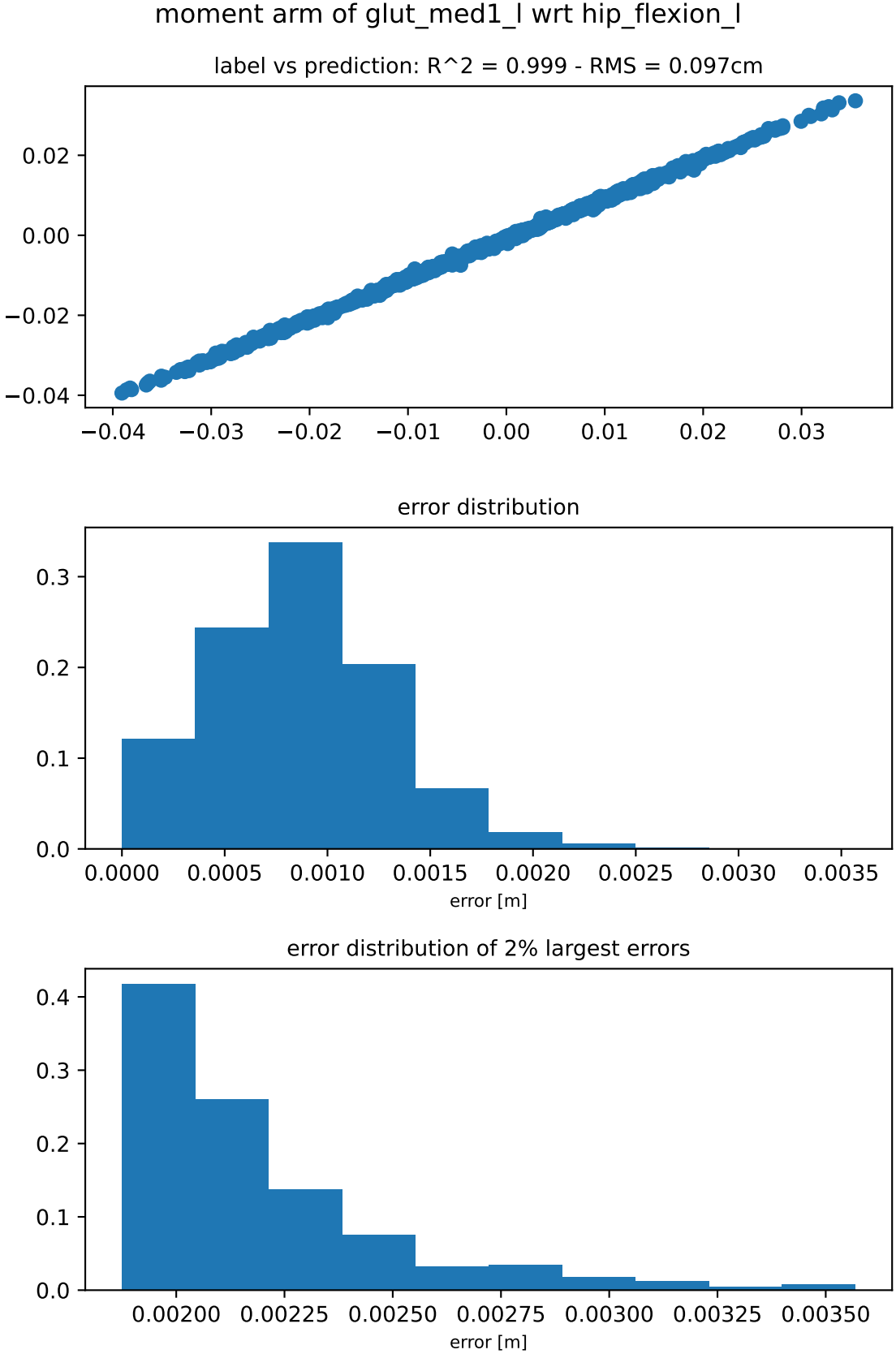
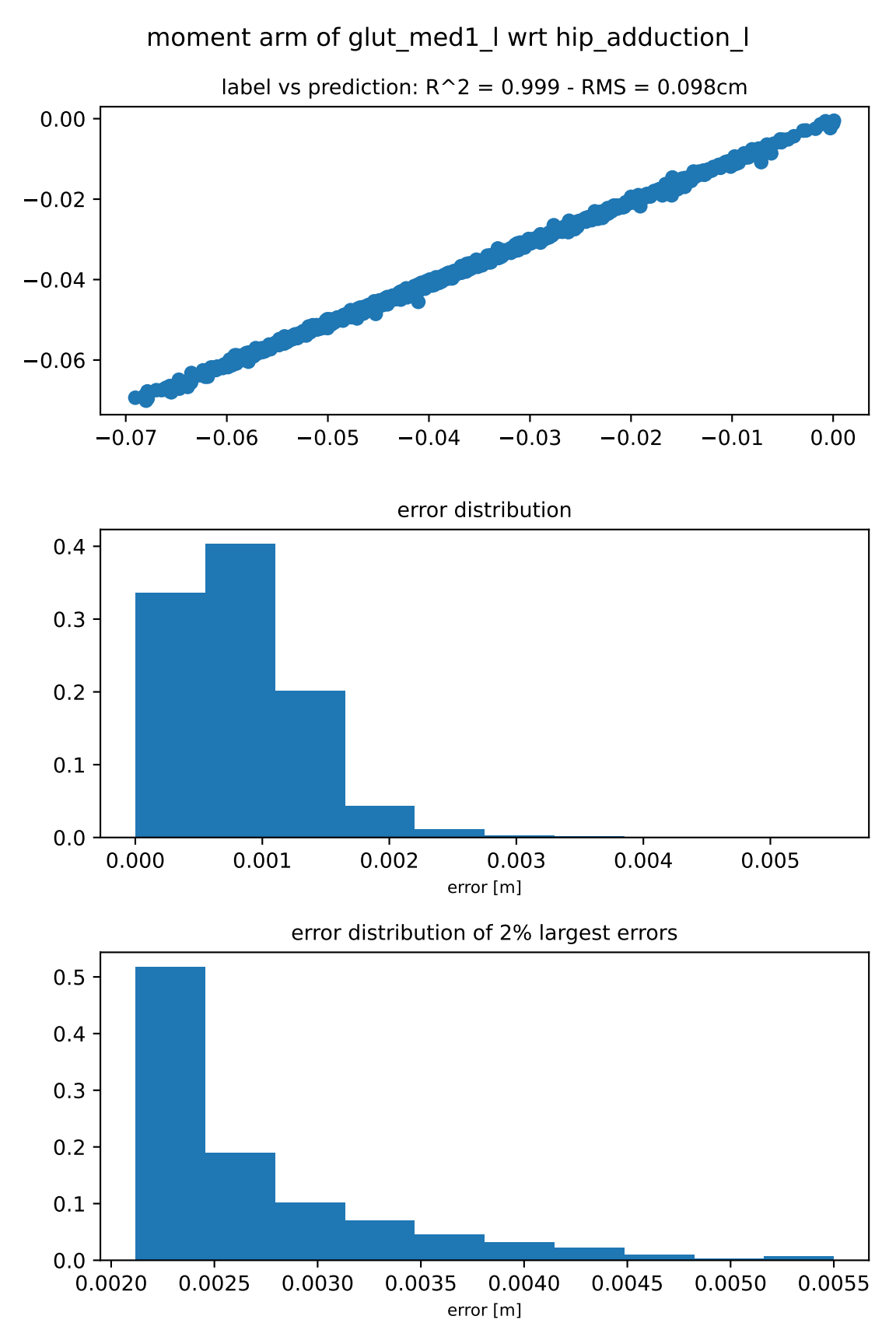
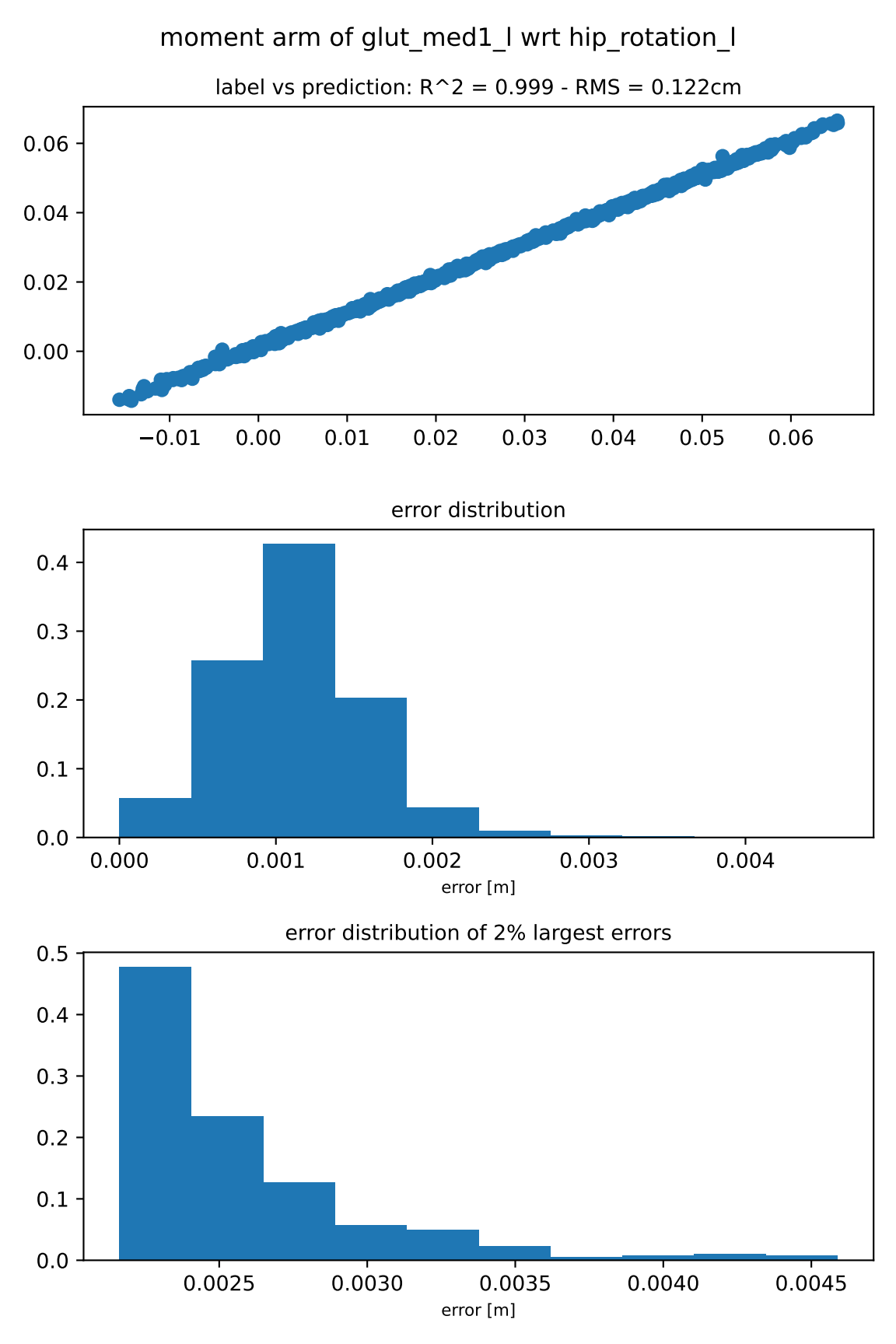
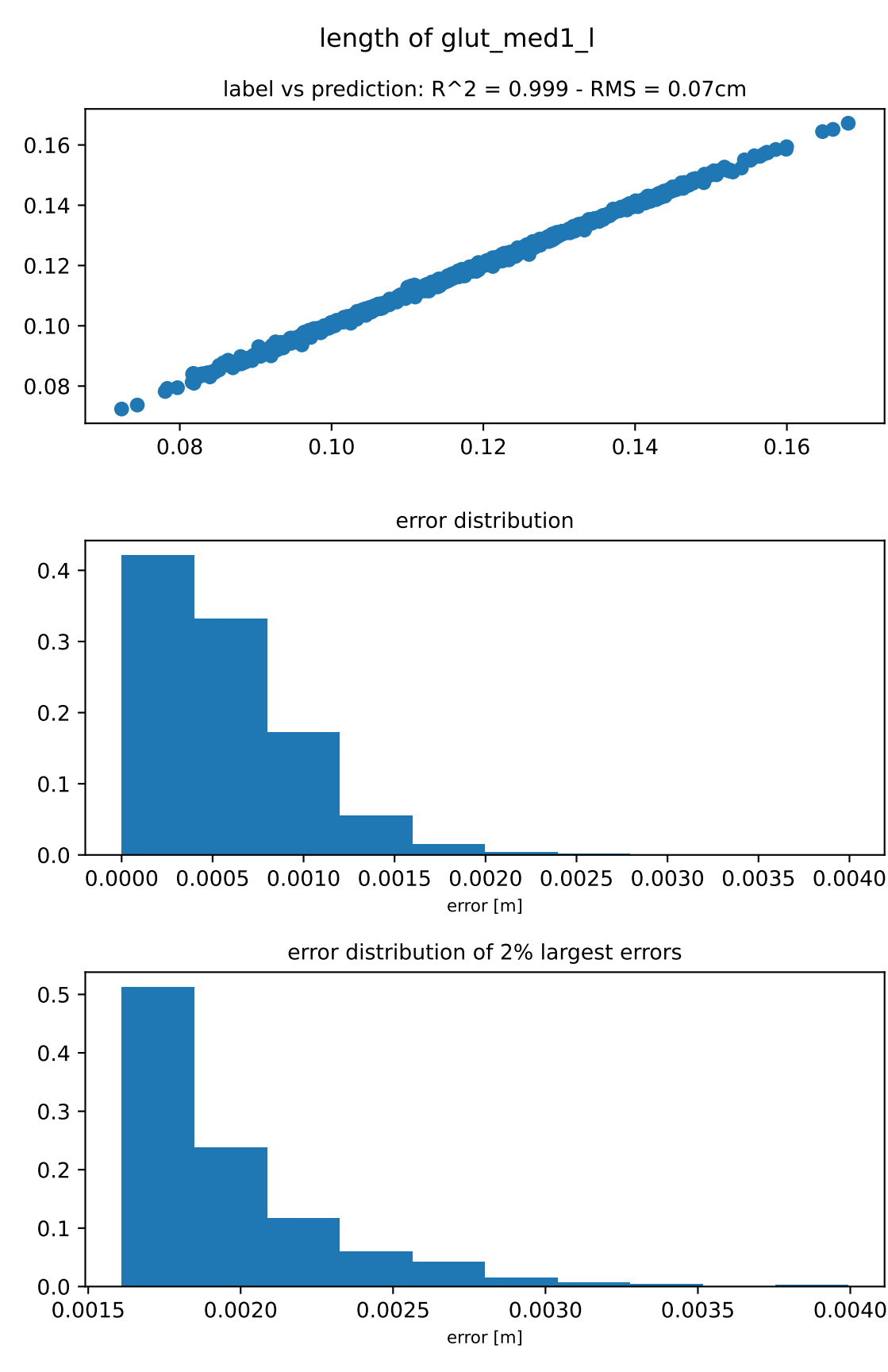
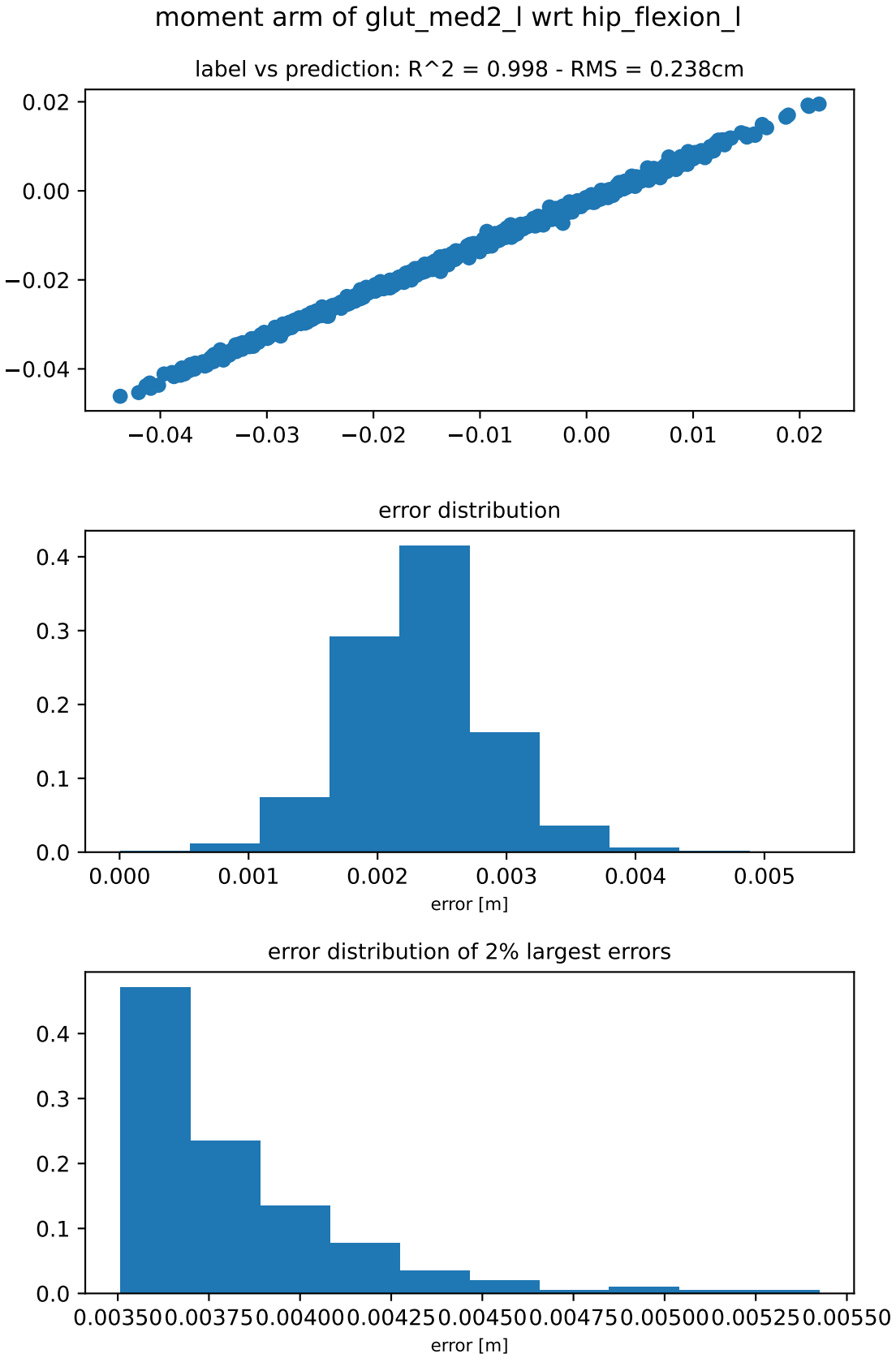
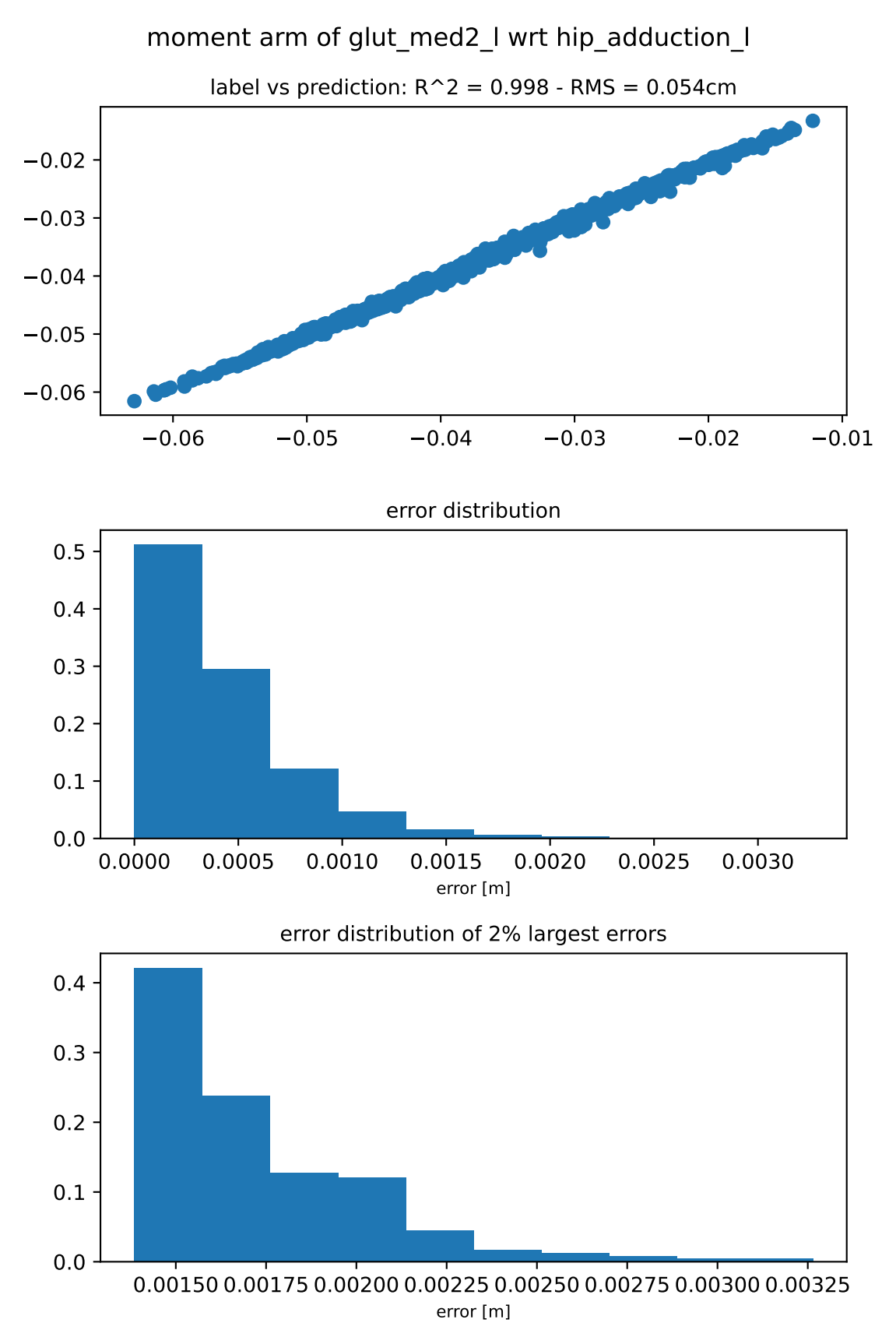

moment arm of glut_med1_l wrt hip_flexion_l
label vs prediction: R^2 = 0.999 - RMS = 0.097cm
0.02
0.00
−0.02
−0.04
−0.04
−0.03
−0.02
−0.01
0.00
0.01
0.02
0.03
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.00200
0.00225
0.00250
0.00275
0.00300
0.00325
0.00350
error [m]

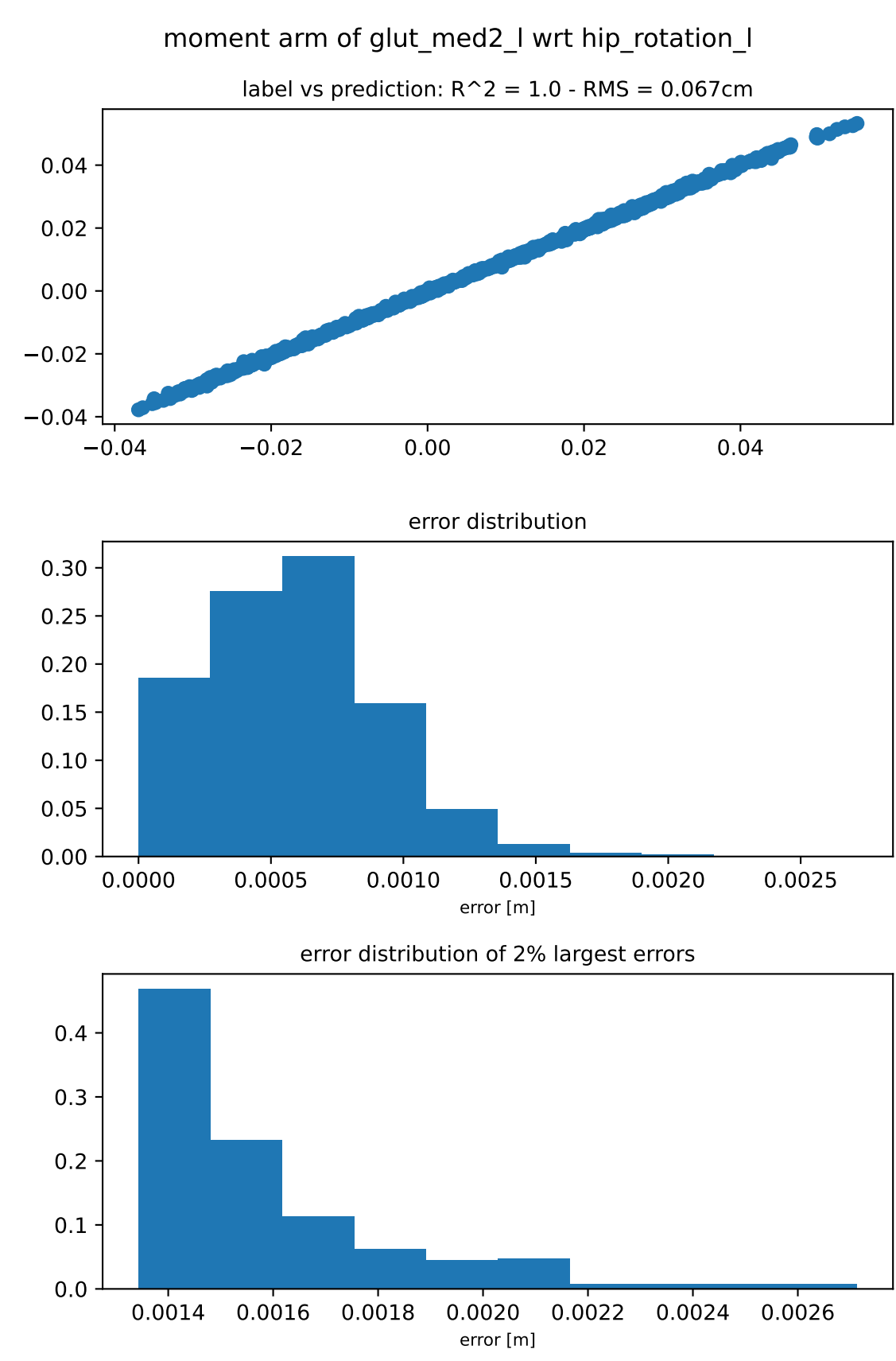

moment arm of glut_med1_l wrt hip_adduction_l
label vs prediction: R^2 = 0.999 - RMS = 0.098cm
0.00
−0.02
−0.04
−0.06
−0.07
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
0.00
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
0.0055
error [m]

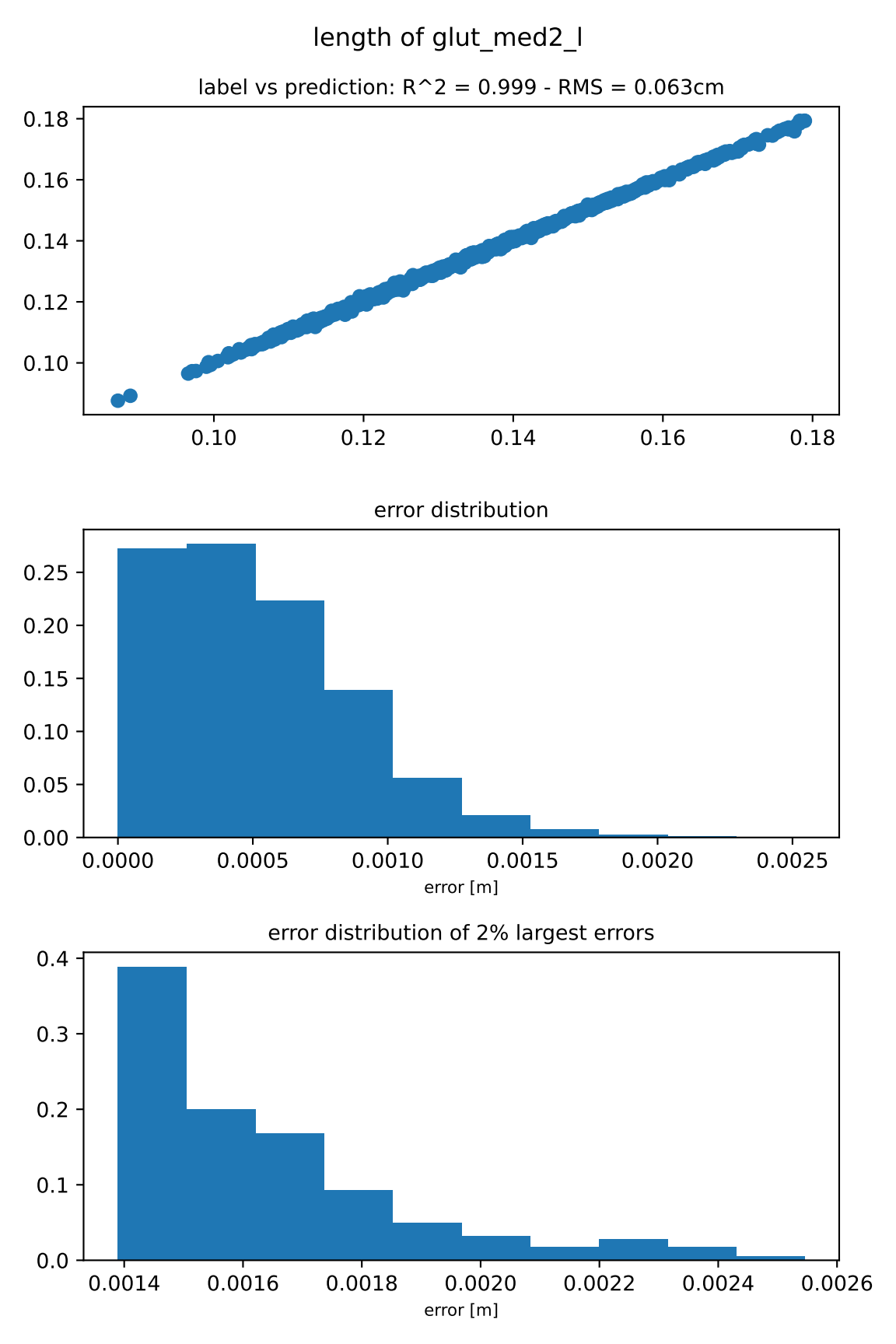

moment arm of glut_med1_l wrt hip_rotation_l
label vs prediction: R^2 = 0.999 - RMS = 0.122cm
0.06
0.04
0.02
0.00
−0.01
0.00
0.01
0.02
0.03
0.04
0.05
0.06
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0025
0.0030
0.0035
0.0040
0.0045
error [m]

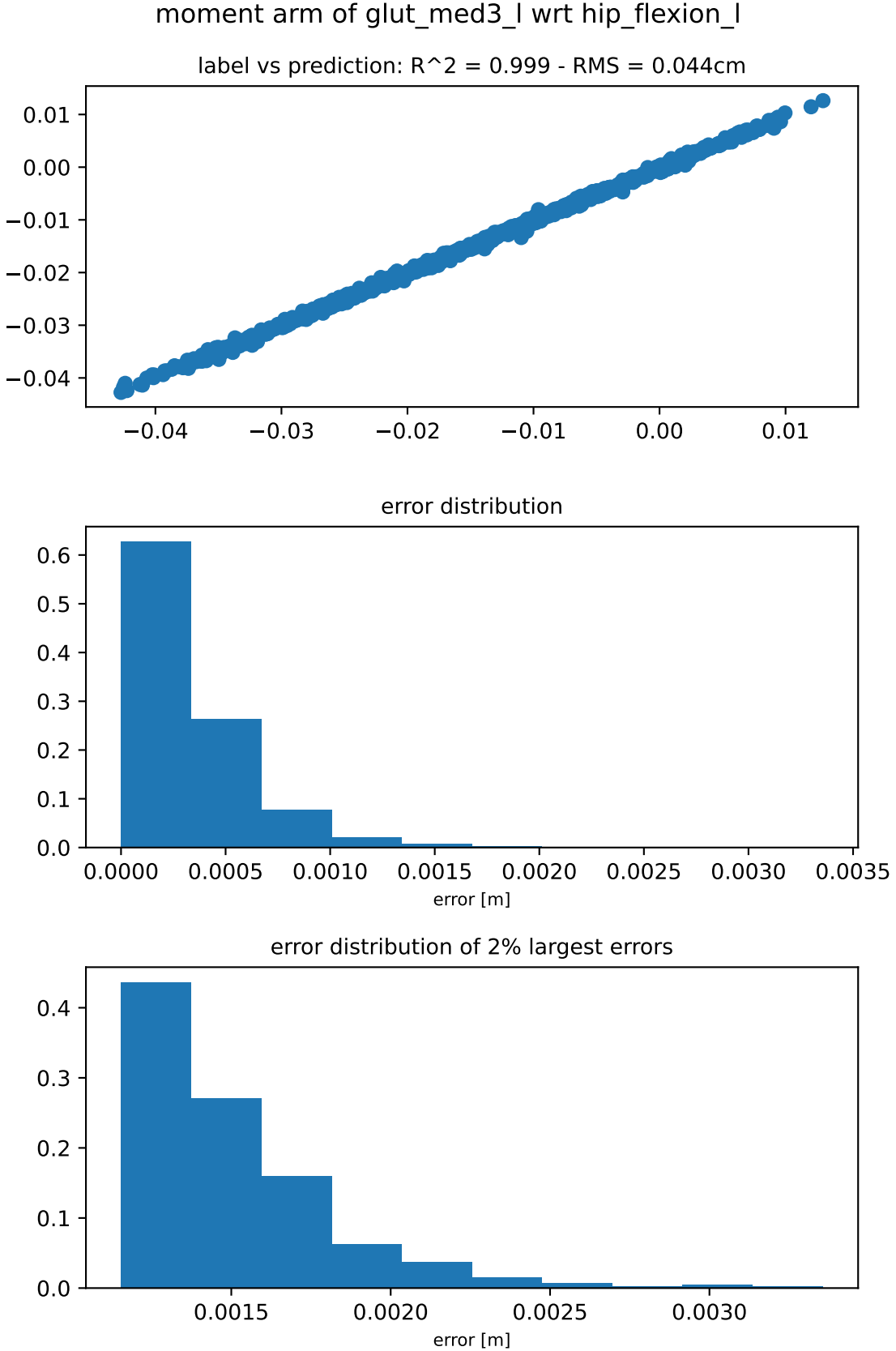

length of glut_med1_l
label vs prediction: R^2 = 0.999 - RMS = 0.07cm
0.16
0.14
0.12
0.10
0.08
0.08
0.10
0.12
0.14
0.16
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]

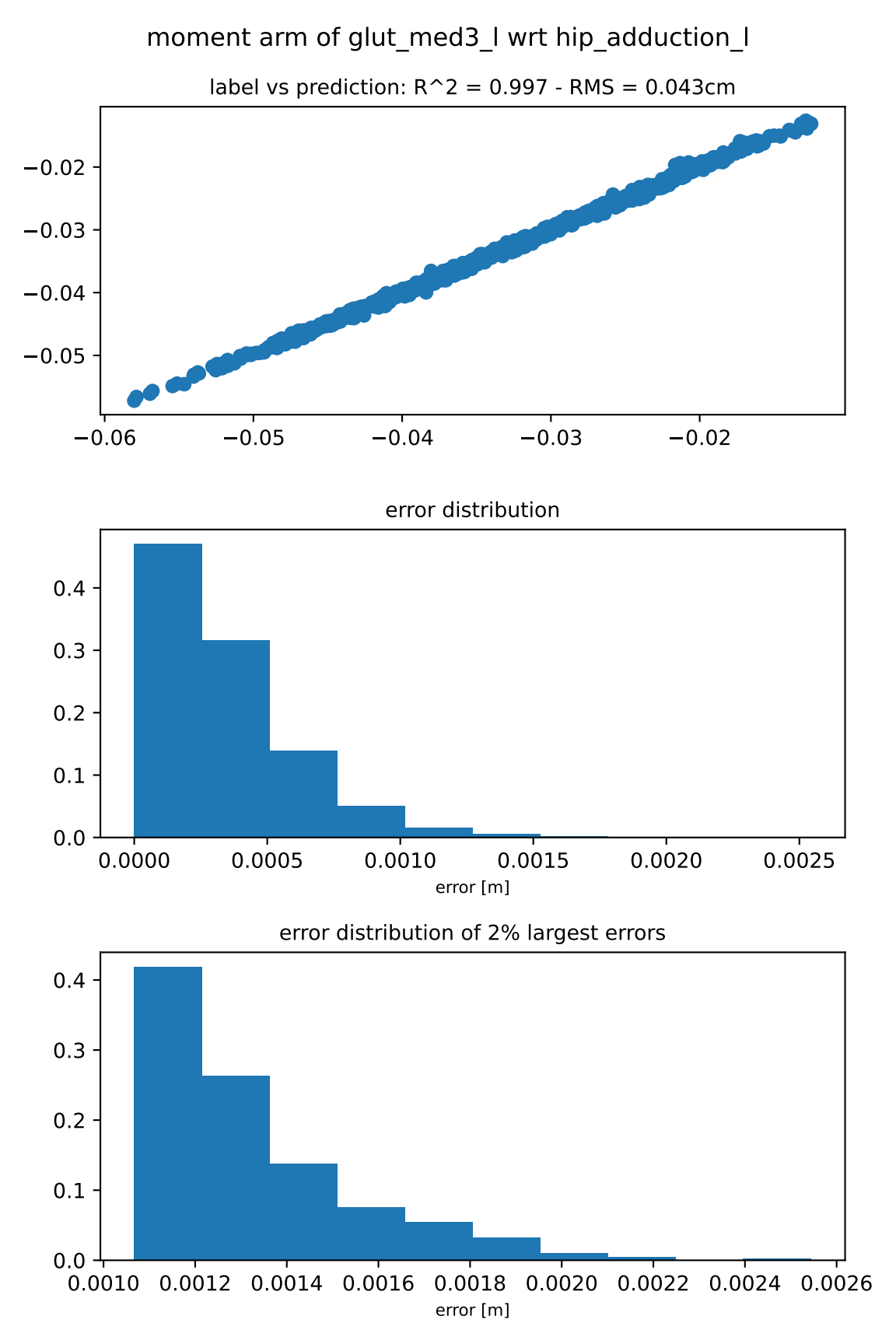

moment arm of glut_med2_l wrt hip_flexion_l
label vs prediction: R^2 = 0.998 - RMS = 0.238cm
0.02
0.00
−0.02
−0.04
−0.04
−0.03
−0.02
−0.01
0.00
0.01
0.02
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.00350
0.00375
0.00400
0.00425
0.00450
0.00475
0.00500
0.00525
0.00550
error [m]

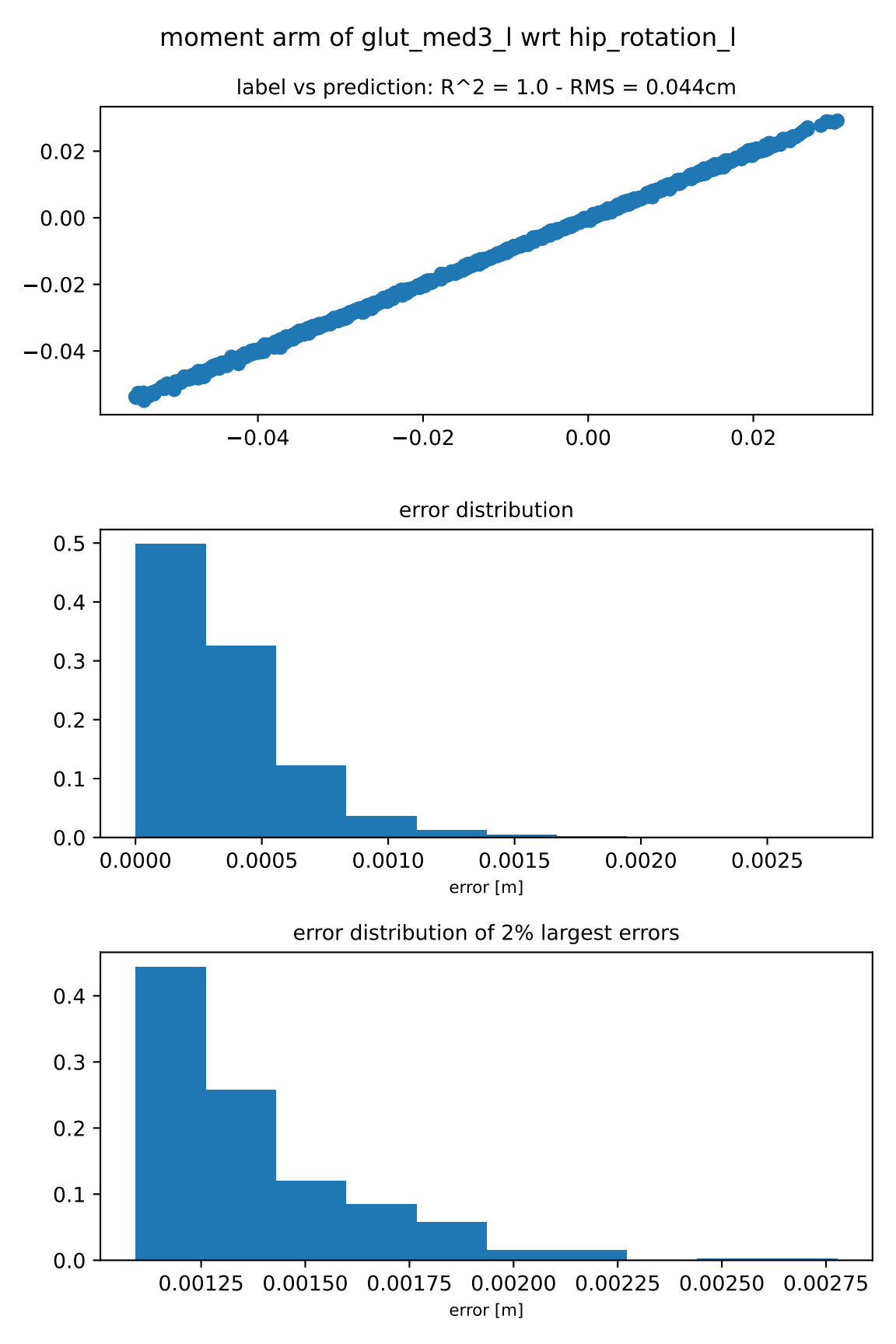

moment arm of glut_med2_l wrt hip_adduction_l
label vs prediction: R^2 = 0.998 - RMS = 0.054cm
−0.02
−0.03
−0.04
−0.05
−0.06
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.00150 0.00175 0.00200 0.00225 0.00250 0.00275 0.00300 0.00325
error [m]

