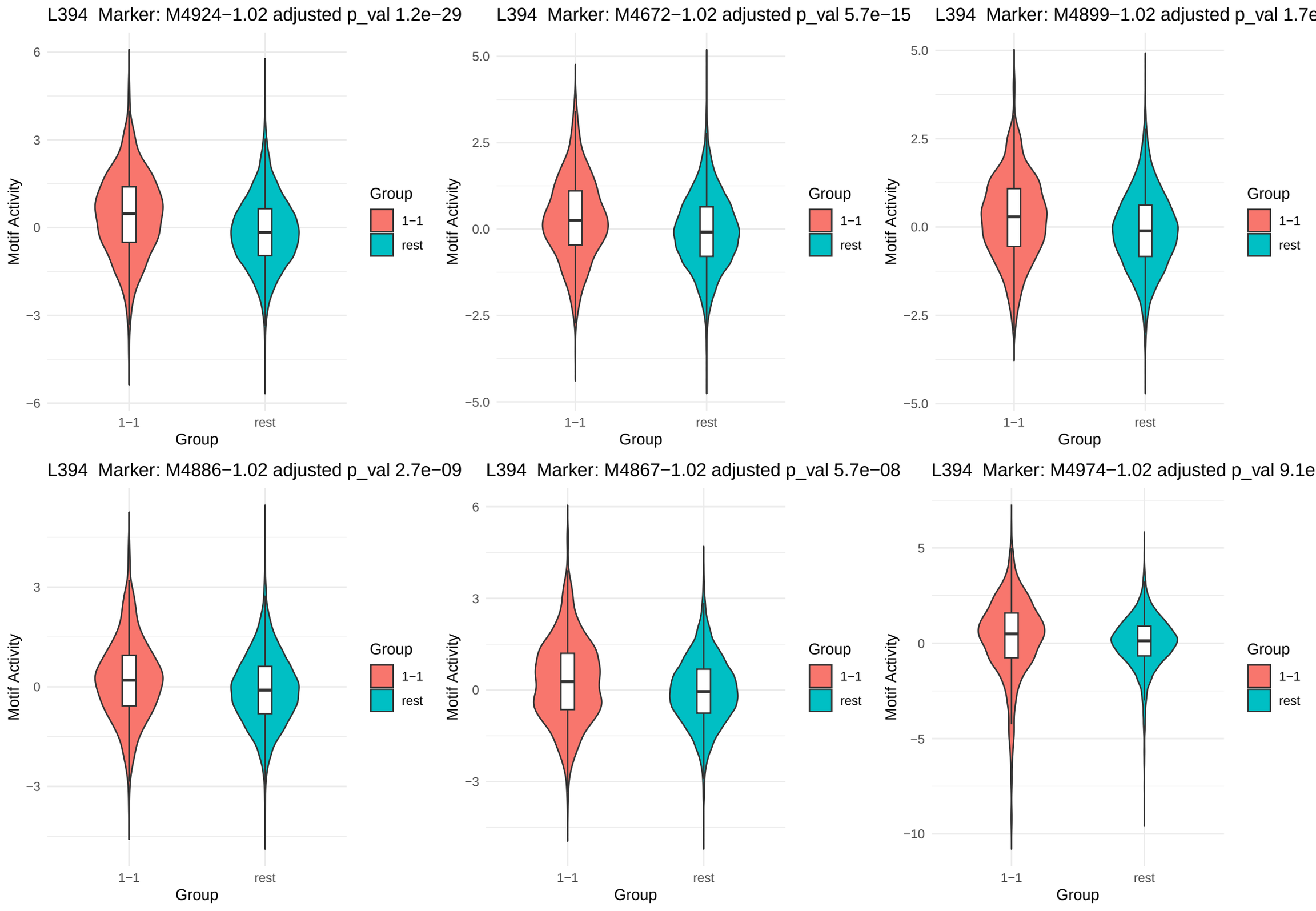

L389 Marker: M4924−1.02 adjusted p_val 8.2e−32
L389 Marker: M4745−1.02 adjusted p_val 2e−19
L389 Marker: M5064−1.02 adjusted p_val 2e−19
L389 Marker: M5273−1.02 adjusted p_val 2e−19
L389 Marker: M4724−1.02 adjusted p_val 3.6e−19
L389 Marker: M4725−1.02 adjusted p_val 3.6e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

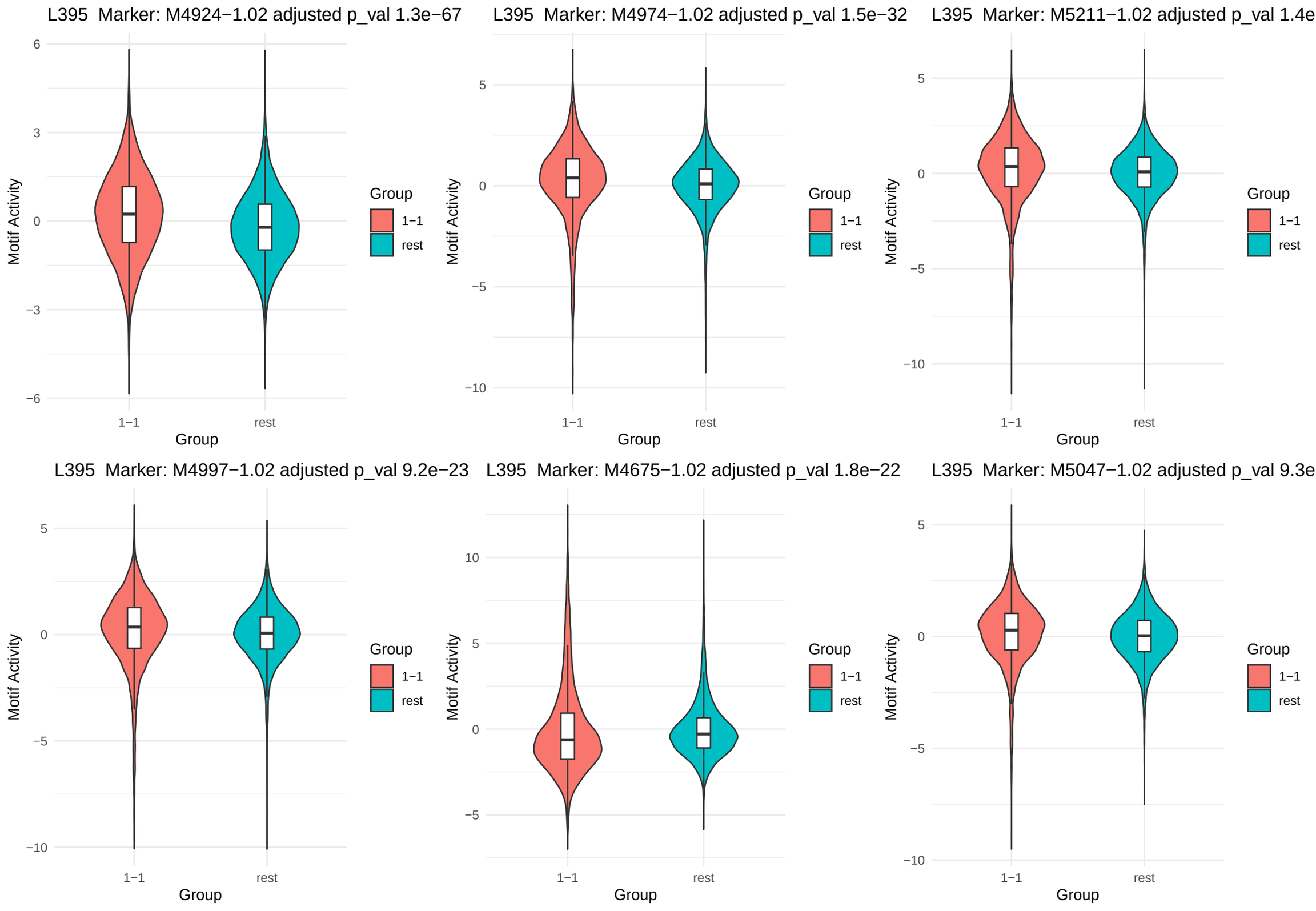

L390 Marker: M4924−1.02 adjusted p_val 1.7e−23
L390 Marker: M4974−1.02 adjusted p_val 6.5e−17
L390 Marker: M2026−1.02 adjusted p_val 3.5e−
L390 Marker: M4814−1.02 adjusted p_val 1.3e−14
L390 Marker: M4867−1.02 adjusted p_val 6.7e−13
L390 Marker: M4672−1.02 adjusted p_val 9.4e
Motif Activity
Group
1−1
rest
Group
1−1
rest

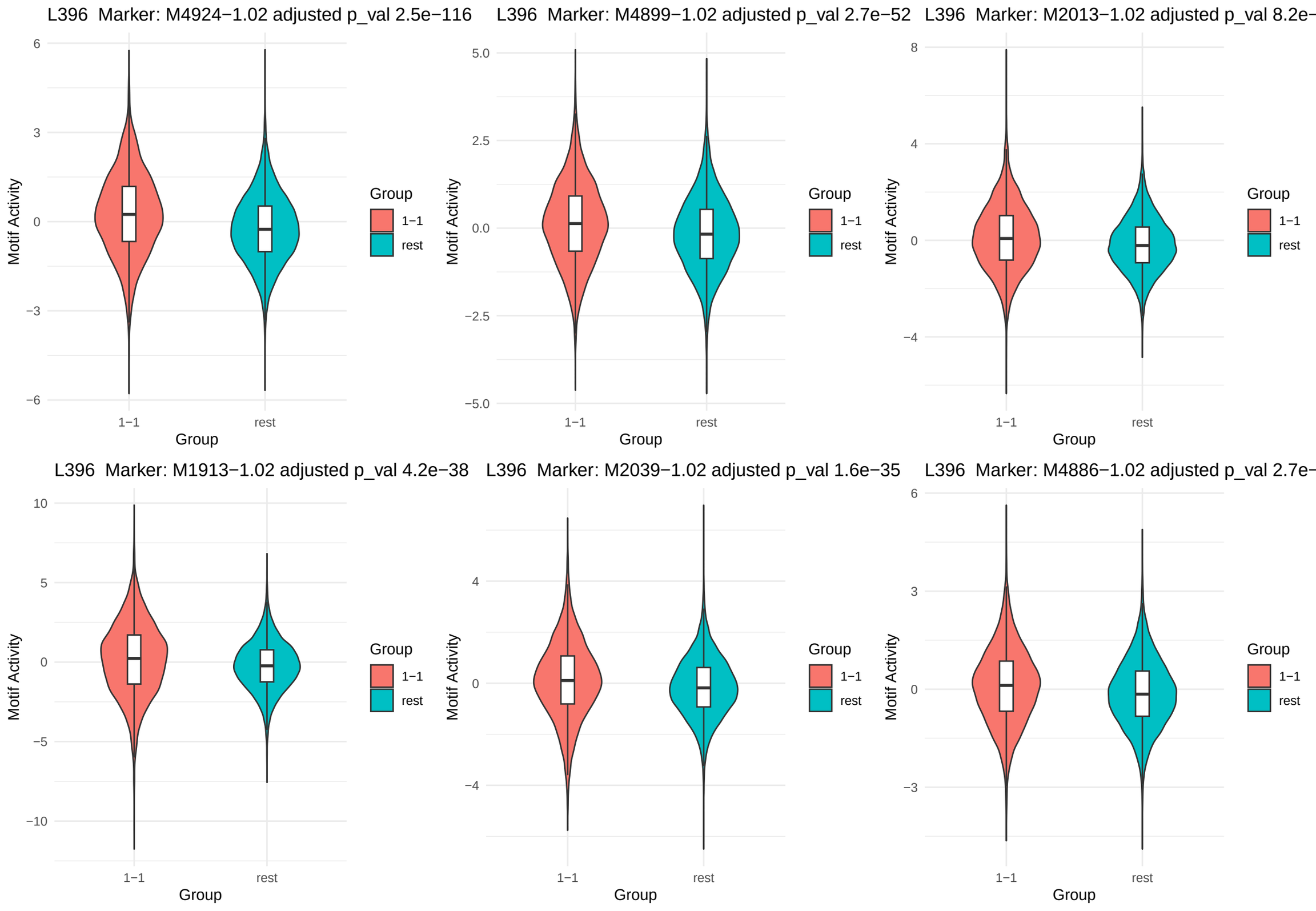

L391 Marker: M4924−1.02 adjusted p_val 3.1e−58
L391 Marker: M2026−1.02 adjusted p_val 4e−31
L391 Marker: M4974−1.02 adjusted p_val 2.2e
L391 Marker: M4814−1.02 adjusted p_val 1e−21
L391 Marker: M4904−1.02 adjusted p_val 5.4e−21
L391 Marker: M4675−1.02 adjusted p_val 8.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