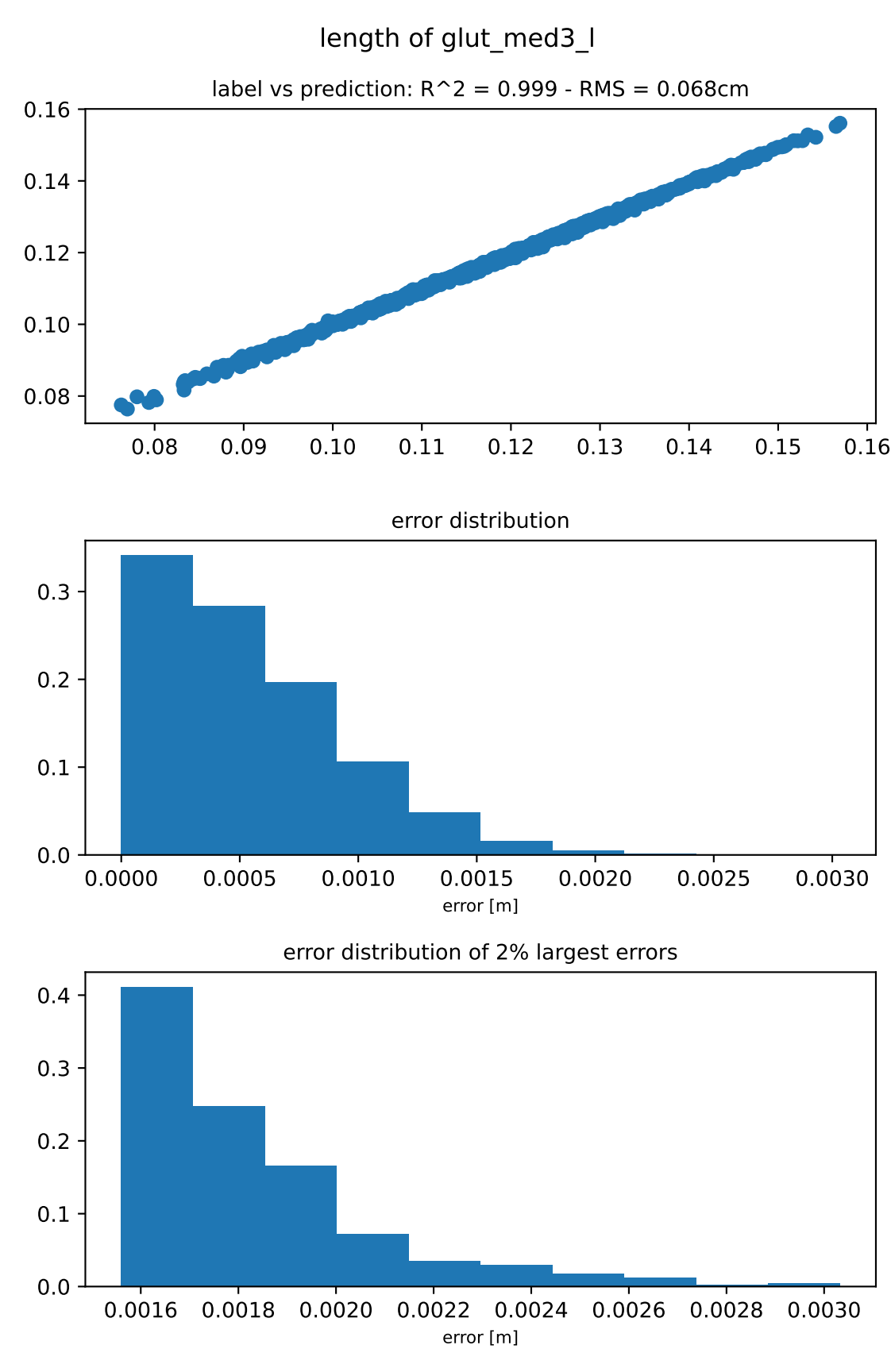

moment arm of glut_med2_l wrt hip_rotation_l
label vs prediction: R^2 = 1.0 - RMS = 0.067cm
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0014
0.0016
0.0018
0.0020
0.0022
0.0024
0.0026
error [m]

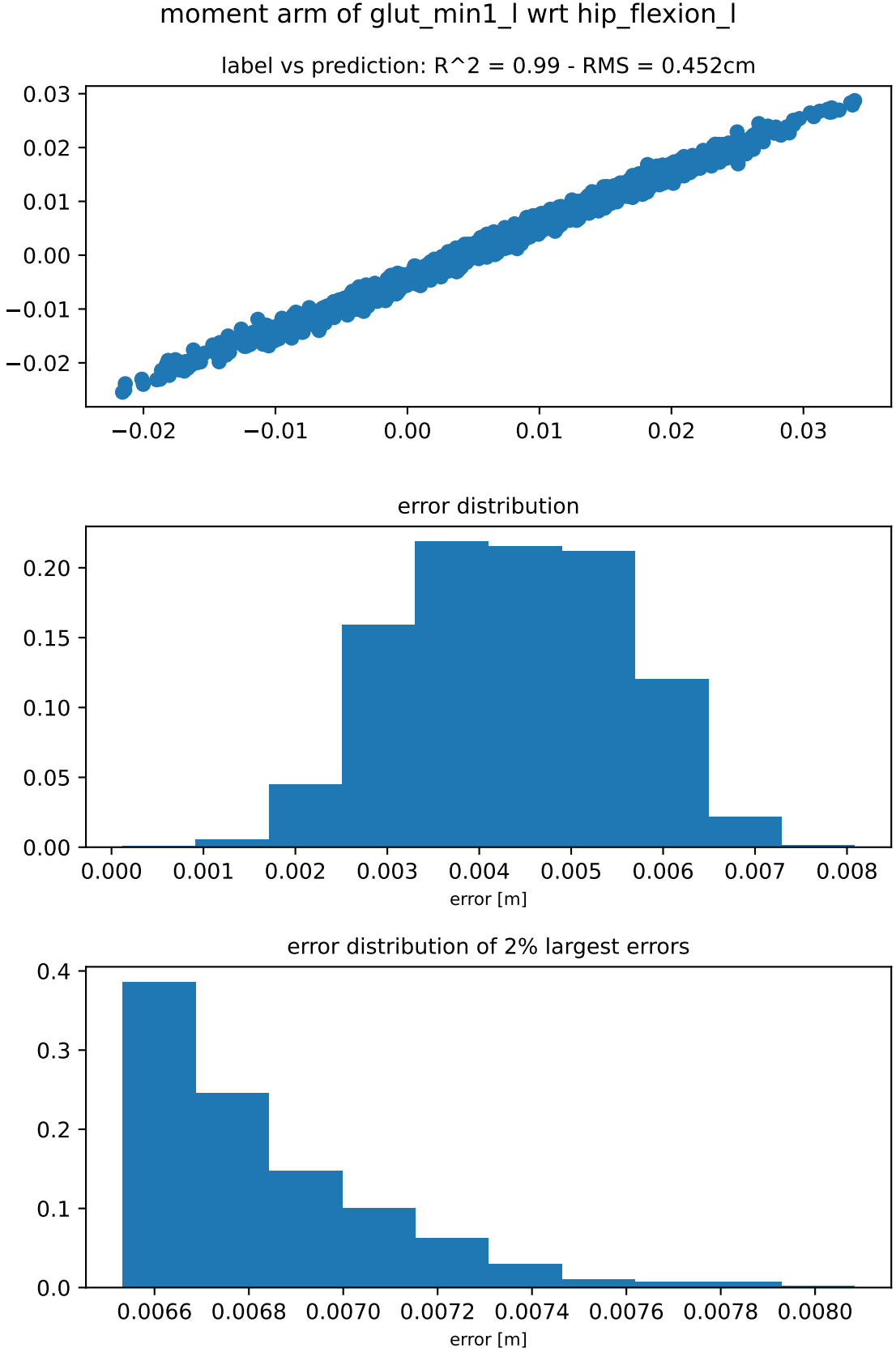

length of glut_med2_l
label vs prediction: R^2 = 0.999 - RMS = 0.063cm
0.18
0.16
0.14
0.12
0.10
0.10
0.12
0.14
0.16
0.18
error distribution
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0014
0.0016
0.0018
0.0020
0.0022
0.0024
0.0026
error [m]

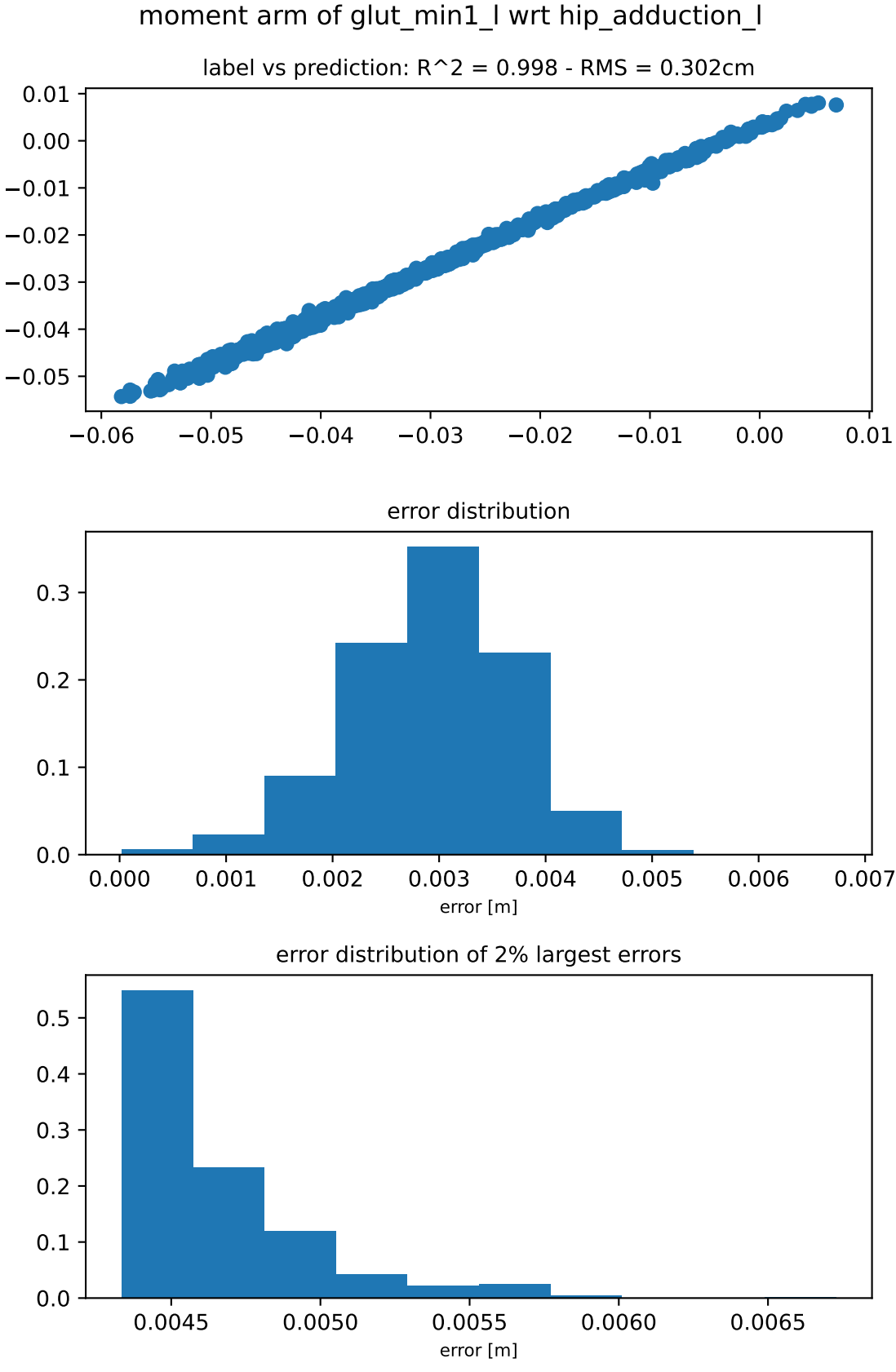

moment arm of glut_med3_l wrt hip_flexion_l
label vs prediction: R^2 = 0.999 - RMS = 0.044cm
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.04
−0.03
−0.02
−0.01
0.00
0.01
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
error [m]

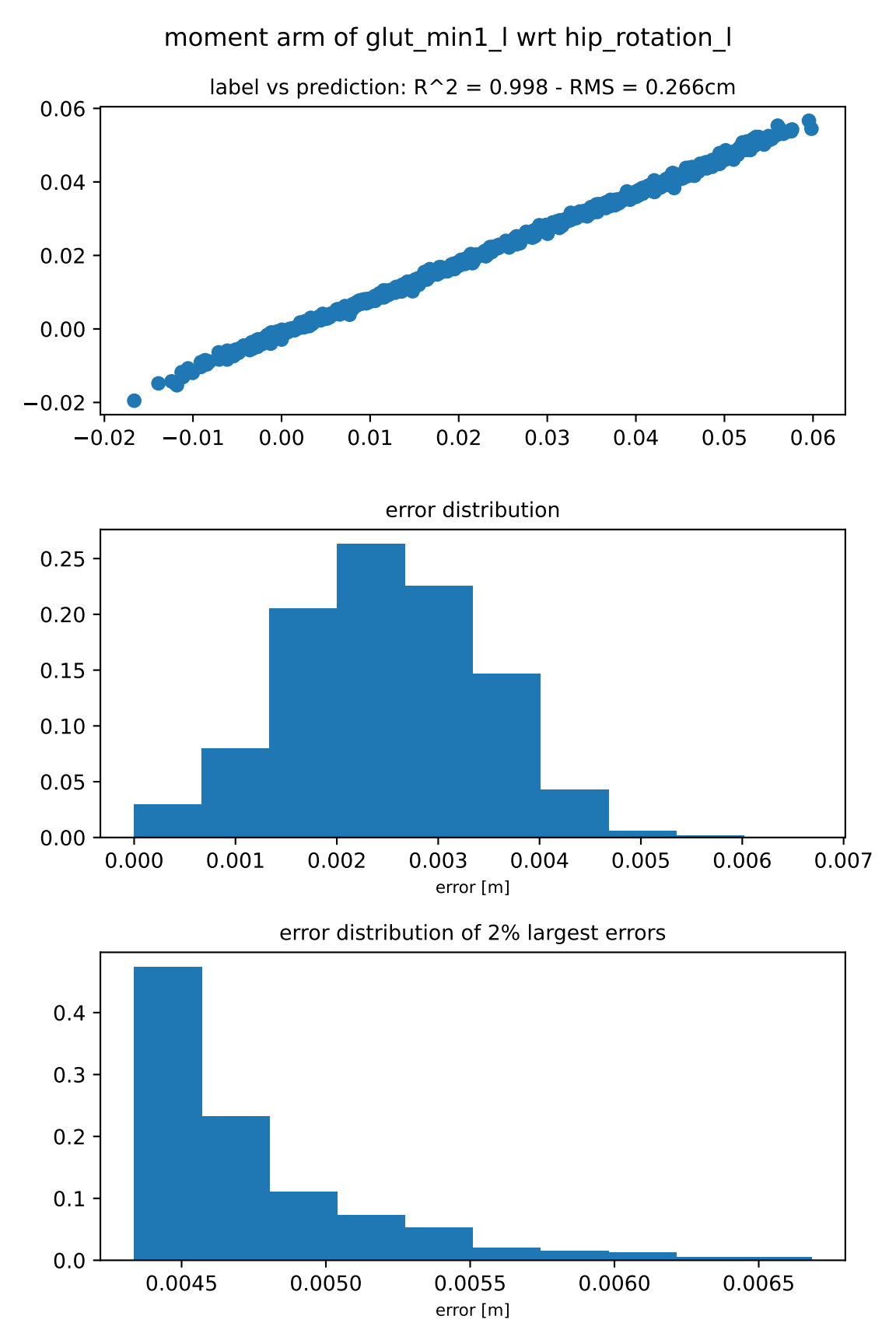

moment arm of glut_med3_l wrt hip_adduction_l
label vs prediction: R^2 = 0.997 - RMS = 0.043cm
−0.02
−0.03
−0.04
−0.05
−0.06
−0.05
−0.04
−0.03
−0.02
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
0.0024
0.0026
error [m]

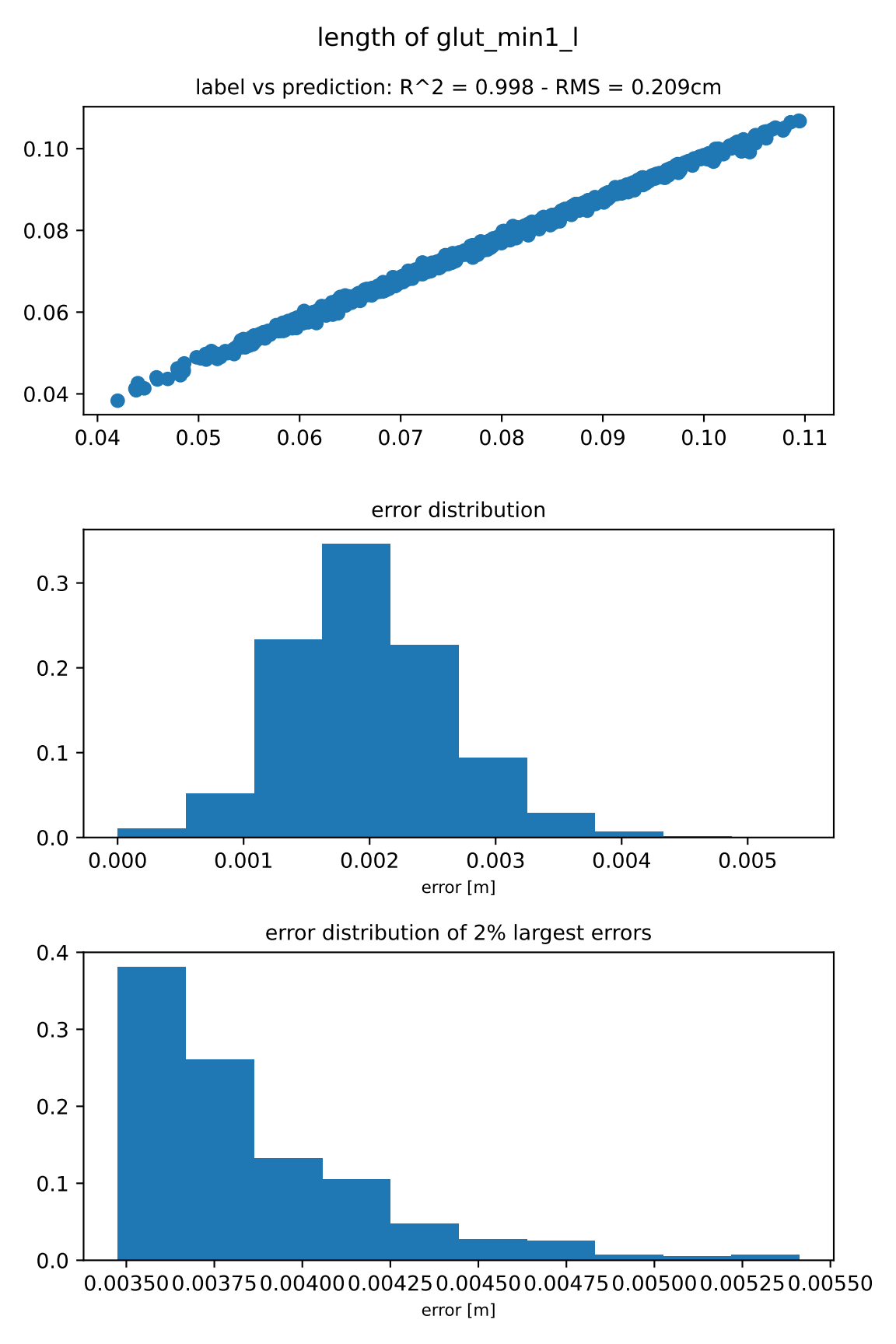

moment arm of glut_med3_l wrt hip_rotation_l
label vs prediction: R^2 = 1.0 - RMS = 0.044cm
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.00125
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
error [m]

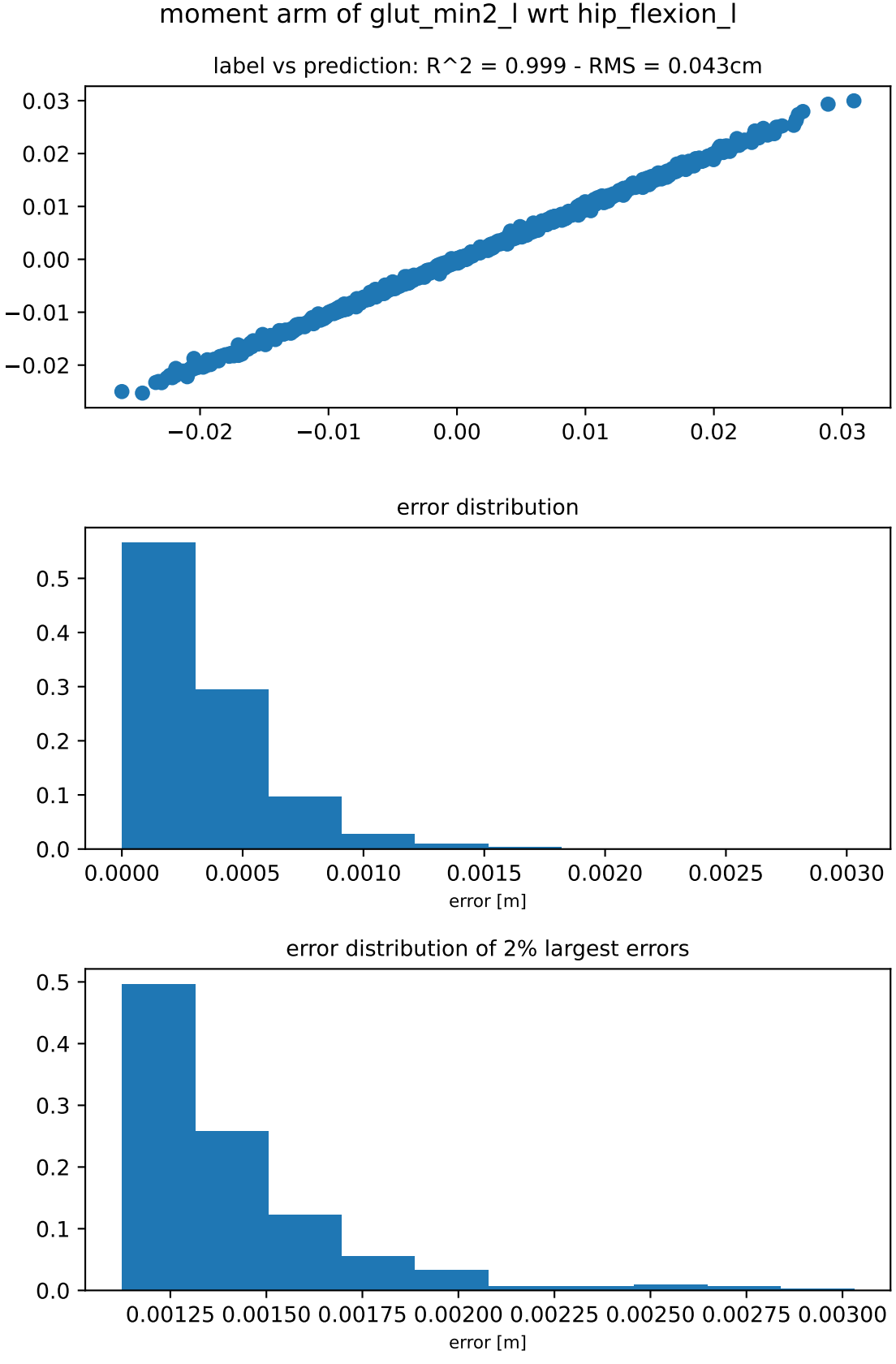

length of glut_med3_l
label vs prediction: R^2 = 0.999 - RMS = 0.068cm
0.16
0.14
0.12
0.10
0.08
0.08
0.09
0.10
0.11
0.12
0.13
0.14
0.15
0.16
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0016
0.0018
0.0020
0.0022
0.0024
0.0026
0.0028
0.0030
error [m]

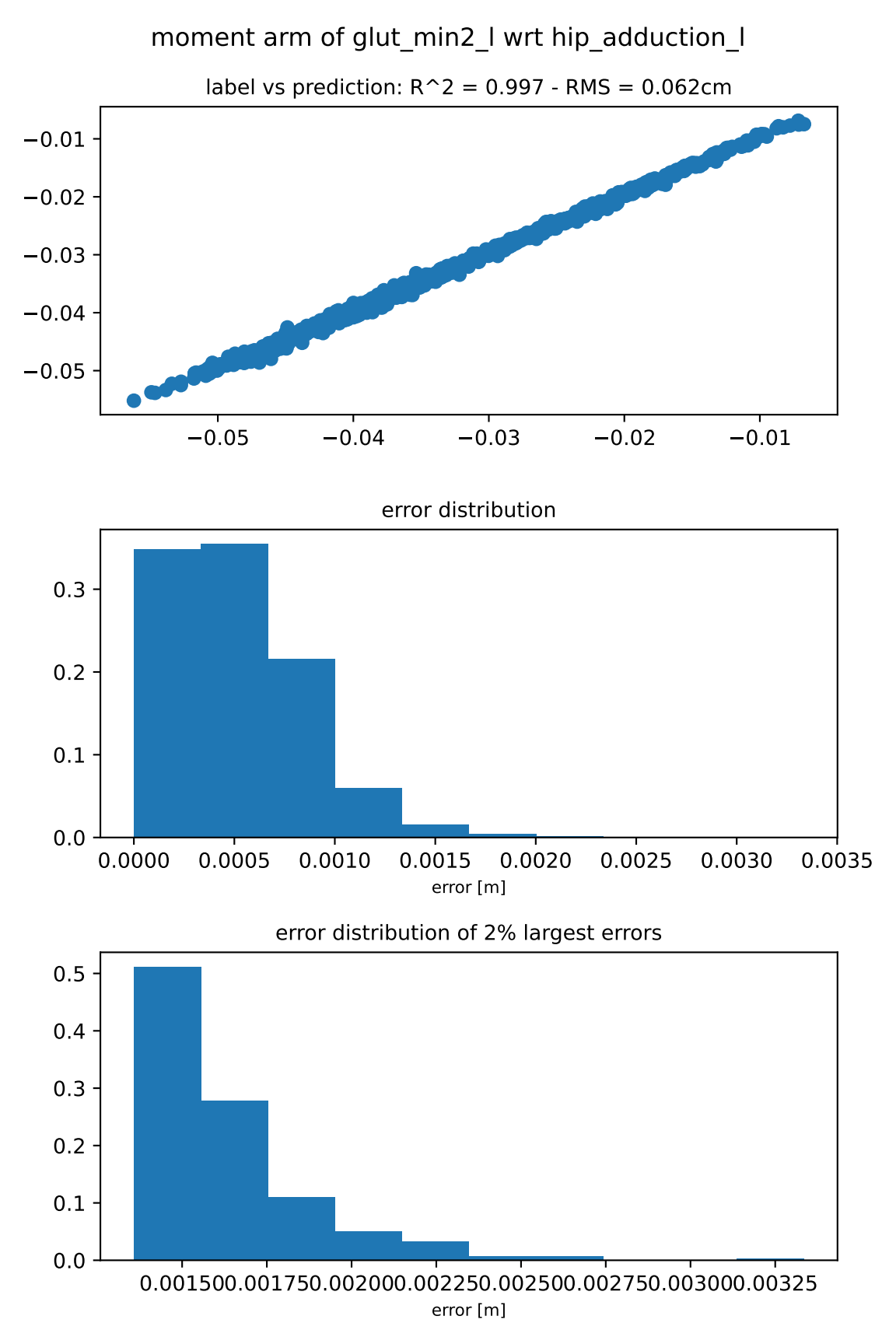

moment arm of glut_min1_l wrt hip_flexion_l
label vs prediction: R^2 = 0.99 - RMS = 0.452cm
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.02
−0.01
0.00
0.01
0.02
0.03
error distribution
0.20
0.15
0.10
0.05
0.00
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
0.008
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0066
0.0068
0.0070
0.0072
0.0074
0.0076
0.0078
0.0080
error [m]

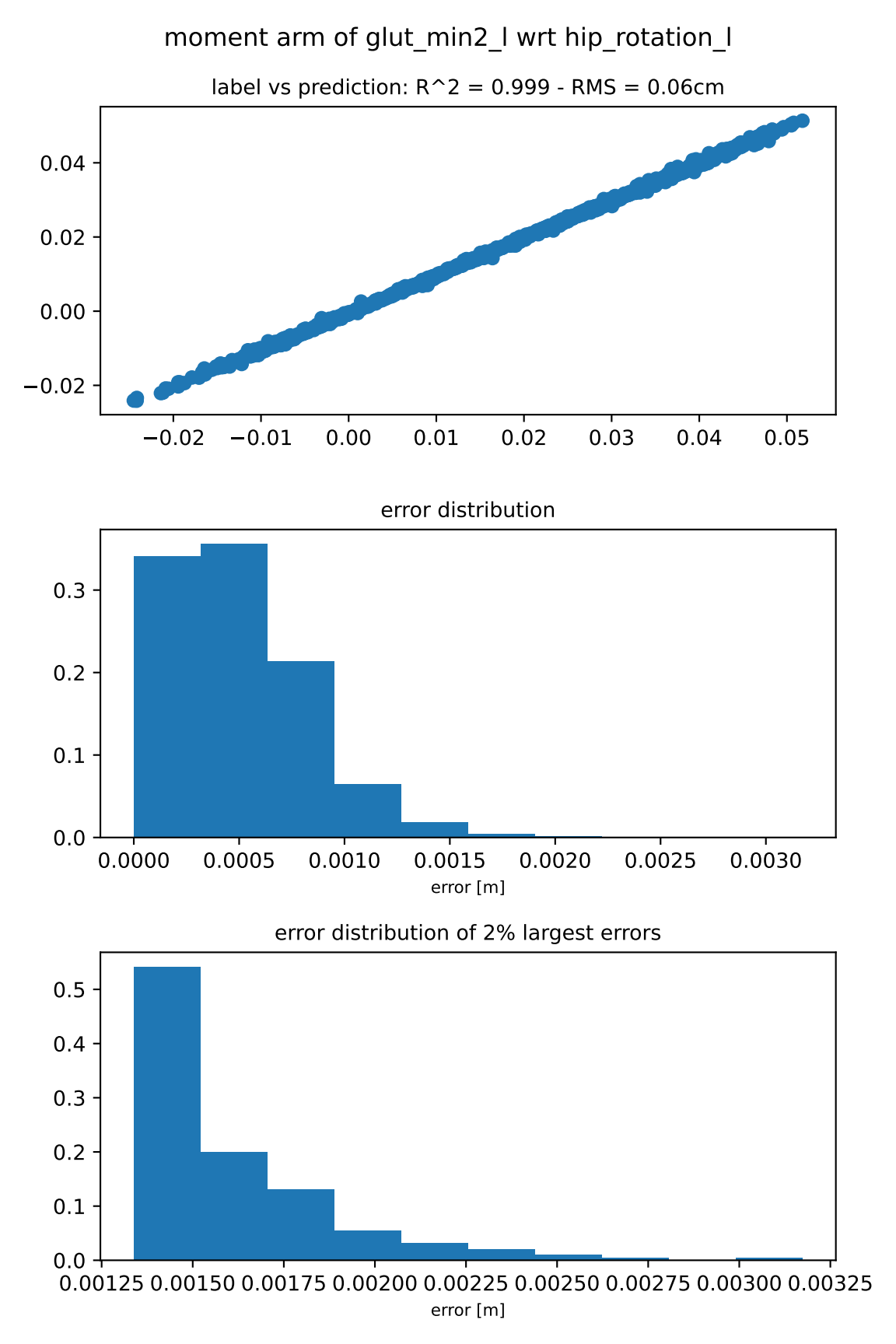

moment arm of glut_min1_l wrt hip_adduction_l
label vs prediction: R^2 = 0.998 - RMS = 0.302cm
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
0.00
0.01
error distribution
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0045
0.0050
0.0055
0.0060
0.0065
error [m]

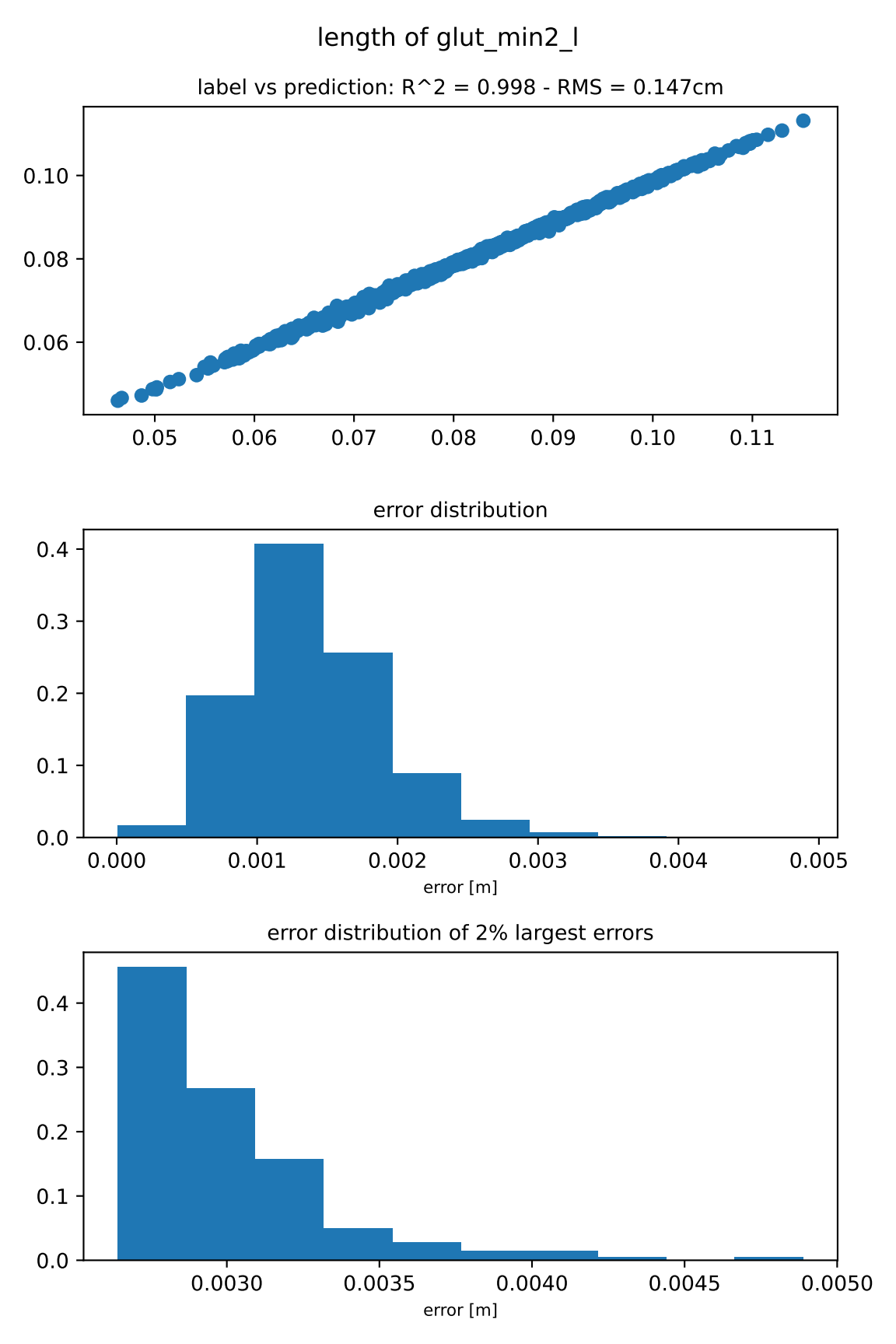

moment arm of glut_min1_l wrt hip_rotation_l
label vs prediction: R^2 = 0.998 - RMS = 0.266cm
0.06
0.04
0.02
0.00
−0.02
−0.02
−0.01
0.00
0.01
0.02
0.03
0.04
0.05
0.06
error distribution
0.25
0.20
0.15
0.10
0.05
0.00
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0045
0.0050
0.0055
0.0060
0.0065
error [m]

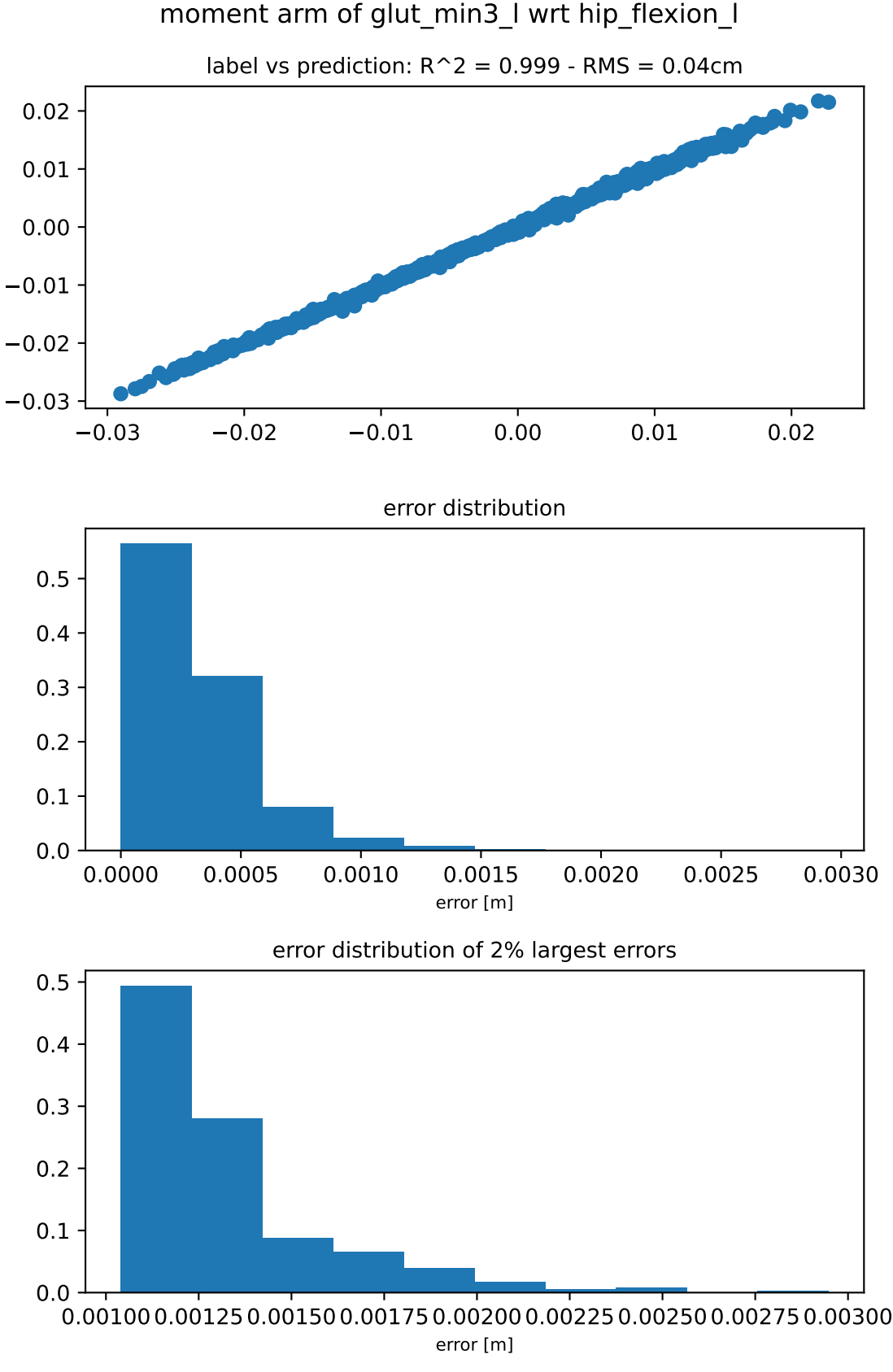

length of glut_min1_l
label vs prediction: R^2 = 0.998 - RMS = 0.209cm
0.10
0.08
0.06
0.04
0.04
0.05
0.06
0.07
0.08
0.09
0.10
0.11
error distribution
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.00350
0.00375
0.00400
0.00425
0.00450
0.00475
0.00500
0.00525
0.00550
error [m]