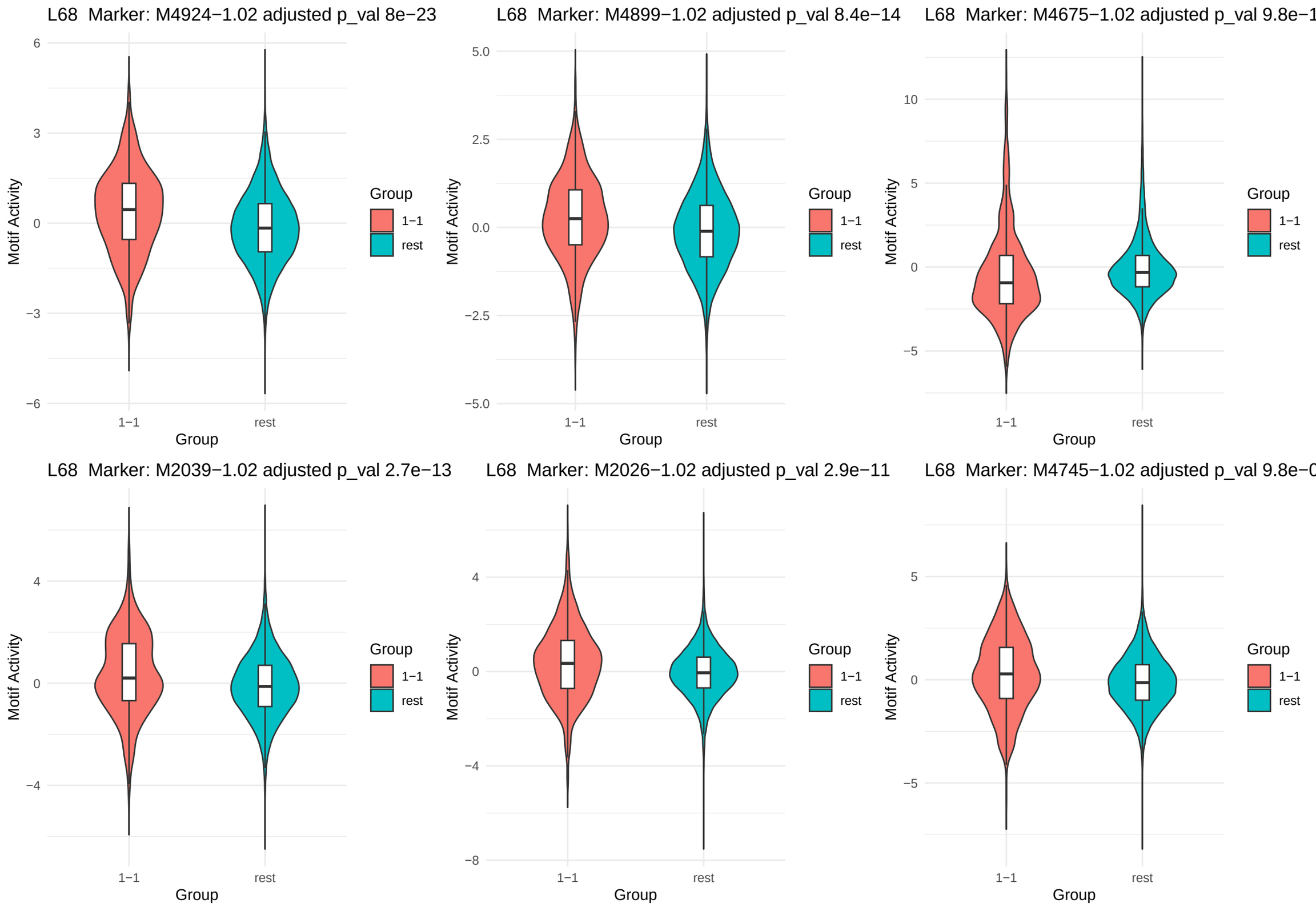

L392 Marker: M4924−1.02 adjusted p_val 6e−65
L392 Marker: M4675−1.02 adjusted p_val 2.1e−32
L392 Marker: M4974−1.02 adjusted p_val 6e−3
L392 Marker: M2026−1.02 adjusted p_val 1.5e−27
L392 Marker: M4867−1.02 adjusted p_val 2.5e−26
L392 Marker: M4814−1.02 adjusted p_val 3.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

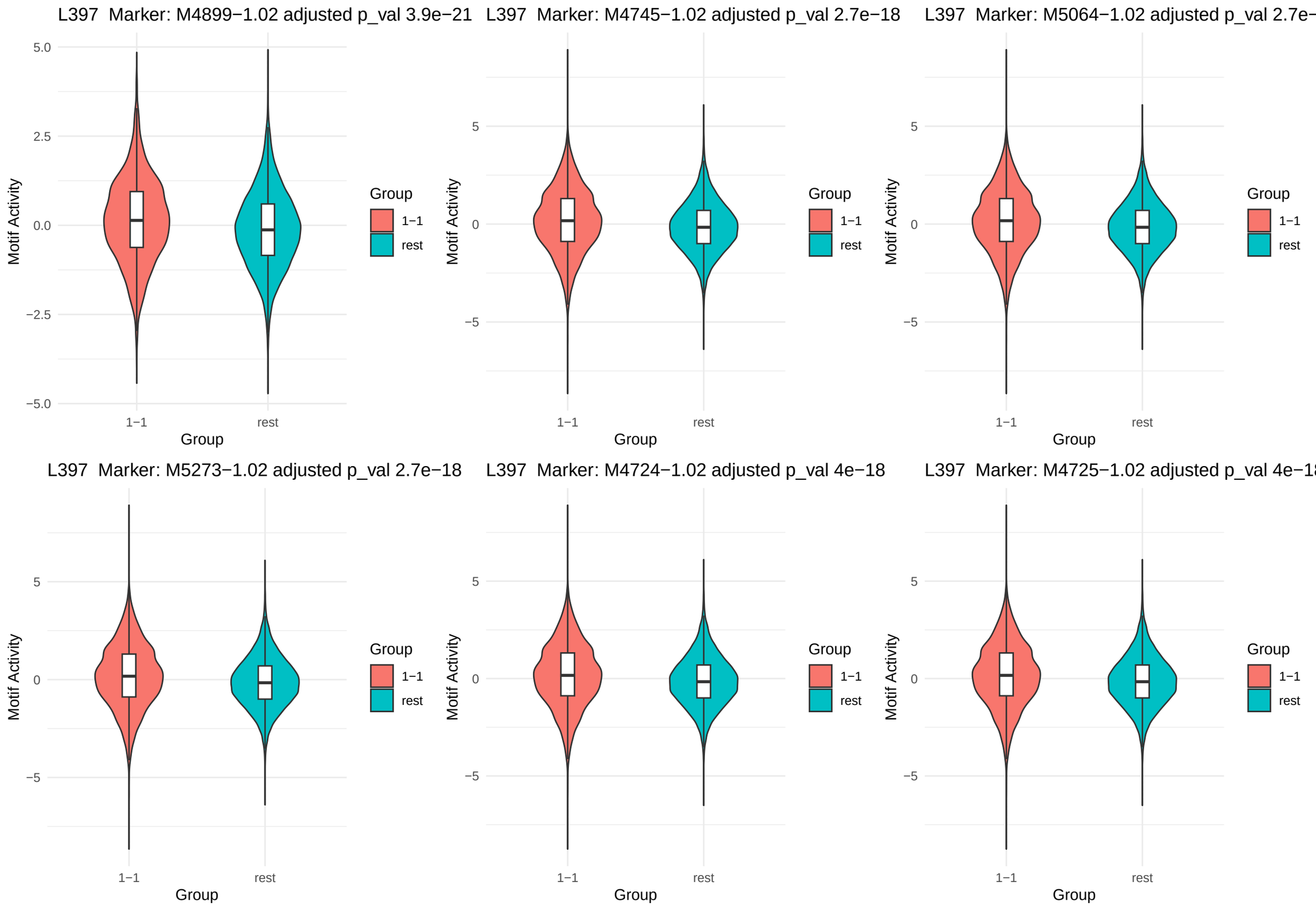

L393 Marker: M4924−1.02 adjusted p_val 9.2e−28
L393 Marker: M4867−1.02 adjusted p_val 7e−16
L393 Marker: M4672−1.02 adjusted p_val 3.2e
L393 Marker: M4814−1.02 adjusted p_val 2.2e−13
L393 Marker: M4974−1.02 adjusted p_val 2.1e−12
L393 Marker: M2026−1.02 adjusted p_val 1.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

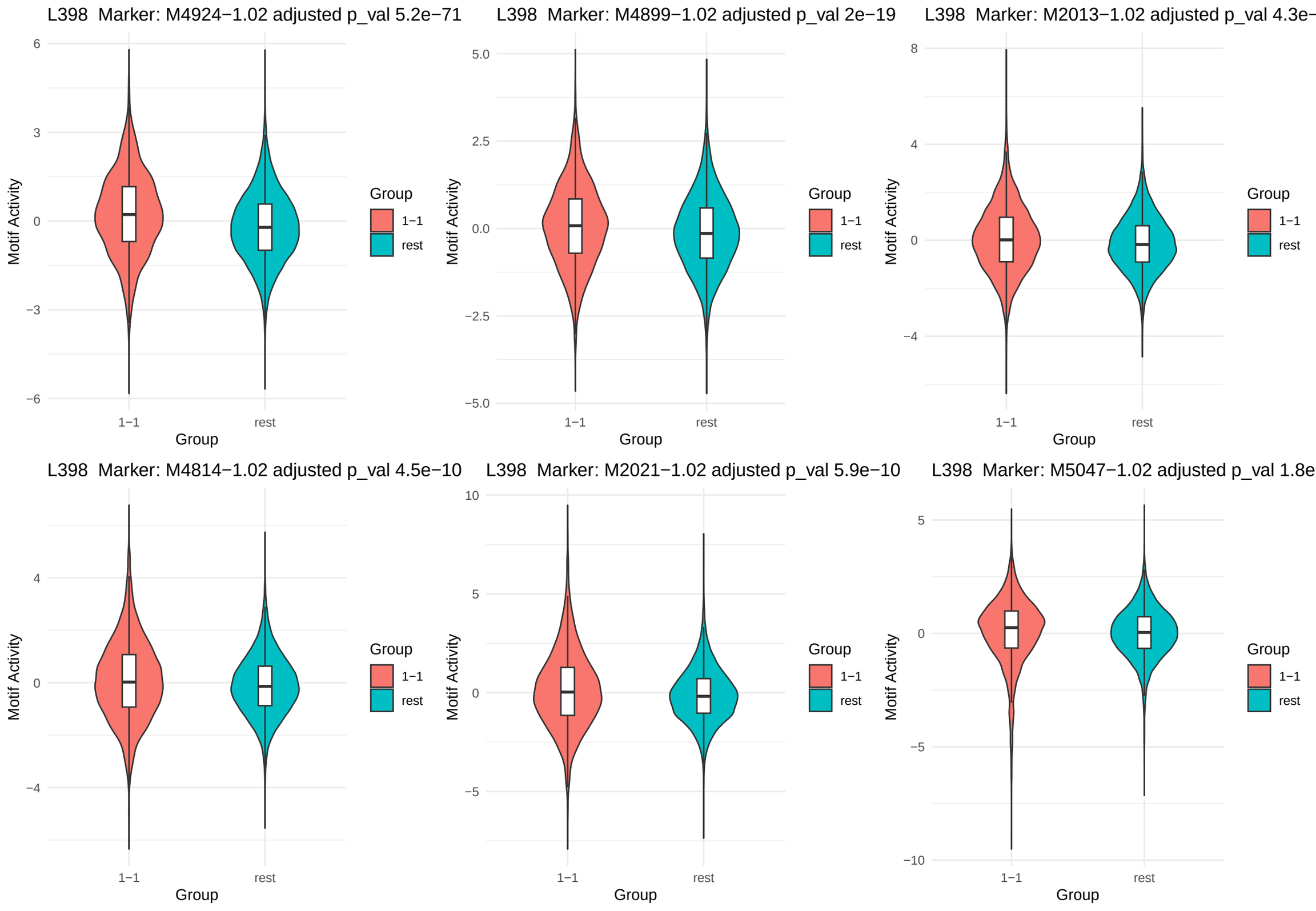

L394 Marker: M4924−1.02 adjusted p_val 1.2e−29
L394 Marker: M4672−1.02 adjusted p_val 5.7e−15
L394 Marker: M4899−1.02 adjusted p_val 1.7e
L394 Marker: M4886−1.02 adjusted p_val 2.7e−09
L394 Marker: M4867−1.02 adjusted p_val 5.7e−08
L394 Marker: M4974−1.02 adjusted p_val 9.1e
Motif Activity
Group
1−1
rest
Group
1−1
rest