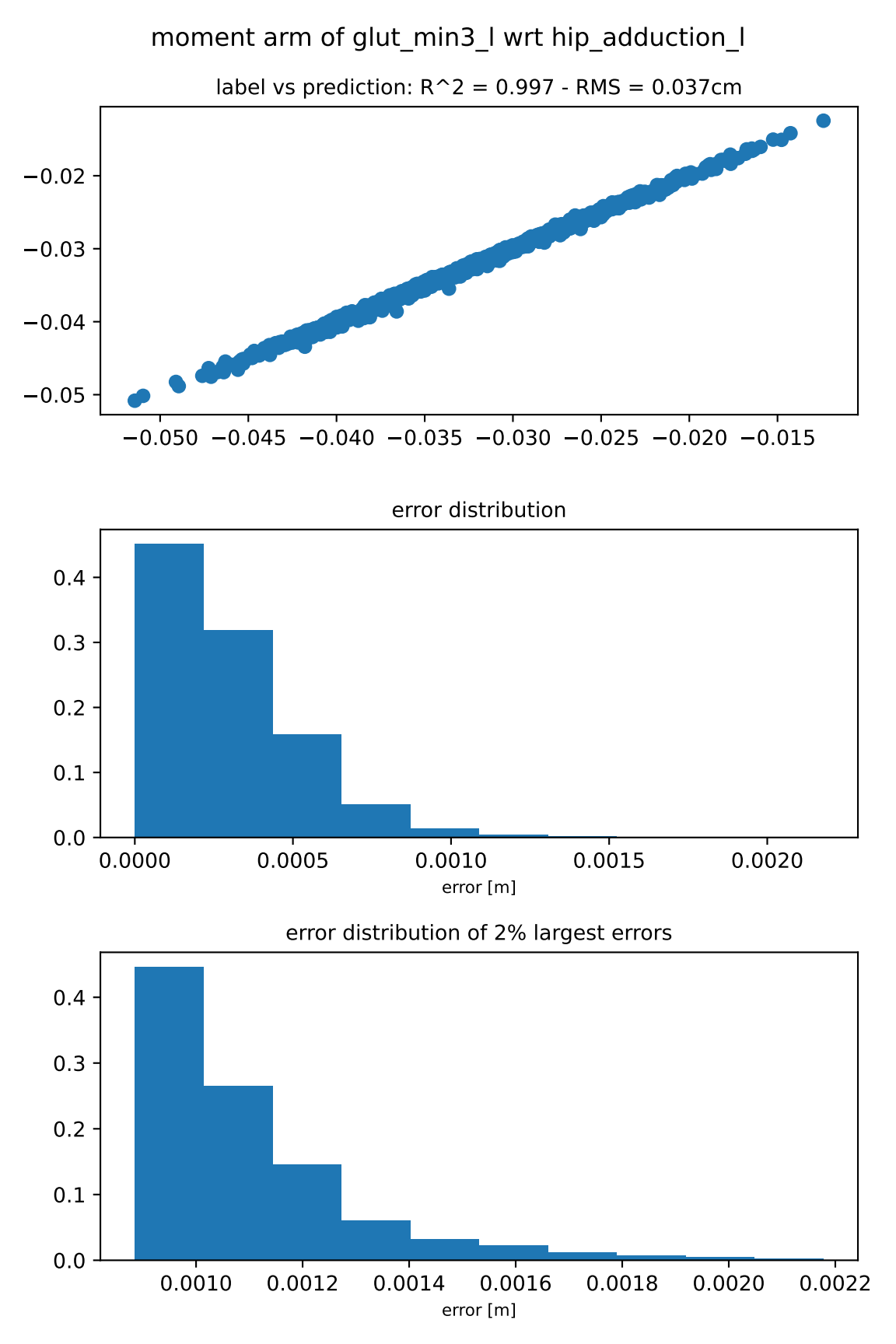

moment arm of glut_min2_l wrt hip_flexion_l
label vs prediction: R^2 = 0.999 - RMS = 0.043cm
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.02
−0.01
0.00
0.01
0.02
0.03
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00125 0.00150 0.00175 0.00200 0.00225 0.00250 0.00275 0.00300
error [m]

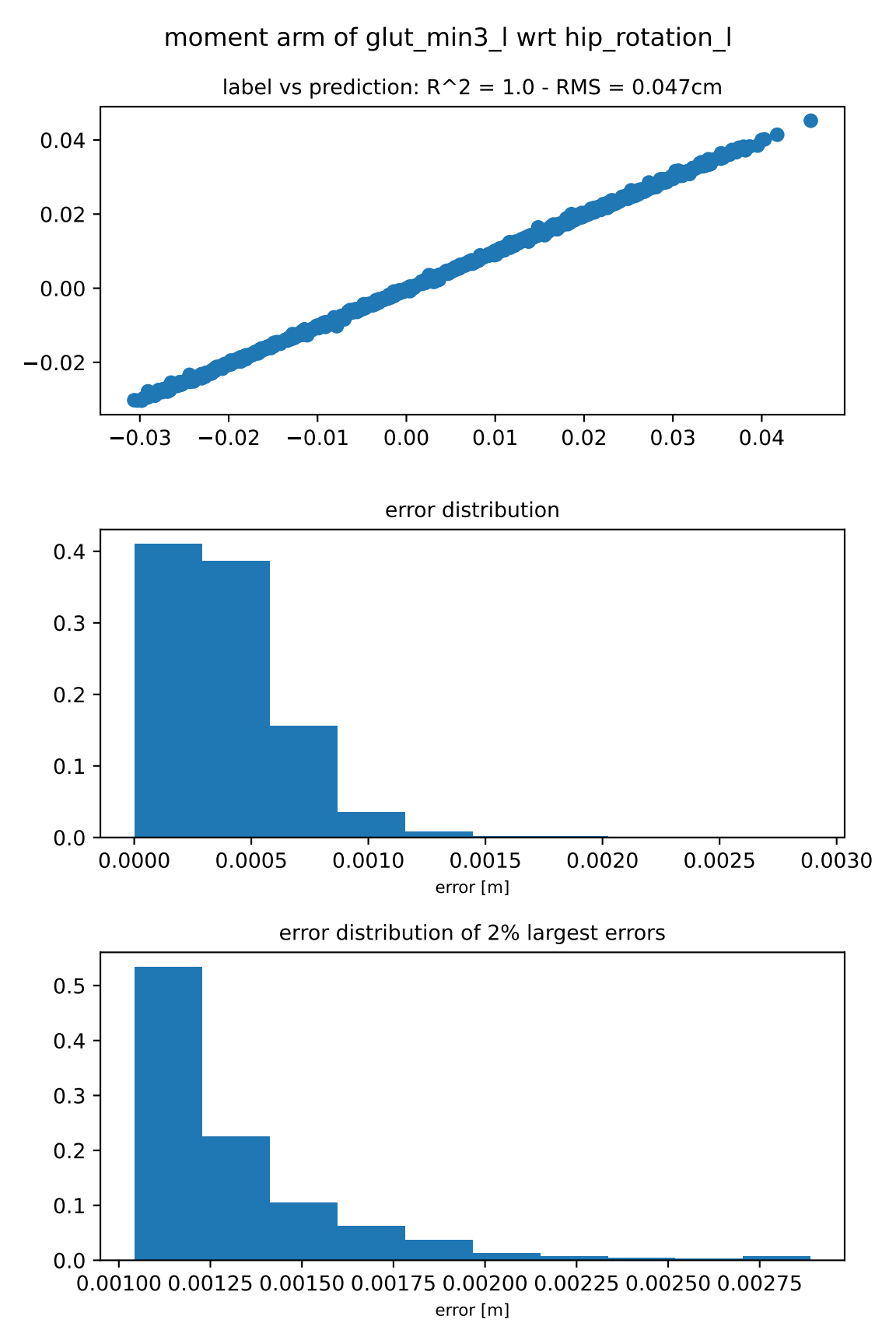

moment arm of glut_min2_l wrt hip_adduction_l
label vs prediction: R^2 = 0.997 - RMS = 0.062cm
−0.01
−0.02
−0.03
−0.04
−0.05
−0.05
−0.04
−0.03
−0.02
−0.01
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.001500.001750.002000.002250.002500.002750.003000.00325
error [m]

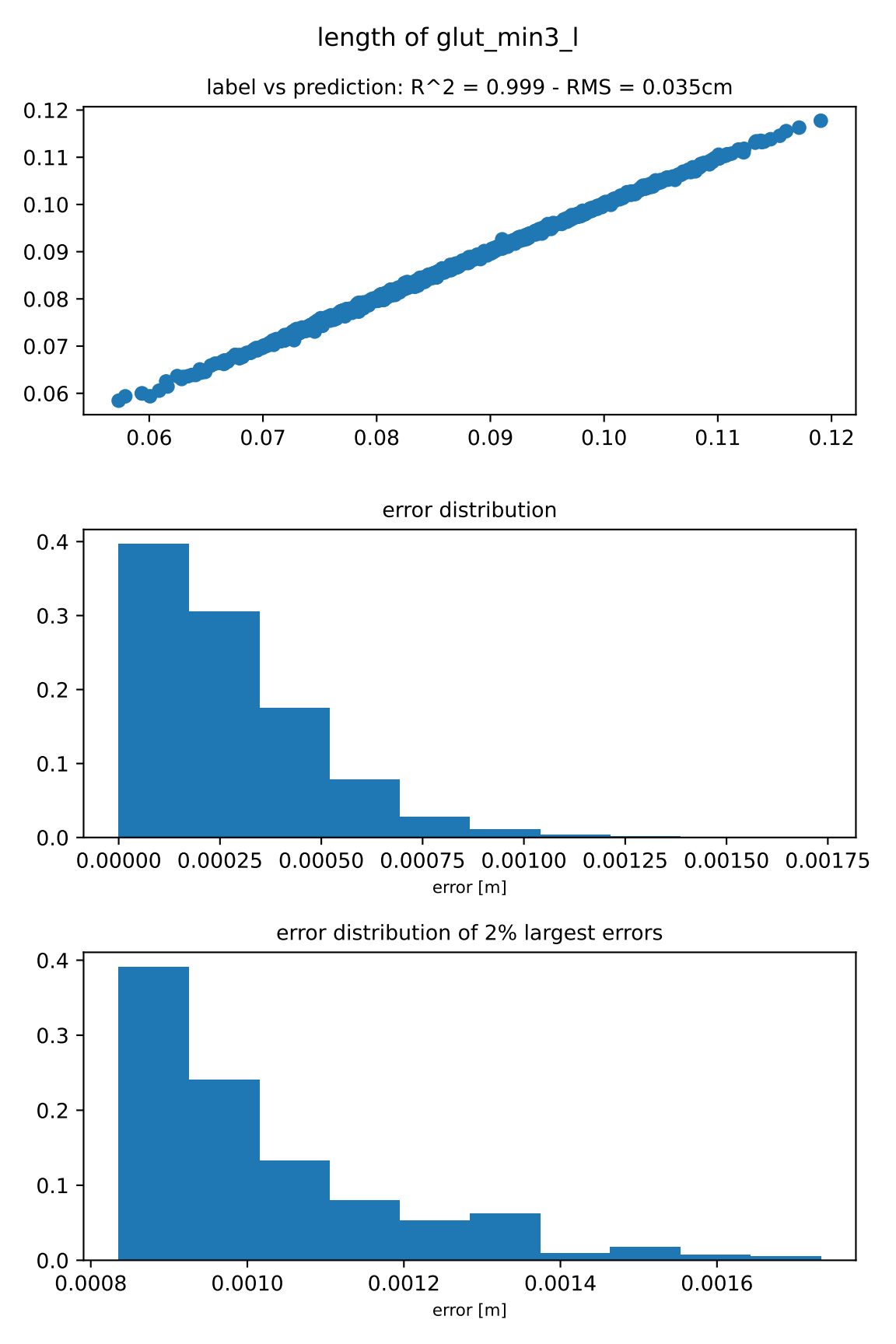

moment arm of glut_min2_l wrt hip_rotation_l
label vs prediction: R^2 = 0.999 - RMS = 0.06cm
0.04
0.02
0.00
−0.02
−0.02
−0.01
0.00
0.01
0.02
0.03
0.04
0.05
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00125 0.00150 0.00175 0.00200 0.00225 0.00250 0.00275 0.00300 0.00325
error [m]

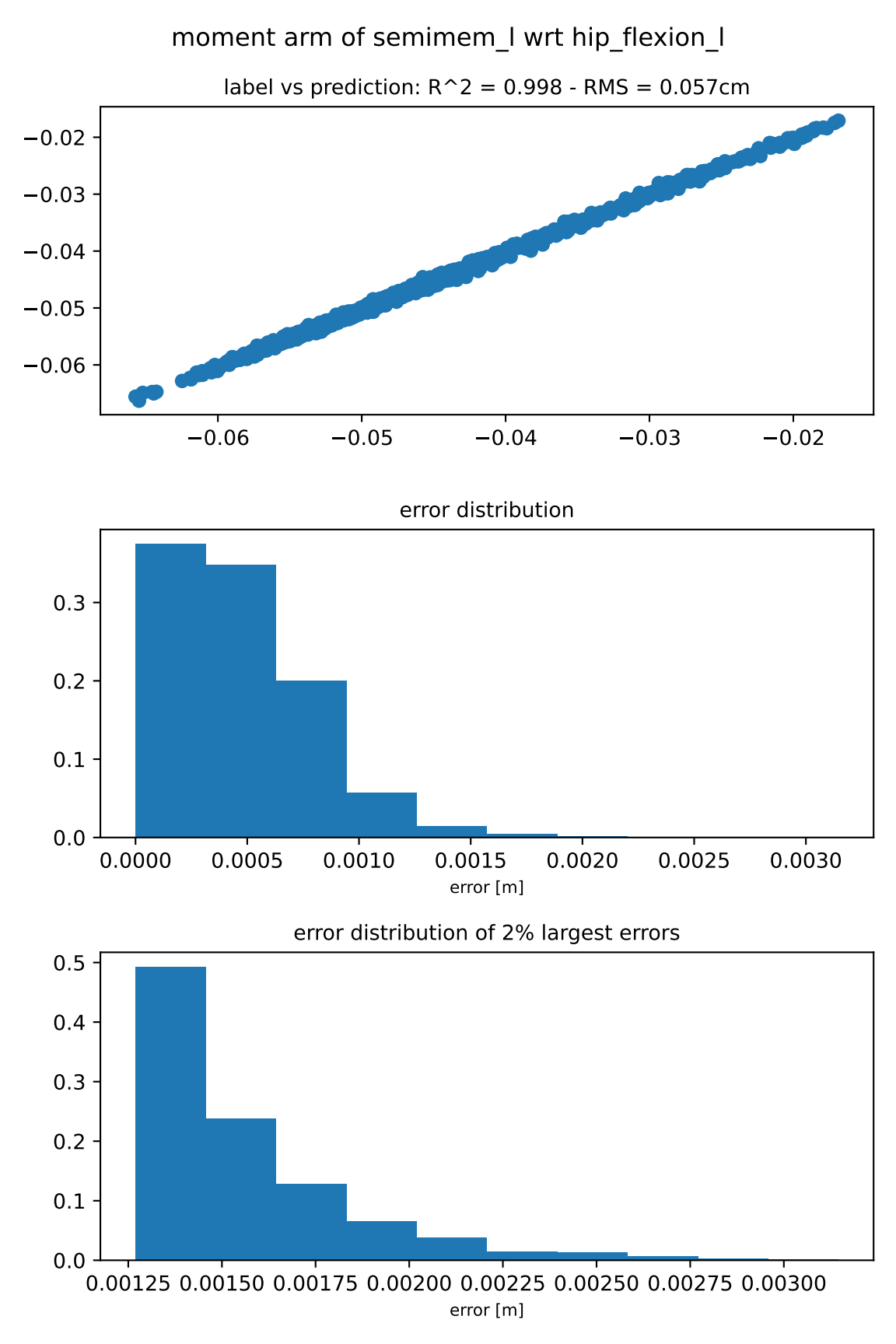

length of glut_min2_l
label vs prediction: R^2 = 0.998 - RMS = 0.147cm
0.10
0.08
0.06
0.05
0.06
0.07
0.08
0.09
0.10
0.11
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

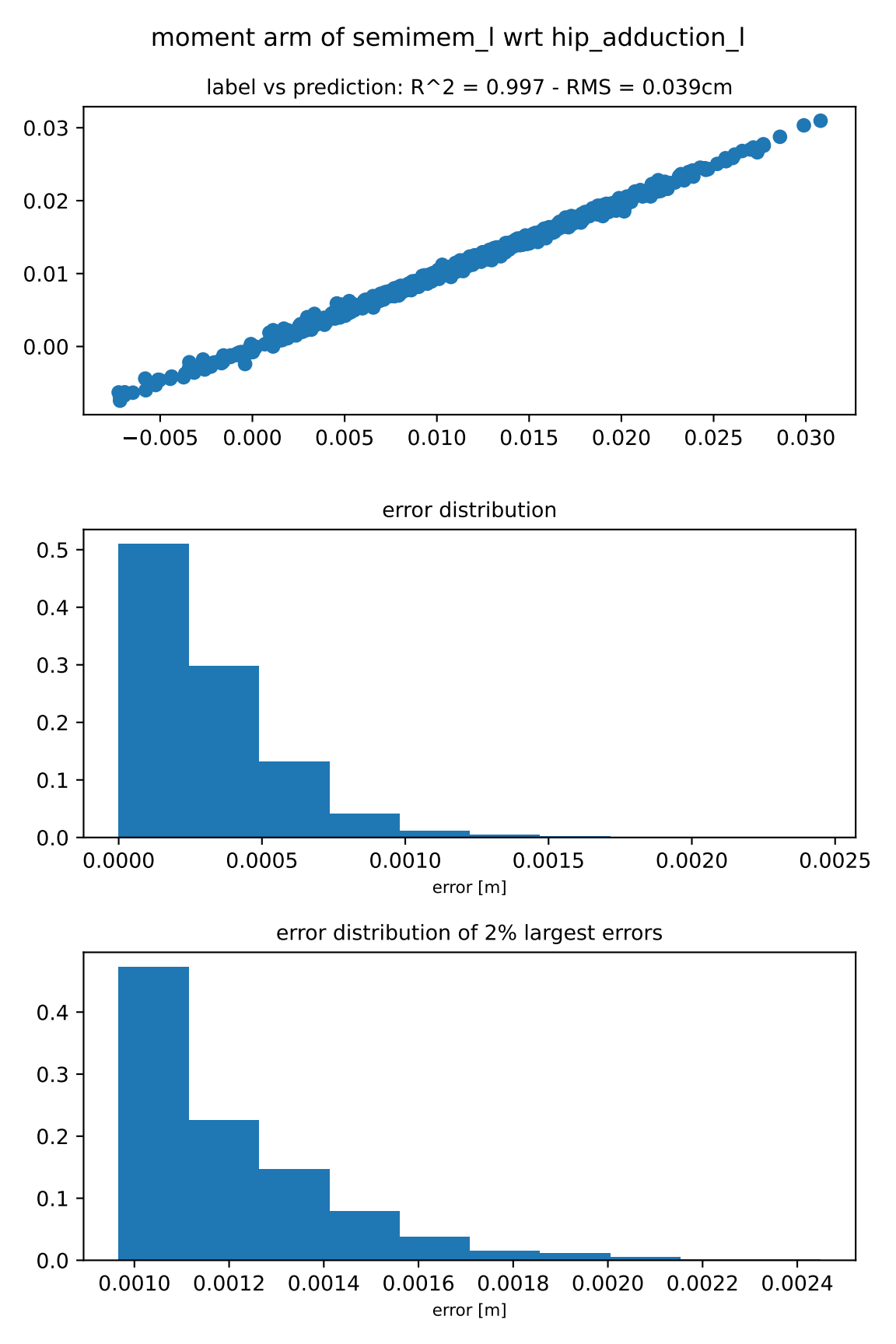

moment arm of glut_min3_l wrt hip_flexion_l
label vs prediction: R^2 = 0.999 - RMS = 0.04cm
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.03
−0.02
−0.01
0.00
0.01
0.02
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00100
0.00125
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
error [m]

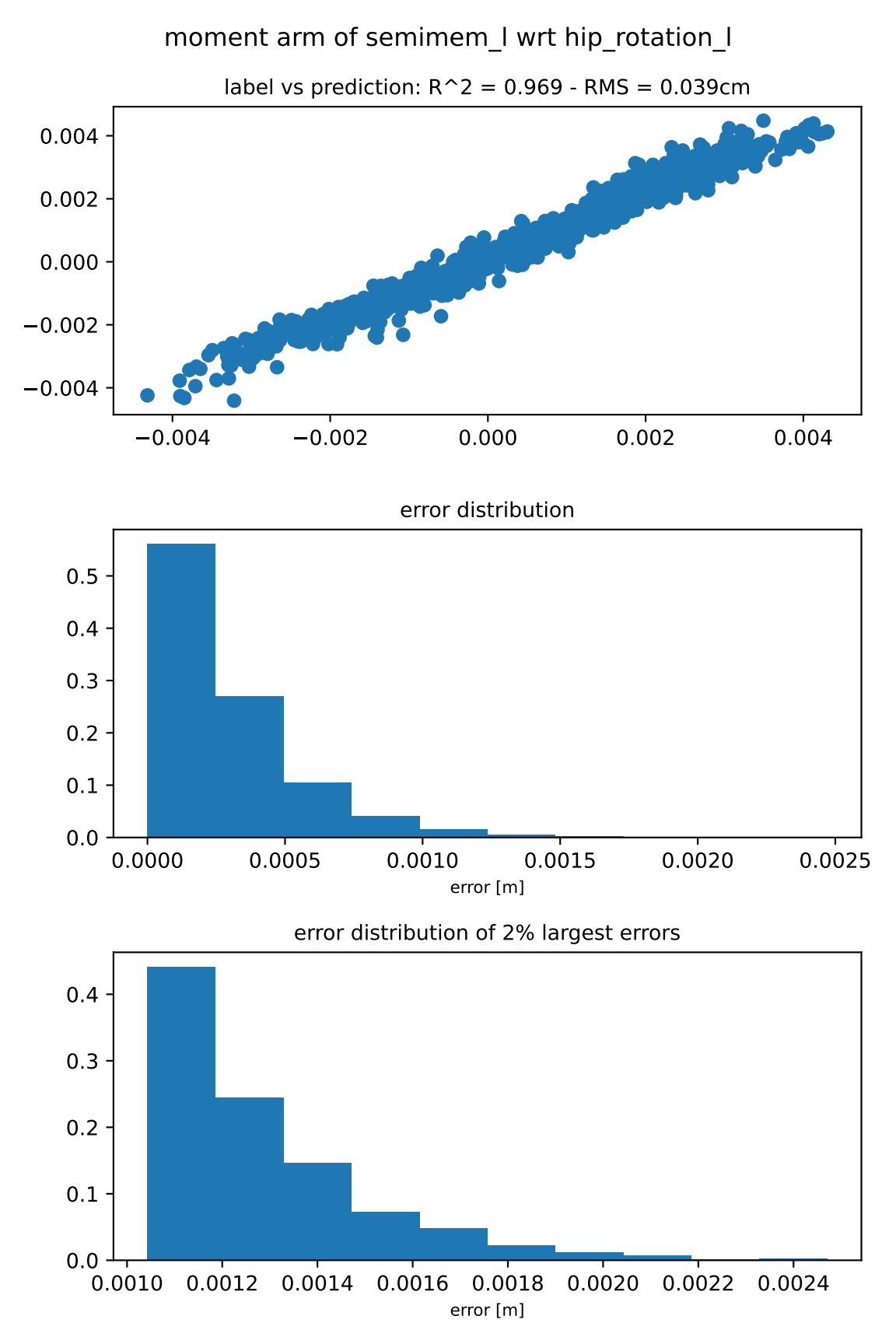

moment arm of glut_min3_l wrt hip_adduction_l
label vs prediction: R^2 = 0.997 - RMS = 0.037cm
−0.02
−0.03
−0.04
−0.05
−0.050
−0.045
−0.040
−0.035
−0.030
−0.025
−0.020
−0.015
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
error [m]

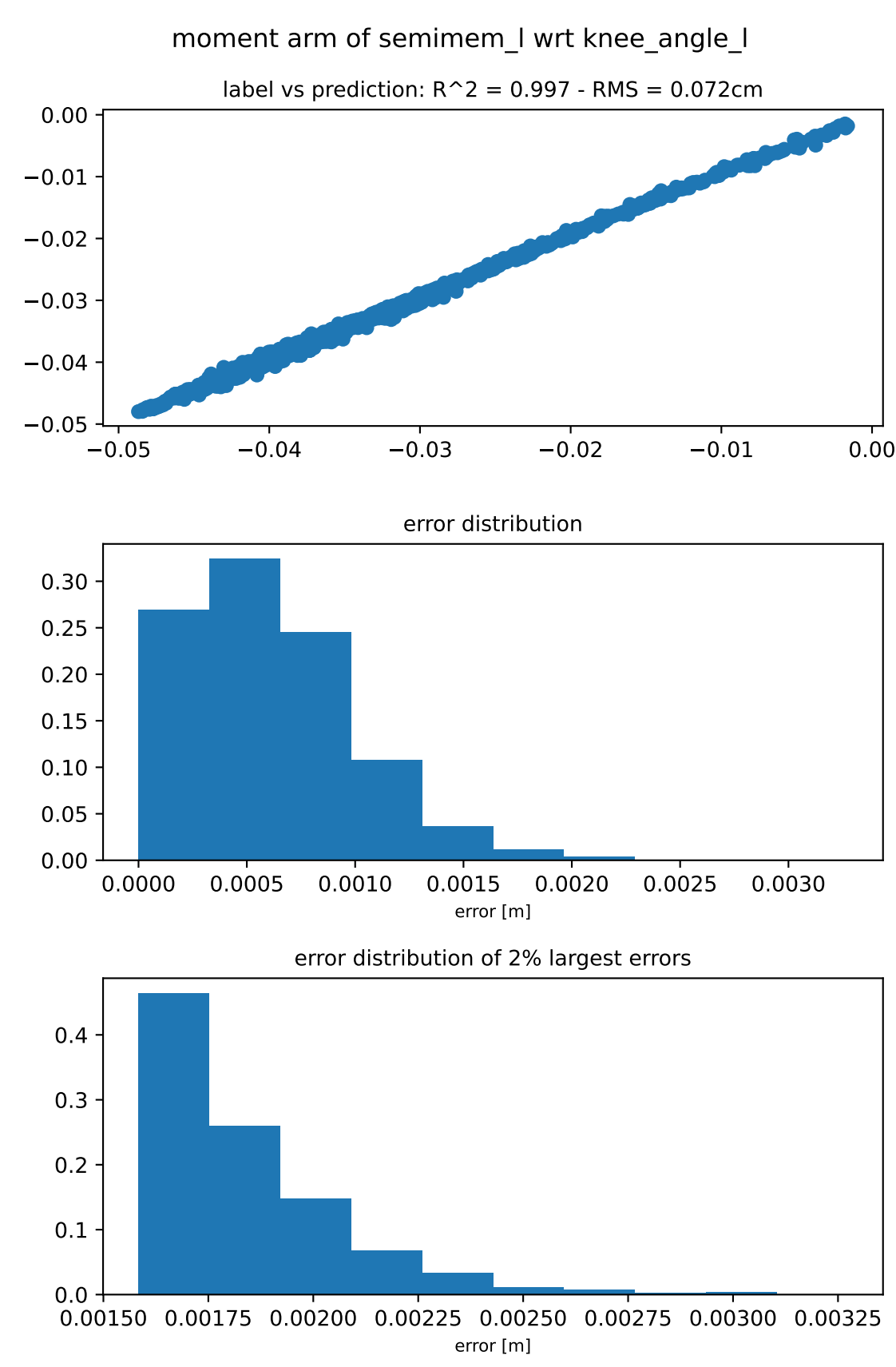

moment arm of glut_min3_l wrt hip_rotation_l
label vs prediction: R^2 = 1.0 - RMS = 0.047cm
0.04
0.02
0.00
−0.02
−0.03
−0.02
−0.01
0.00
0.01
0.02
0.03
0.04
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00100 0.00125 0.00150 0.00175 0.00200 0.00225 0.00250 0.00275
error [m]

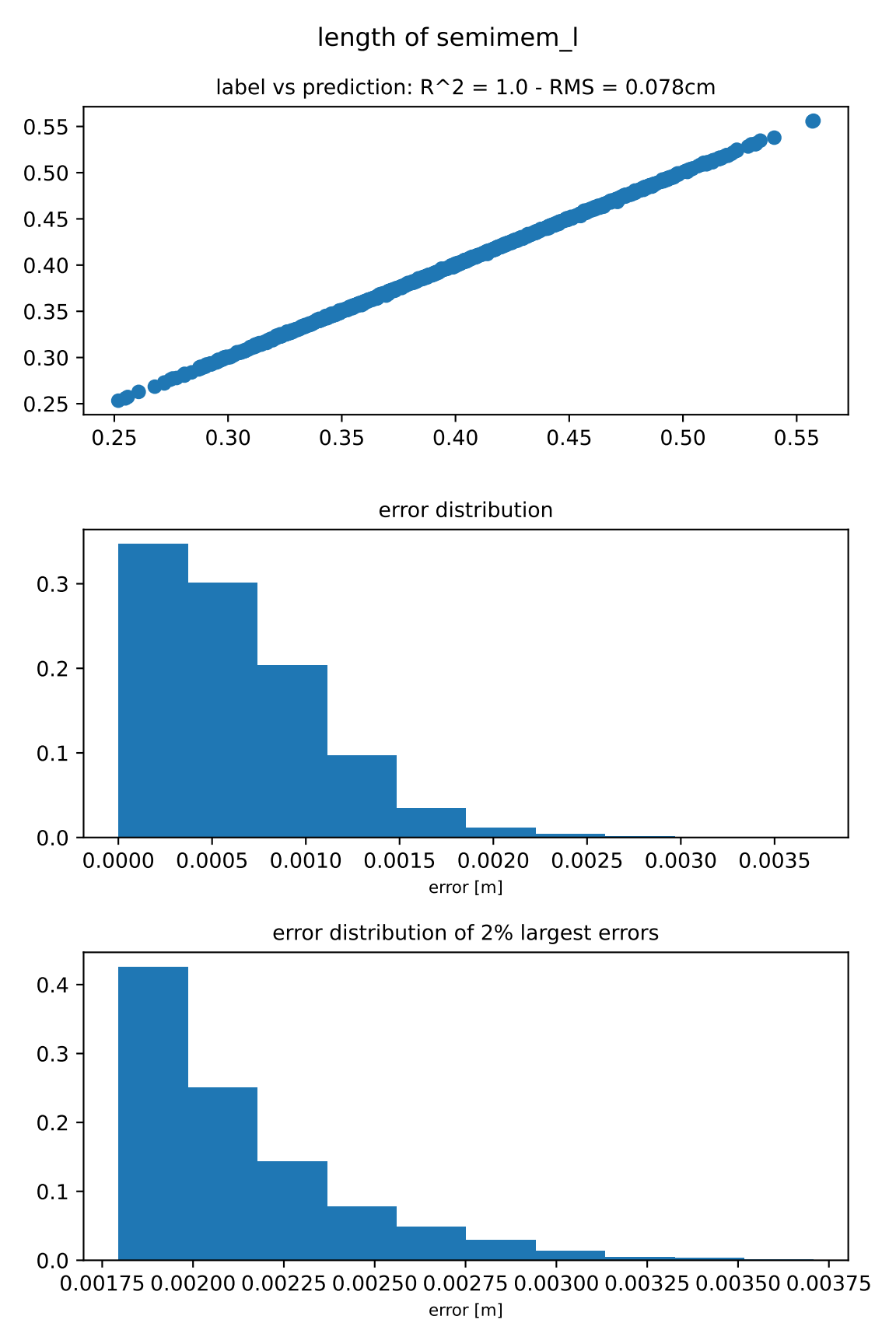

length of glut_min3_l
label vs prediction: R^2 = 0.999 - RMS = 0.035cm
0.12
0.11
0.10
0.09
0.08
0.07
0.06
0.06
0.07
0.08
0.09
0.10
0.11
0.12
error distribution
0.4
0.3
0.2
0.1
0.0
0.00000
0.00025
0.00050
0.00075
0.00100
0.00125
0.00150
0.00175
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0008
0.0010
0.0012
0.0014
0.0016
error [m]

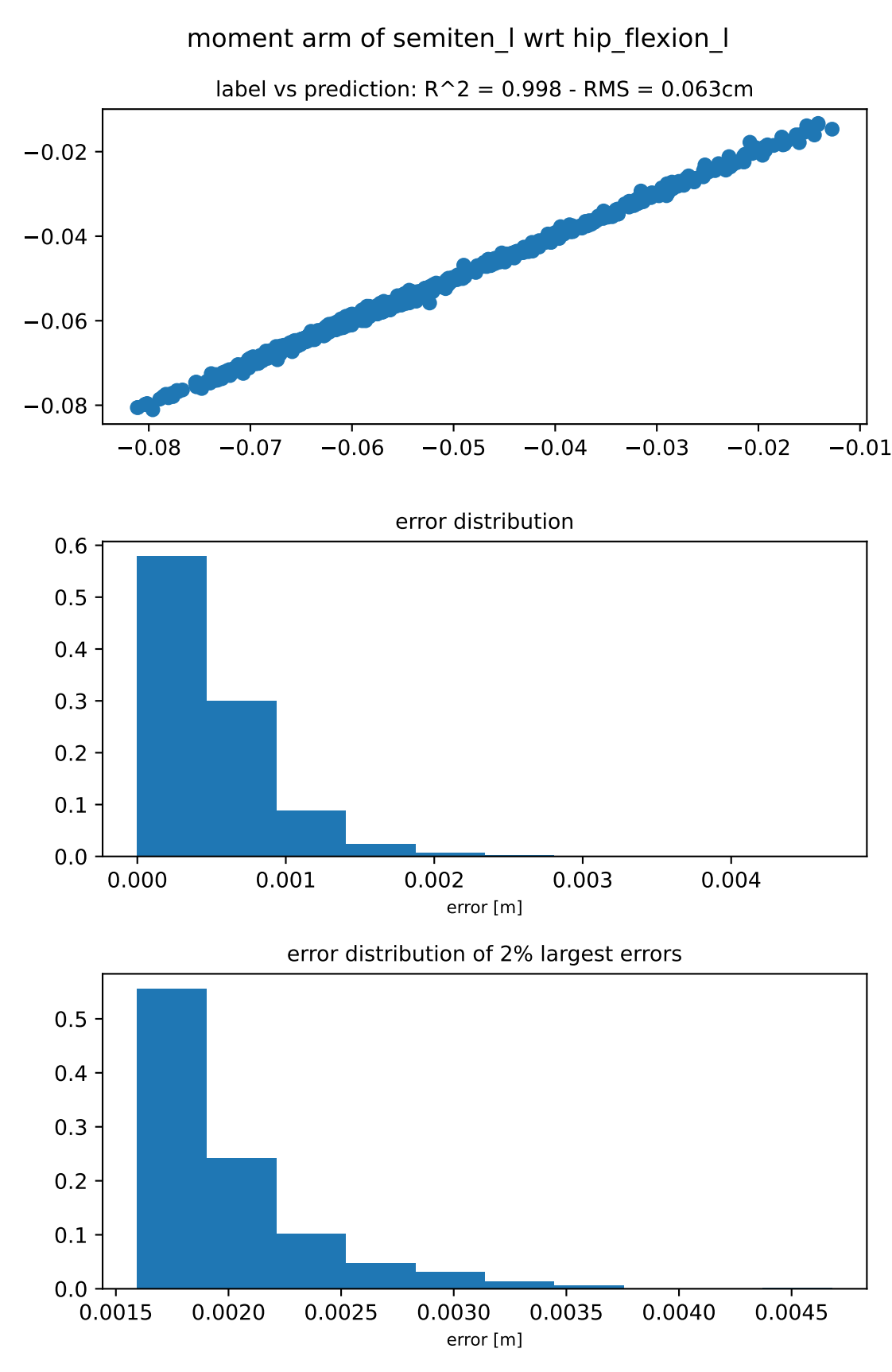

moment arm of semimem_l wrt hip_flexion_l
label vs prediction: R^2 = 0.998 - RMS = 0.057cm
−0.02
−0.03
−0.04
−0.05
−0.06
−0.06
−0.05
−0.04
−0.03
−0.02
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00125
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
error [m]

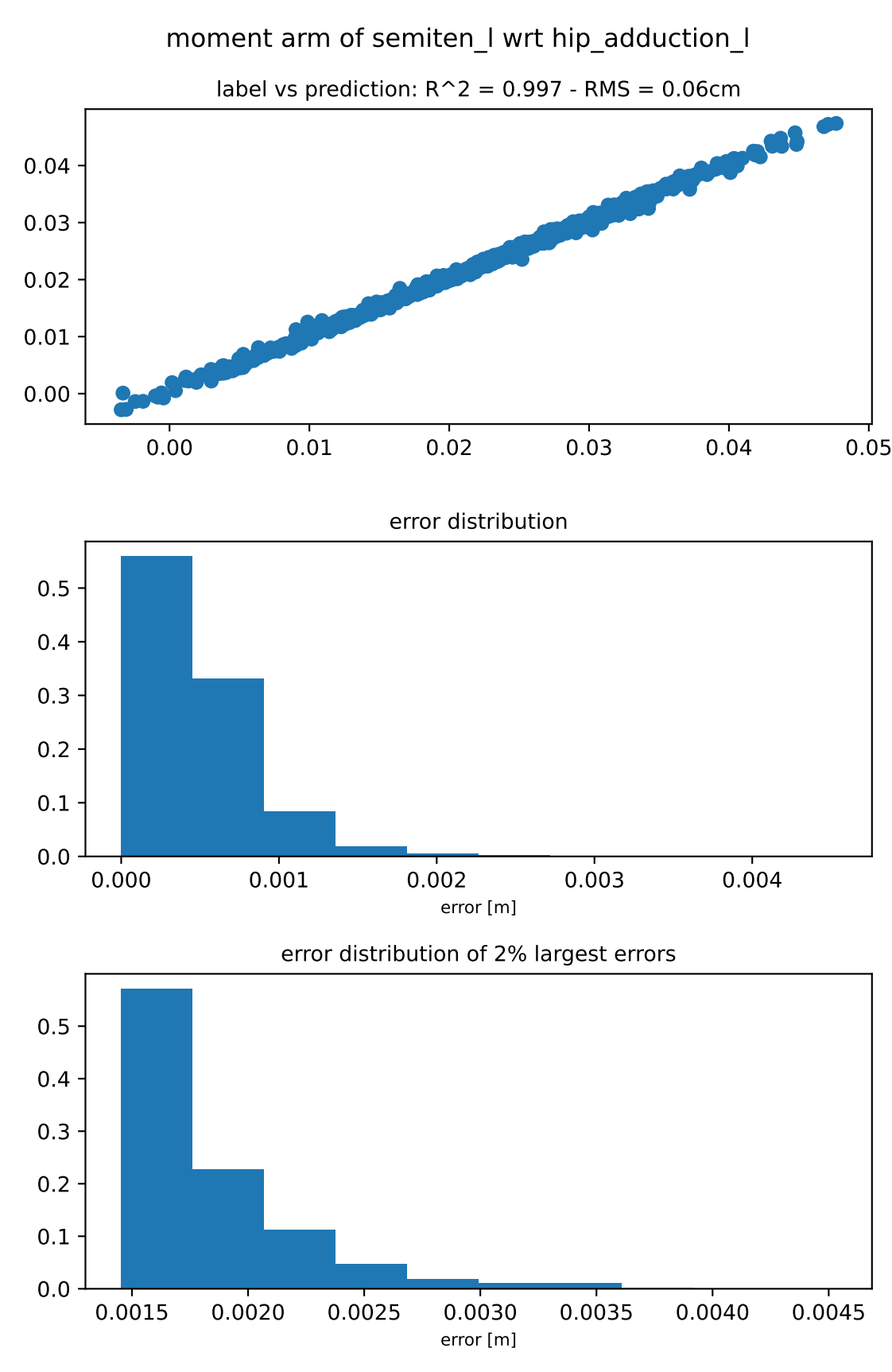

moment arm of semimem_l wrt hip_adduction_l
label vs prediction: R^2 = 0.997 - RMS = 0.039cm
0.03
0.02
0.01
0.00
−0.005
0.000
0.005
0.010
0.015
0.020
0.025
0.030
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
0.0024
error [m]

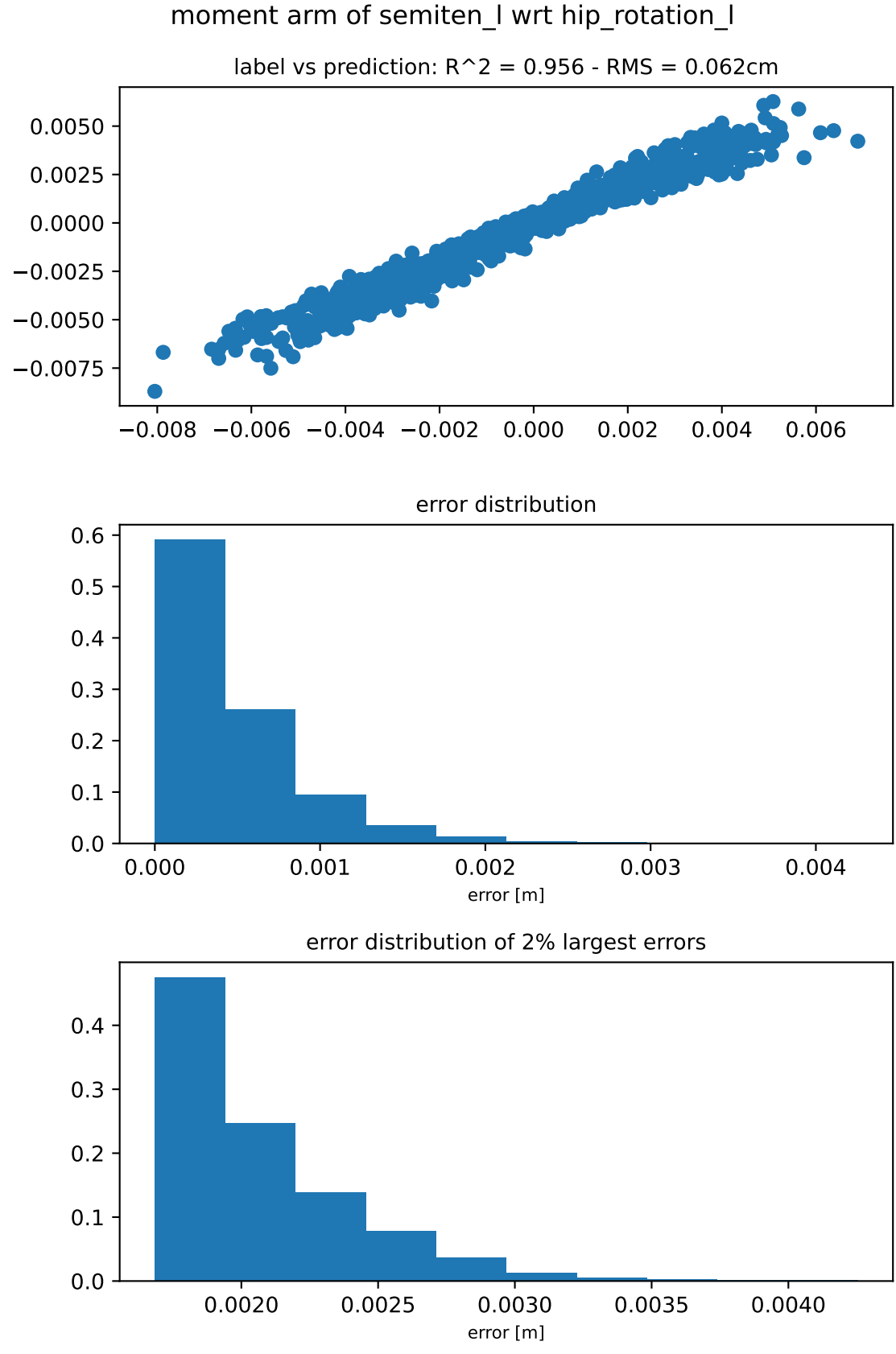

moment arm of semimem_l wrt hip_rotation_l
label vs prediction: R^2 = 0.969 - RMS = 0.039cm
0.004
0.002
0.000
−0.002
−0.004
−0.004
−0.002
0.000
0.002
0.004
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
0.0024
error [m]

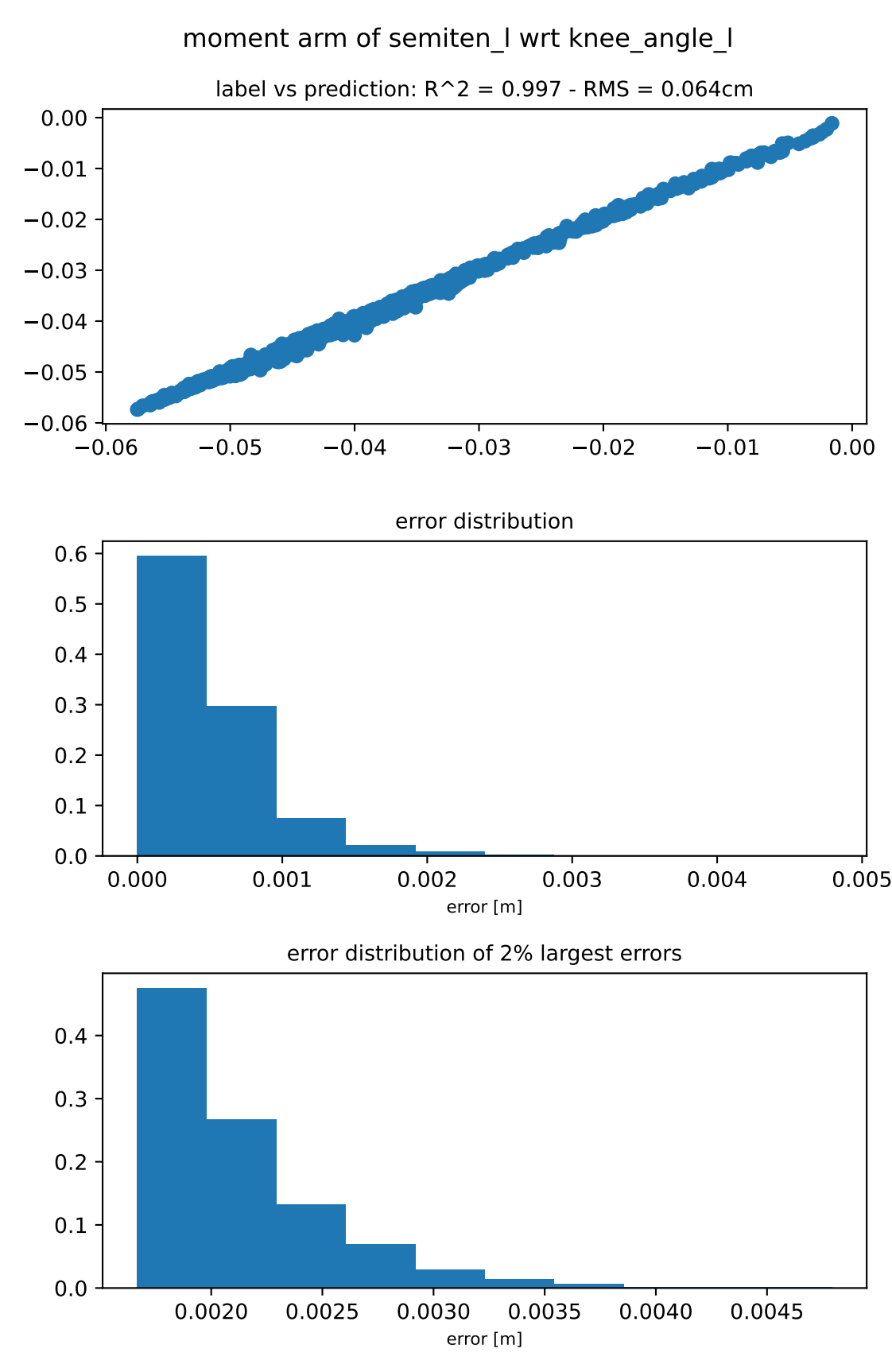

moment arm of semimem_l wrt knee_angle_l
label vs prediction: R^2 = 0.997 - RMS = 0.072cm
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.05
−0.04
−0.03
−0.02
−0.01
0.00
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
0.00325
error [m]

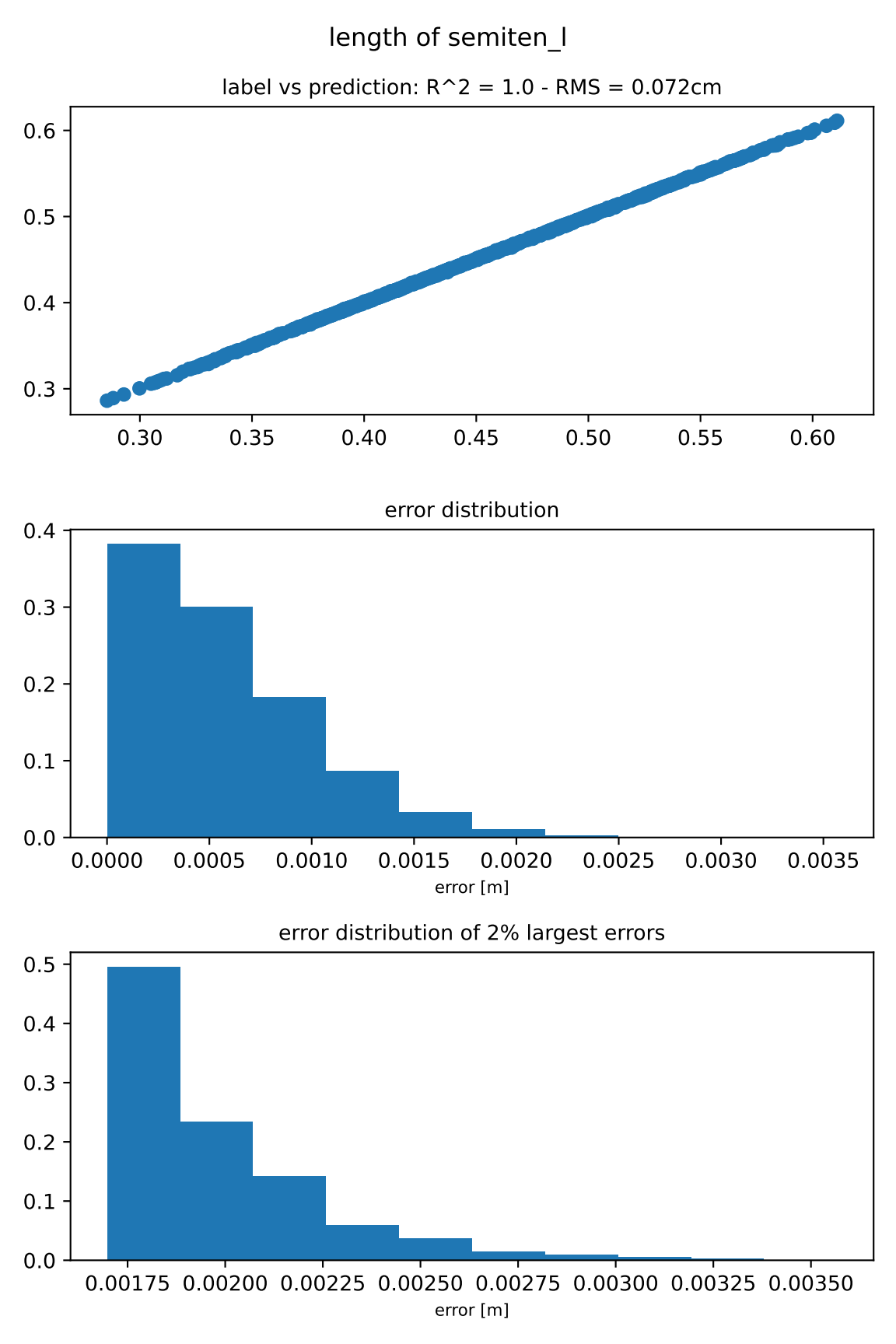

length of semimem_l
label vs prediction: R^2 = 1.0 - RMS = 0.078cm
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.25
0.30
0.35
0.40
0.45
0.50
0.55
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
0.00325
0.00350
0.00375
error [m]

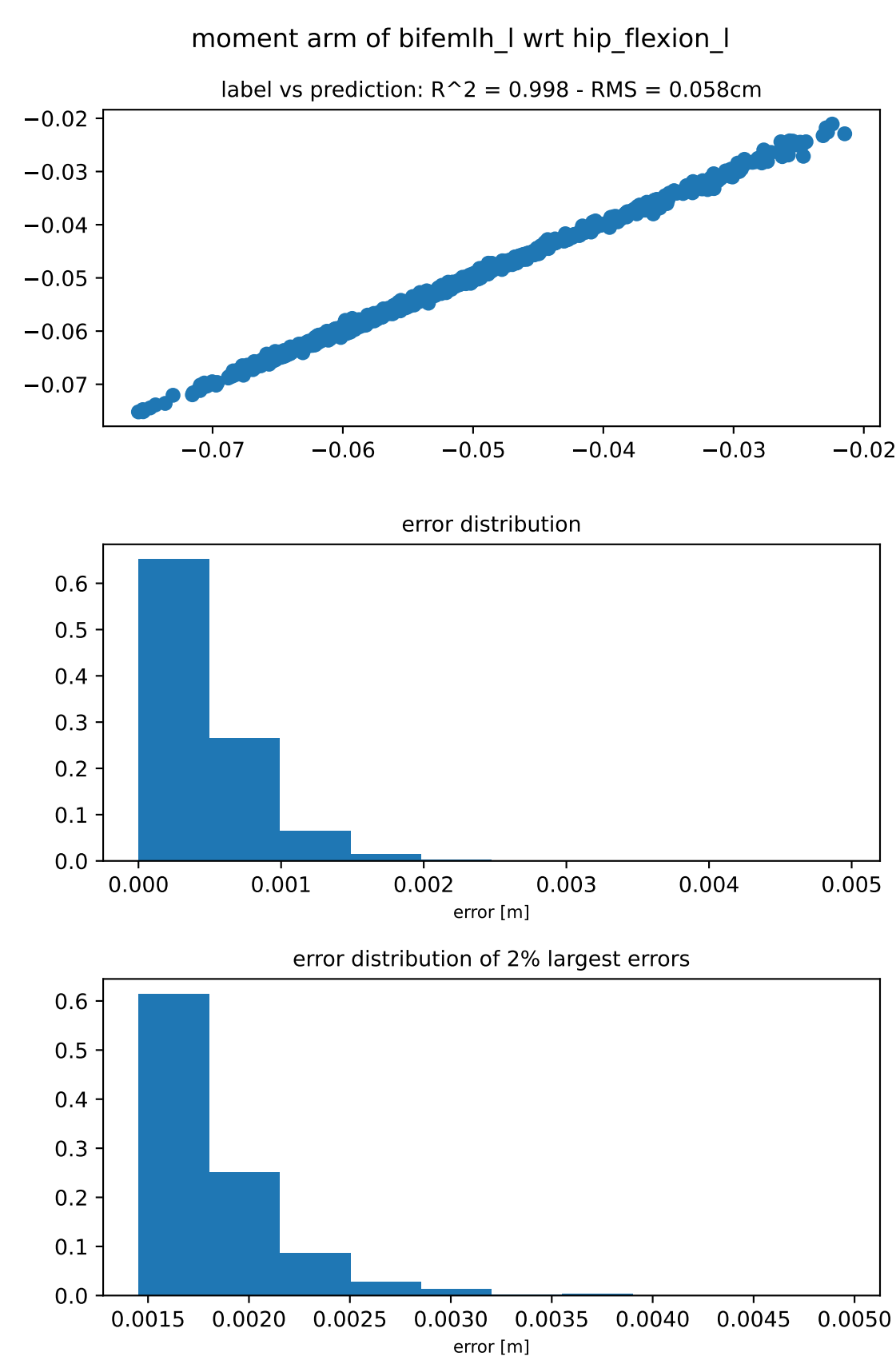

moment arm of semiten_l wrt hip_flexion_l
label vs prediction: R^2 = 0.998 - RMS = 0.063cm
−0.02
−0.04
−0.06
−0.08
−0.08
−0.07
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
error [m]

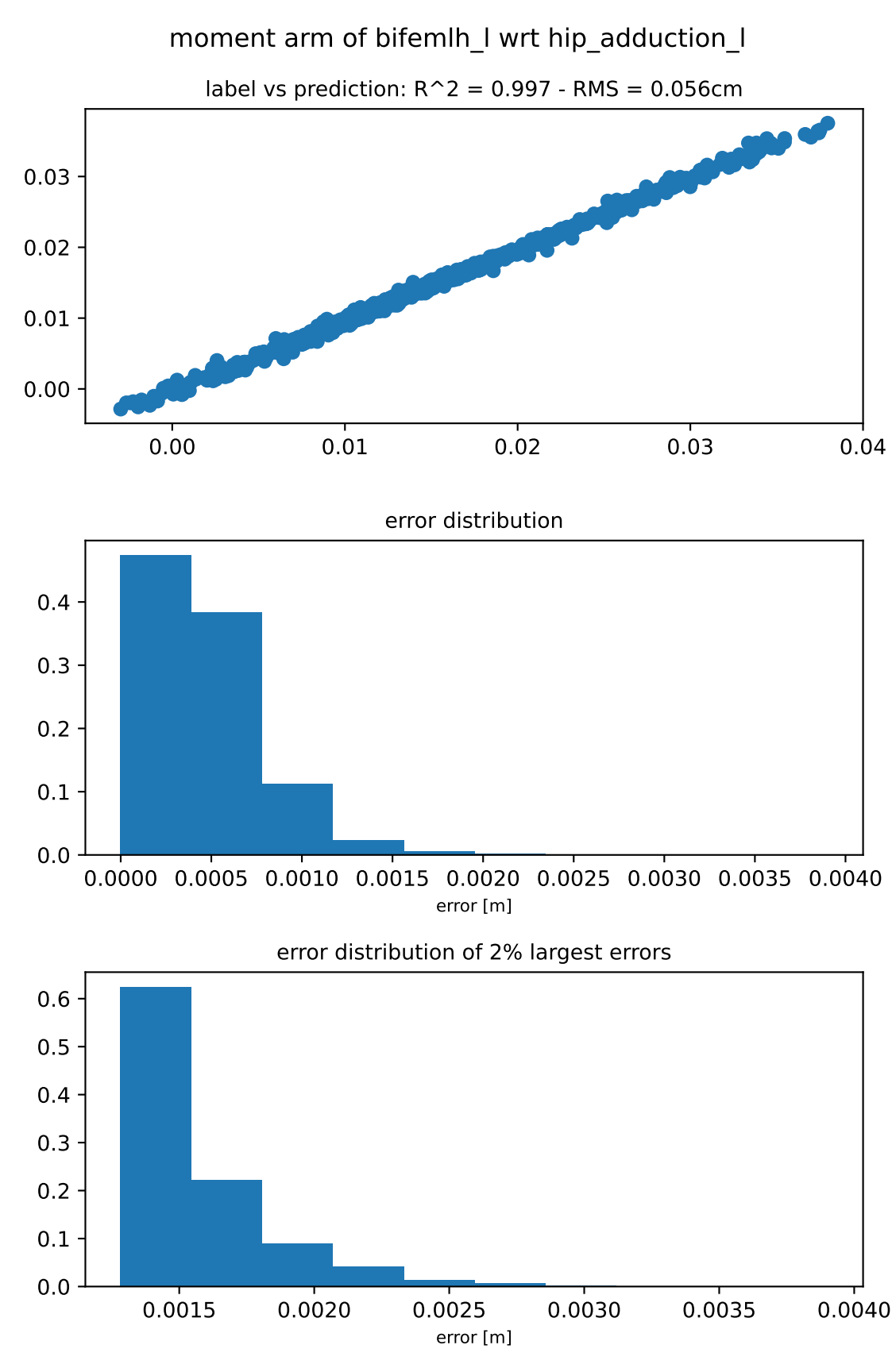

moment arm of semiten_l wrt hip_adduction_l
label vs prediction: R^2 = 0.997 - RMS = 0.06cm
0.04
0.03
0.02
0.01
0.00
0.00
0.01
0.02
0.03
0.04
0.05
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
error [m]

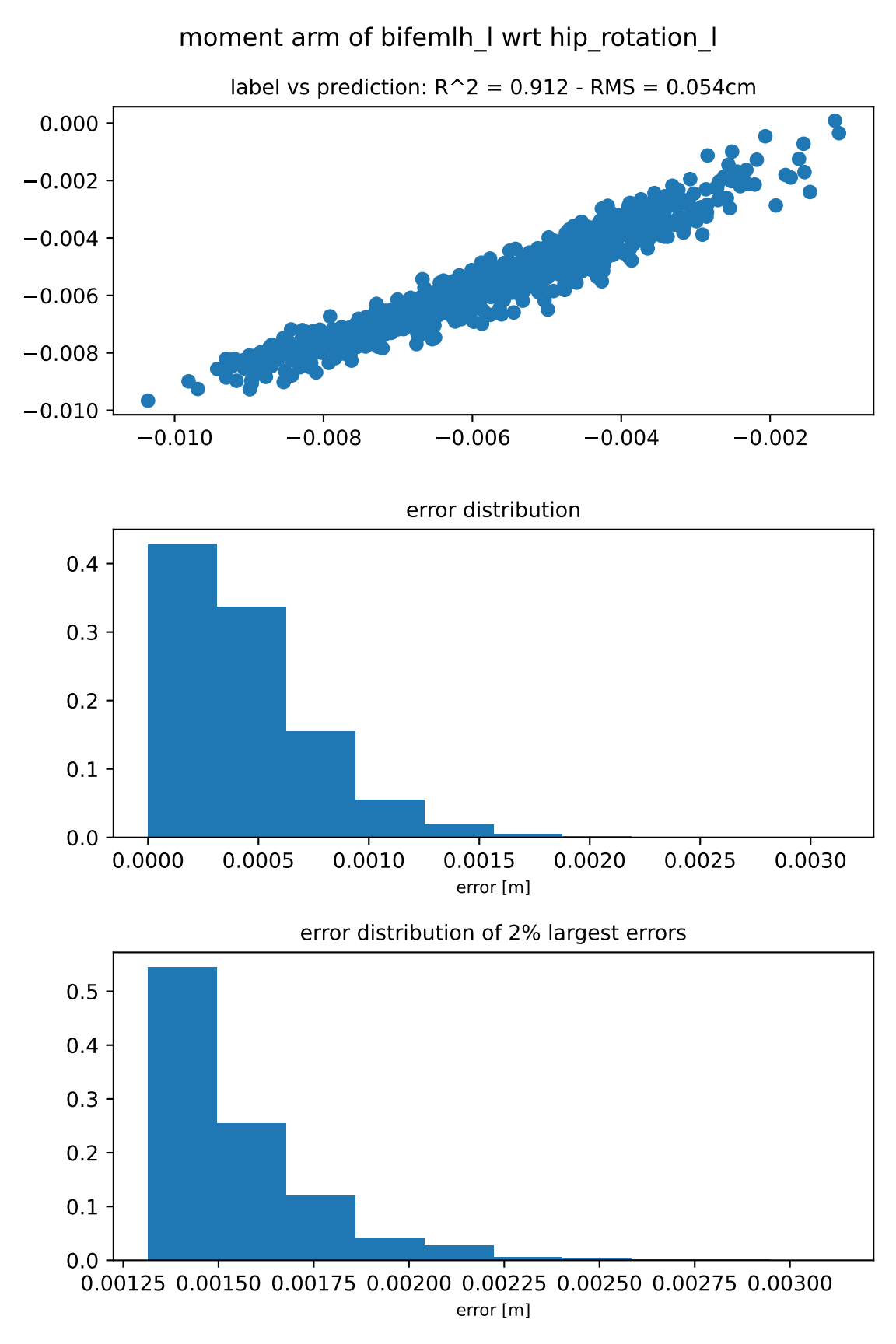

moment arm of semiten_l wrt hip_rotation_l
label vs prediction: R^2 = 0.956 - RMS = 0.062cm
0.0050
0.0025
0.0000
−0.0025
−0.0050
−0.0075
−0.008
−0.006
−0.004
−0.002
0.000
0.002
0.004
0.006
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]

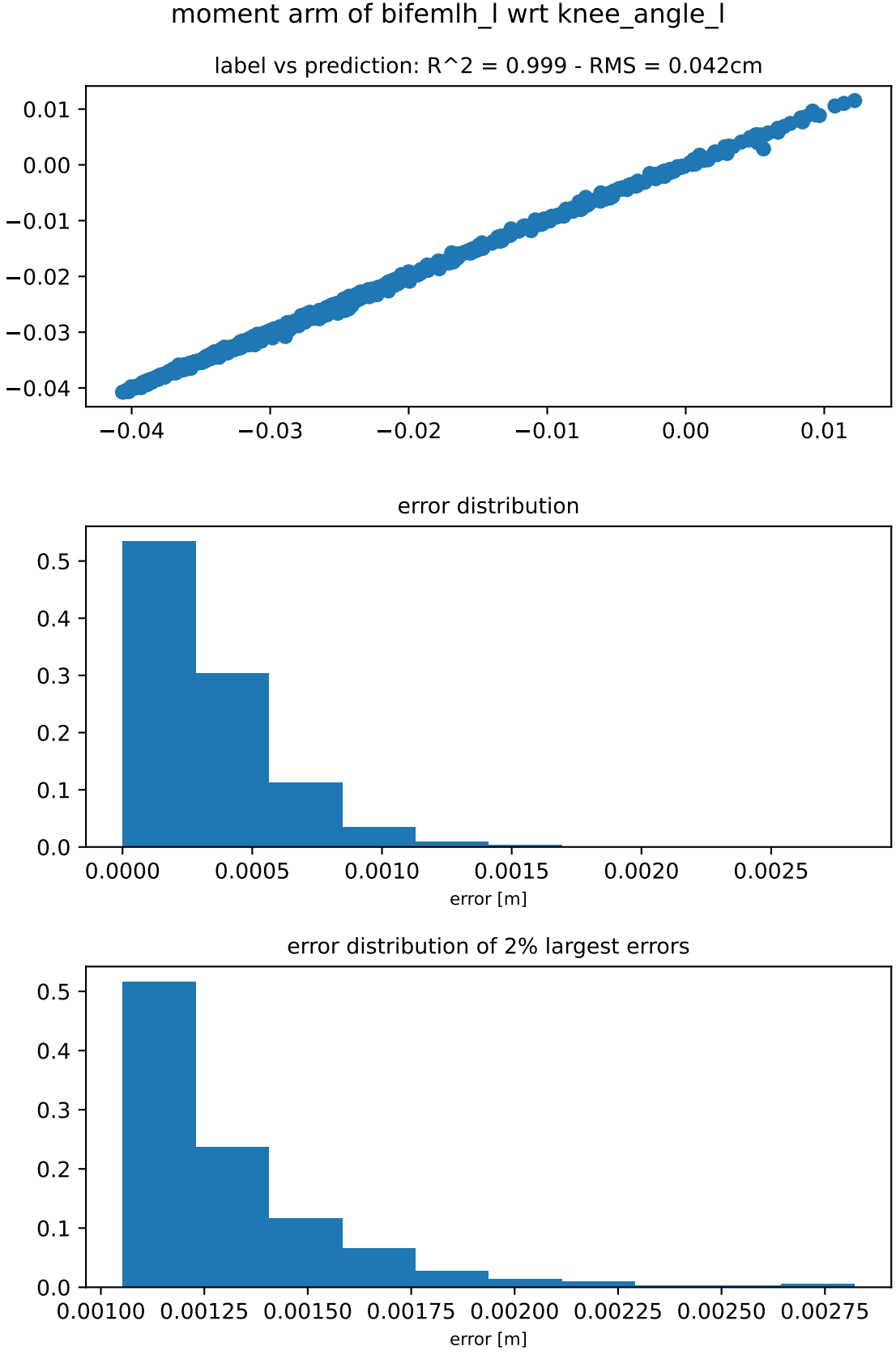

moment arm of semiten_l wrt knee_angle_l
label vs prediction: R^2 = 0.997 - RMS = 0.064cm
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
0.00
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
error [m]

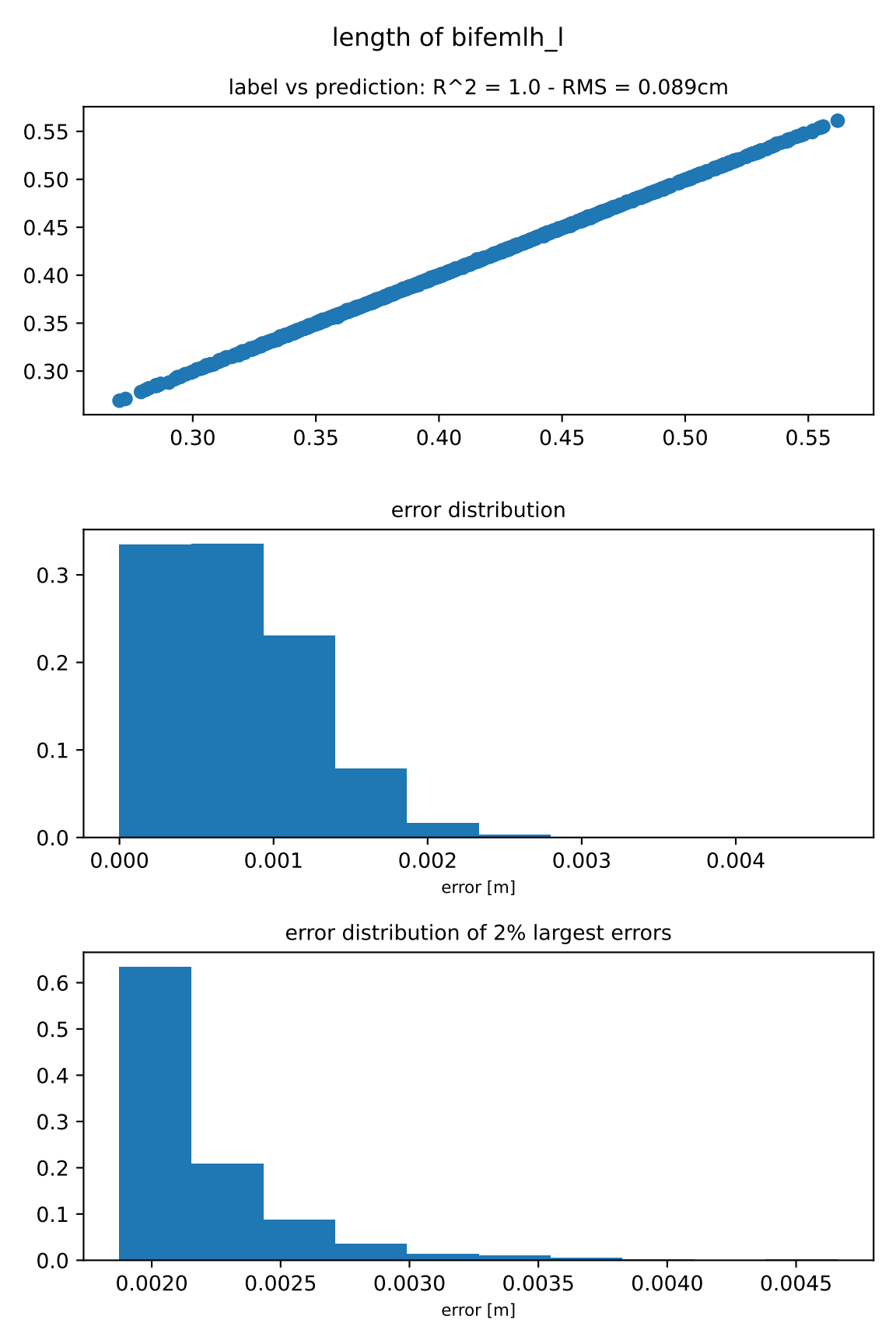

length of semiten_l
label vs prediction: R^2 = 1.0 - RMS = 0.072cm
0.6
0.5
0.4
0.3
0.30
0.35
0.40
0.45
0.50
0.55
0.60
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
0.00325
0.00350
error [m]

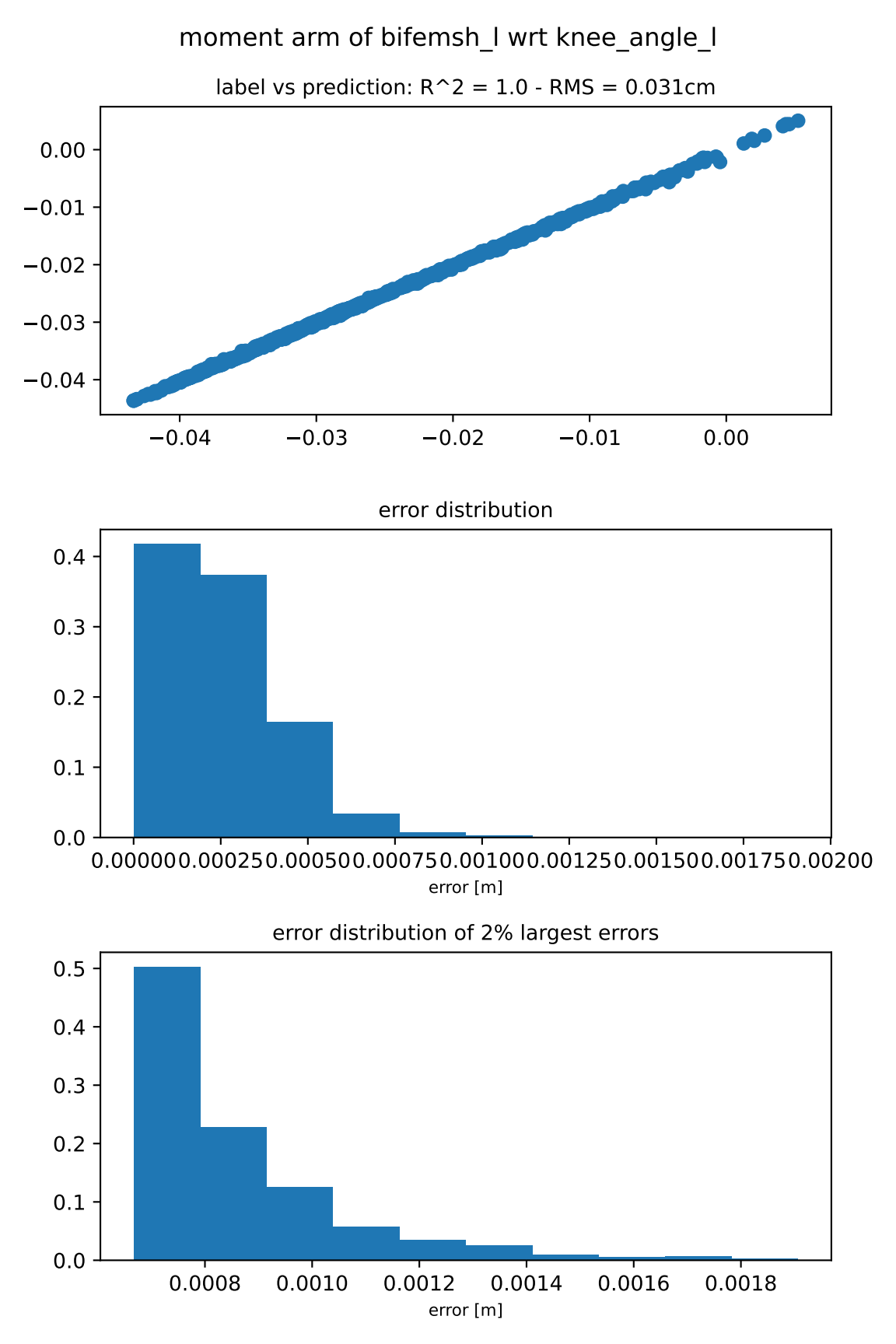

moment arm of bifemlh_l wrt hip_flexion_l
label vs prediction: R^2 = 0.998 - RMS = 0.058cm
−0.02
−0.03
−0.04
−0.05
−0.06
−0.07
−0.07
−0.06
−0.05
−0.04
−0.03
−0.02
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

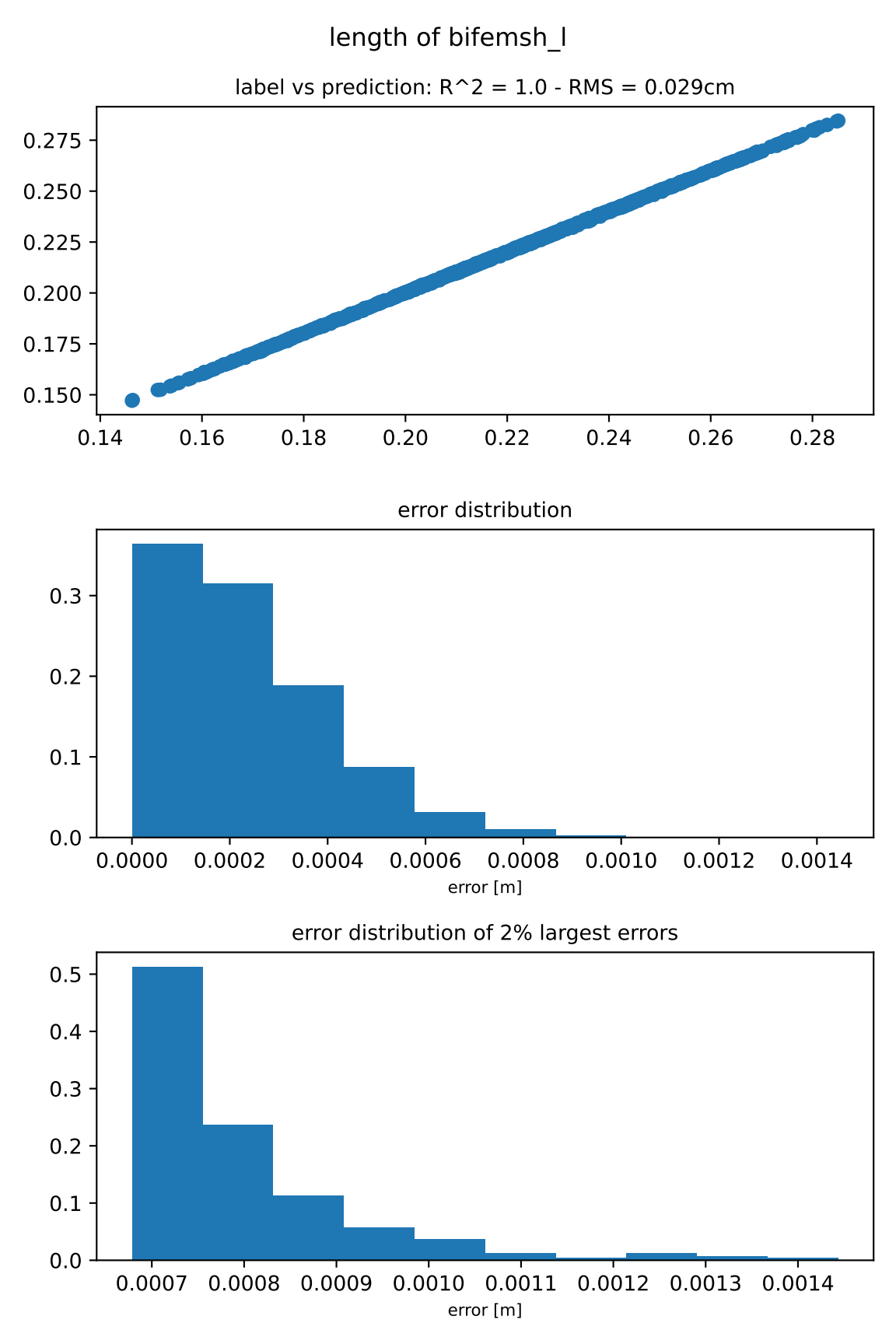

moment arm of bifemlh_l wrt hip_adduction_l
label vs prediction: R^2 = 0.997 - RMS = 0.056cm
0.03
0.02
0.01
0.00
0.00
0.01
0.02
0.03
0.04
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]