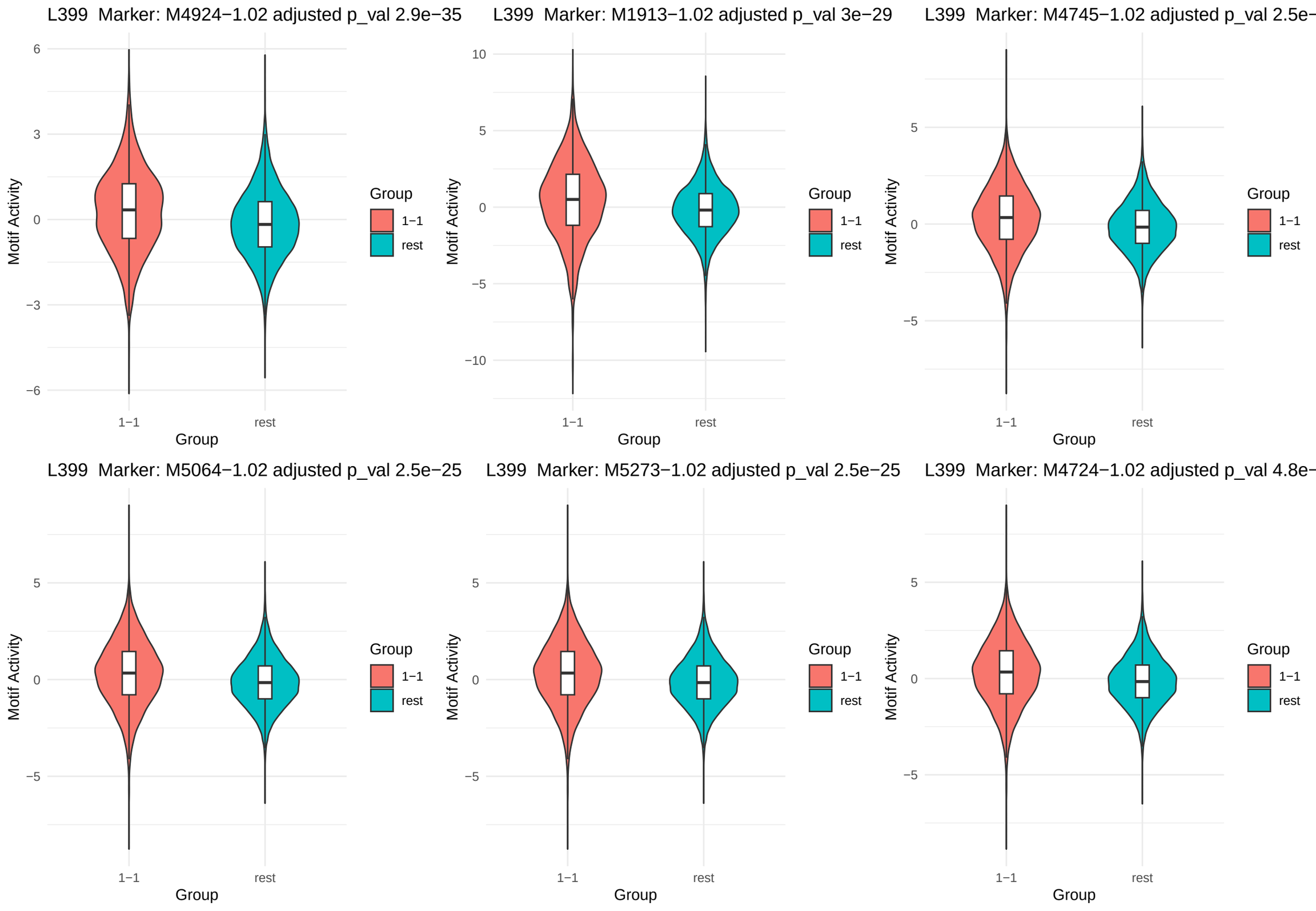

L395 Marker: M4924−1.02 adjusted p_val 1.3e−67
L395 Marker: M4974−1.02 adjusted p_val 1.5e−32
L395 Marker: M5211−1.02 adjusted p_val 1.4e
L395 Marker: M4997−1.02 adjusted p_val 9.2e−23
L395 Marker: M4675−1.02 adjusted p_val 1.8e−22
L395 Marker: M5047−1.02 adjusted p_val 9.3e
Motif Activity
Group
1−1
rest
Group
1−1
rest

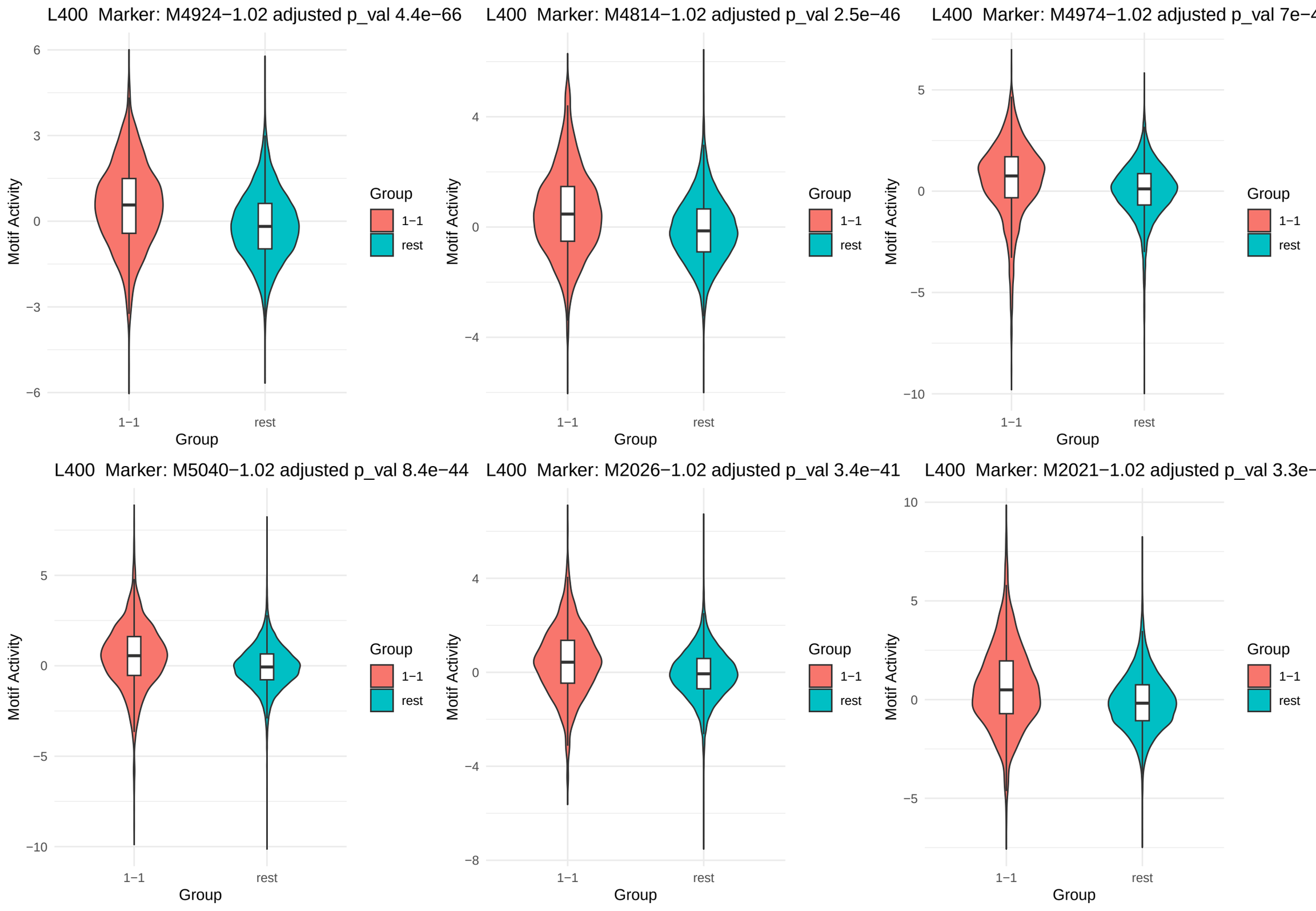

L396 Marker: M4924−1.02 adjusted p_val 2.5e−116
L396 Marker: M4899−1.02 adjusted p_val 2.7e−52
L396 Marker: M2013−1.02 adjusted p_val 8.2e−
L396 Marker: M1913−1.02 adjusted p_val 4.2e−38
L396 Marker: M2039−1.02 adjusted p_val 1.6e−35
L396 Marker: M4886−1.02 adjusted p_val 2.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

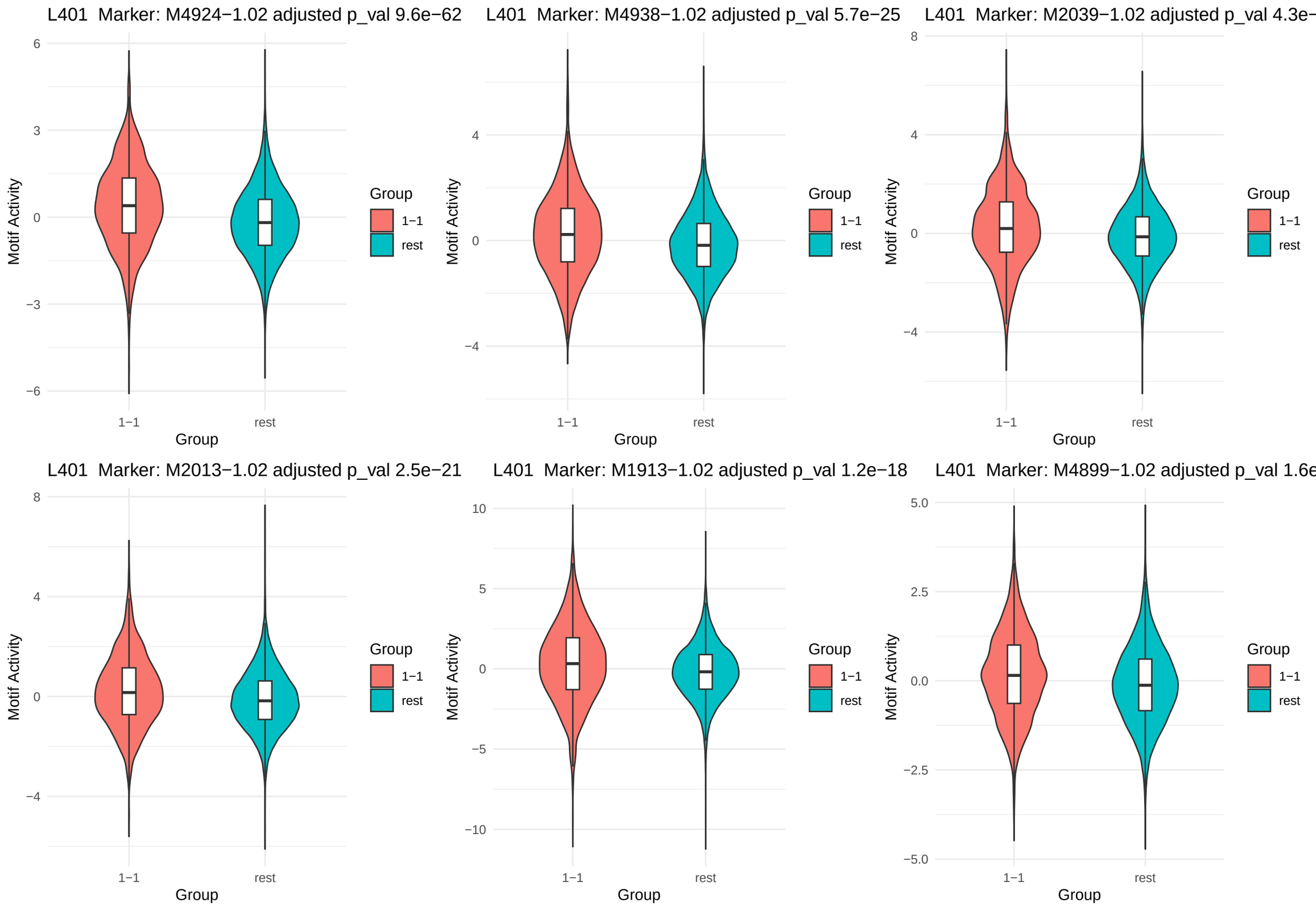

L68 Marker: M4924−1.02 adjusted p_val 8e−23
L68 Marker: M4899−1.02 adjusted p_val 8.4e−14
L68 Marker: M4675−1.02 adjusted p_val 9.8e−1
L68 Marker: M2039−1.02 adjusted p_val 2.7e−13
L68 Marker: M2026−1.02 adjusted p_val 2.9e−11
L68 Marker: M4745−1.02 adjusted p_val 9.8e−0
Motif Activity
Group
1−1
rest
Group
1−1
rest