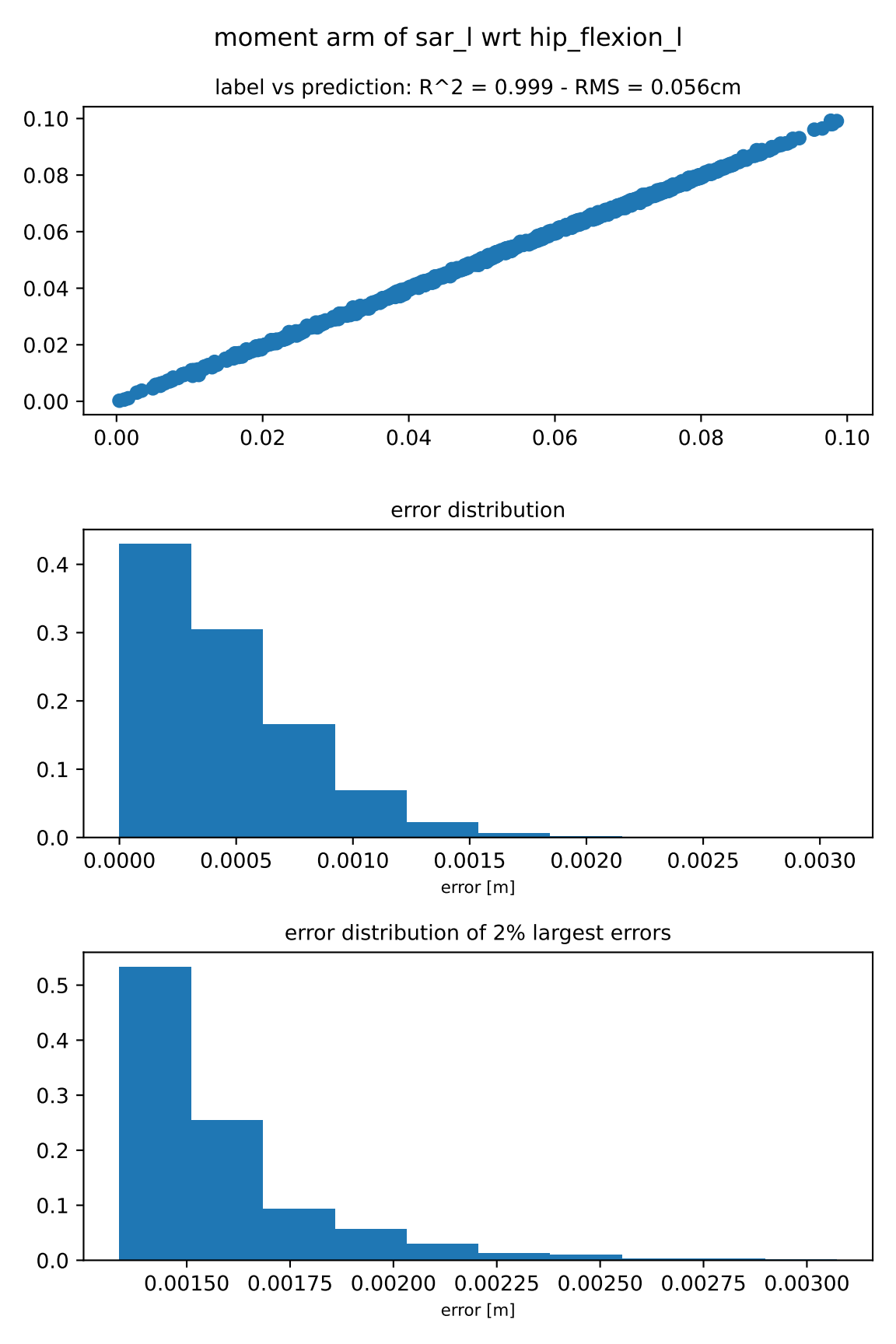

moment arm of bifemlh_l wrt hip_rotation_l
label vs prediction: R^2 = 0.912 - RMS = 0.054cm
0.000
−0.002
−0.004
−0.006
−0.008
−0.010
−0.010
−0.008
−0.006
−0.004
−0.002
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00125
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
error [m]

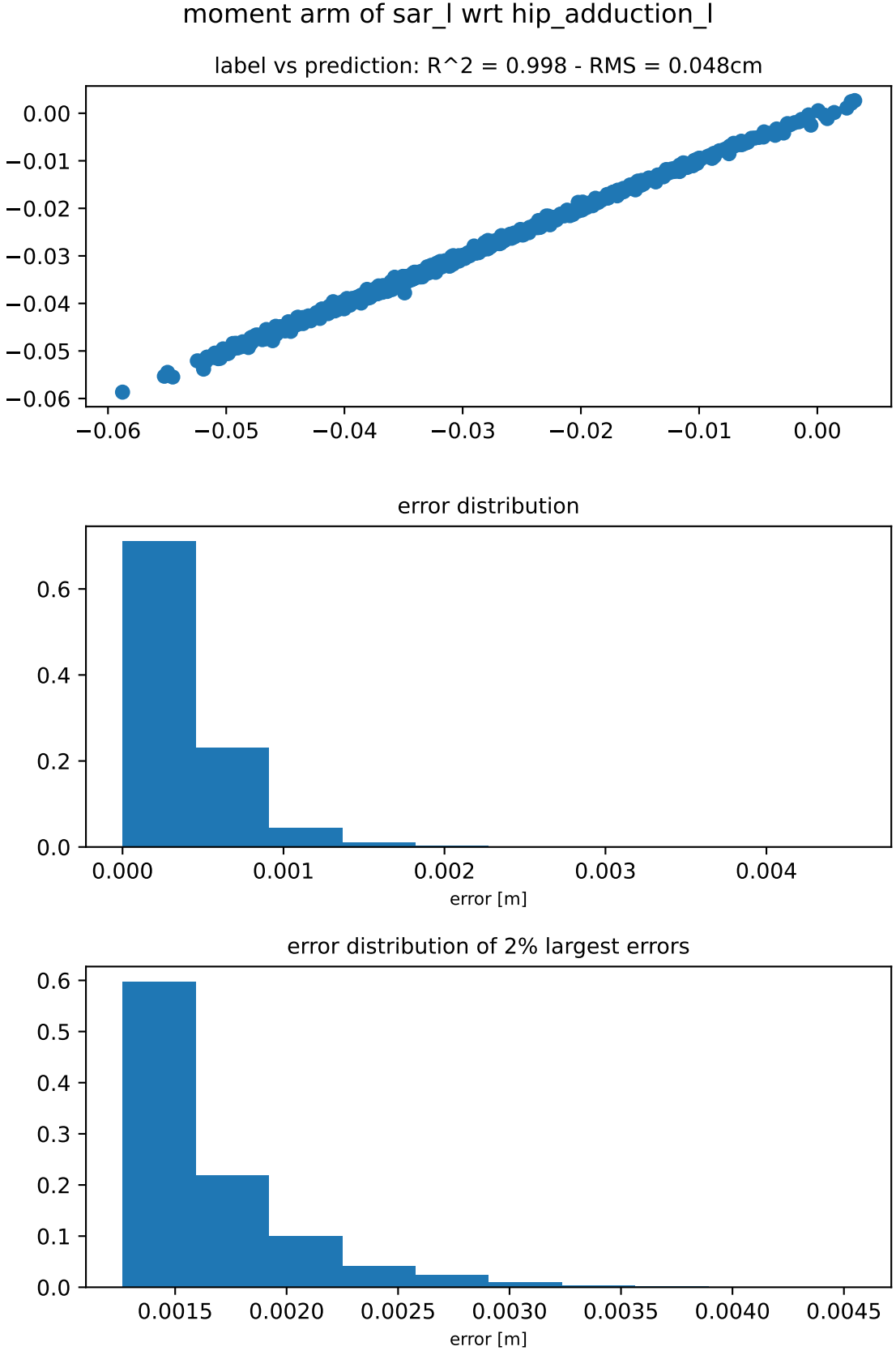

moment arm of bifemlh_l wrt knee_angle_l
label vs prediction: R^2 = 0.999 - RMS = 0.042cm
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.04
−0.03
−0.02
−0.01
0.00
0.01
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00100
0.00125
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
error [m]

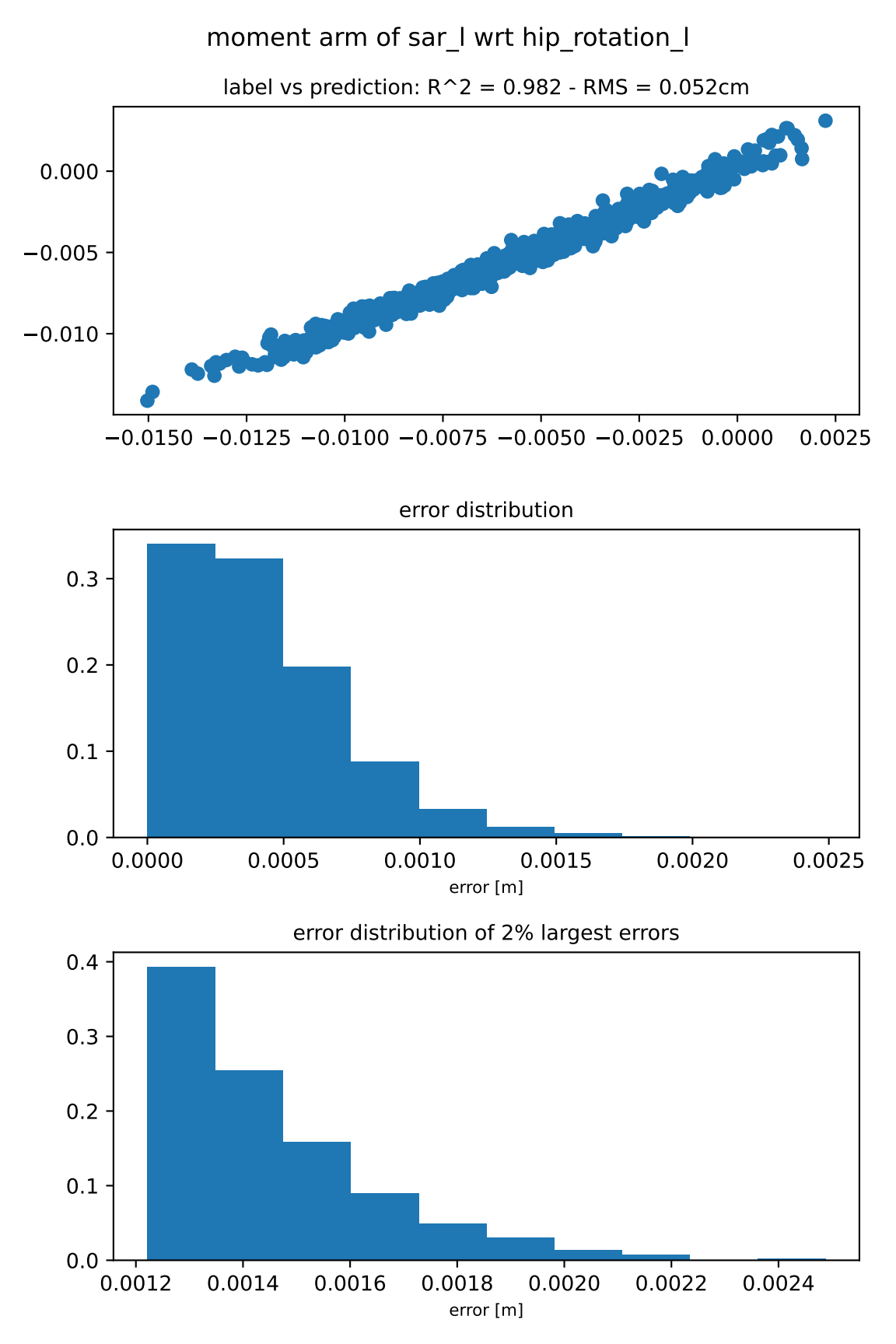

length of bifemlh_l
label vs prediction: R^2 = 1.0 - RMS = 0.089cm
0.55
0.50
0.45
0.40
0.35
0.30
0.30
0.35
0.40
0.45
0.50
0.55
error distribution
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
error [m]

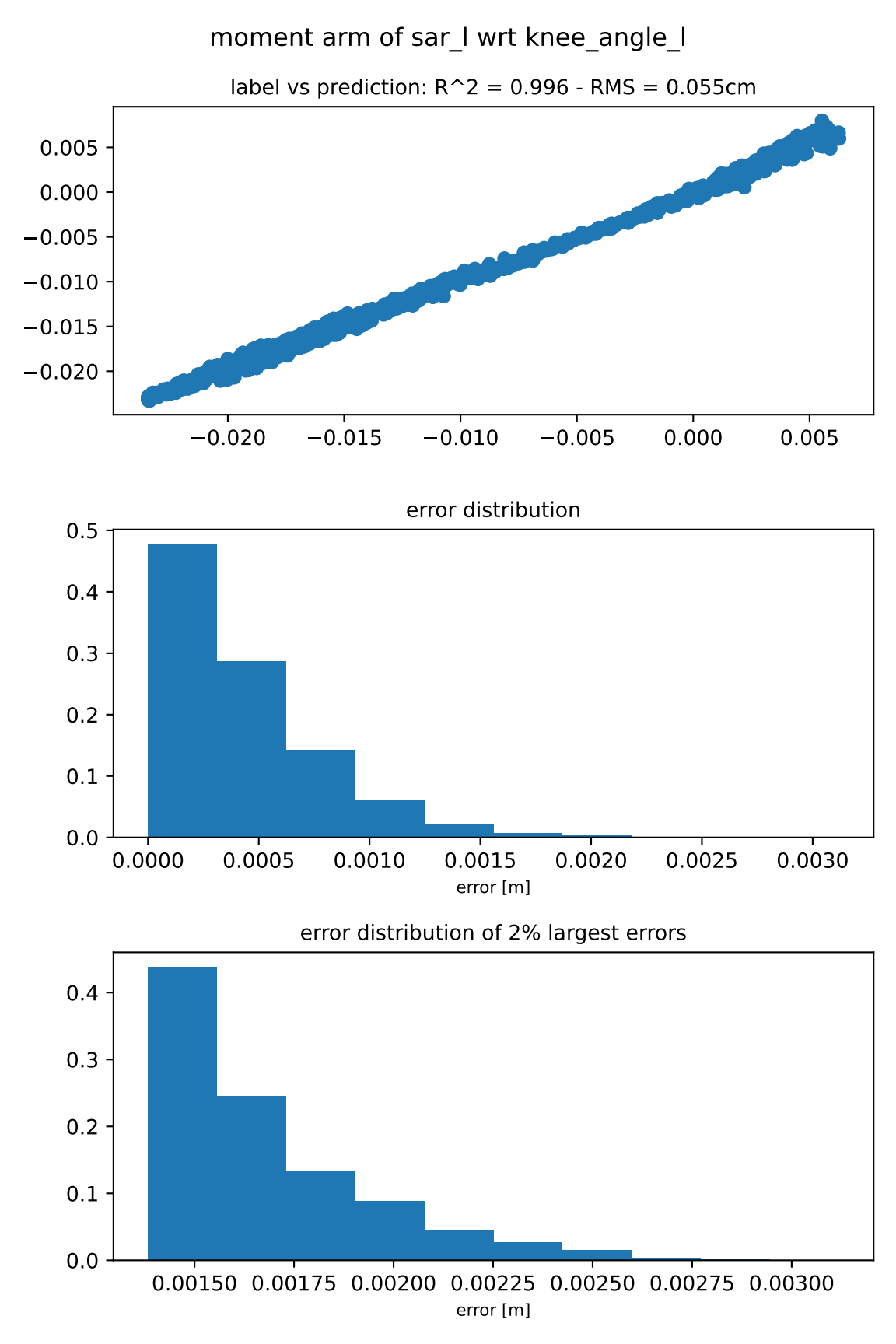

moment arm of bifemsh_l wrt knee_angle_l
label vs prediction: R^2 = 1.0 - RMS = 0.031cm
0.00
−0.01
−0.02
−0.03
−0.04
−0.04
−0.03
−0.02
−0.01
0.00
error distribution
0.4
0.3
0.2
0.1
0.0
0.00000
0.00025
0.00050
0.00075
0.00100
0.00125
0.00150
0.00175
0.00200
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0008
0.0010
0.0012
0.0014
0.0016
0.0018
error [m]

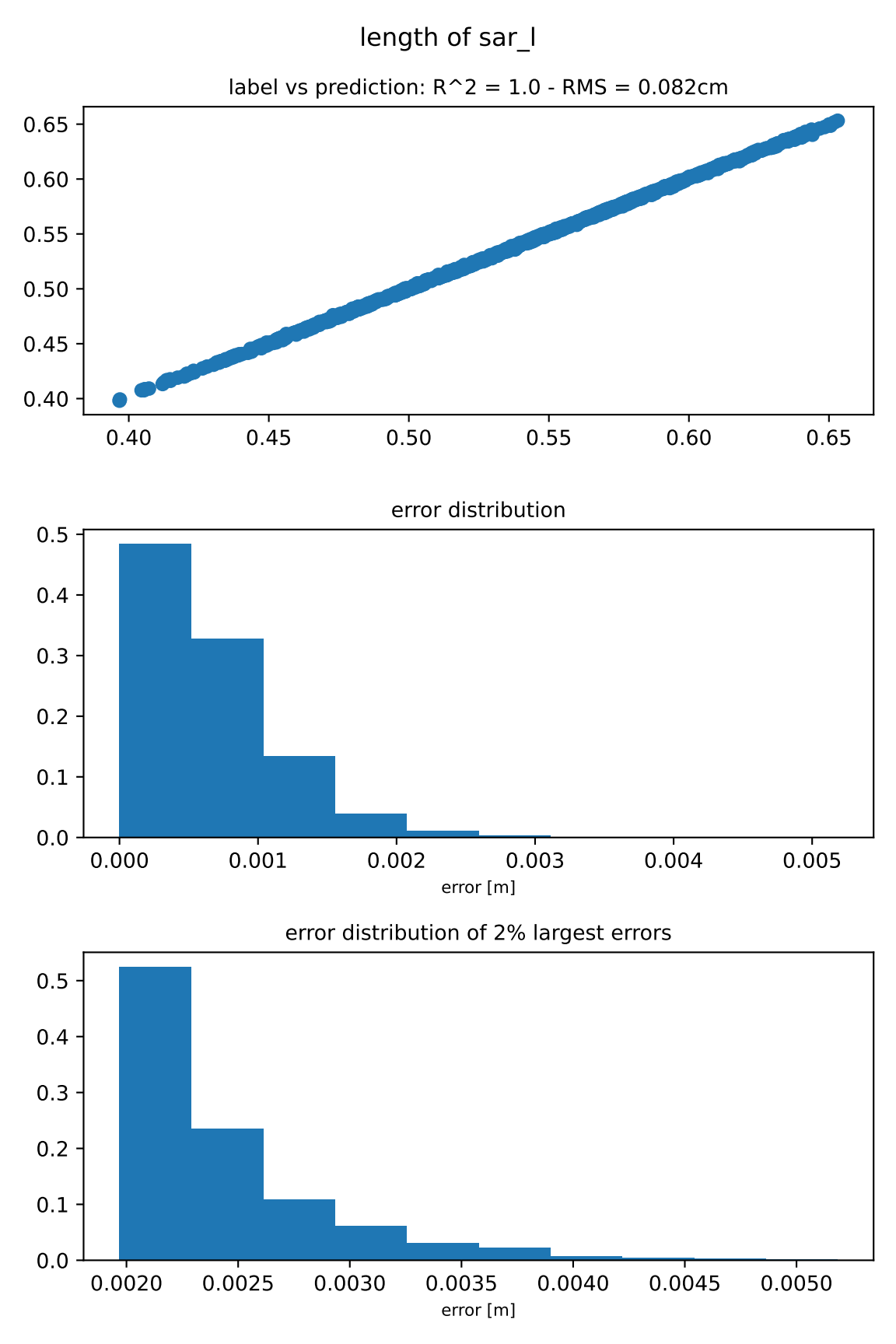

length of bifemsh_l
label vs prediction: R^2 = 1.0 - RMS = 0.029cm
0.275
0.250
0.225
0.200
0.175
0.150
0.14
0.16
0.18
0.20
0.22
0.24
0.26
0.28
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
0.0014
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0007
0.0008
0.0009
0.0010
0.0011
0.0012
0.0013
0.0014
error [m]

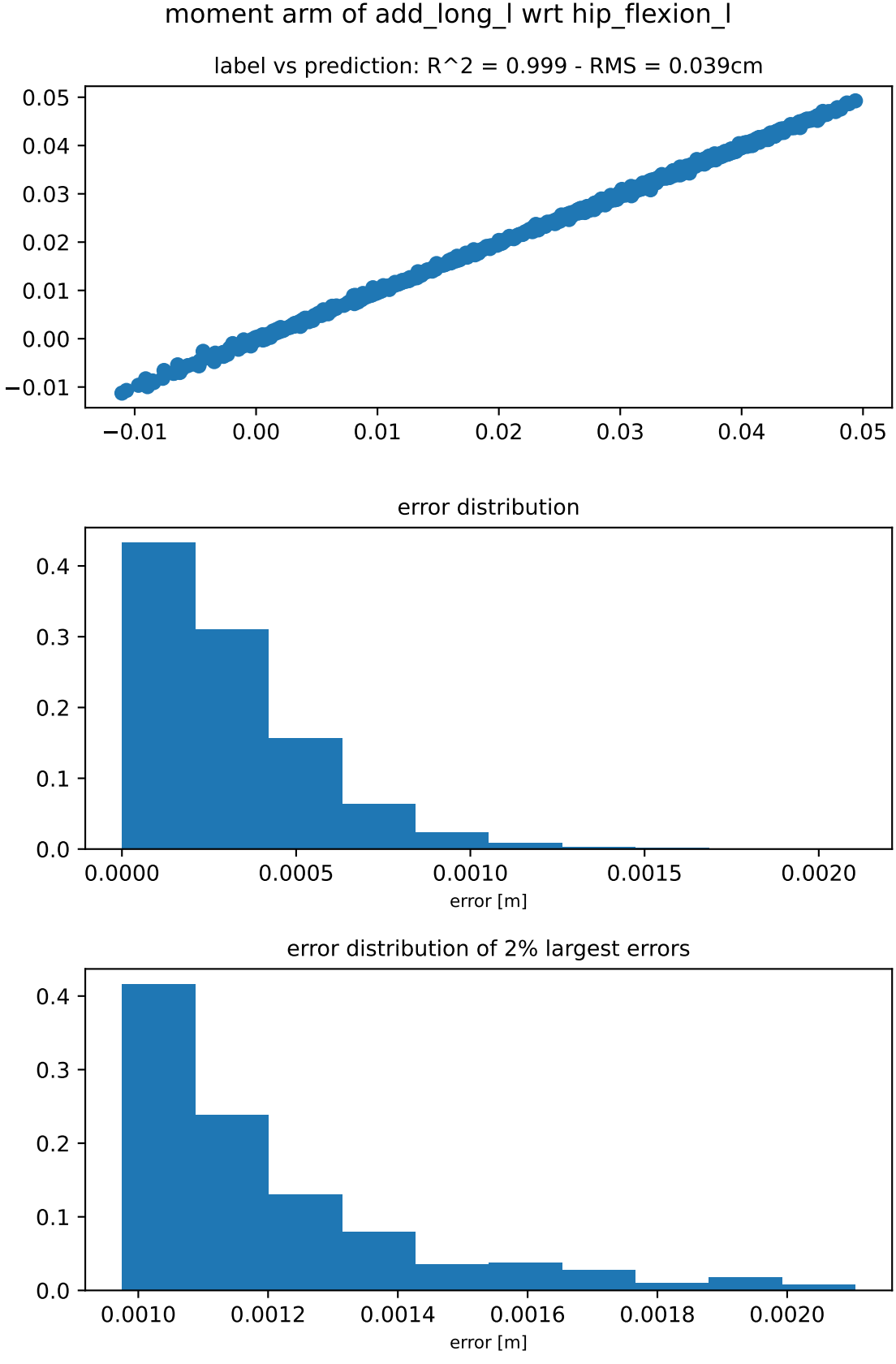

moment arm of sar_l wrt hip_flexion_l
label vs prediction: R^2 = 0.999 - RMS = 0.056cm
0.10
0.08
0.06
0.04
0.02
0.00
0.00
0.02
0.04
0.06
0.08
0.10
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
error [m]

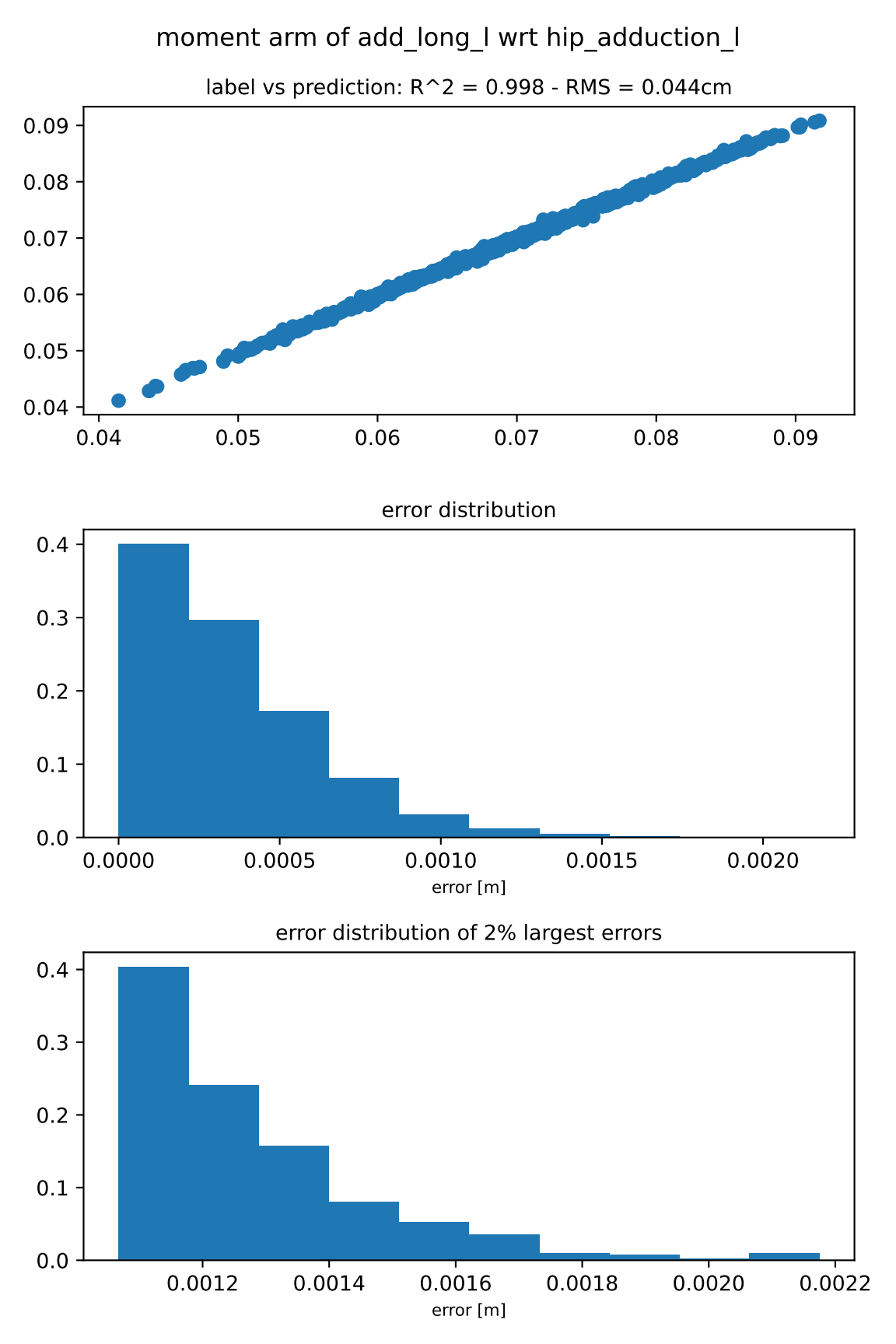

moment arm of sar_l wrt hip_adduction_l
label vs prediction: R^2 = 0.998 - RMS = 0.048cm
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
0.00
error distribution
0.6
0.4
0.2
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
error [m]

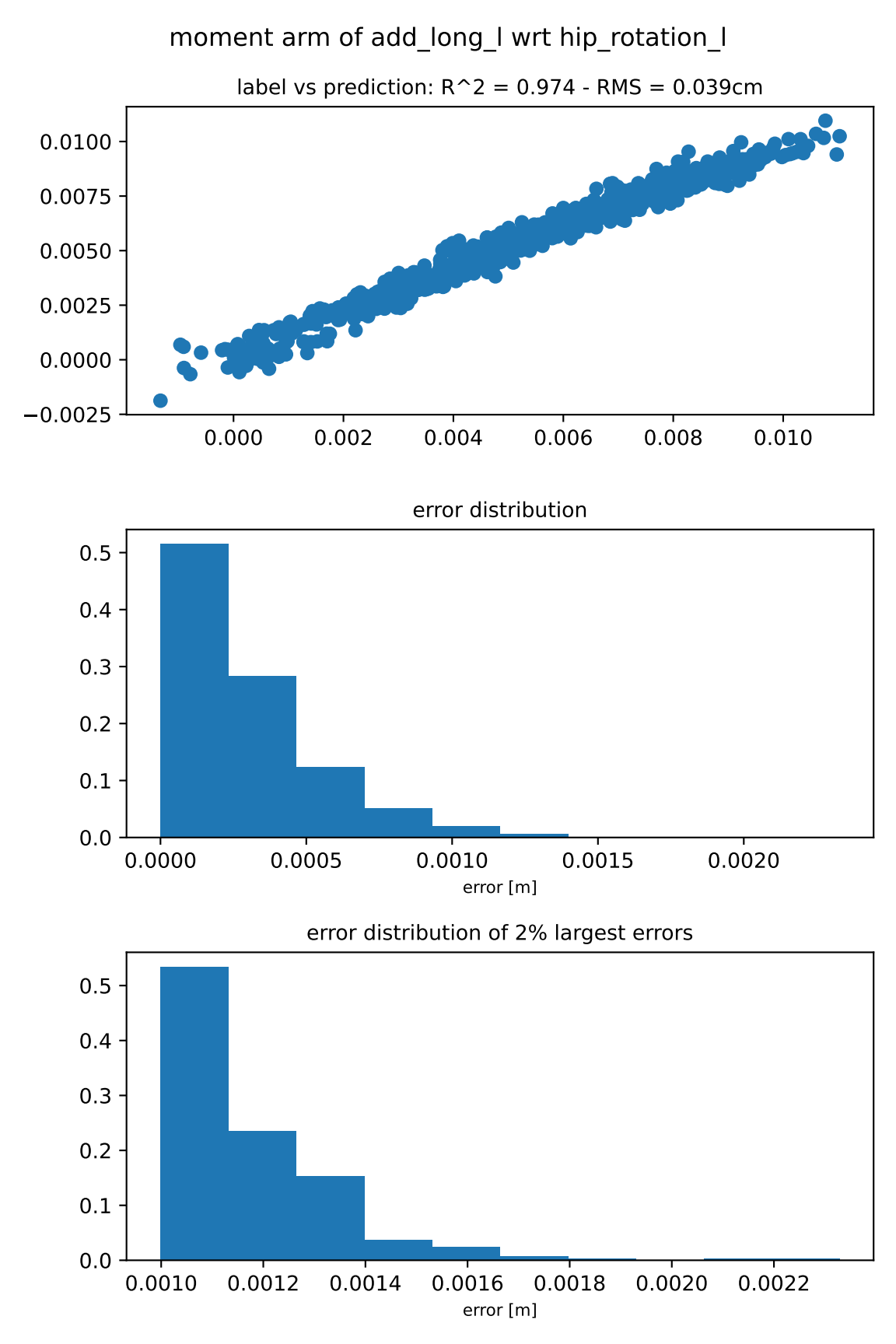

moment arm of sar_l wrt hip_rotation_l
label vs prediction: R^2 = 0.982 - RMS = 0.052cm
0.000
−0.005
−0.010
−0.0150
−0.0125
−0.0100
−0.0075
−0.0050
−0.0025
0.0000
0.0025
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
0.0024
error [m]

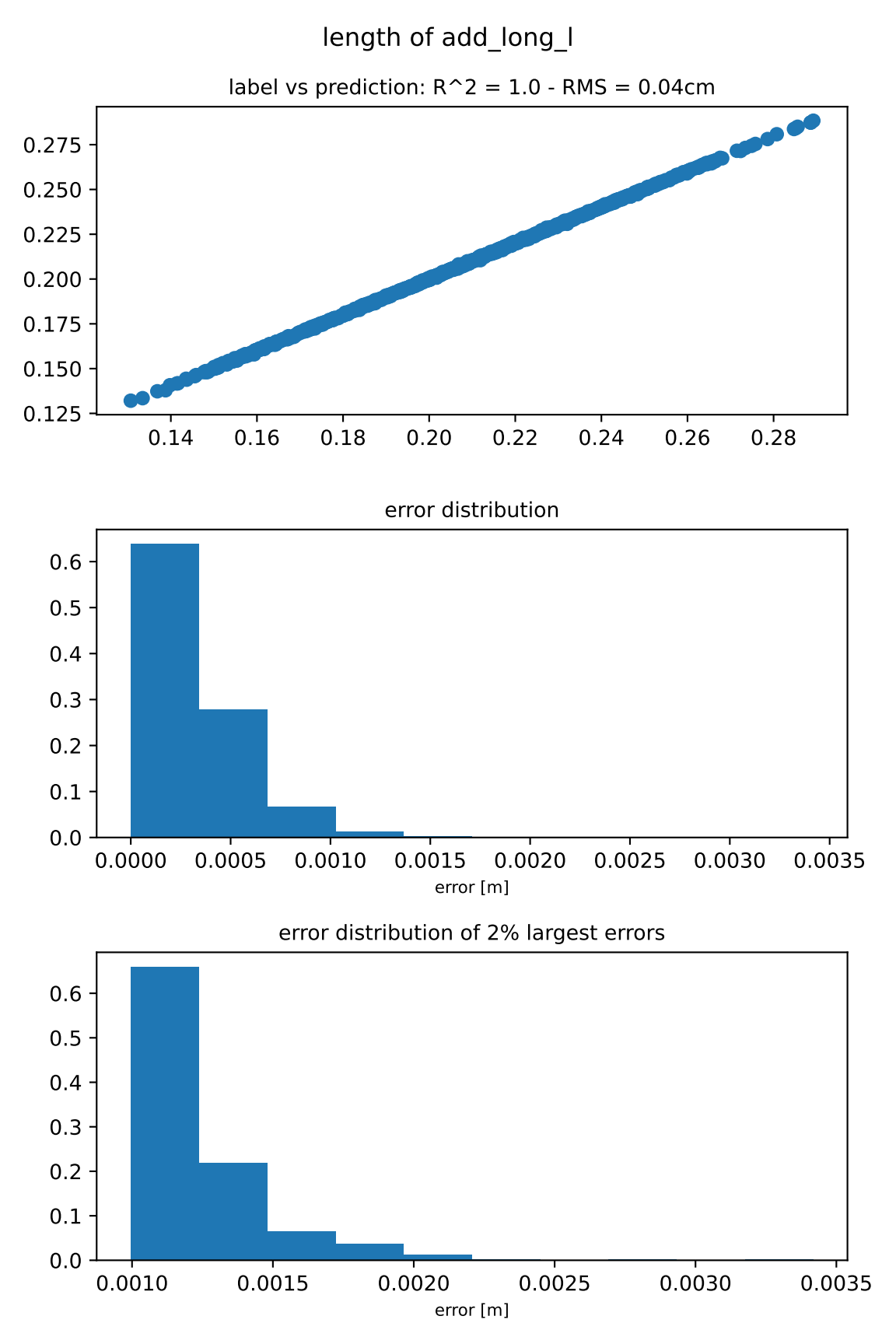

moment arm of sar_l wrt knee_angle_l
label vs prediction: R^2 = 0.996 - RMS = 0.055cm
0.005
0.000
−0.005
−0.010
−0.015
−0.020
−0.020
−0.015
−0.010
−0.005
0.000
0.005
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
error [m]

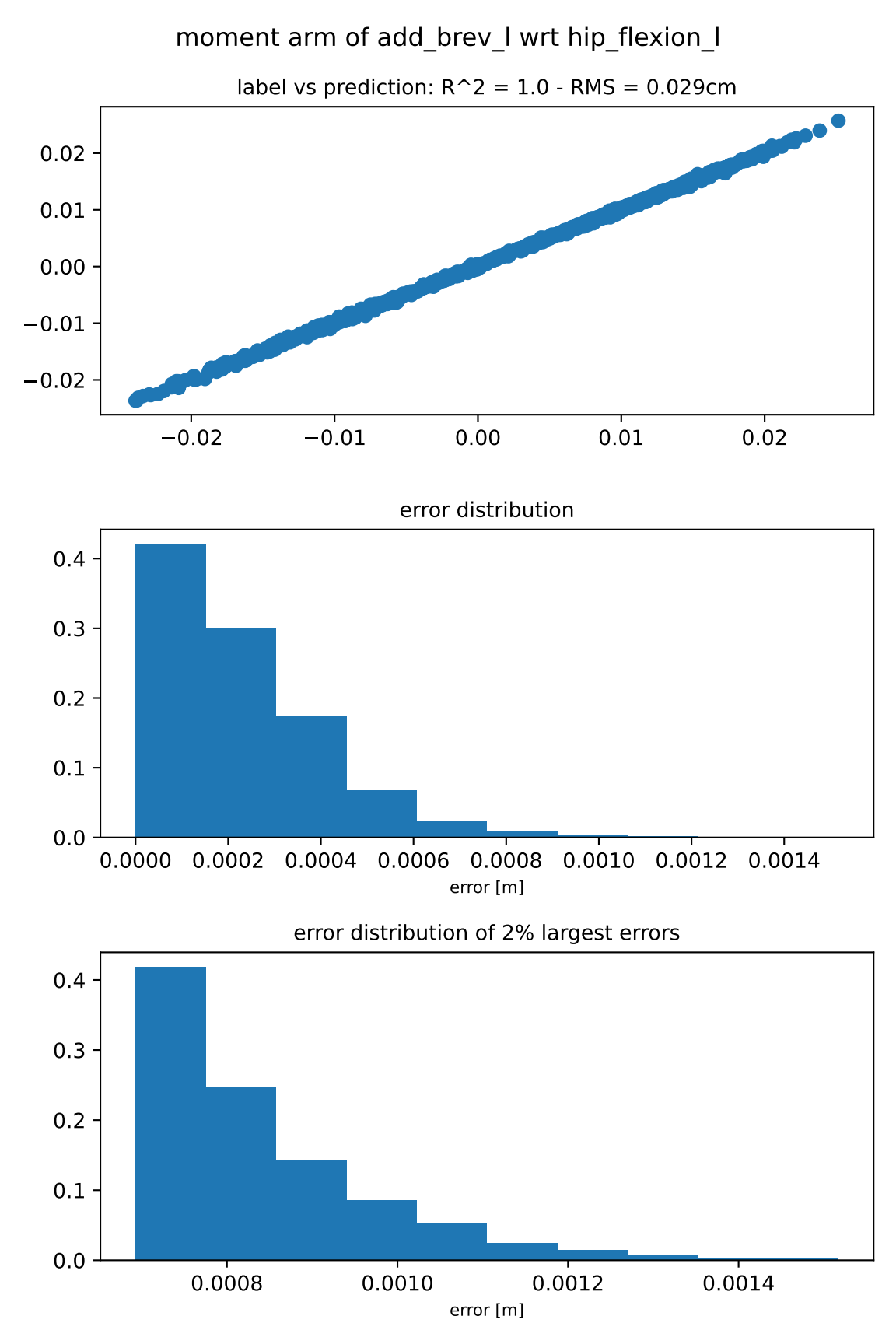

length of sar_l
label vs prediction: R^2 = 1.0 - RMS = 0.082cm
0.65
0.60
0.55
0.50
0.45
0.40
0.40
0.45
0.50
0.55
0.60
0.65
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