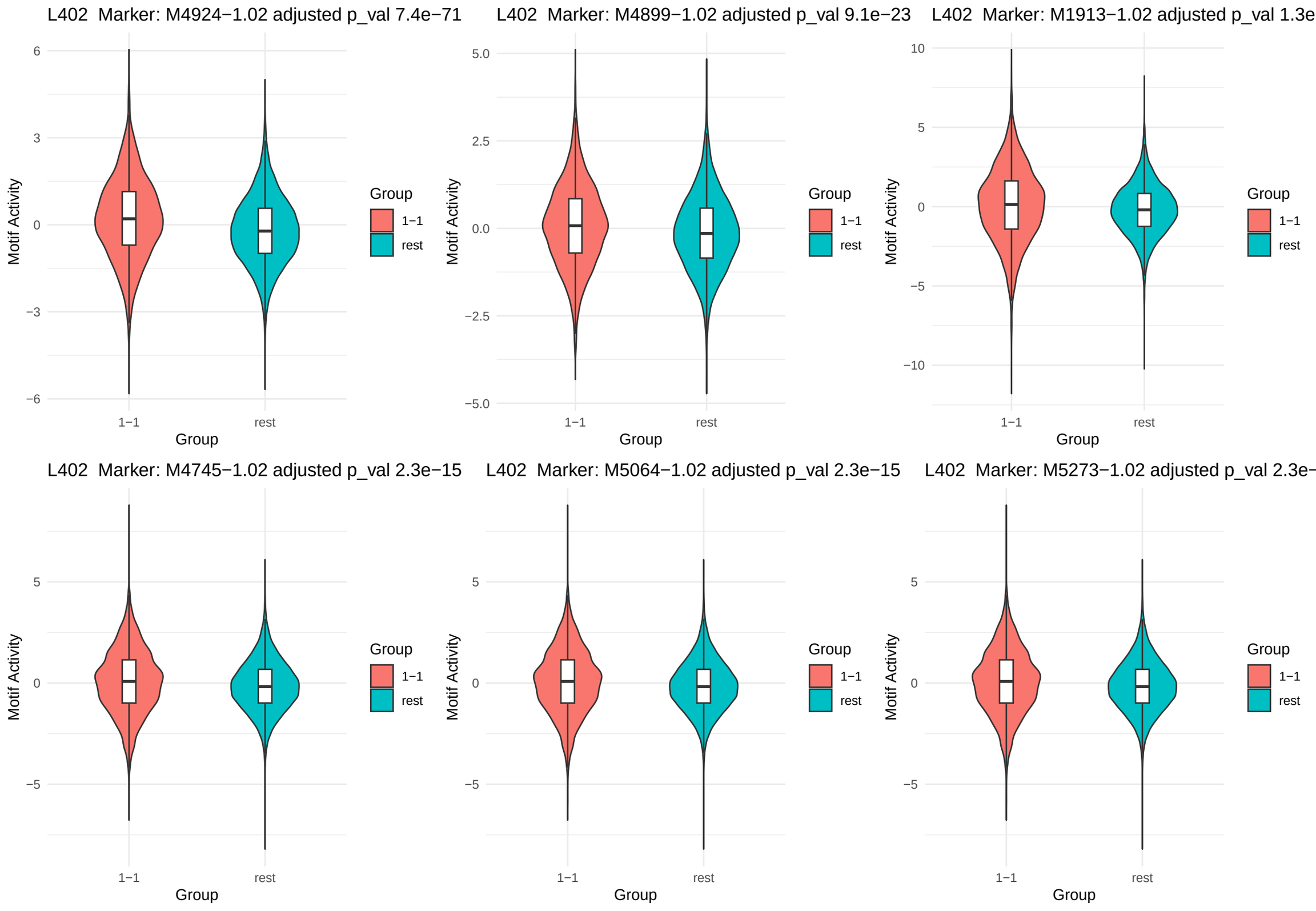

L397 Marker: M4899−1.02 adjusted p_val 3.9e−21
L397 Marker: M4745−1.02 adjusted p_val 2.7e−18
L397 Marker: M5064−1.02 adjusted p_val 2.7e−
L397 Marker: M5273−1.02 adjusted p_val 2.7e−18
L397 Marker: M4724−1.02 adjusted p_val 4e−18
L397 Marker: M4725−1.02 adjusted p_val 4e−1
Motif Activity
Group
1−1
rest
Group
1−1
rest

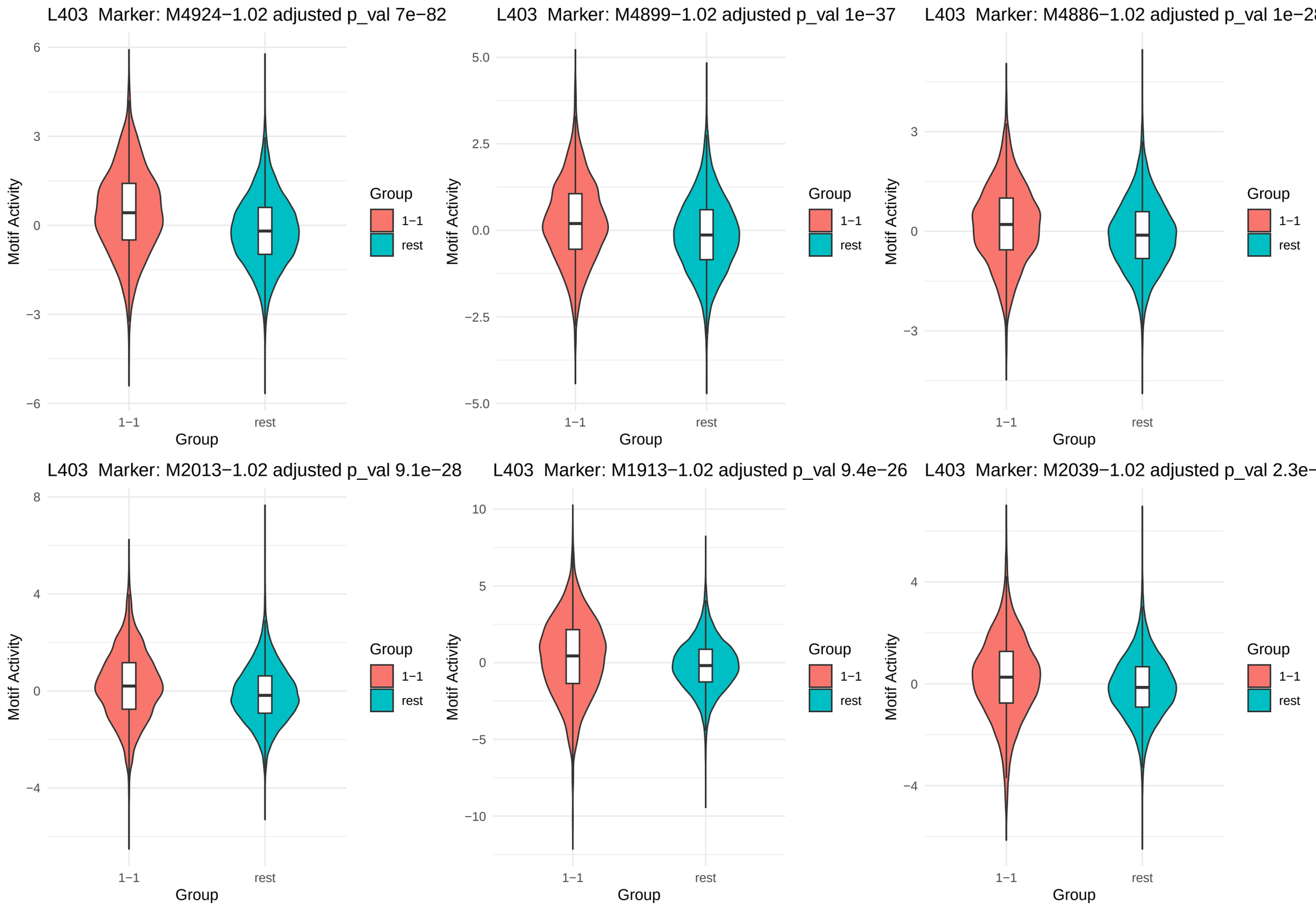

L398 Marker: M4924−1.02 adjusted p_val 5.2e−71
L398 Marker: M4899−1.02 adjusted p_val 2e−19
L398 Marker: M2013−1.02 adjusted p_val 4.3e−
L398 Marker: M4814−1.02 adjusted p_val 4.5e−10
L398 Marker: M2021−1.02 adjusted p_val 5.9e−10
L398 Marker: M5047−1.02 adjusted p_val 1.8e
Motif Activity
Group
1−1
rest
Group
1−1
rest

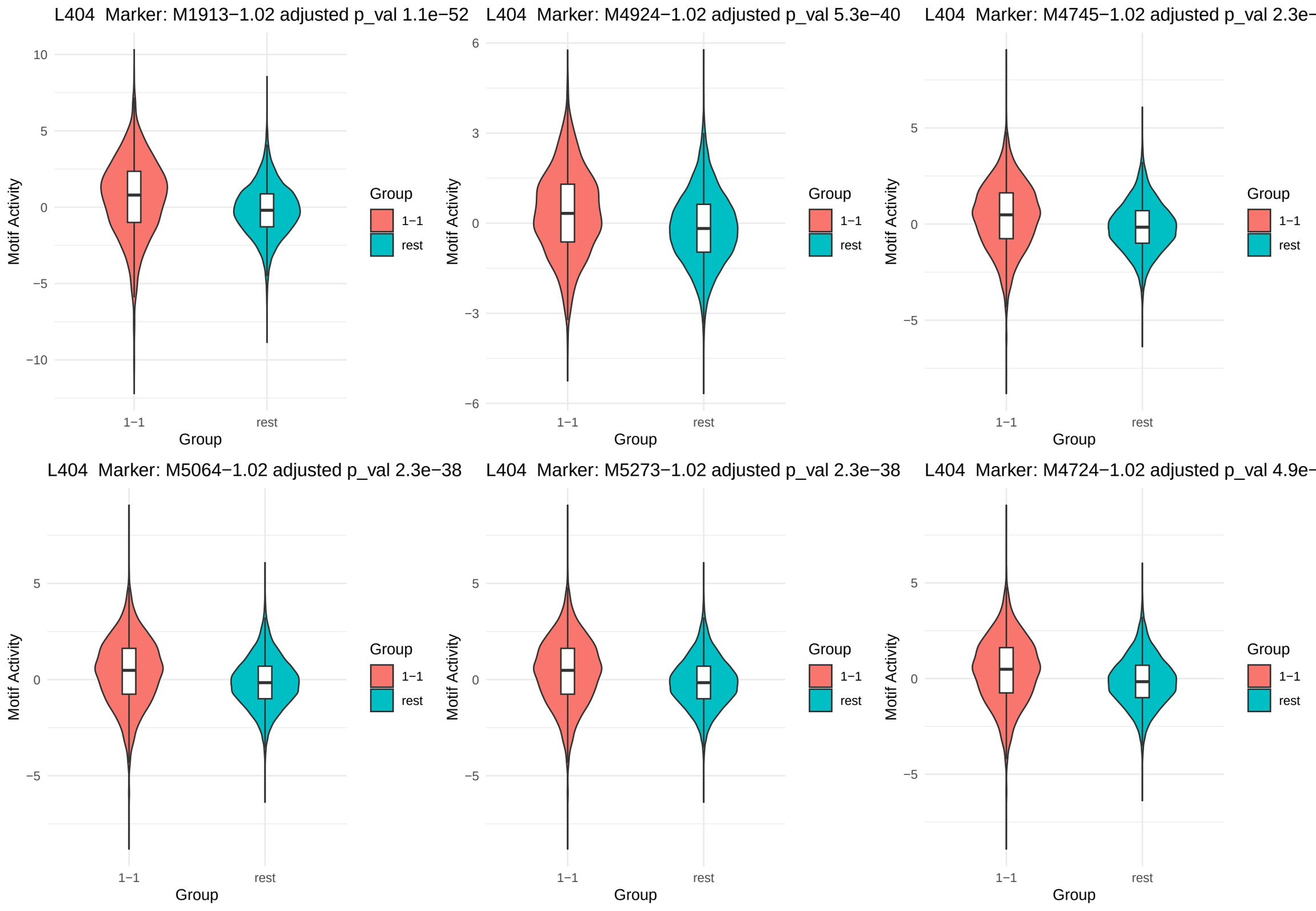

L399 Marker: M4924−1.02 adjusted p_val 2.9e−35
L399 Marker: M1913−1.02 adjusted p_val 3e−29
L399 Marker: M4745−1.02 adjusted p_val 2.5e−
L399 Marker: M5064−1.02 adjusted p_val 2.5e−25
L399 Marker: M5273−1.02 adjusted p_val 2.5e−25
L399 Marker: M4724−1.02 adjusted p_val 4.8e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