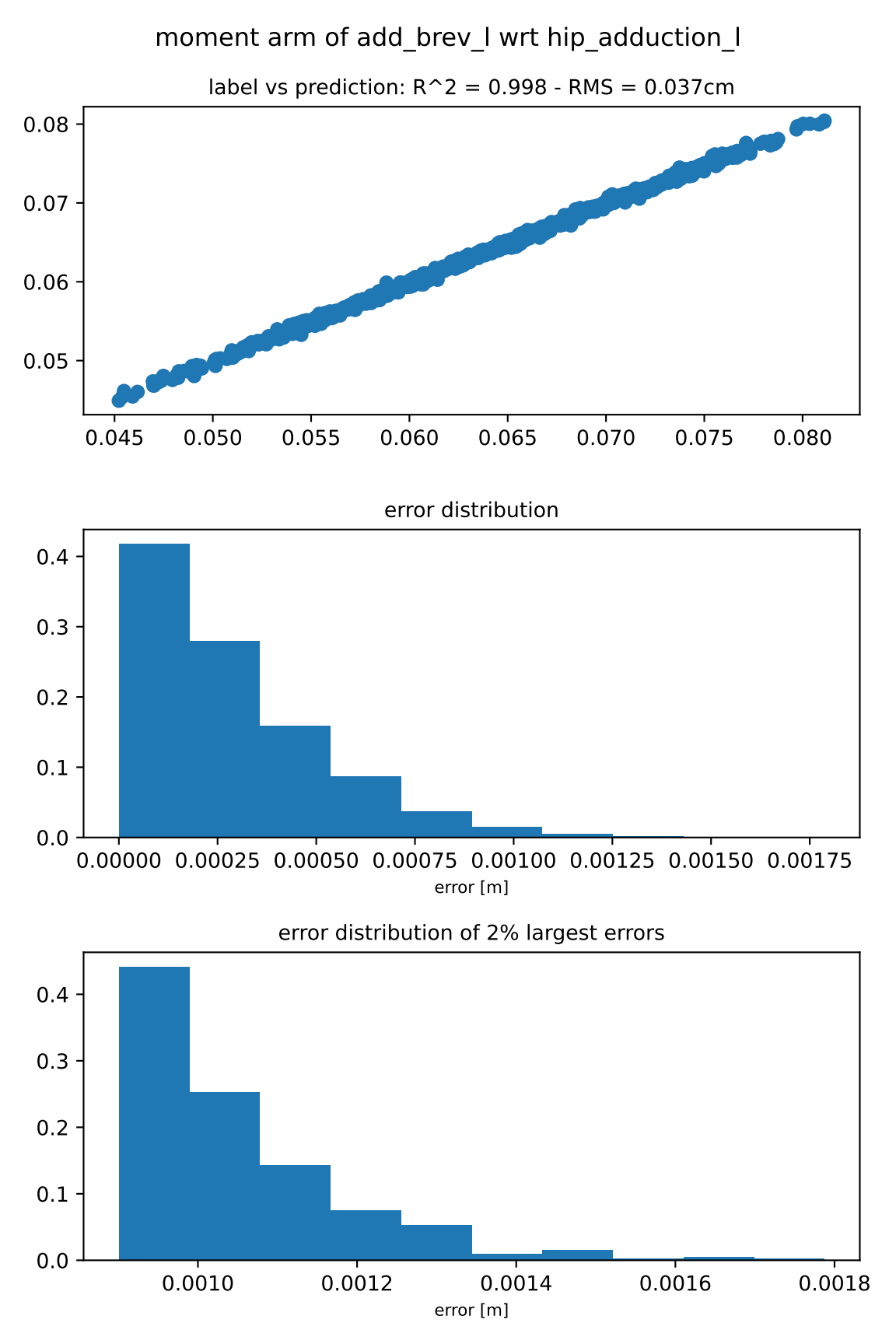

moment arm of add_long_l wrt hip_flexion_l
label vs prediction: R^2 = 0.999 - RMS = 0.039cm
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
−0.01
0.00
0.01
0.02
0.03
0.04
0.05
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
error [m]

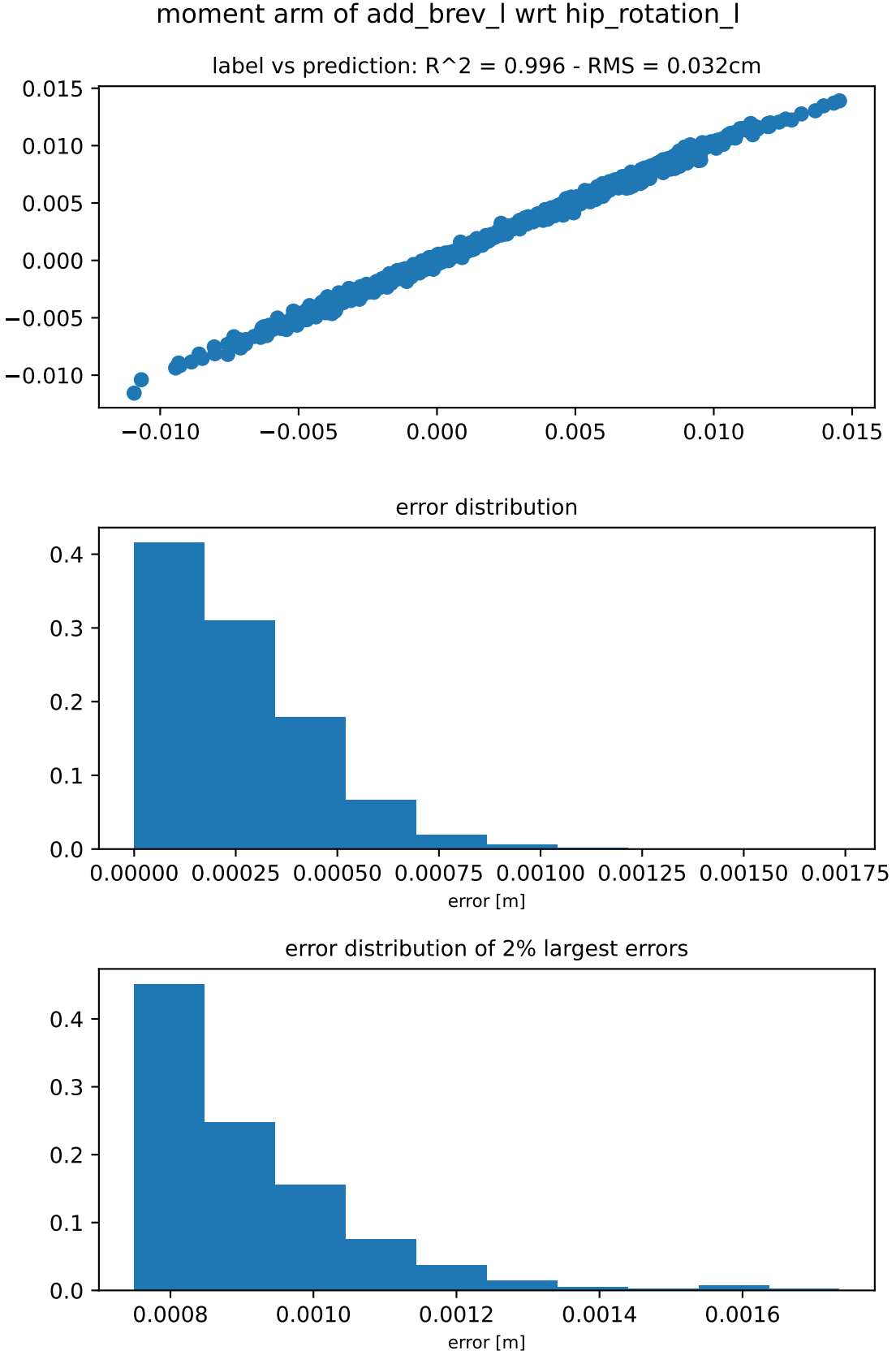

moment arm of add_long_l wrt hip_adduction_l
label vs prediction: R^2 = 0.998 - RMS = 0.044cm
0.09
0.08
0.07
0.06
0.05
0.04
0.04
0.05
0.06
0.07
0.08
0.09
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
error [m]

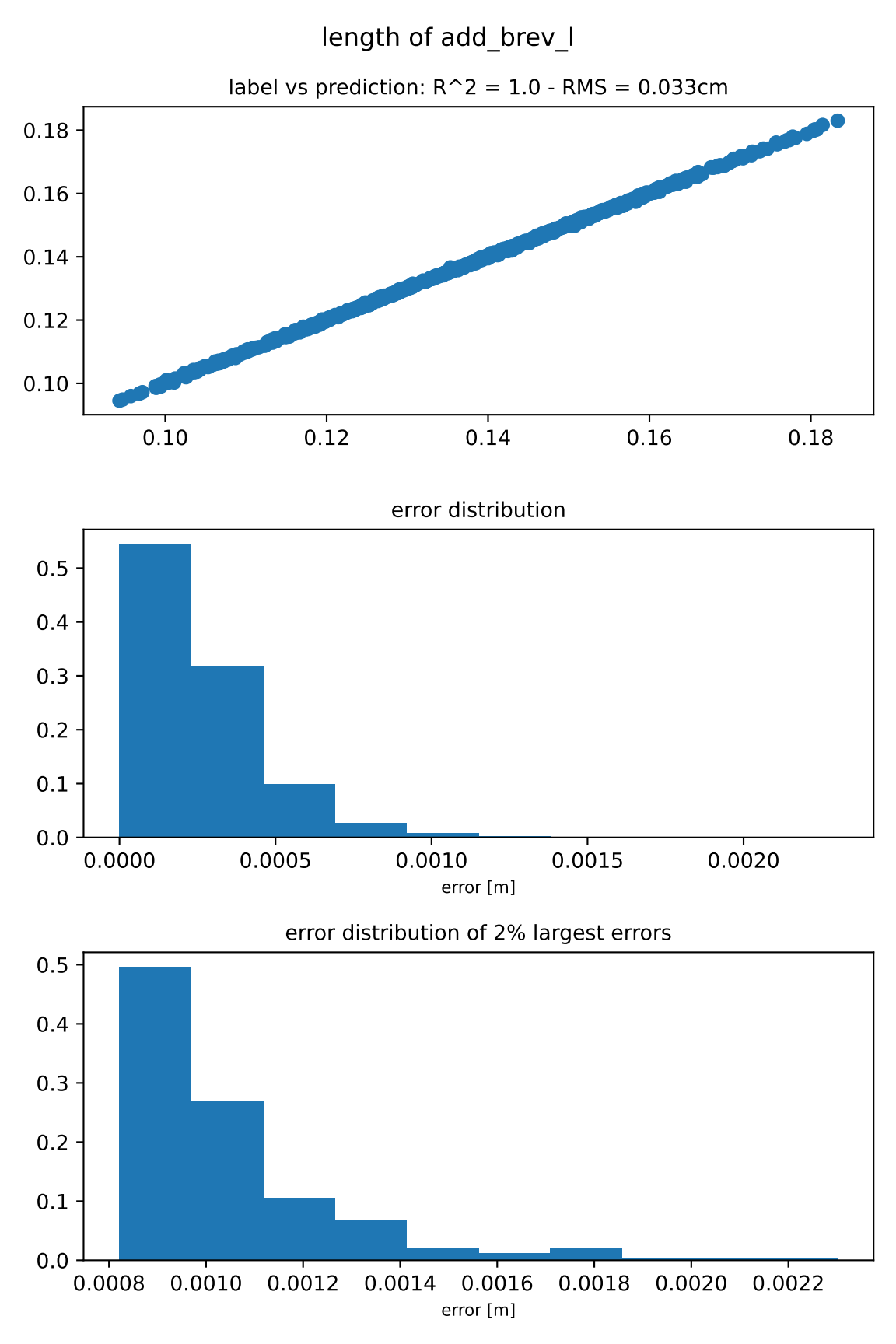

moment arm of add_long_l wrt hip_rotation_l
label vs prediction: R^2 = 0.974 - RMS = 0.039cm
0.0100
0.0075
0.0050
0.0025
0.0000
−0.0025
0.000
0.002
0.004
0.006
0.008
0.010
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
error [m]

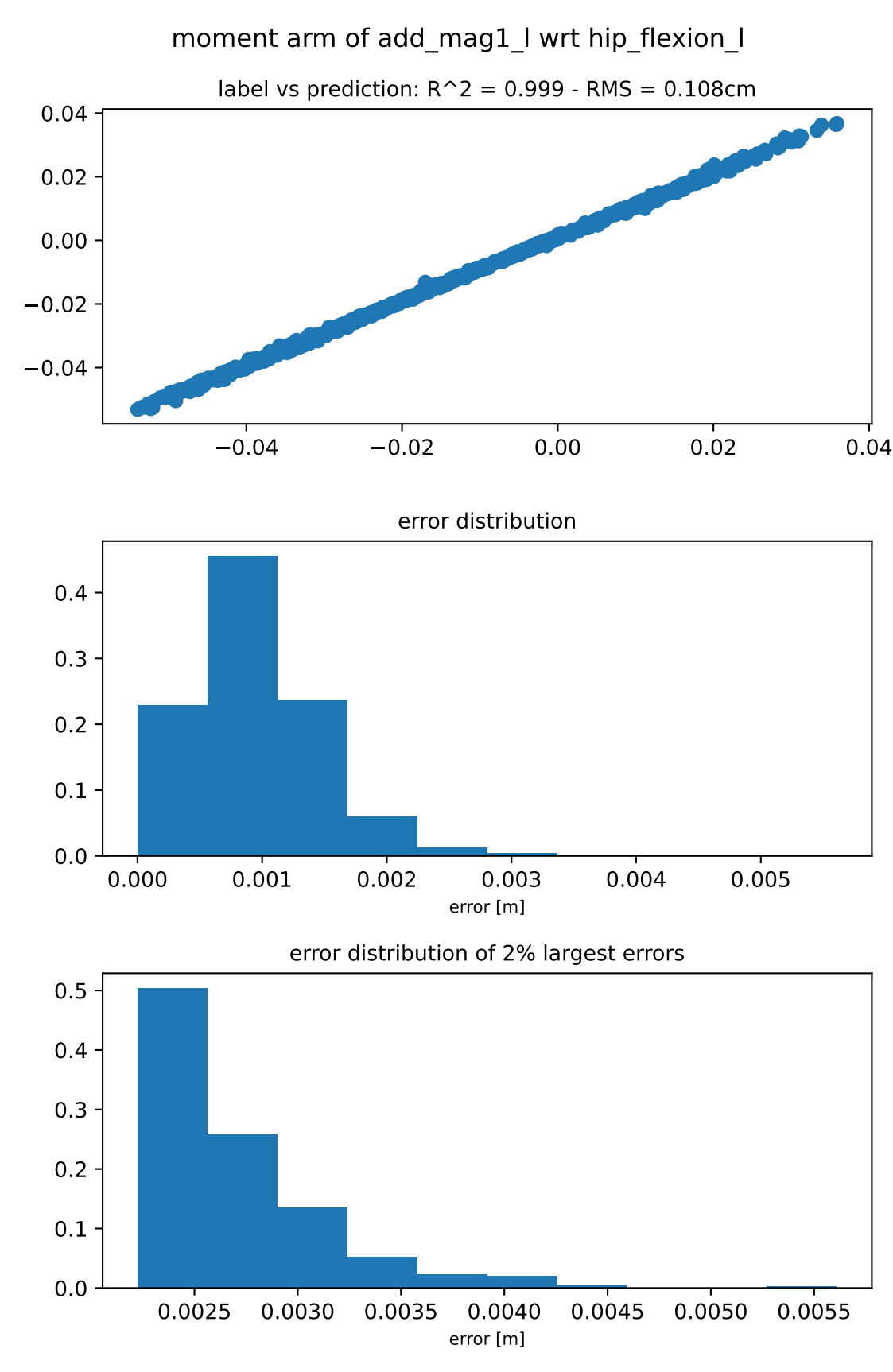

length of add_long_l
label vs prediction: R^2 = 1.0 - RMS = 0.04cm
0.275
0.250
0.225
0.200
0.175
0.150
0.125
0.14
0.16
0.18
0.20
0.22
0.24
0.26
0.28
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]

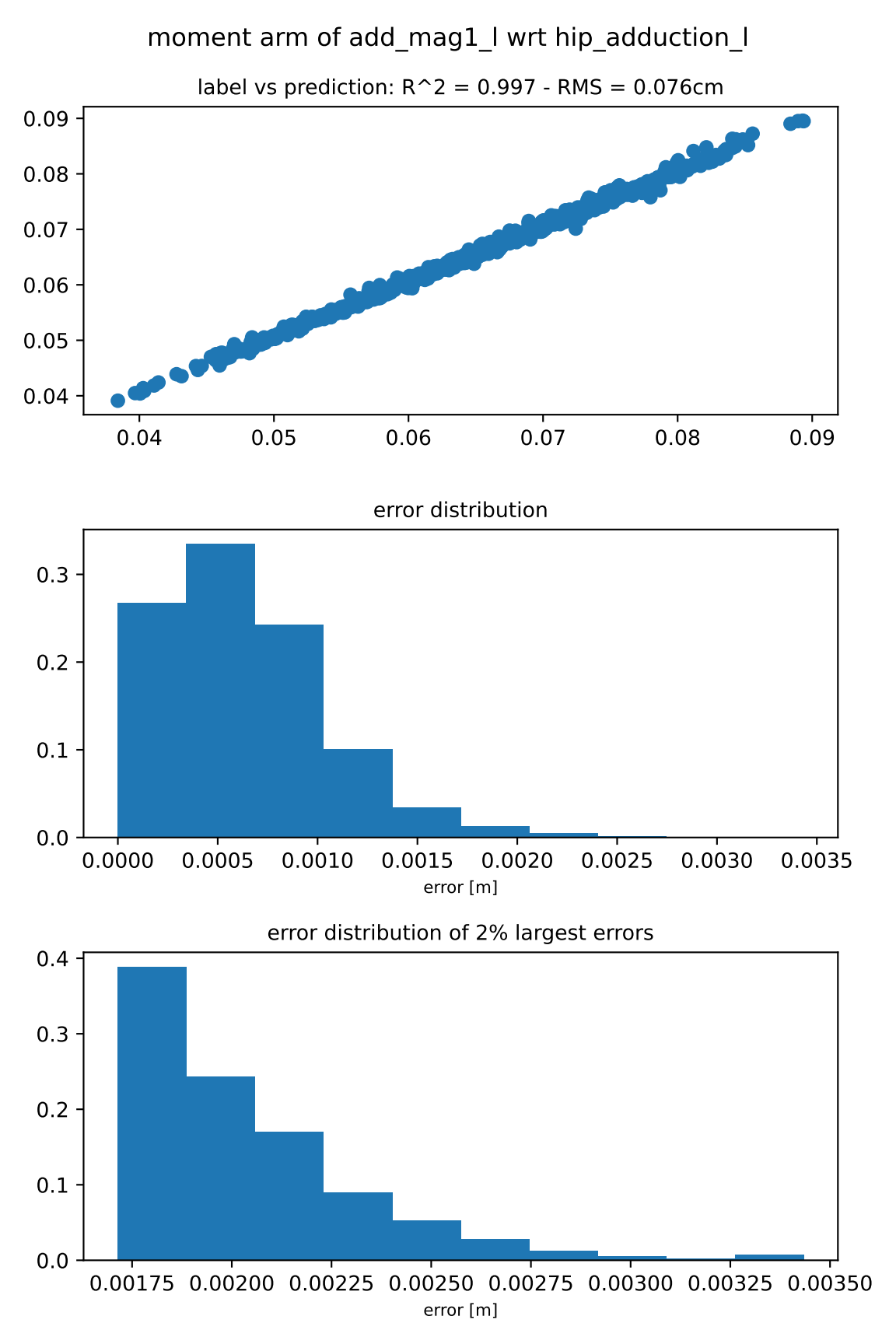

moment arm of add_brev_l wrt hip_flexion_l
label vs prediction: R^2 = 1.0 - RMS = 0.029cm
0.02
0.01
0.00
−0.01
−0.02
−0.02
−0.01
0.00
0.01
0.02
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
0.0014
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0008
0.0010
0.0012
0.0014
error [m]

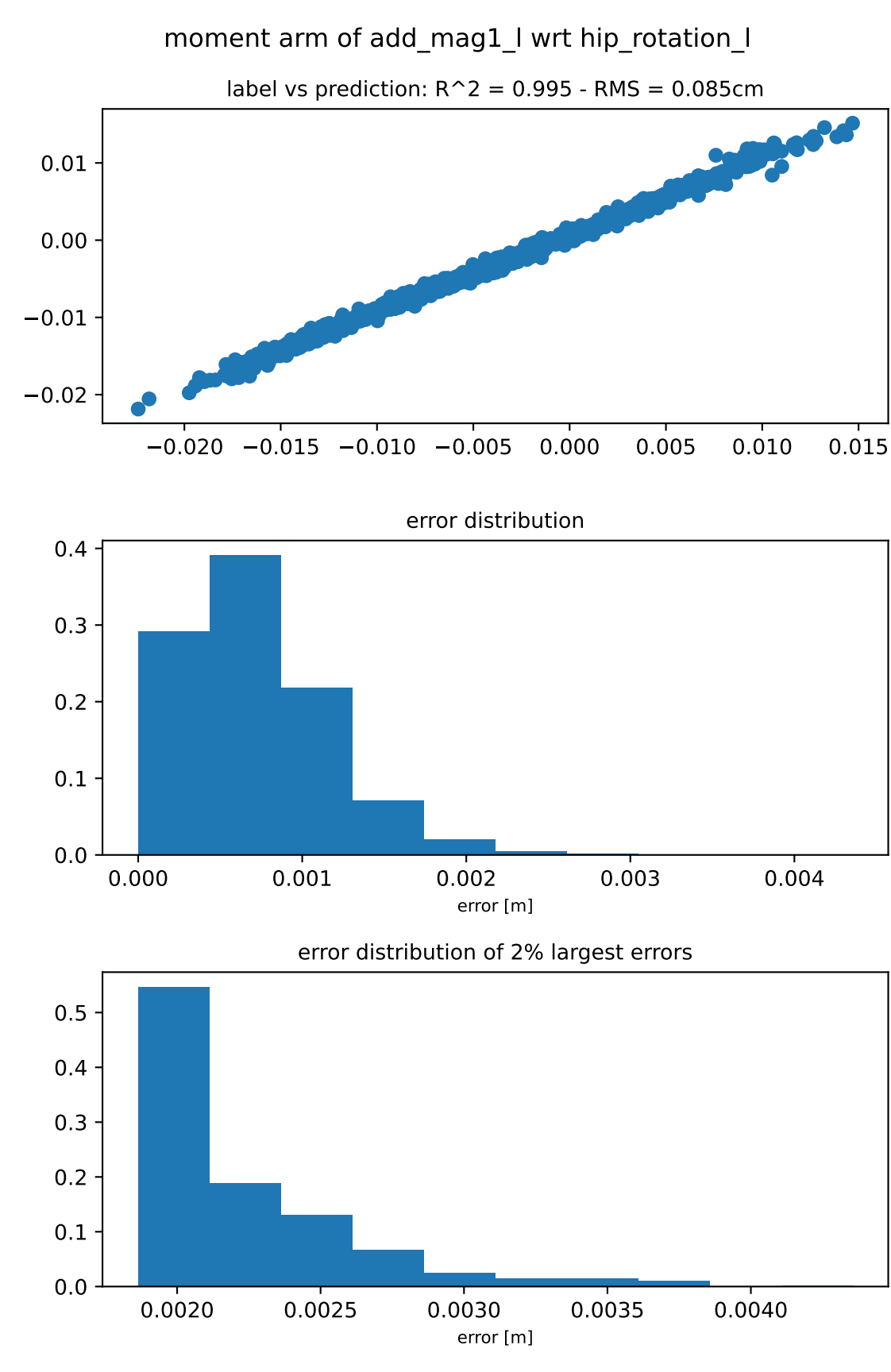

moment arm of add_brev_l wrt hip_adduction_l
label vs prediction: R^2 = 0.998 - RMS = 0.037cm
0.08
0.07
0.06
0.05
0.045
0.050
0.055
0.060
0.065
0.070
0.075
0.080
error distribution
0.4
0.3
0.2
0.1
0.0
0.00000
0.00025
0.00050
0.00075
0.00100
0.00125
0.00150
0.00175
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
error [m]

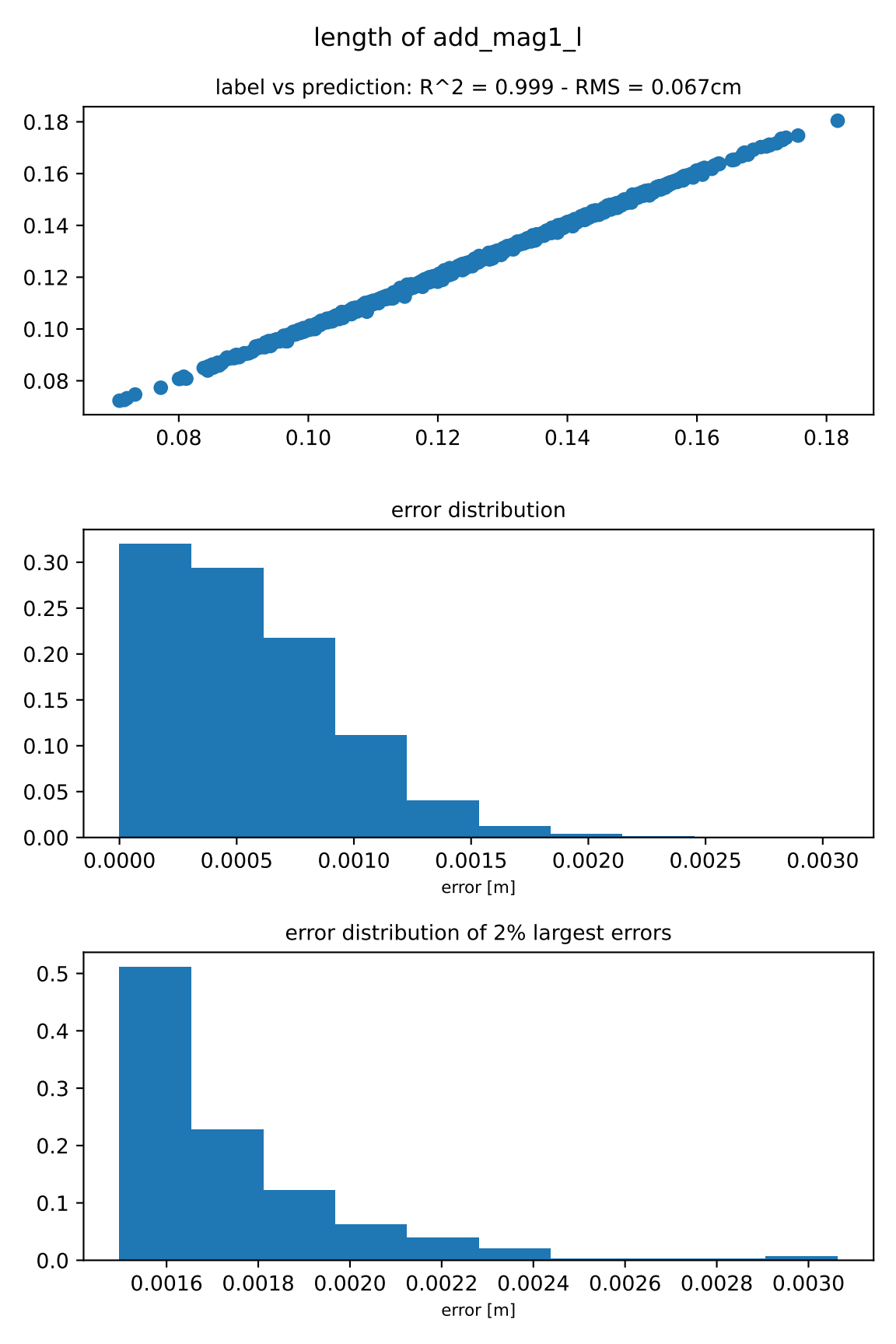

moment arm of add_brev_l wrt hip_rotation_l
label vs prediction: R^2 = 0.996 - RMS = 0.032cm
0.015
0.010
0.005
0.000
−0.005
−0.010
−0.010
−0.005
0.000
0.005
0.010
0.015
error distribution
0.4
0.3
0.2
0.1
0.0
0.00000
0.00025
0.00050
0.00075
0.00100
0.00125
0.00150
0.00175
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0008
0.0010
0.0012
0.0014
0.0016
error [m]

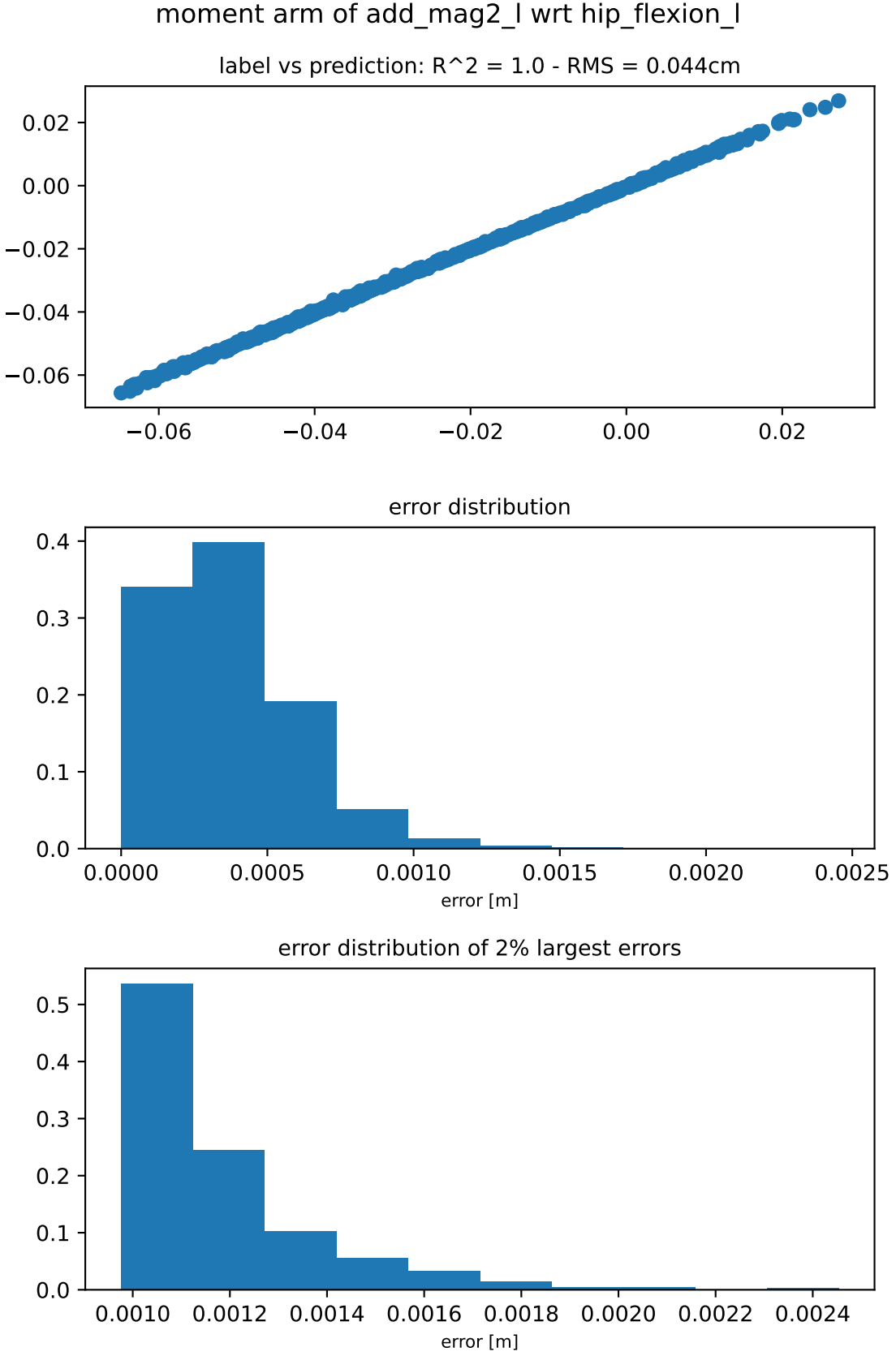

length of add_brev_l
label vs prediction: R^2 = 1.0 - RMS = 0.033cm
0.18
0.16
0.14
0.12
0.10
0.10
0.12
0.14
0.16
0.18
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0008
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
error [m]

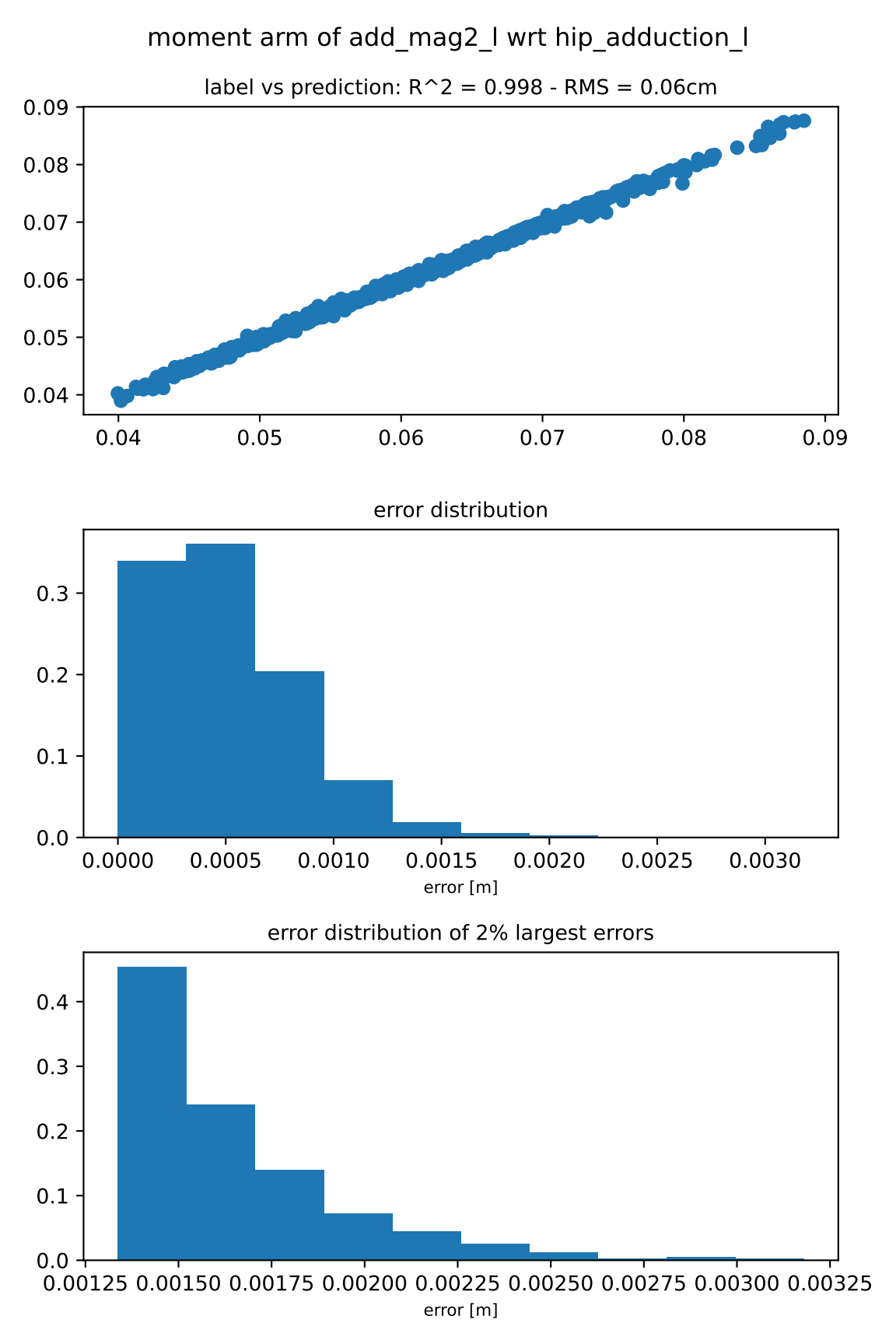

moment arm of add_mag1_l wrt hip_flexion_l
label vs prediction: R^2 = 0.999 - RMS = 0.108cm
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
0.0055
error [m]

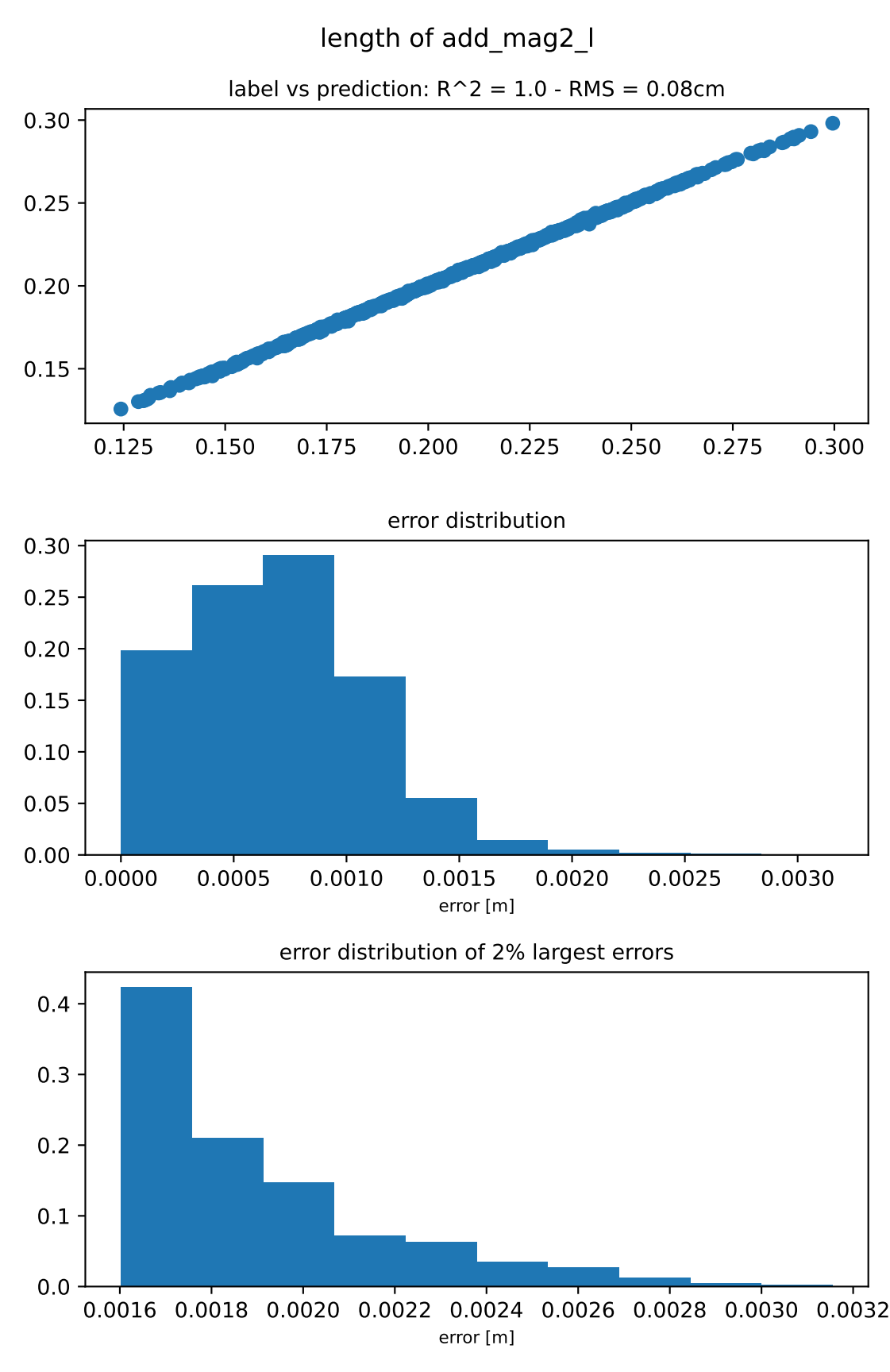

moment arm of add_mag1_l wrt hip_adduction_l
label vs prediction: R^2 = 0.997 - RMS = 0.076cm
0.09
0.08
0.07
0.06
0.05
0.04
0.04
0.05
0.06
0.07
0.08
0.09
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
0.00325
0.00350
error [m]

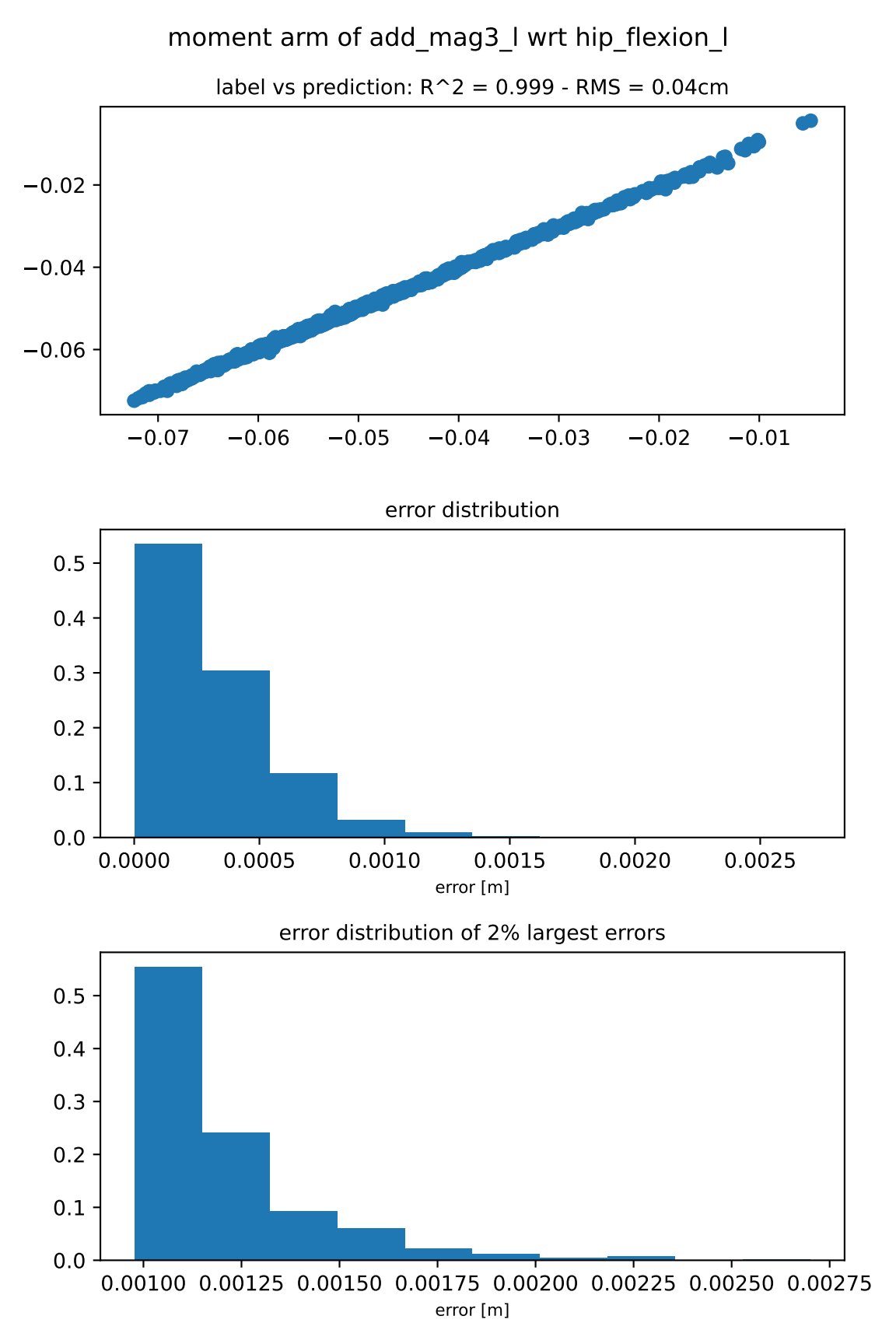

moment arm of add_mag1_l wrt hip_rotation_l
label vs prediction: R^2 = 0.995 - RMS = 0.085cm
0.01
0.00
−0.01
−0.02
−0.020
−0.015
−0.010
−0.005
0.000
0.005
0.010
0.015
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]

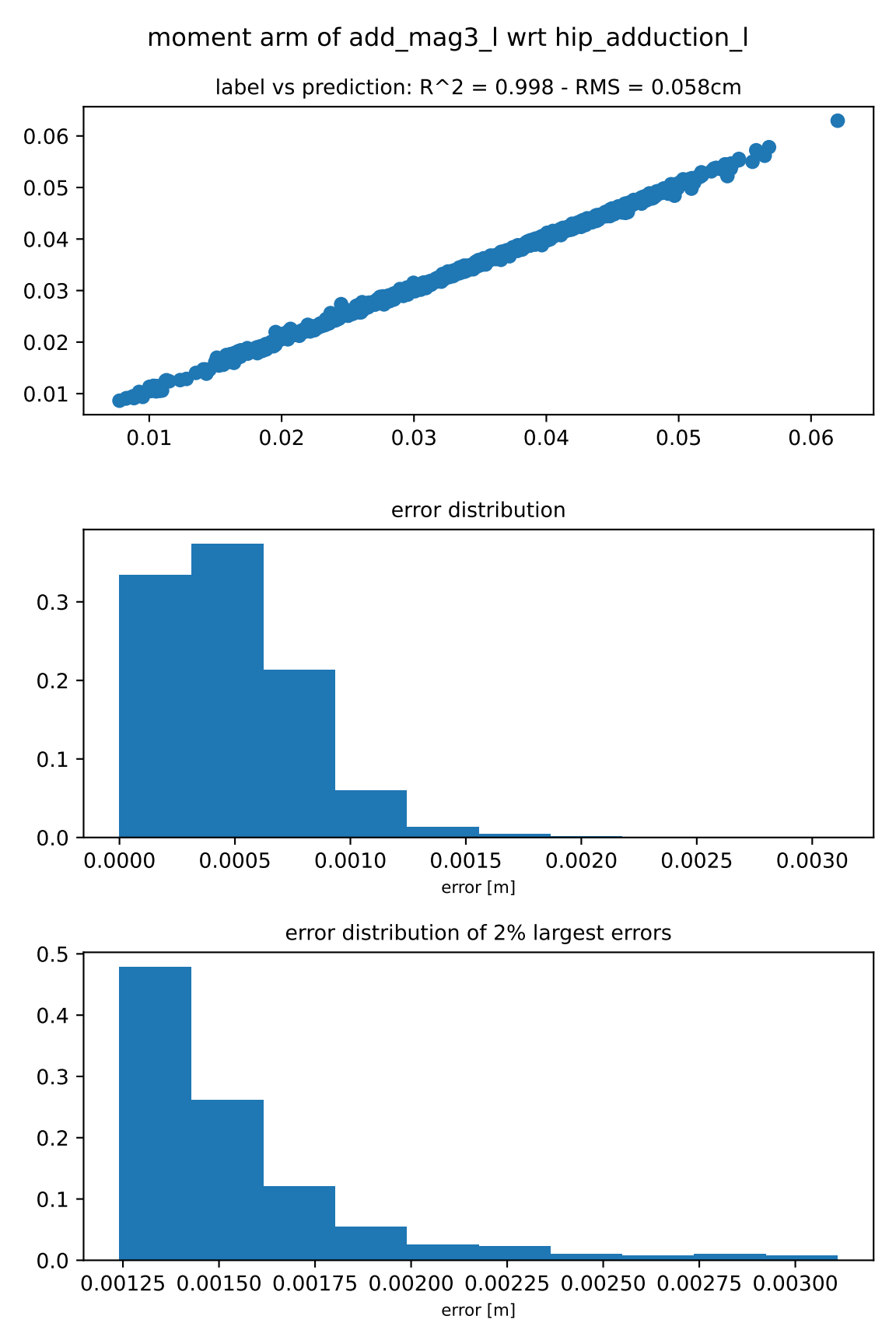

length of add_mag1_l
label vs prediction: R^2 = 0.999 - RMS = 0.067cm
0.18
0.16
0.14
0.12
0.10
0.08
0.08
0.10
0.12
0.14
0.16
0.18
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0016
0.0018
0.0020
0.0022
0.0024
0.0026
0.0028
0.0030
error [m]

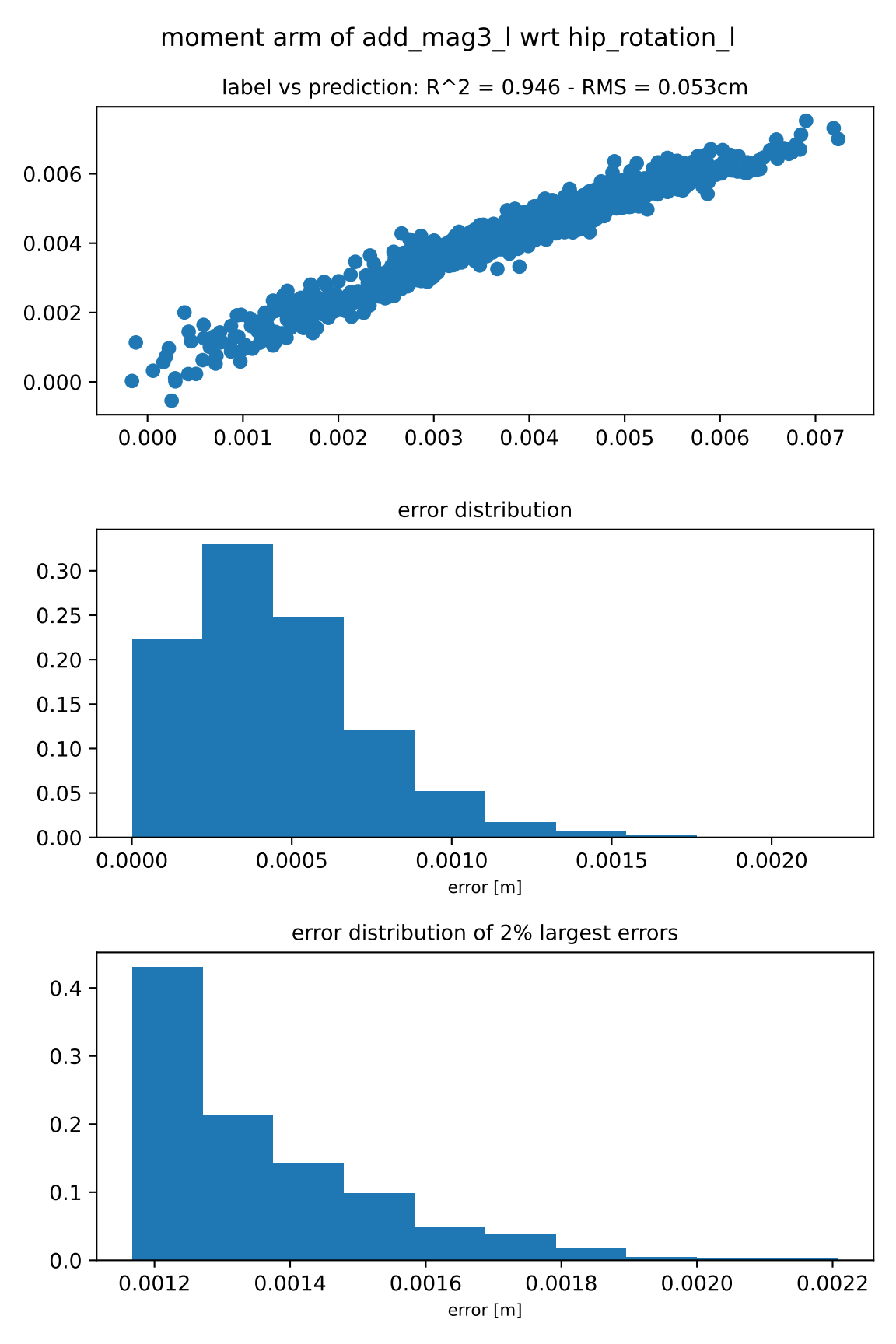

moment arm of add_mag2_l wrt hip_flexion_l
label vs prediction: R^2 = 1.0 - RMS = 0.044cm
0.02
0.00
−0.02
−0.04
−0.06
−0.06
−0.04
−0.02
0.00
0.02
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
0.0024
error [m]

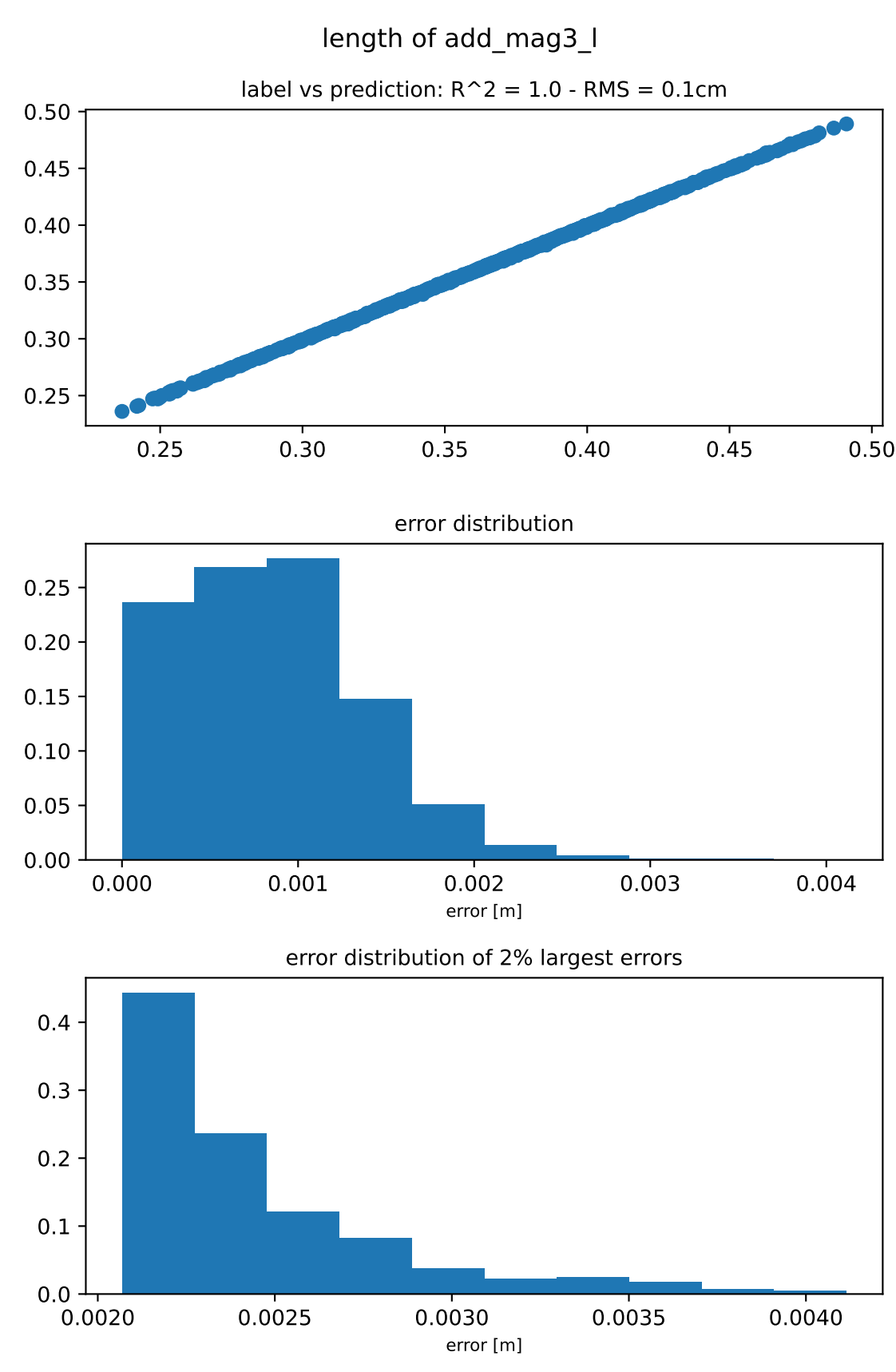

moment arm of add_mag2_l wrt hip_adduction_l
label vs prediction: R^2 = 0.998 - RMS = 0.06cm
0.09
0.08
0.07
0.06
0.05
0.04
0.04
0.05
0.06
0.07
0.08
0.09
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.00125
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
0.00325
error [m]

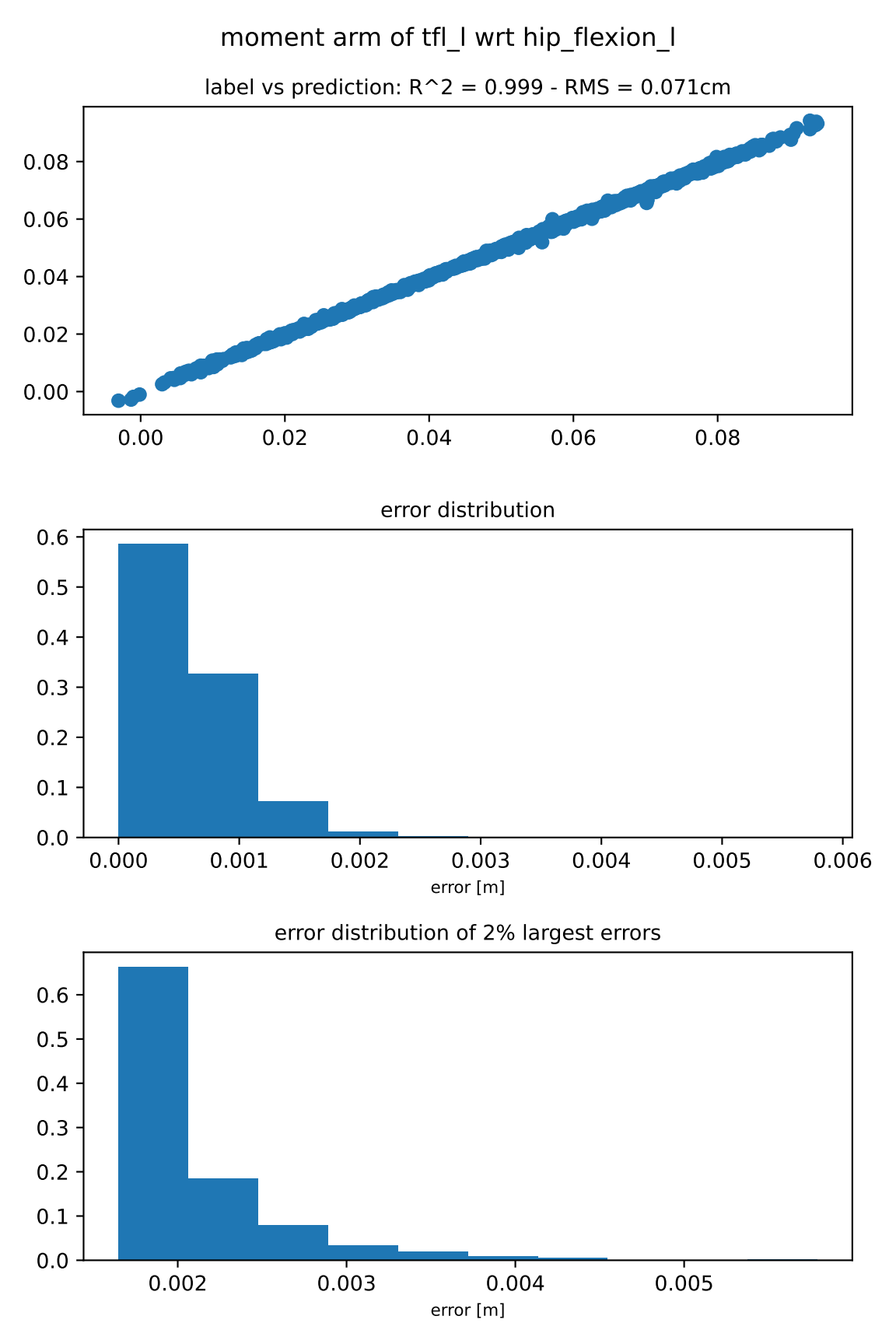

length of add_mag2_l
label vs prediction: R^2 = 1.0 - RMS = 0.08cm
0.30
0.25
0.20
0.15
0.125
0.150
0.175
0.200
0.225
0.250
0.275
0.300
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0016
0.0018
0.0020
0.0022
0.0024
0.0026
0.0028
0.0030
0.0032
error [m]

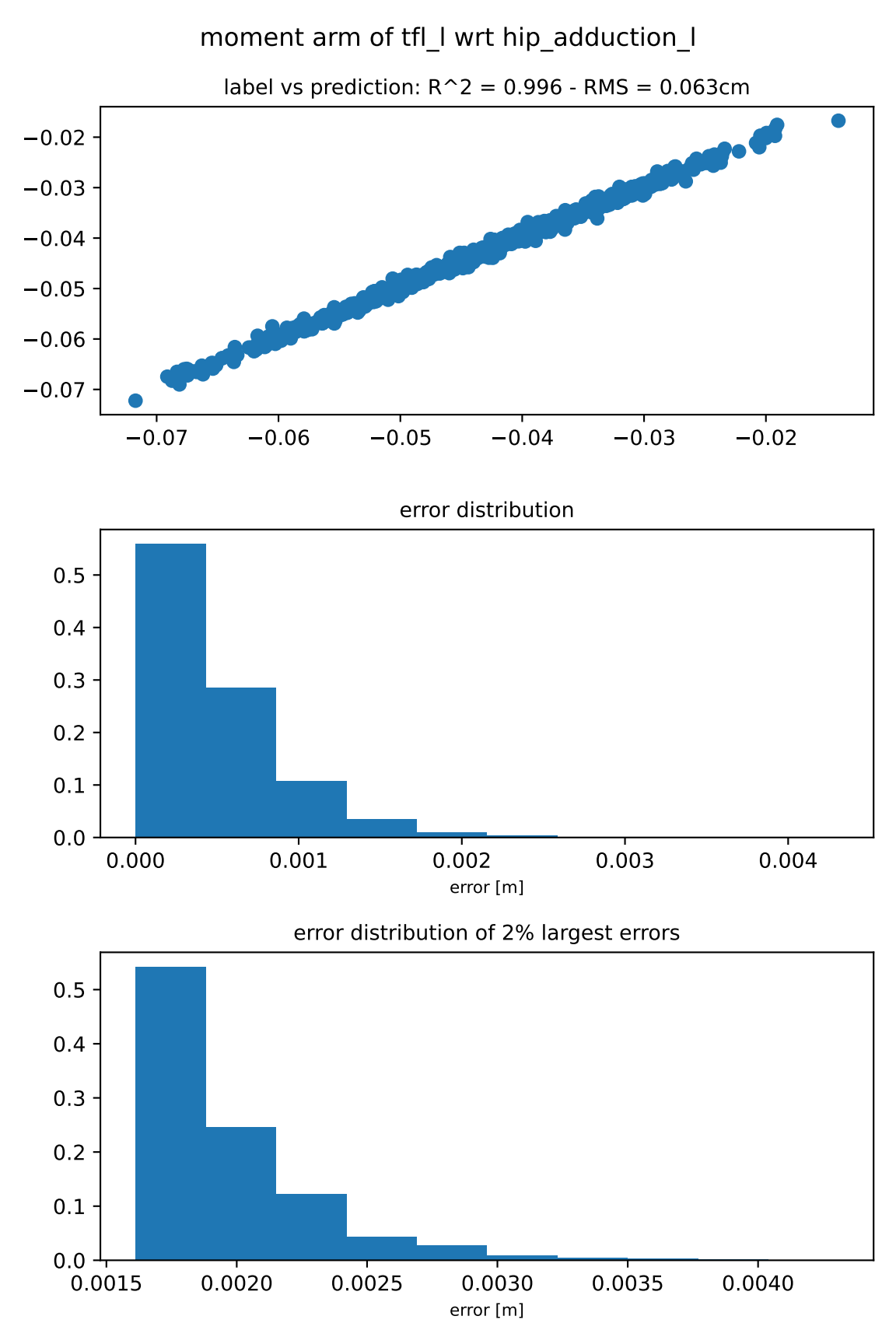

moment arm of add_mag3_l wrt hip_flexion_l
label vs prediction: R^2 = 0.999 - RMS = 0.04cm
−0.02
−0.04
−0.06
−0.07
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00100
0.00125
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
error [m]

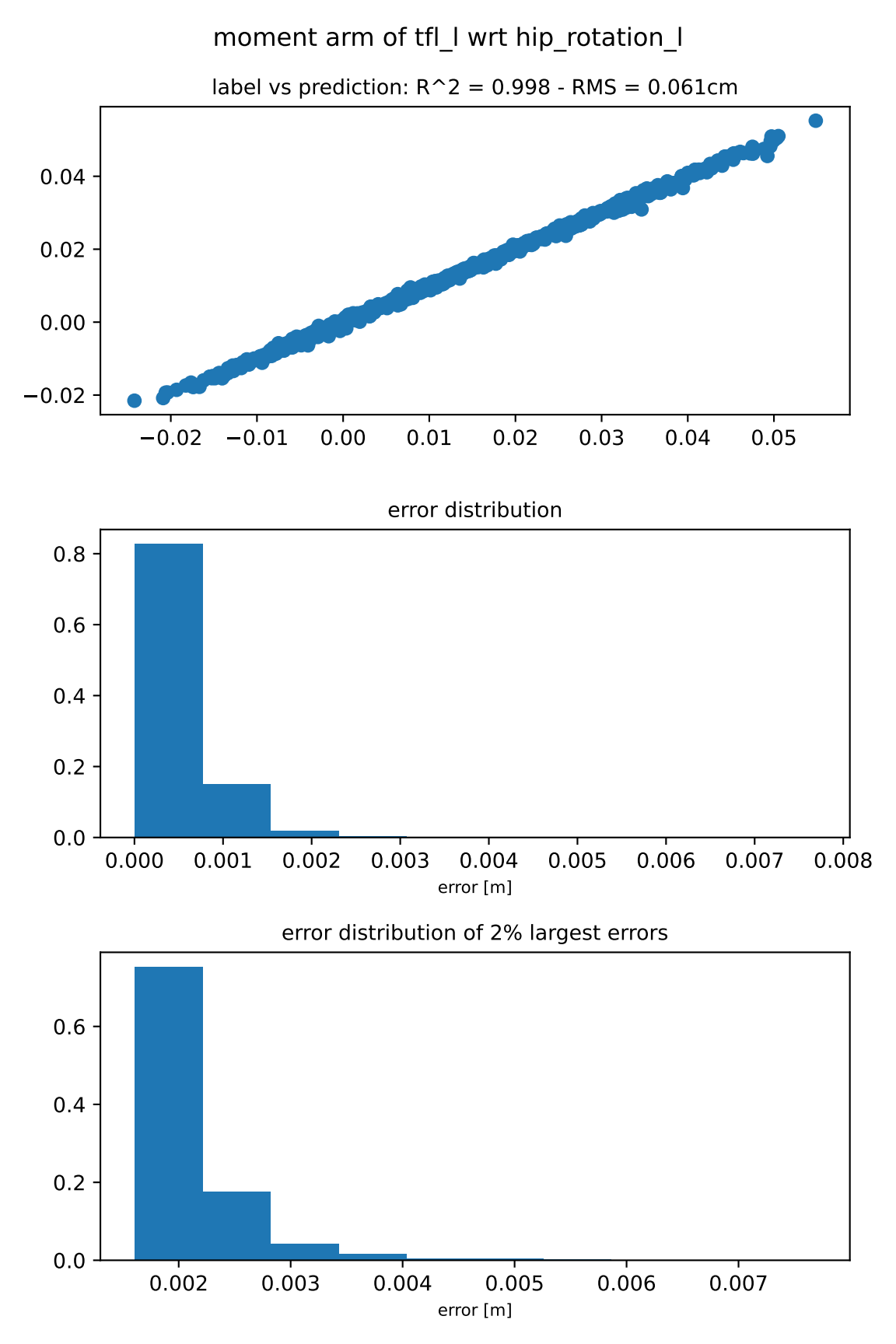

moment arm of add_mag3_l wrt hip_adduction_l
label vs prediction: R^2 = 0.998 - RMS = 0.058cm
0.06
0.05
0.04
0.03
0.02
0.01
0.01
0.02
0.03
0.04
0.05
0.06
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00125
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
error [m]

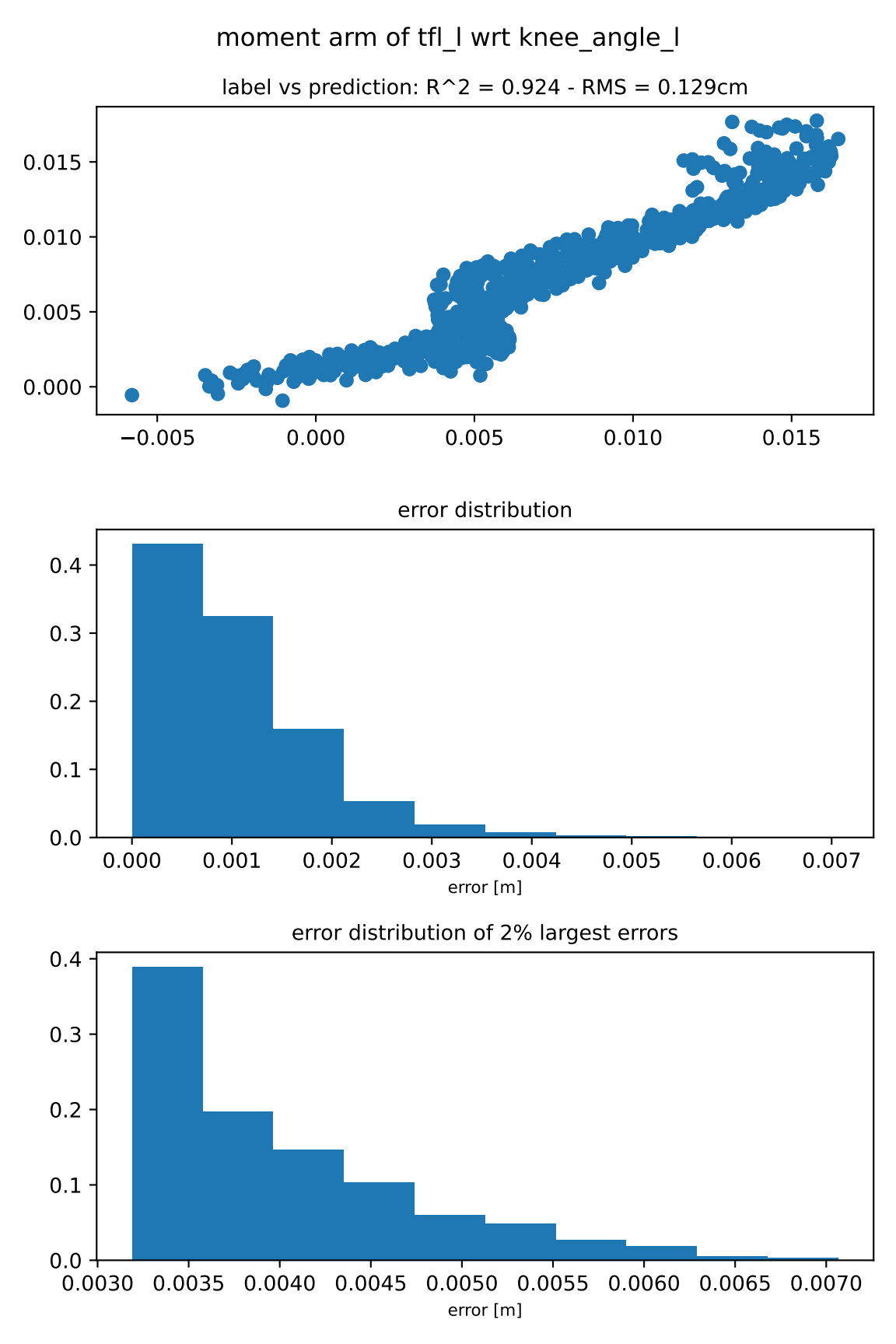

moment arm of add_mag3_l wrt hip_rotation_l
label vs prediction: R^2 = 0.946 - RMS = 0.053cm
0.006
0.004
0.002
0.000
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
error [m]

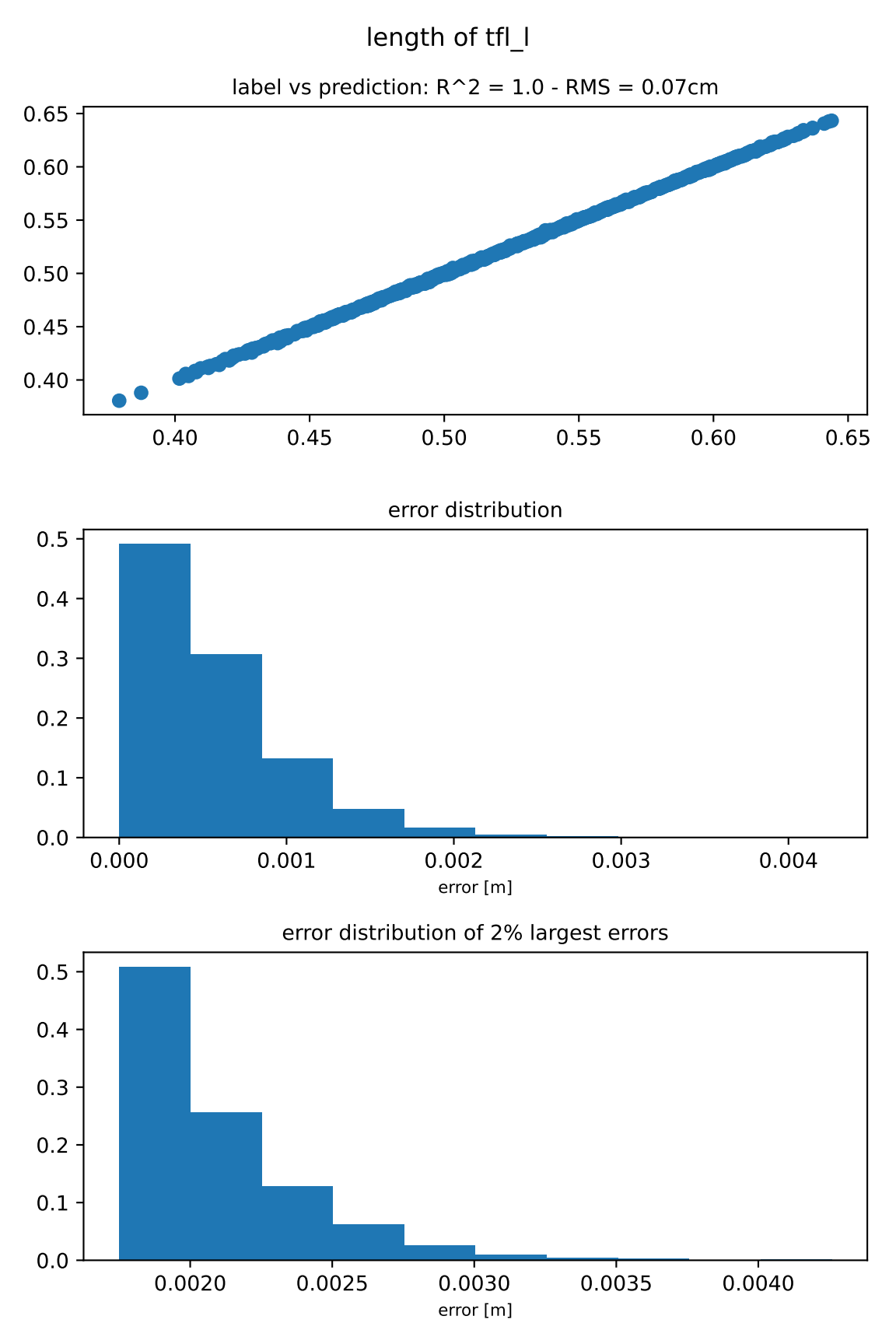

length of add_mag3_l
label vs prediction: R^2 = 1.0 - RMS = 0.1cm
0.50
0.45
0.40
0.35
0.30
0.25
0.25
0.30
0.35
0.40
0.45
0.50
error distribution
0.25
0.20
0.15
0.10
0.05
0.00
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]

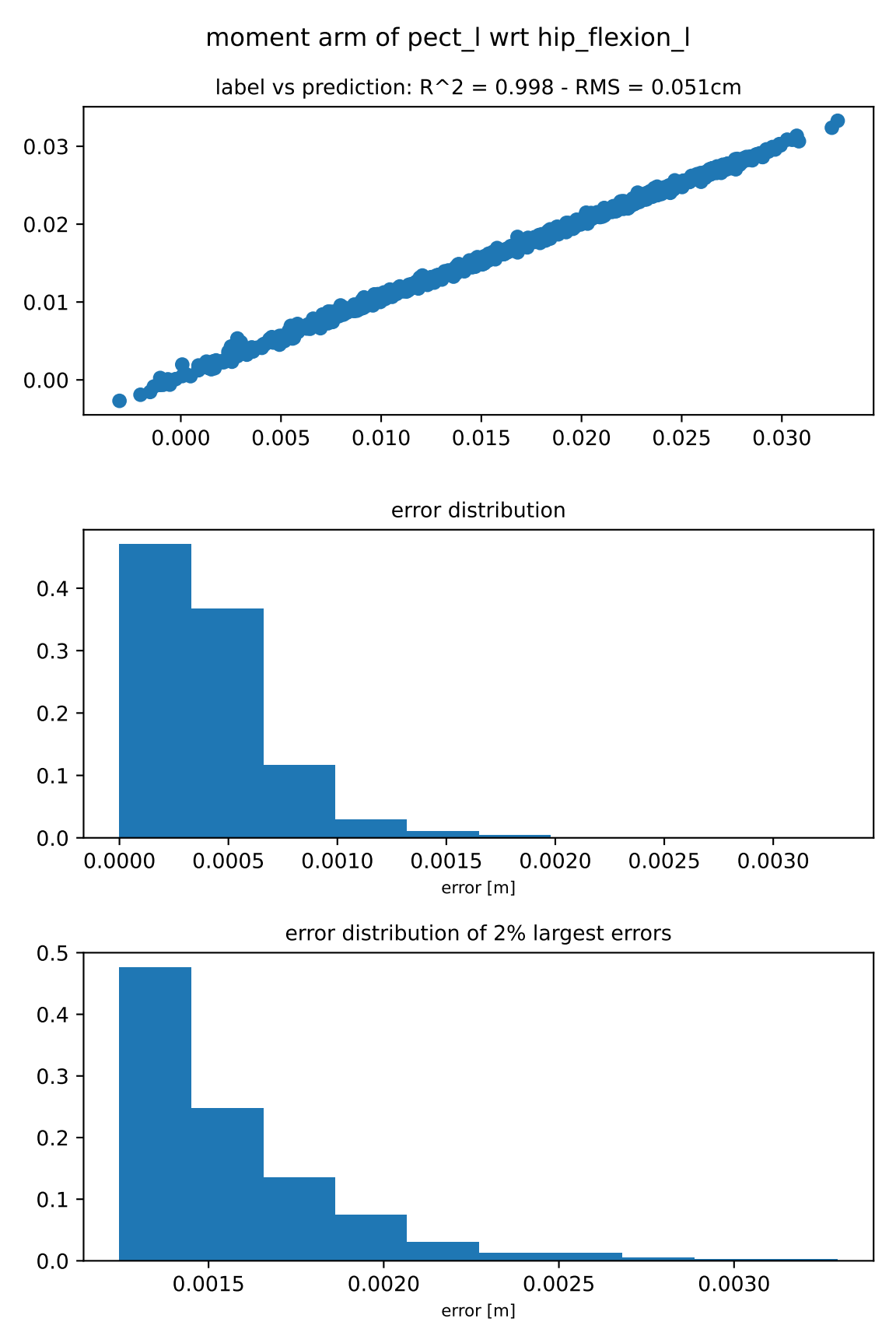

moment arm of tfl_l wrt hip_flexion_l
label vs prediction: R^2 = 0.999 - RMS = 0.071cm
0.08
0.06
0.04
0.02
0.00
0.00
0.02
0.04
0.06
0.08
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.002
0.003
0.004
0.005
error [m]

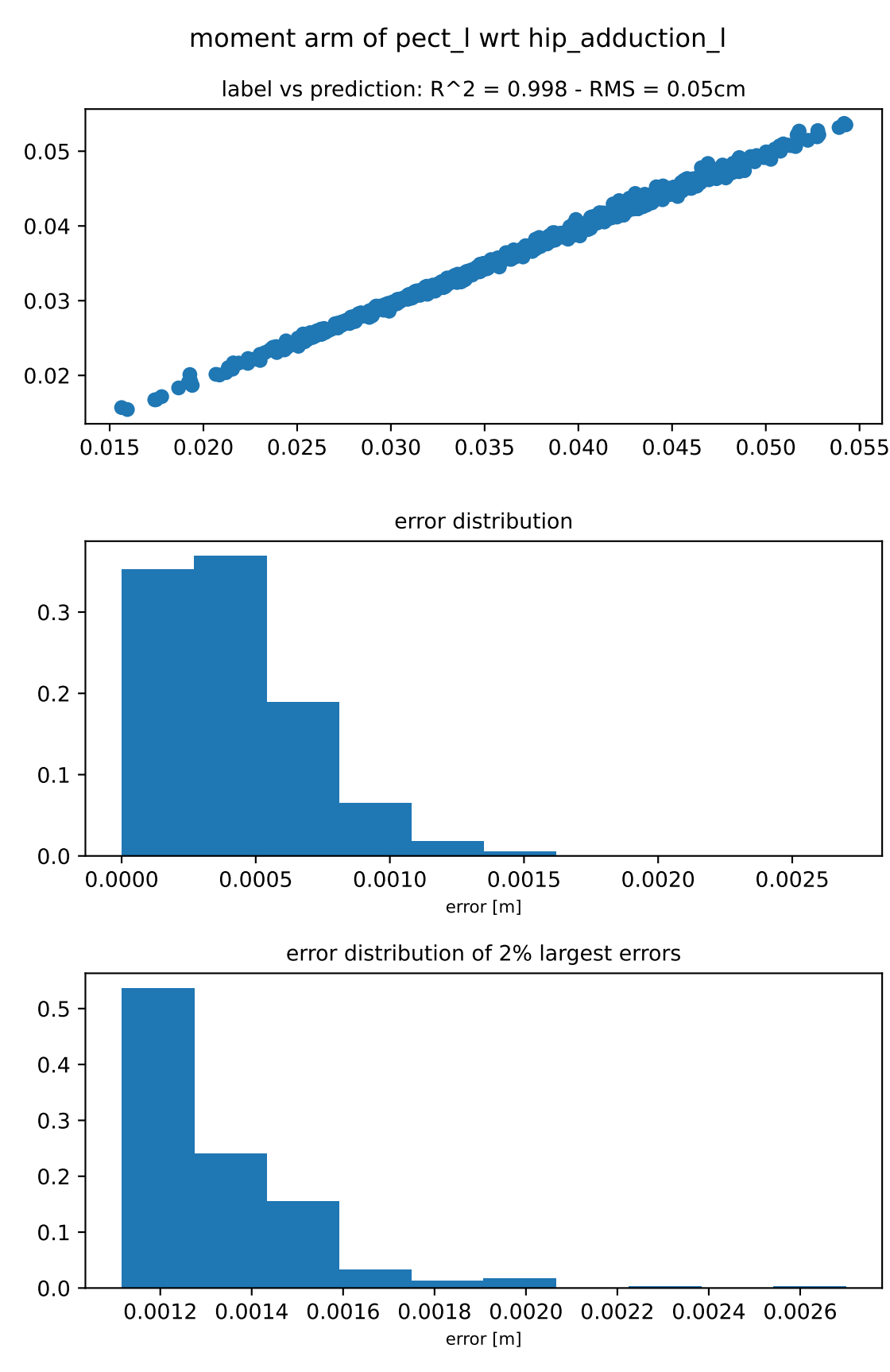

moment arm of tfl_l wrt hip_adduction_l
label vs prediction: R^2 = 0.996 - RMS = 0.063cm
−0.02
−0.03
−0.04
−0.05
−0.06
−0.07
−0.07
−0.06
−0.05
−0.04
−0.03
−0.02
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]