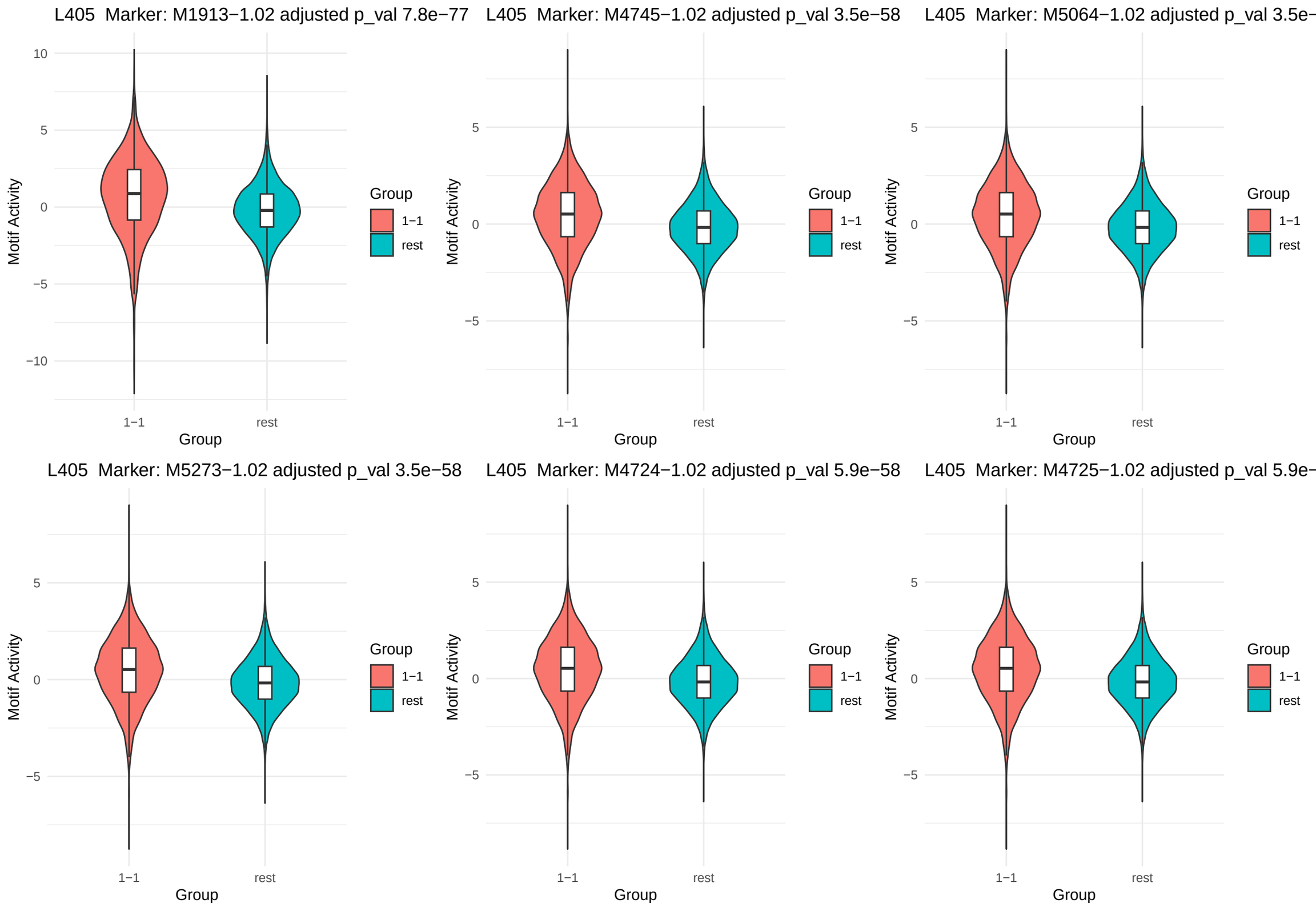

L400 Marker: M4924−1.02 adjusted p_val 4.4e−66
L400 Marker: M4814−1.02 adjusted p_val 2.5e−46
L400 Marker: M4974−1.02 adjusted p_val 7e−4
L400 Marker: M5040−1.02 adjusted p_val 8.4e−44
L400 Marker: M2026−1.02 adjusted p_val 3.4e−41
L400 Marker: M2021−1.02 adjusted p_val 3.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

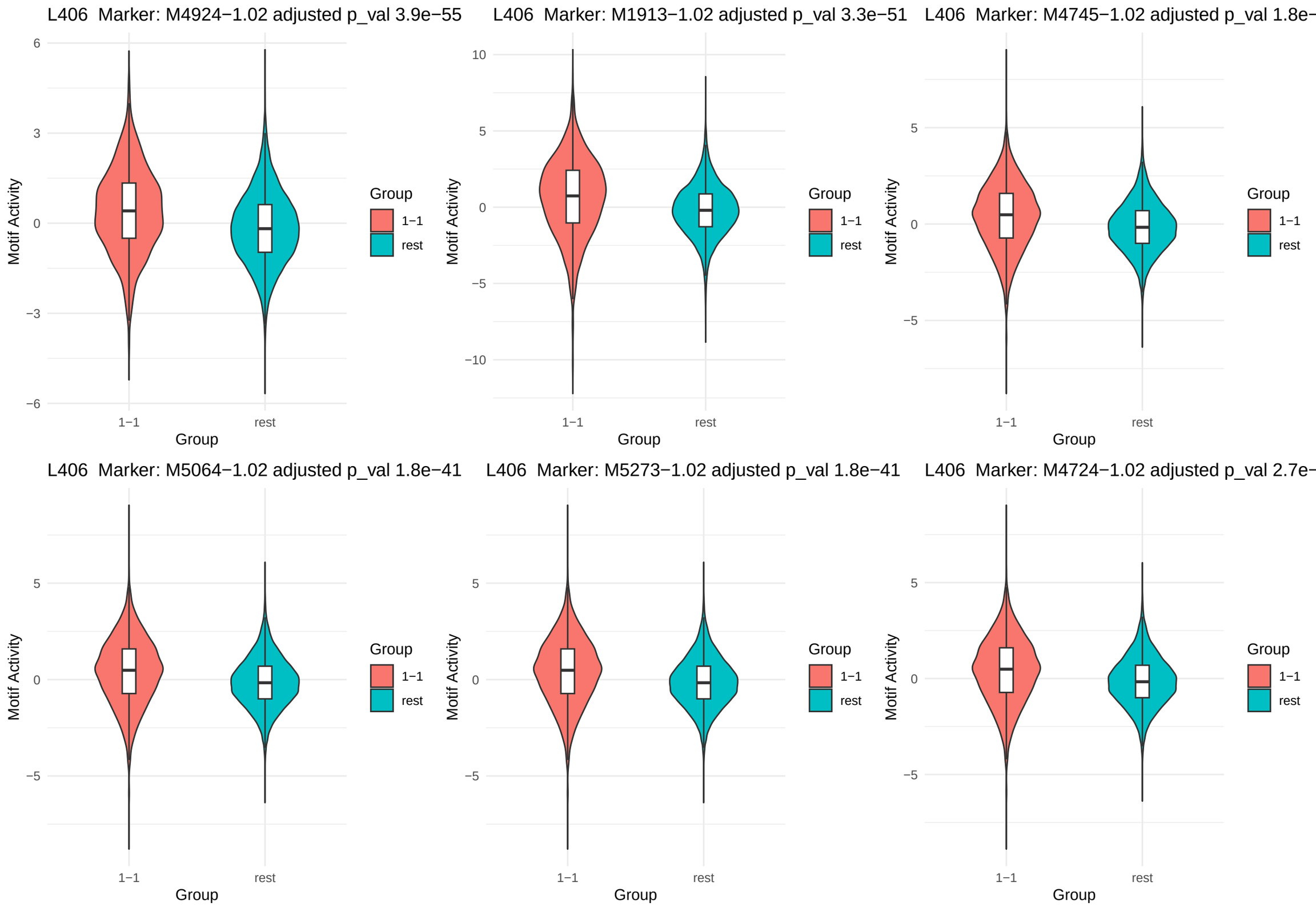

L401 Marker: M4924−1.02 adjusted p_val 9.6e−62
L401 Marker: M4938−1.02 adjusted p_val 5.7e−25
L401 Marker: M2039−1.02 adjusted p_val 4.3e−
L401 Marker: M2013−1.02 adjusted p_val 2.5e−21
L401 Marker: M1913−1.02 adjusted p_val 1.2e−18
L401 Marker: M4899−1.02 adjusted p_val 1.6e
Motif Activity
Group
1−1
rest
Group
1−1
rest

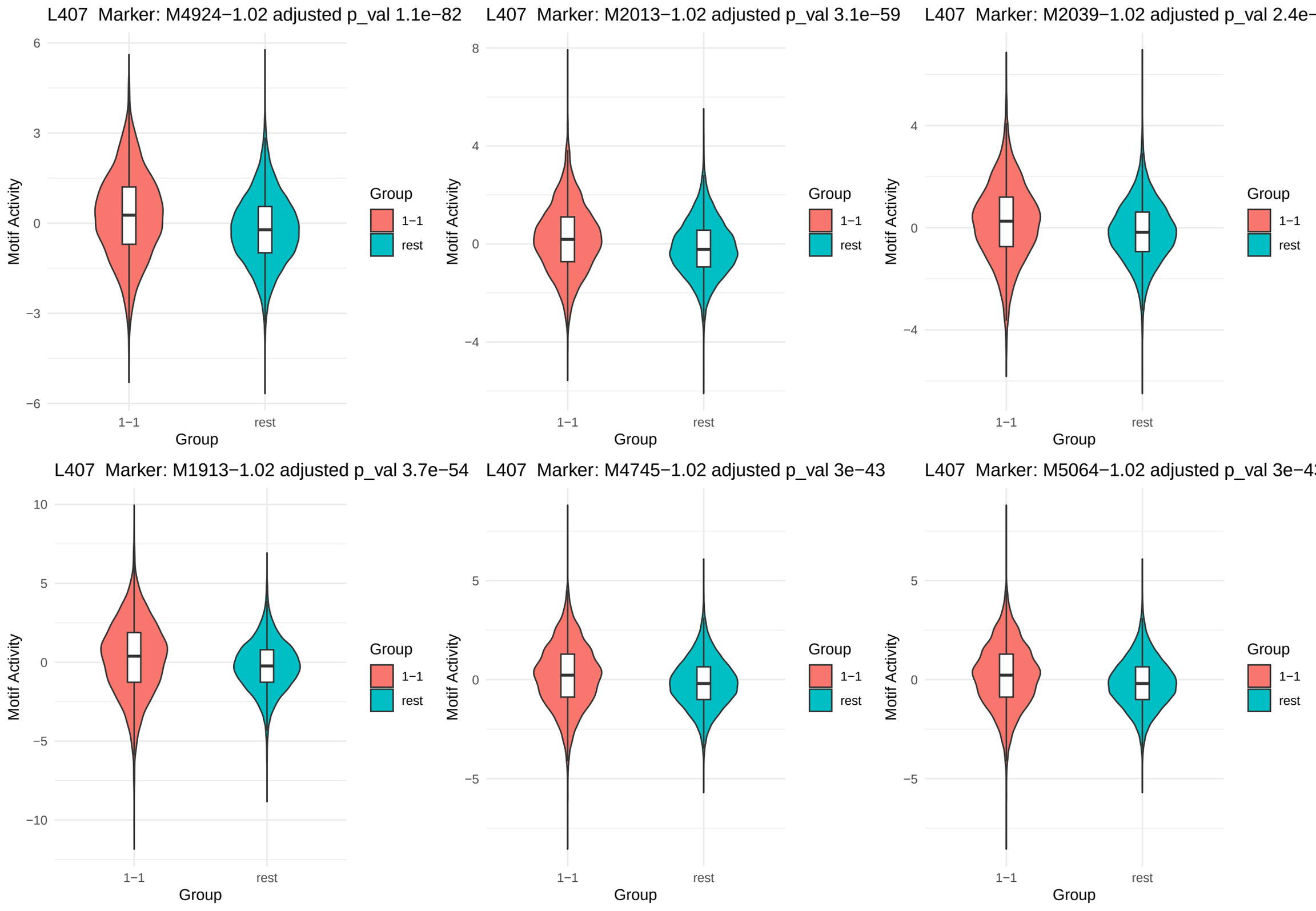

L402 Marker: M4924−1.02 adjusted p_val 7.4e−71
L402 Marker: M4899−1.02 adjusted p_val 9.1e−23
L402 Marker: M1913−1.02 adjusted p_val 1.3e
L402 Marker: M4745−1.02 adjusted p_val 2.3e−15
L402 Marker: M5064−1.02 adjusted p_val 2.3e−15
L402 Marker: M5273−1.02 adjusted p_val 2.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

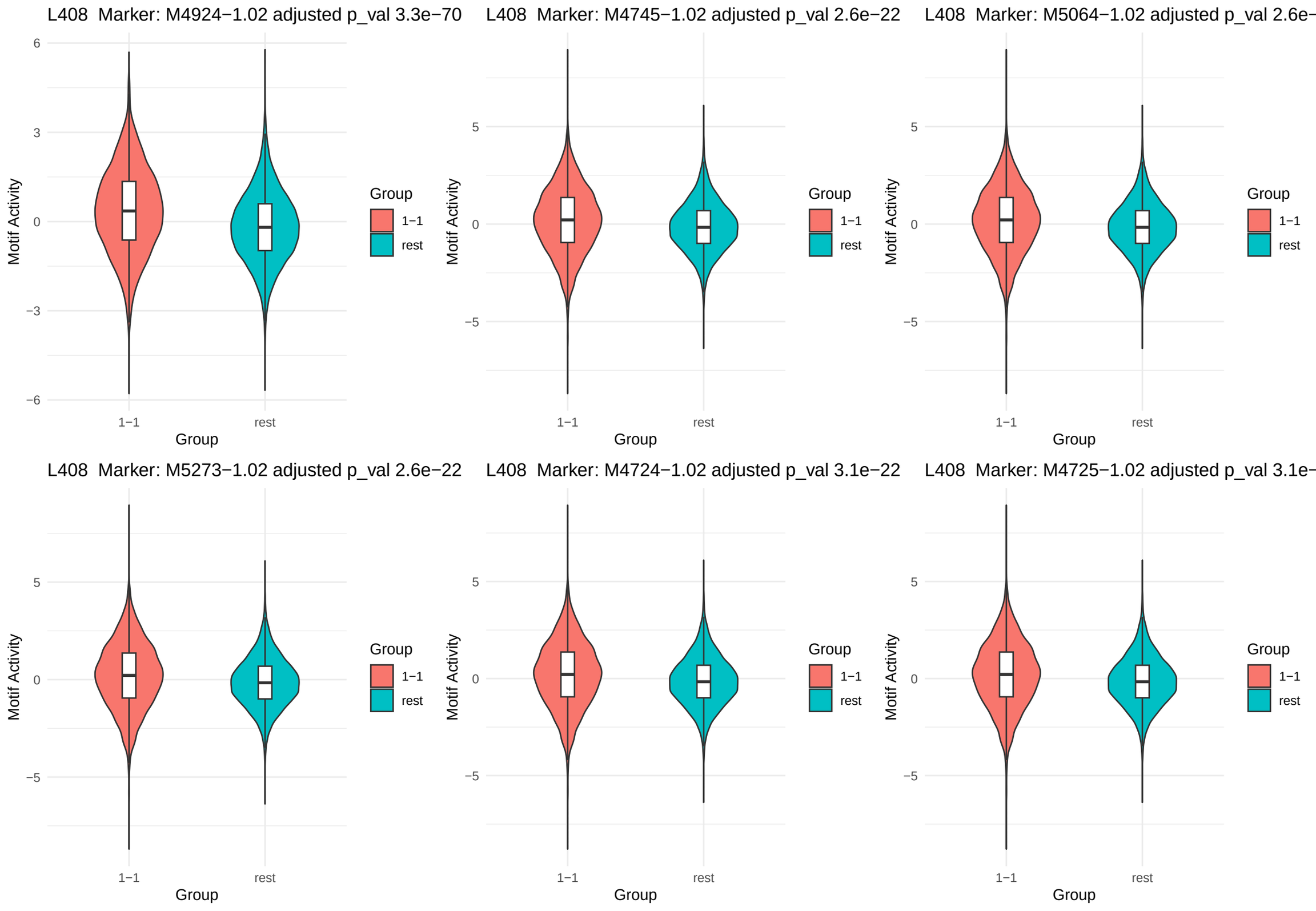

L403 Marker: M4924−1.02 adjusted p_val 7e−82
L403 Marker: M4899−1.02 adjusted p_val 1e−37
L403 Marker: M4886−1.02 adjusted p_val 1e−28
L403 Marker: M2013−1.02 adjusted p_val 9.1e−28
L403 Marker: M1913−1.02 adjusted p_val 9.4e−26
L403 Marker: M2039−1.02 adjusted p_val 2.3e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

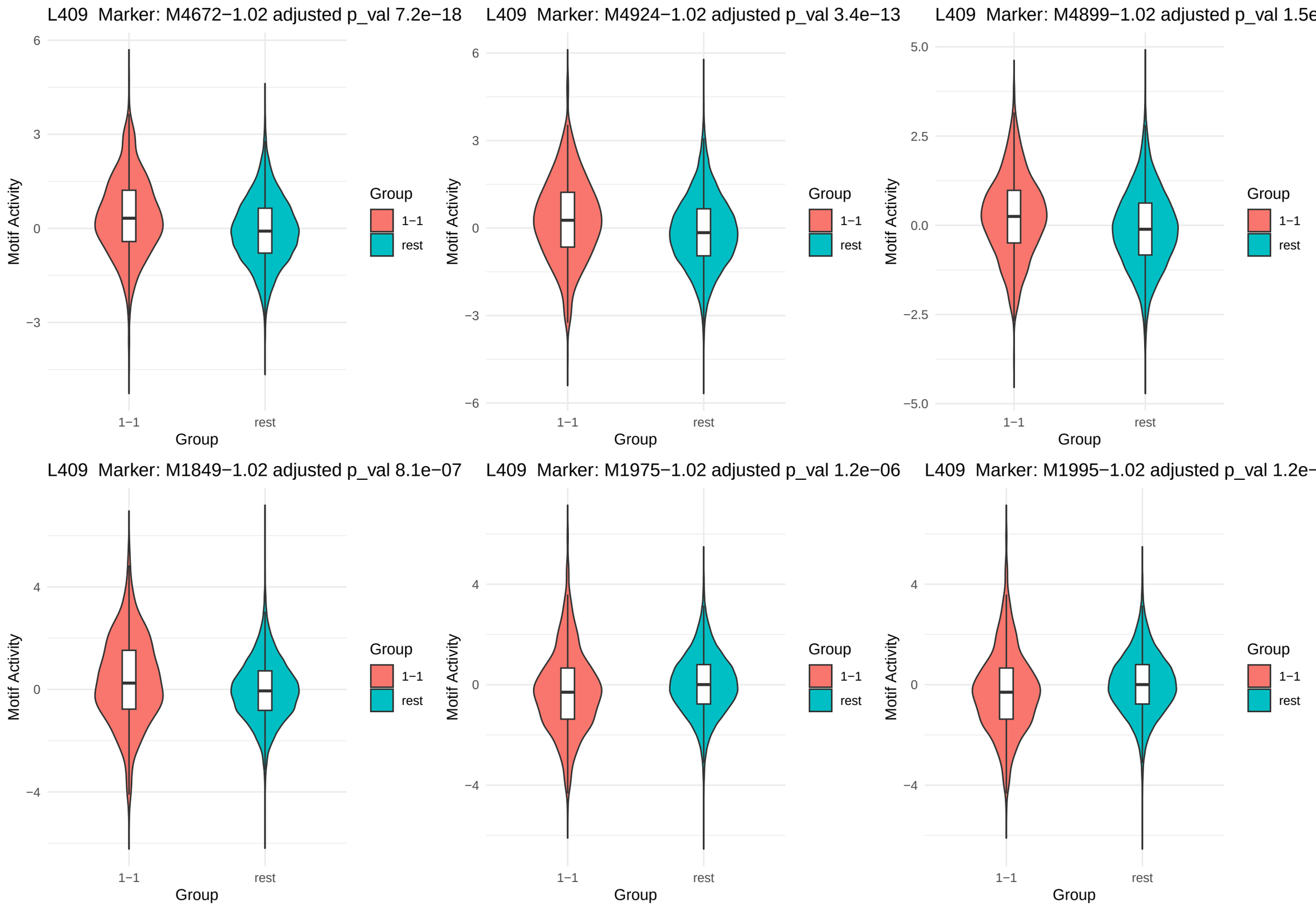

L404 Marker: M1913−1.02 adjusted p_val 1.1e−52
L404 Marker: M4924−1.02 adjusted p_val 5.3e−40
L404 Marker: M4745−1.02 adjusted p_val 2.3e−
L404 Marker: M5064−1.02 adjusted p_val 2.3e−38
L404 Marker: M5273−1.02 adjusted p_val 2.3e−38
L404 Marker: M4724−1.02 adjusted p_val 4.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

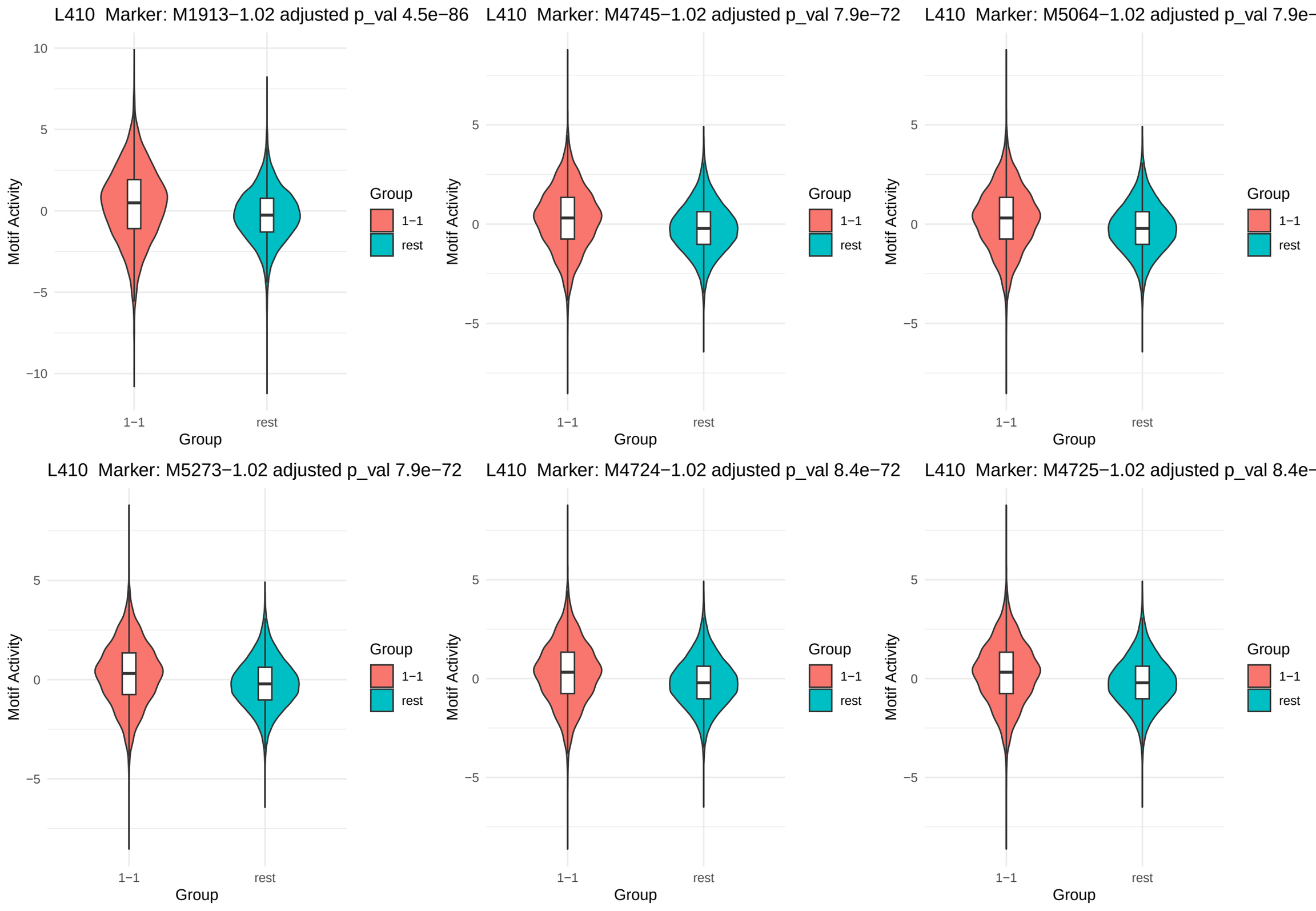

L405 Marker: M1913−1.02 adjusted p_val 7.8e−77
L405 Marker: M4745−1.02 adjusted p_val 3.5e−58
L405 Marker: M5064−1.02 adjusted p_val 3.5e−
L405 Marker: M5273−1.02 adjusted p_val 3.5e−58
L405 Marker: M4724−1.02 adjusted p_val 5.9e−58
L405 Marker: M4725−1.02 adjusted p_val 5.9e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

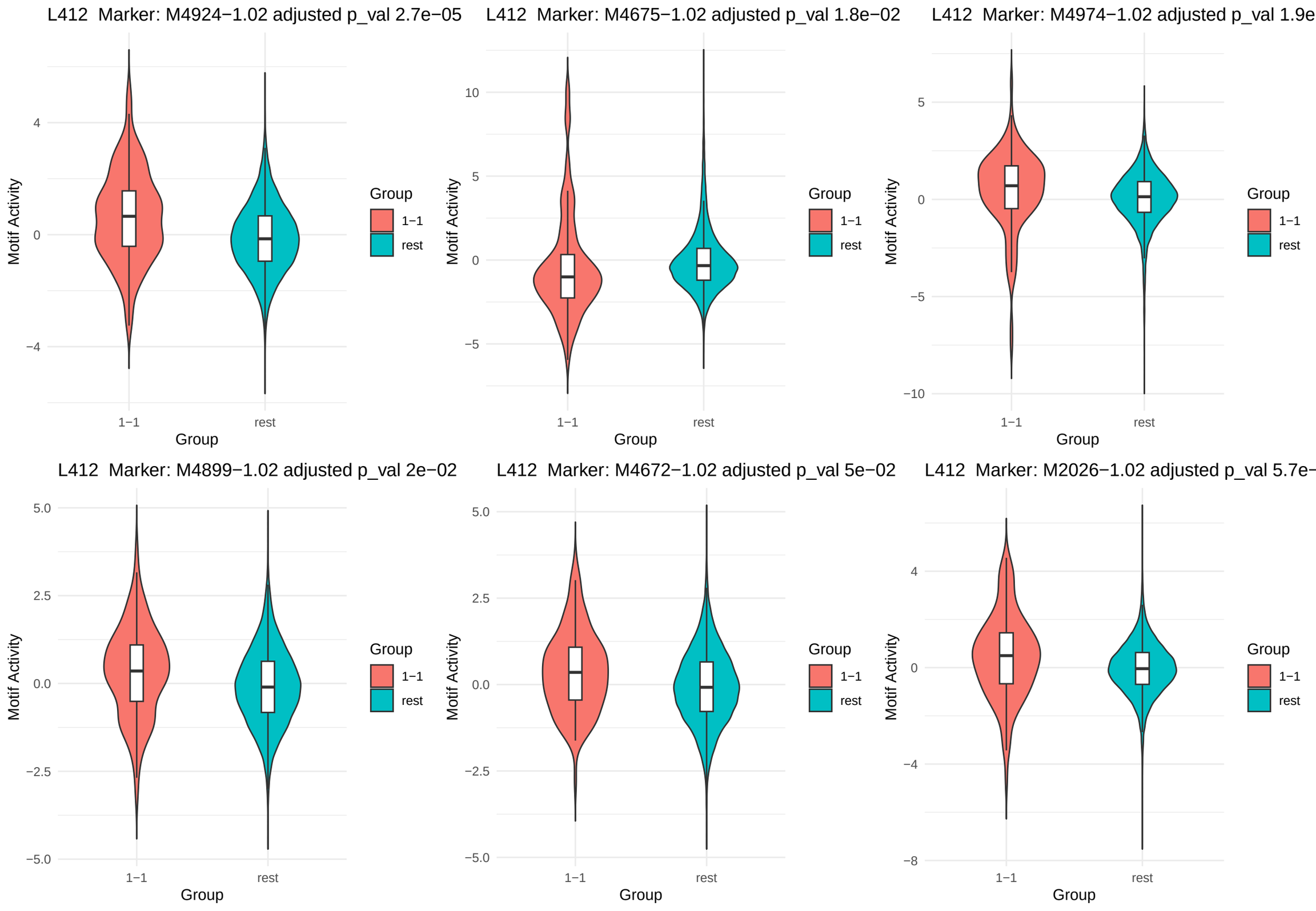

L406 Marker: M4924−1.02 adjusted p_val 3.9e−55
L406 Marker: M1913−1.02 adjusted p_val 3.3e−51
L406 Marker: M4745−1.02 adjusted p_val 1.8e−
L406 Marker: M5064−1.02 adjusted p_val 1.8e−41
L406 Marker: M5273−1.02 adjusted p_val 1.8e−41
L406 Marker: M4724−1.02 adjusted p_val 2.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

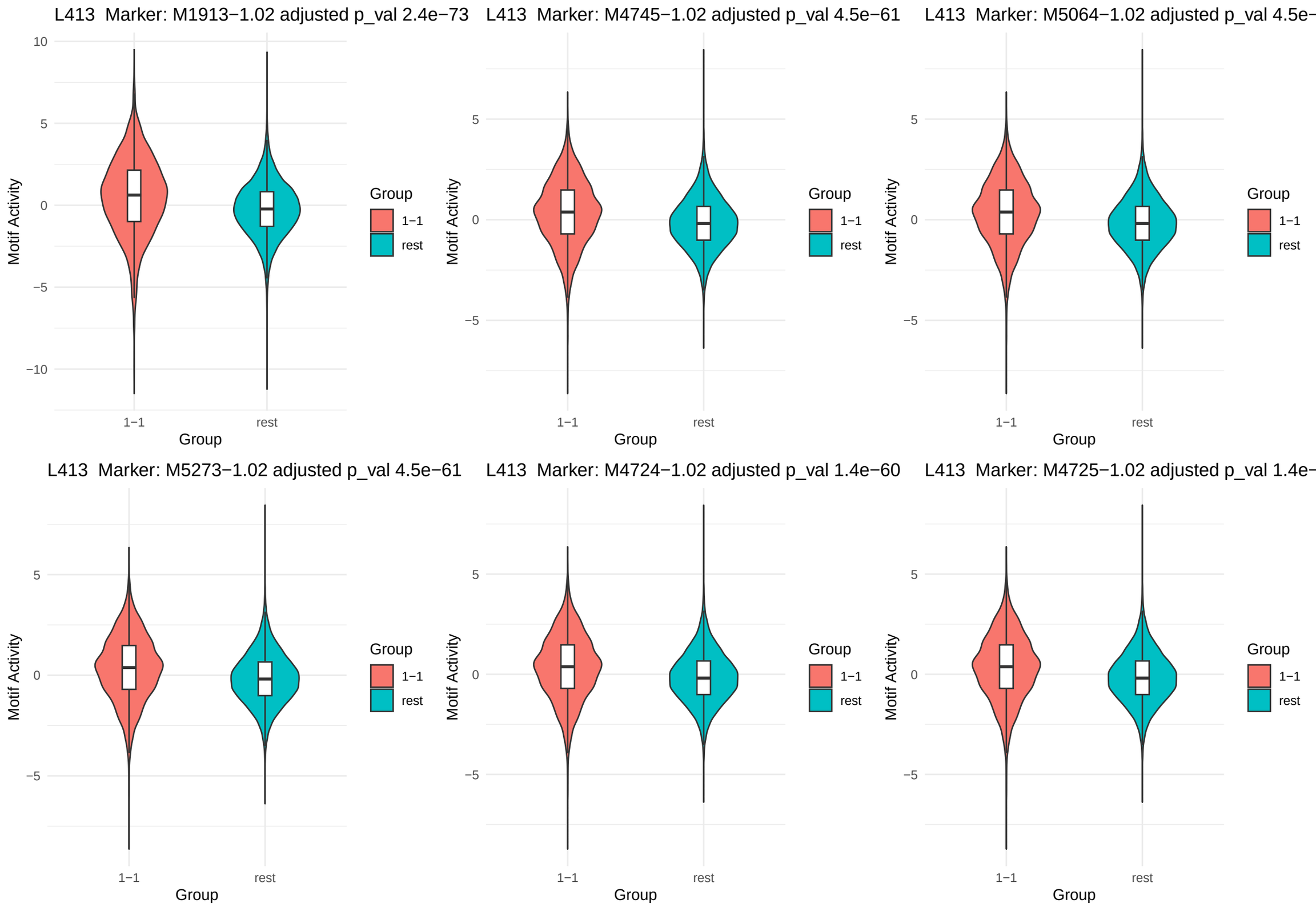

L407 Marker: M4924−1.02 adjusted p_val 1.1e−82
L407 Marker: M2013−1.02 adjusted p_val 3.1e−59
L407 Marker: M2039−1.02 adjusted p_val 2.4e−
L407 Marker: M1913−1.02 adjusted p_val 3.7e−54
L407 Marker: M4745−1.02 adjusted p_val 3e−43
L407 Marker: M5064−1.02 adjusted p_val 3e−4
Motif Activity
Group
1−1
rest
Group
1−1
rest

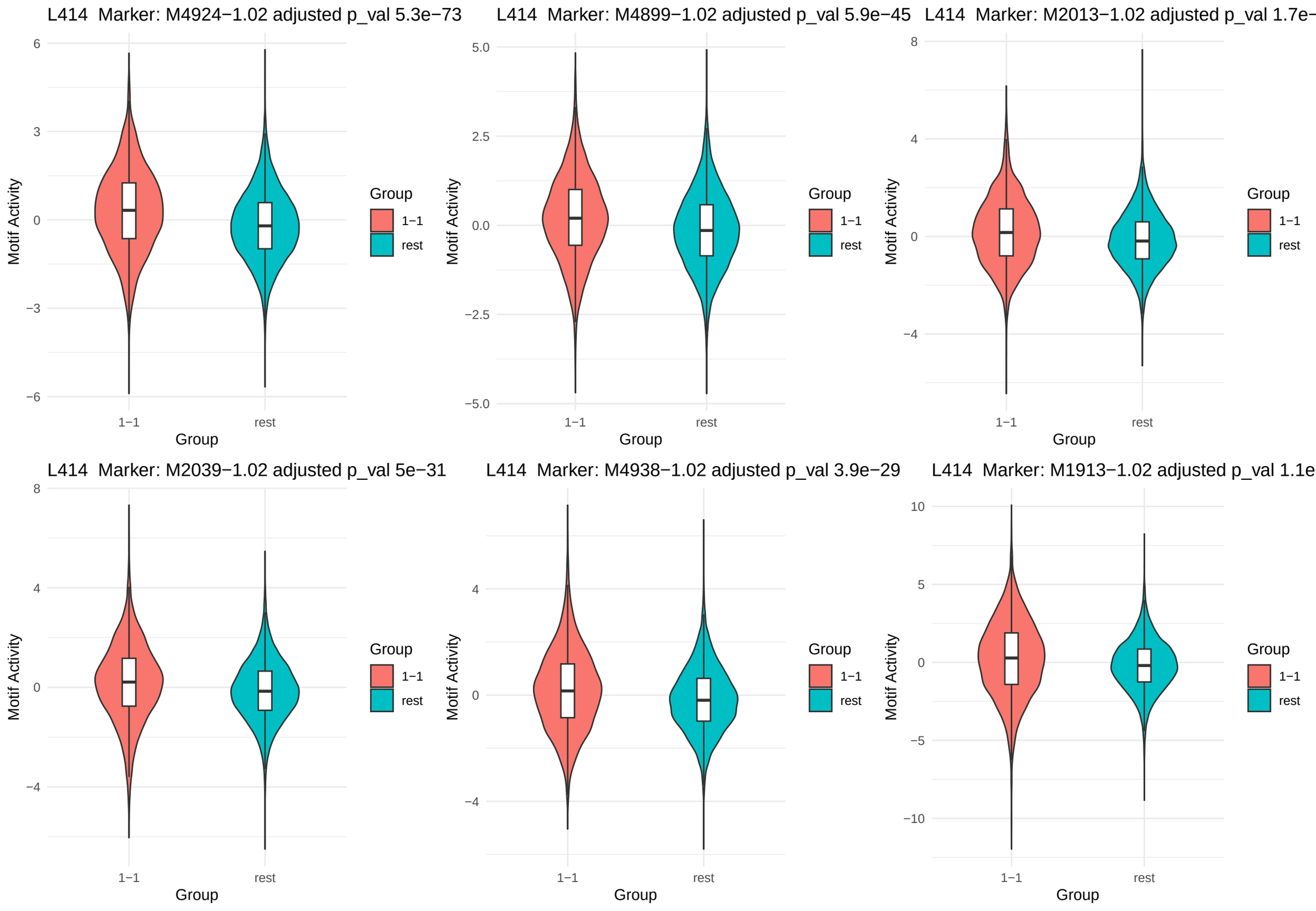

L408 Marker: M4924−1.02 adjusted p_val 3.3e−70
L408 Marker: M4745−1.02 adjusted p_val 2.6e−22
L408 Marker: M5064−1.02 adjusted p_val 2.6e−
L408 Marker: M5273−1.02 adjusted p_val 2.6e−22
L408 Marker: M4724−1.02 adjusted p_val 3.1e−22
L408 Marker: M4725−1.02 adjusted p_val 3.1e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

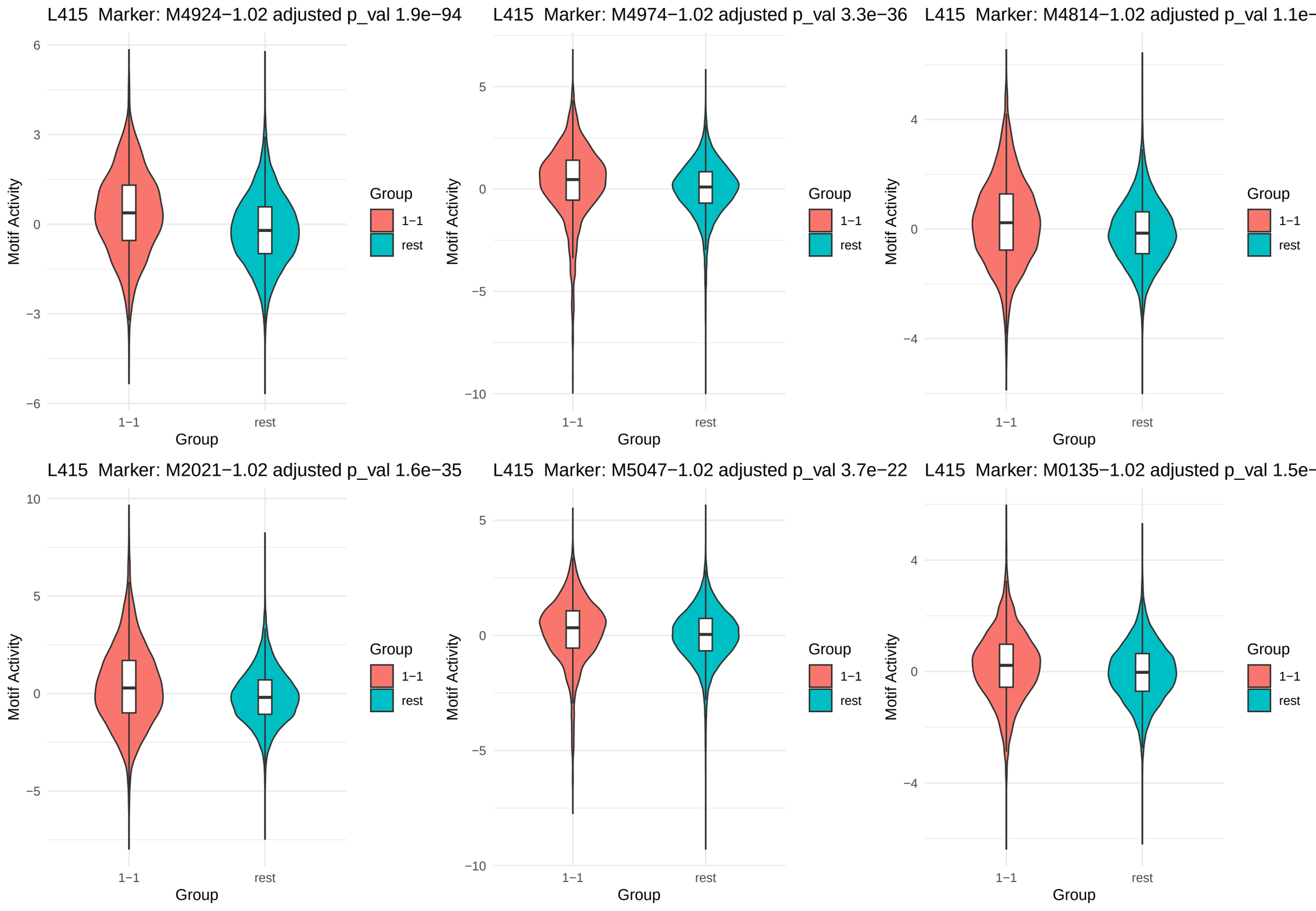

L409 Marker: M4672−1.02 adjusted p_val 7.2e−18
L409 Marker: M4924−1.02 adjusted p_val 3.4e−13
L409 Marker: M4899−1.02 adjusted p_val 1.5e
L409 Marker: M1849−1.02 adjusted p_val 8.1e−07
L409 Marker: M1975−1.02 adjusted p_val 1.2e−06
L409 Marker: M1995−1.02 adjusted p_val 1.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

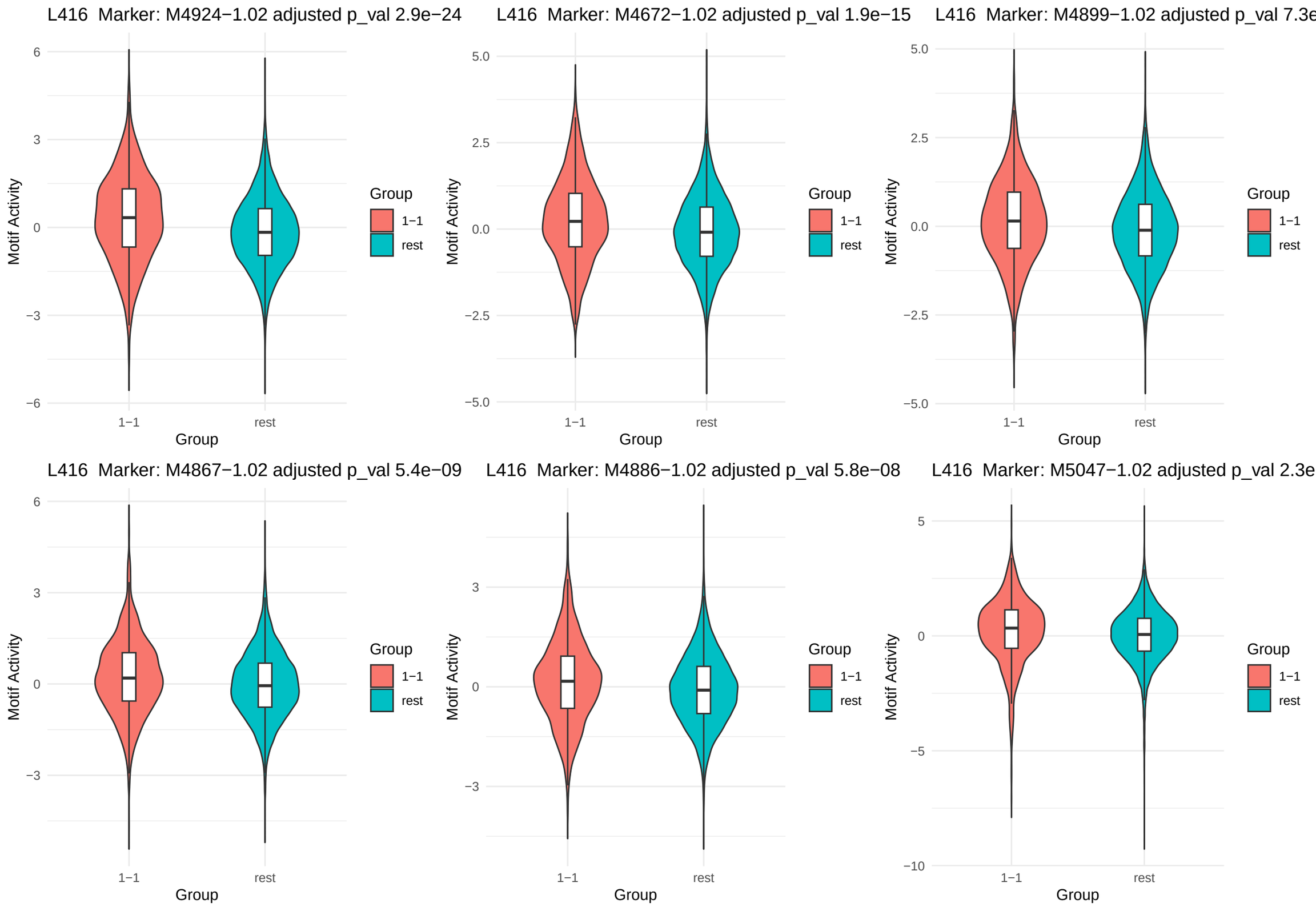

L410 Marker: M1913−1.02 adjusted p_val 4.5e−86
L410 Marker: M4745−1.02 adjusted p_val 7.9e−72
L410 Marker: M5064−1.02 adjusted p_val 7.9e−
L410 Marker: M5273−1.02 adjusted p_val 7.9e−72
L410 Marker: M4724−1.02 adjusted p_val 8.4e−72
L410 Marker: M4725−1.02 adjusted p_val 8.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest

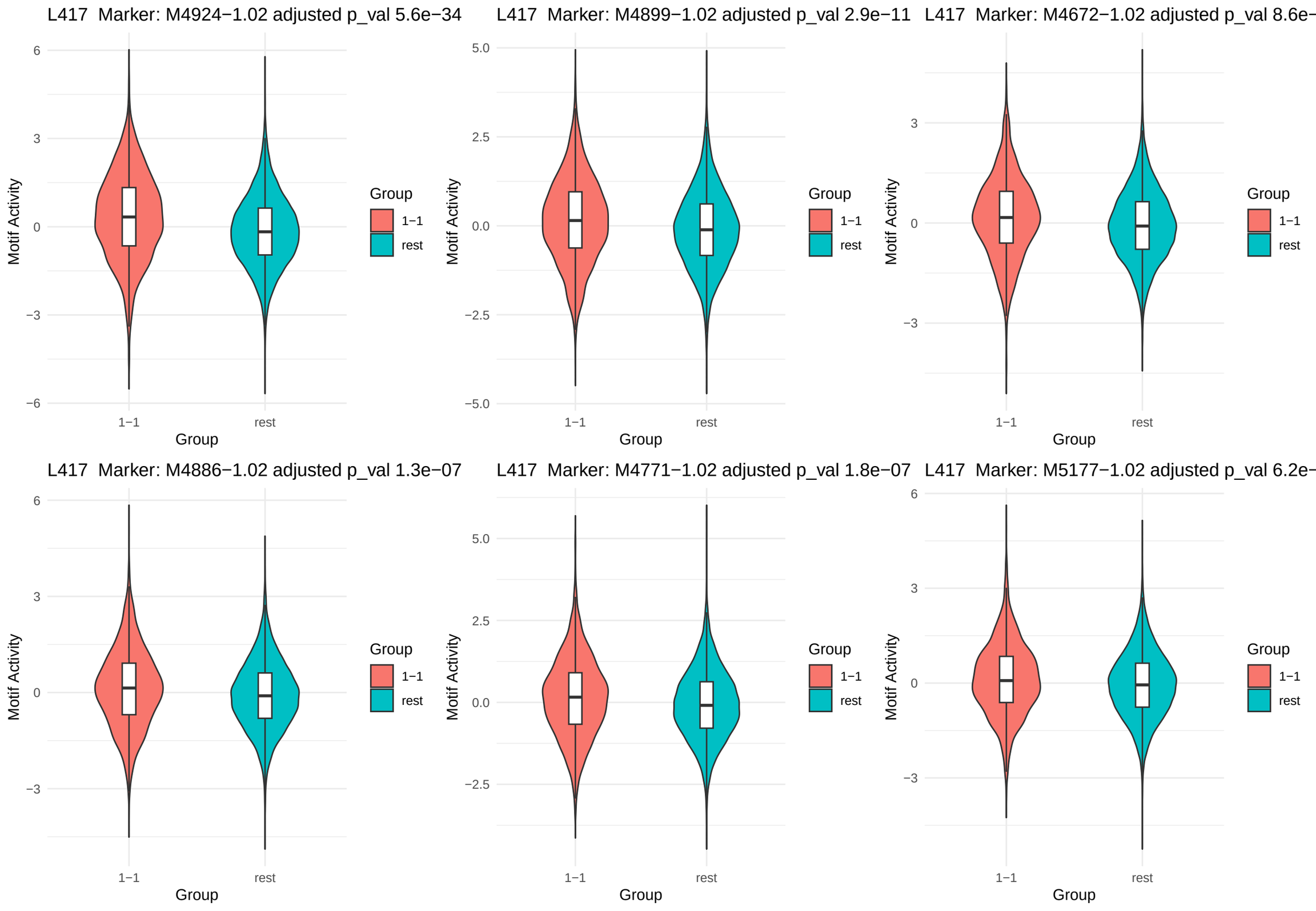

L412 Marker: M4924−1.02 adjusted p_val 2.7e−05
L412 Marker: M4675−1.02 adjusted p_val 1.8e−02
L412 Marker: M4974−1.02 adjusted p_val 1.9e
L412 Marker: M4899−1.02 adjusted p_val 2e−02
L412 Marker: M4672−1.02 adjusted p_val 5e−02
L412 Marker: M2026−1.02 adjusted p_val 5.7e−
Motif Activity
Group
1−1
rest
Group
1−1
rest


L413 Marker: M1913−1.02 adjusted p_val 2.4e−73
L413 Marker: M4745−1.02 adjusted p_val 4.5e−61
L413 Marker: M5064−1.02 adjusted p_val 4.5e−
L413 Marker: M5273−1.02 adjusted p_val 4.5e−61
L413 Marker: M4724−1.02 adjusted p_val 1.4e−60
L413 Marker: M4725−1.02 adjusted p_val 1.4e−
Motif Activity
Group
1−1
rest
Group
1−1
rest


L414 Marker: M4924−1.02 adjusted p_val 5.3e−73
L414 Marker: M4899−1.02 adjusted p_val 5.9e−45
L414 Marker: M2013−1.02 adjusted p_val 1.7e−
L414 Marker: M2039−1.02 adjusted p_val 5e−31
L414 Marker: M4938−1.02 adjusted p_val 3.9e−29
L414 Marker: M1913−1.02 adjusted p_val 1.1e
Motif Activity
Group
1−1
rest
Group
1−1
rest


L415 Marker: M4924−1.02 adjusted p_val 1.9e−94
L415 Marker: M4974−1.02 adjusted p_val 3.3e−36
L415 Marker: M4814−1.02 adjusted p_val 1.1e−
L415 Marker: M2021−1.02 adjusted p_val 1.6e−35
L415 Marker: M5047−1.02 adjusted p_val 3.7e−22
L415 Marker: M0135−1.02 adjusted p_val 1.5e−
Motif Activity
Group
1−1
rest
Group
1−1
rest


L416 Marker: M4924−1.02 adjusted p_val 2.9e−24
L416 Marker: M4672−1.02 adjusted p_val 1.9e−15
L416 Marker: M4899−1.02 adjusted p_val 7.3e
L416 Marker: M4867−1.02 adjusted p_val 5.4e−09
L416 Marker: M4886−1.02 adjusted p_val 5.8e−08
L416 Marker: M5047−1.02 adjusted p_val 2.3e
Motif Activity
Group
1−1
rest
Group
1−1
rest


L417 Marker: M4924−1.02 adjusted p_val 5.6e−34
L417 Marker: M4899−1.02 adjusted p_val 2.9e−11
L417 Marker: M4672−1.02 adjusted p_val 8.6e−
L417 Marker: M4886−1.02 adjusted p_val 1.3e−07
L417 Marker: M4771−1.02 adjusted p_val 1.8e−07
L417 Marker: M5177−1.02 adjusted p_val 6.2e−
Motif Activity
Group
1−1
rest
Group
1−1
rest