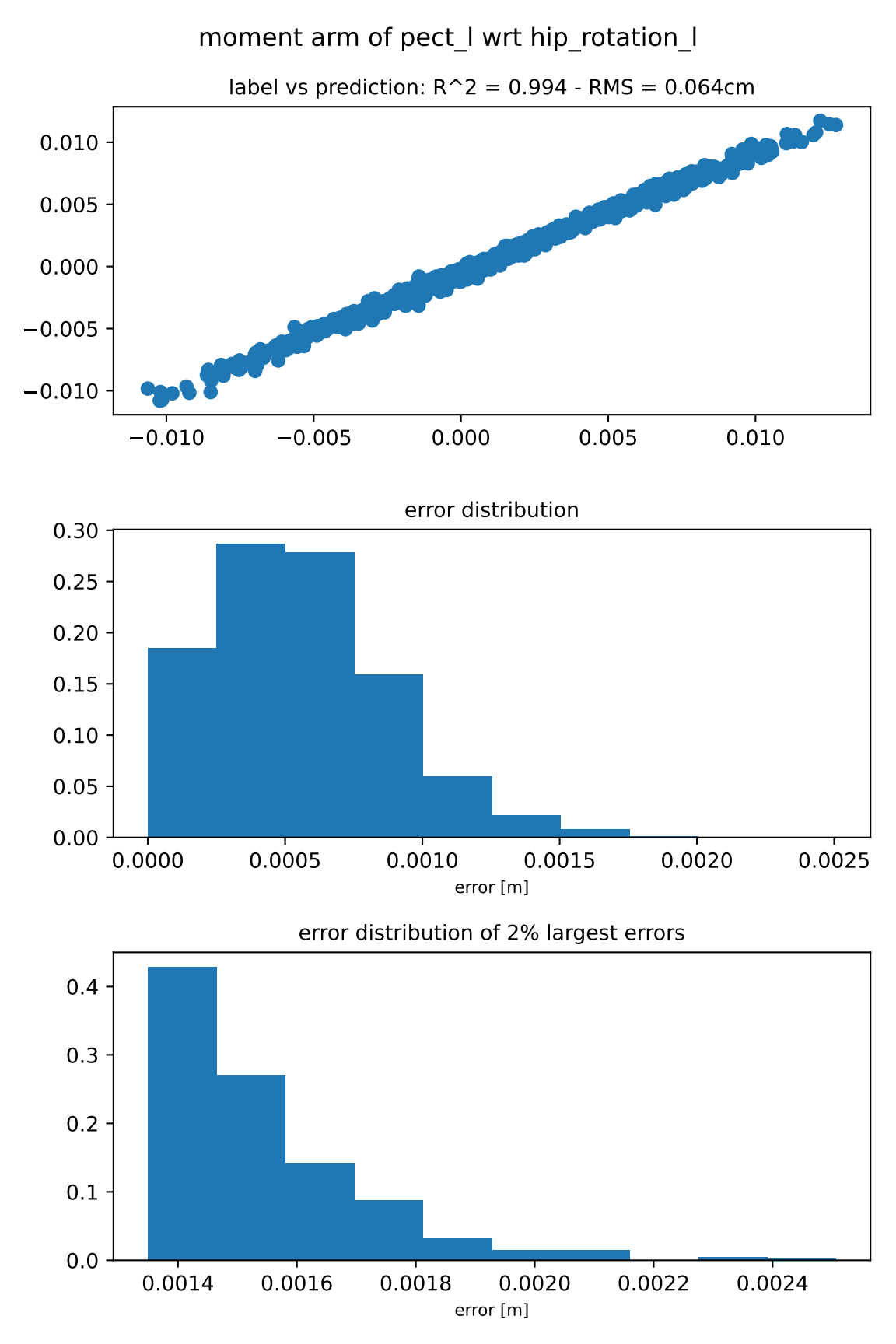

moment arm of tfl_l wrt hip_rotation_l
label vs prediction: R^2 = 0.998 - RMS = 0.061cm
0.04
0.02
0.00
−0.02
−0.02
−0.01
0.00
0.01
0.02
0.03
0.04
0.05
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
0.008
error [m]
error distribution of 2% largest errors
0.6
0.4
0.2
0.0
0.002
0.003
0.004
0.005
0.006
0.007
error [m]

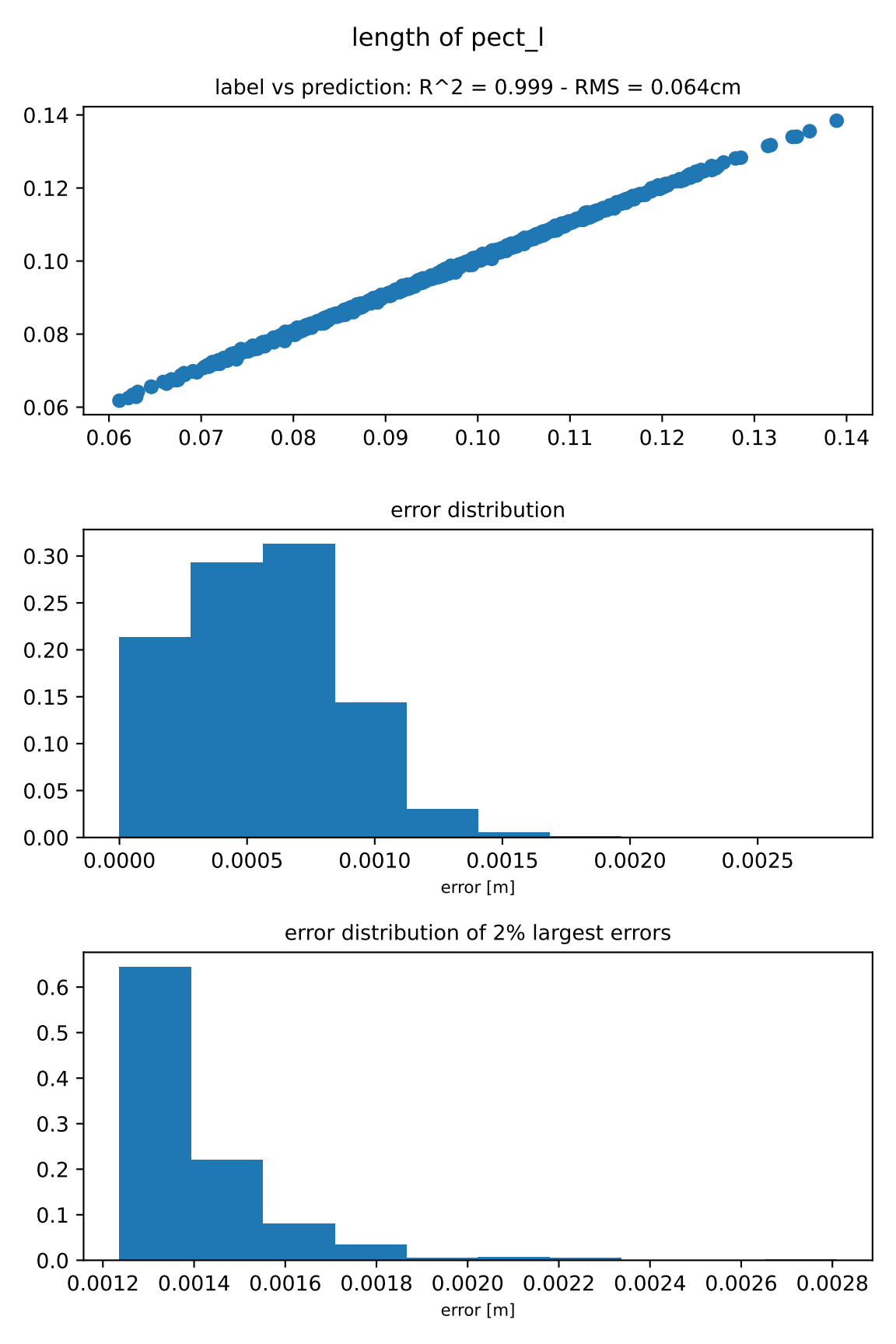

moment arm of tfl_l wrt knee_angle_l
label vs prediction: R^2 = 0.924 - RMS = 0.129cm
0.015
0.010
0.005
0.000
−0.005
0.000
0.005
0.010
0.015
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0030
0.0035
0.0040
0.0045
0.0050
0.0055
0.0060
0.0065
0.0070
error [m]

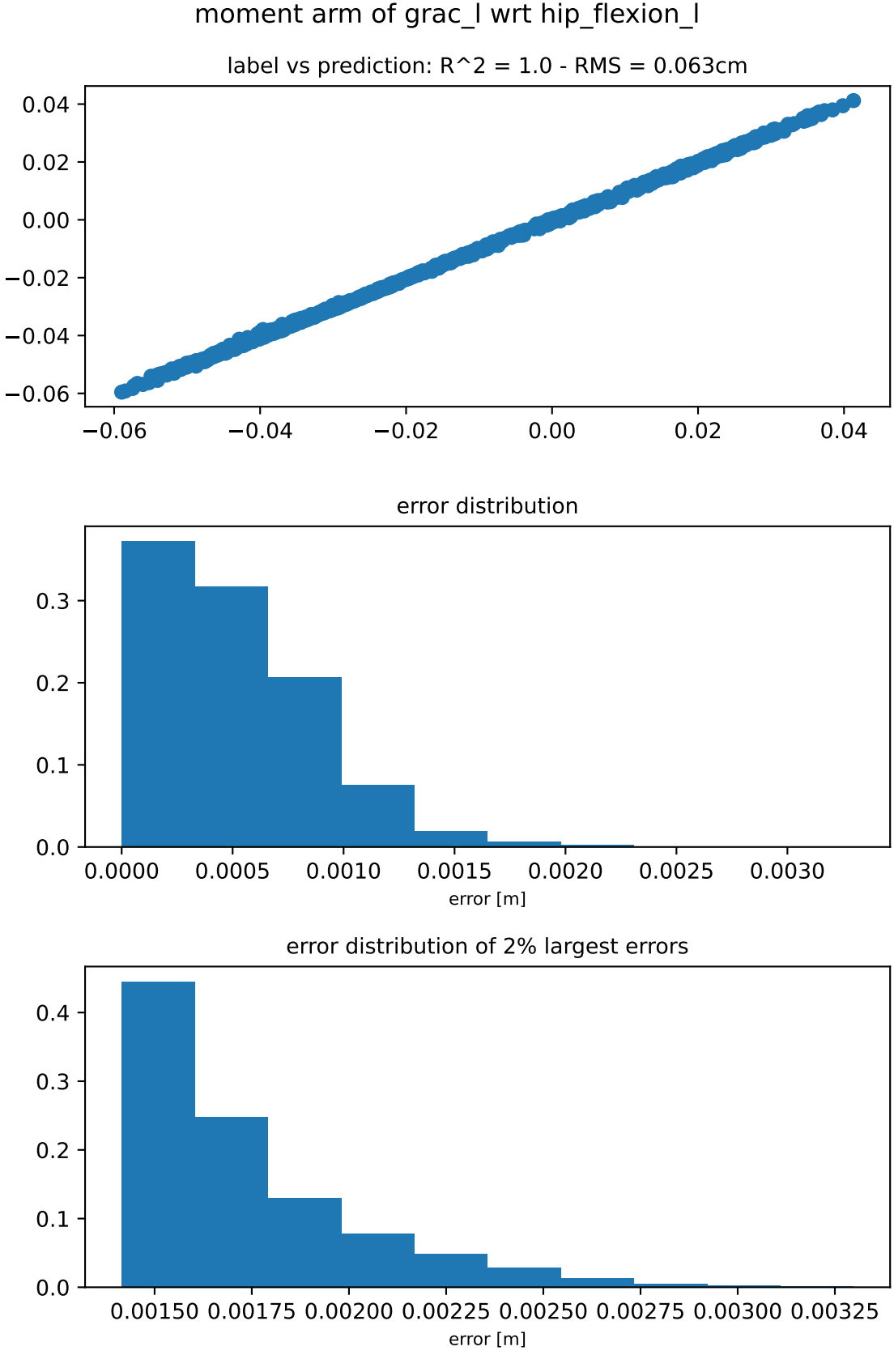

length of tfl_l
label vs prediction: R^2 = 1.0 - RMS = 0.07cm
0.65
0.60
0.55
0.50
0.45
0.40
0.40
0.45
0.50
0.55
0.60
0.65
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]

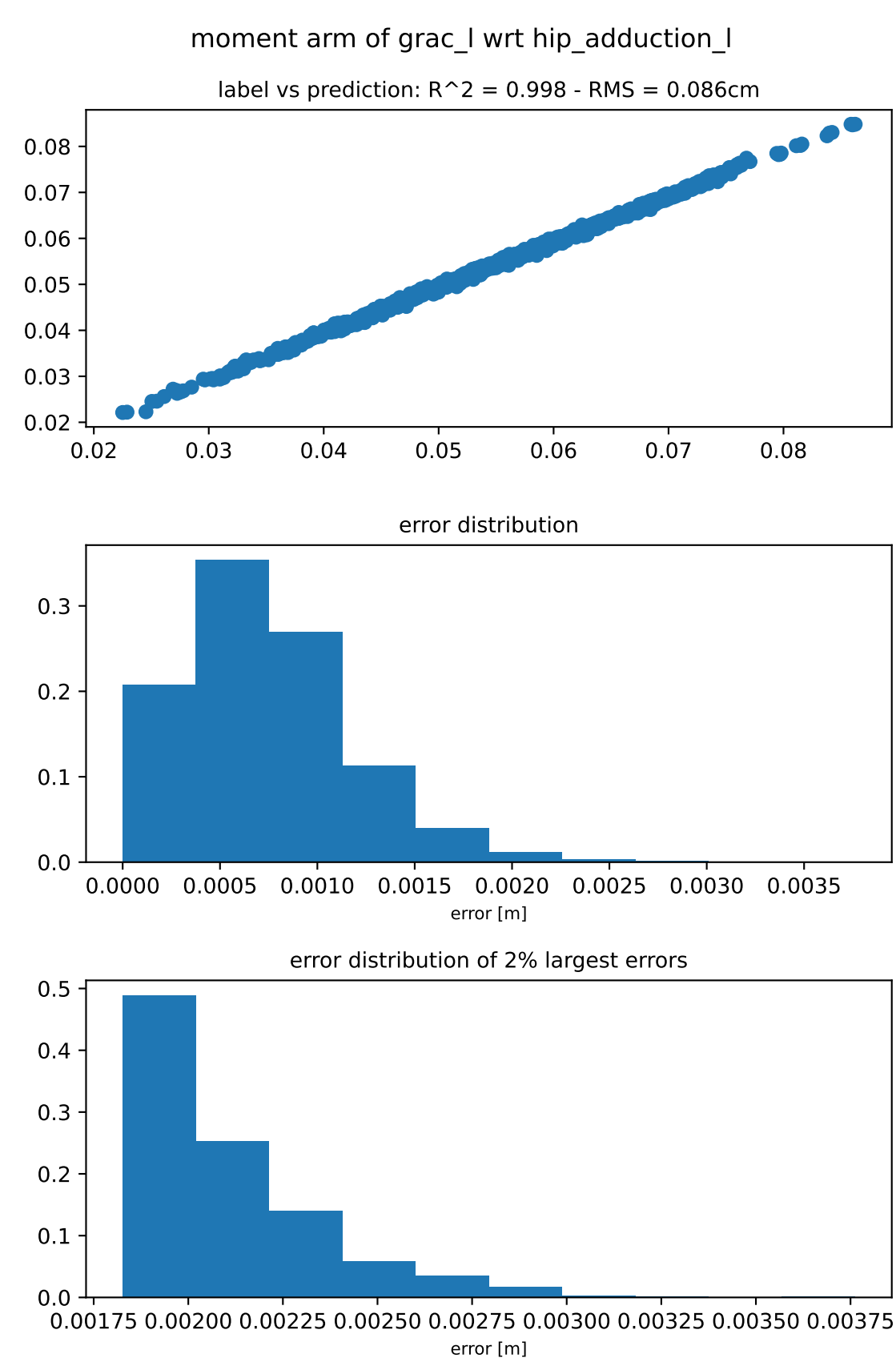

moment arm of pect_l wrt hip_flexion_l
label vs prediction: R^2 = 0.998 - RMS = 0.051cm
0.03
0.02
0.01
0.00
0.000
0.005
0.010
0.015
0.020
0.025
0.030
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
error [m]

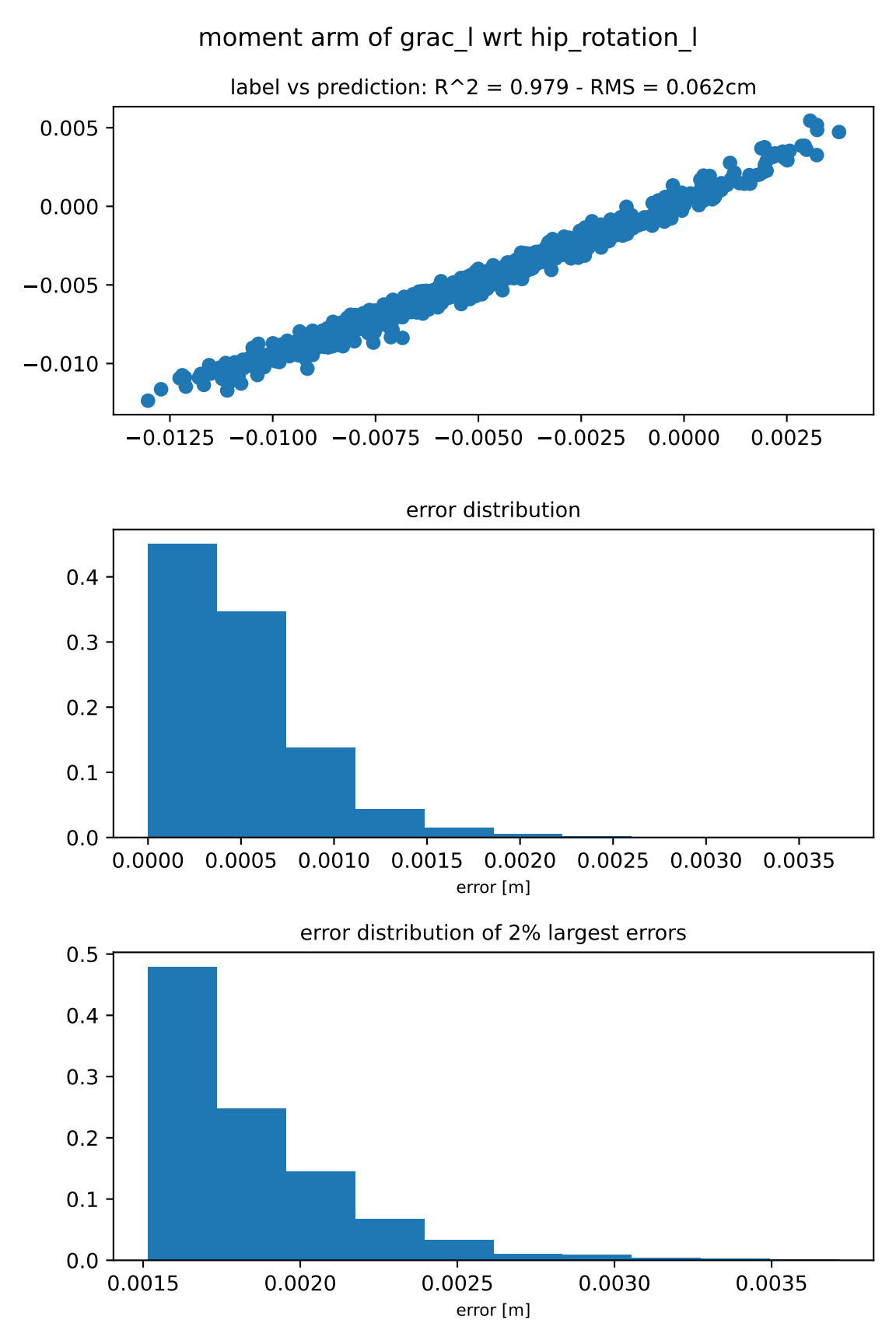

moment arm of pect_l wrt hip_adduction_l
label vs prediction: R^2 = 0.998 - RMS = 0.05cm
0.05
0.04
0.03
0.02
0.015
0.020
0.025
0.030
0.035
0.040
0.045
0.050
0.055
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
0.0024
0.0026
error [m]

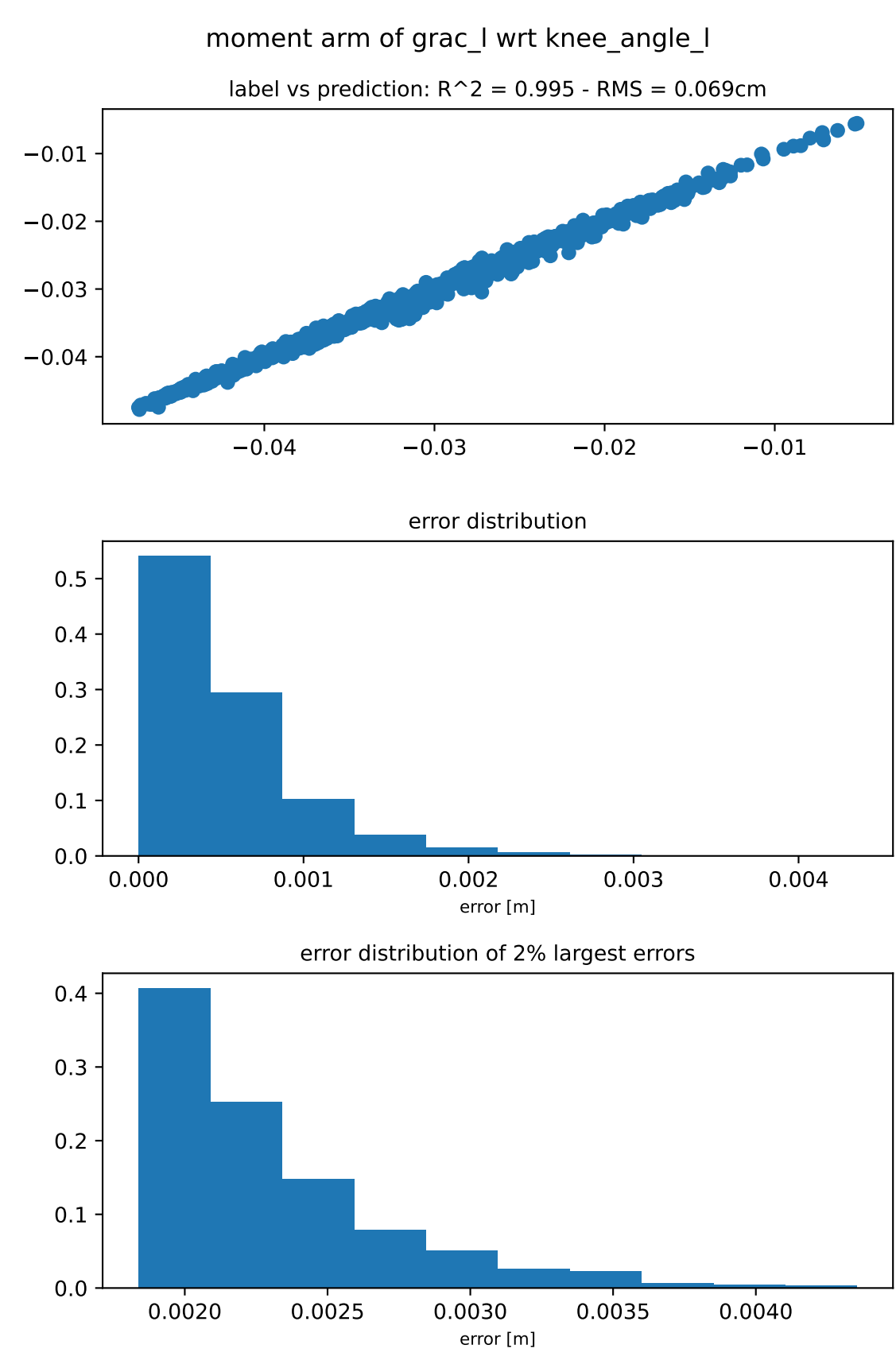

moment arm of pect_l wrt hip_rotation_l
label vs prediction: R^2 = 0.994 - RMS = 0.064cm
0.010
0.005
0.000
−0.005
−0.010
−0.010
−0.005
0.000
0.005
0.010
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0014
0.0016
0.0018
0.0020
0.0022
0.0024
error [m]

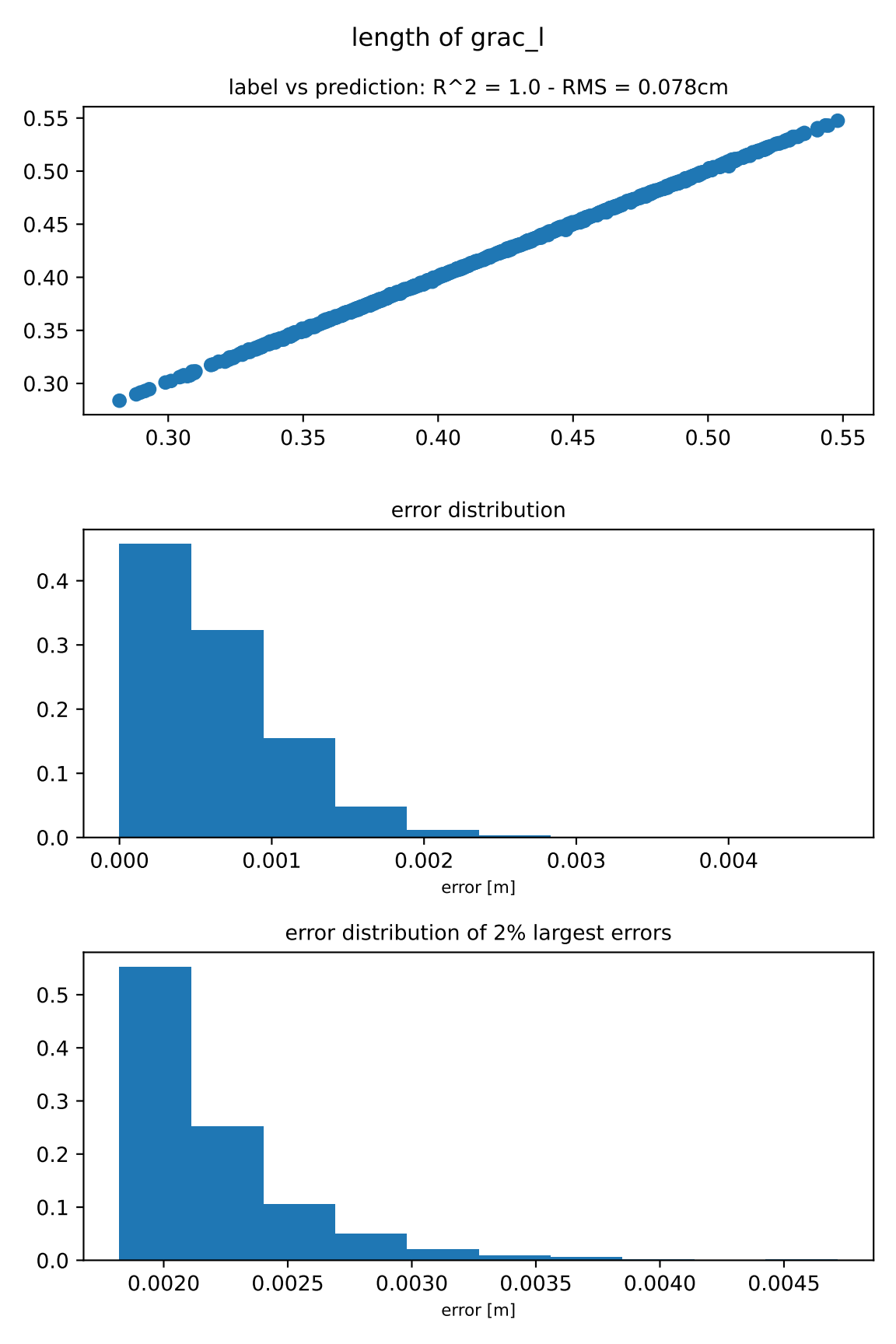

length of pect_l
label vs prediction: R^2 = 0.999 - RMS = 0.064cm
0.14
0.12
0.10
0.08
0.06
0.06
0.07
0.08
0.09
0.10
0.11
0.12
0.13
0.14
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
0.0024
0.0026
0.0028
error [m]

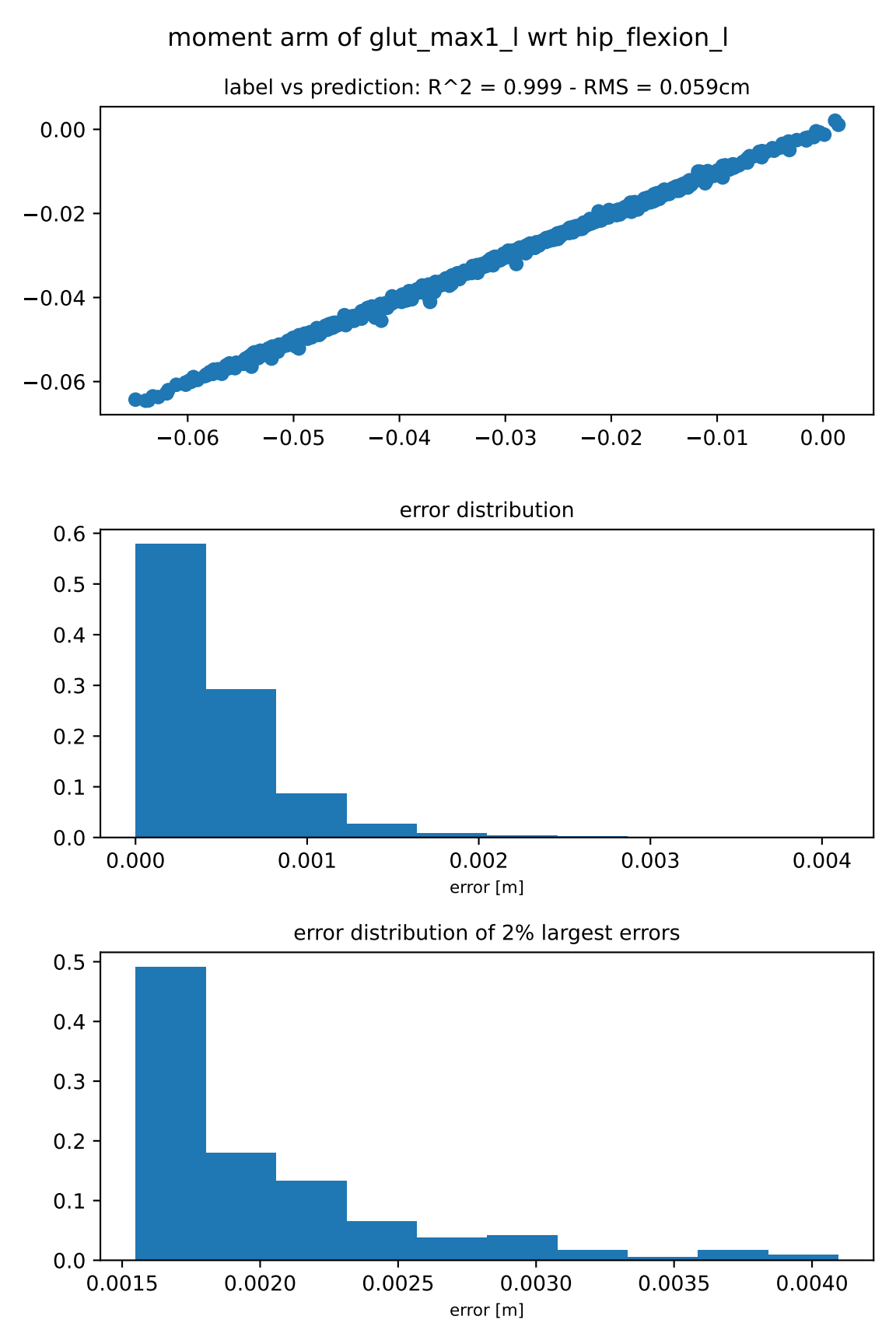

moment arm of grac_l wrt hip_flexion_l
label vs prediction: R^2 = 1.0 - RMS = 0.063cm
0.04
0.02
0.00
−0.02
−0.04
−0.06
−0.06
−0.04
−0.02
0.00
0.02
0.04
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
0.00325
error [m]

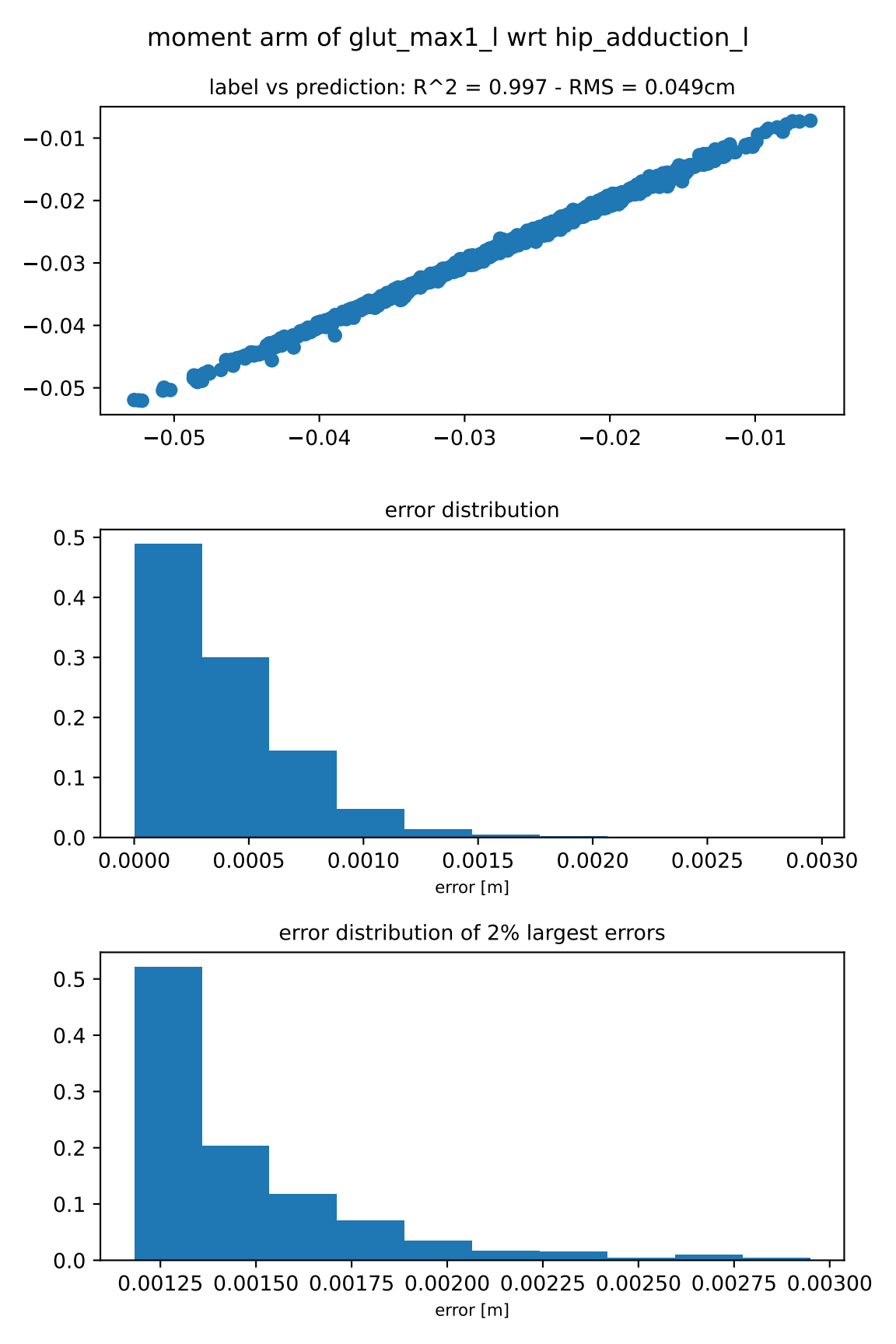

moment arm of grac_l wrt hip_adduction_l
label vs prediction: R^2 = 0.998 - RMS = 0.086cm
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.02
0.03
0.04
0.05
0.06
0.07
0.08
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
0.00325
0.00350
0.00375
error [m]

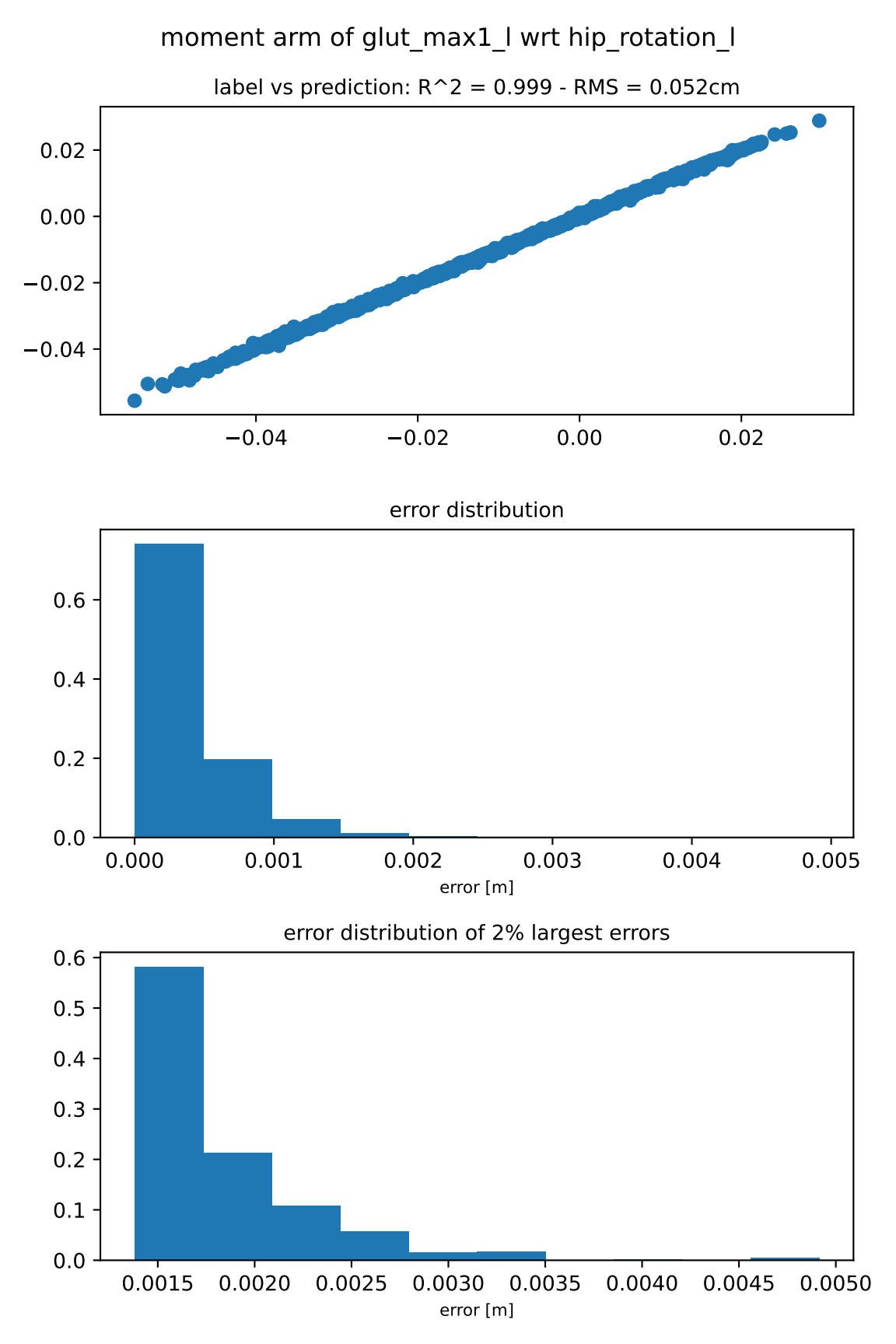

moment arm of grac_l wrt hip_rotation_l
label vs prediction: R^2 = 0.979 - RMS = 0.062cm
0.005
0.000
−0.005
−0.010
−0.0125
−0.0100
−0.0075
−0.0050
−0.0025
0.0000
0.0025
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]

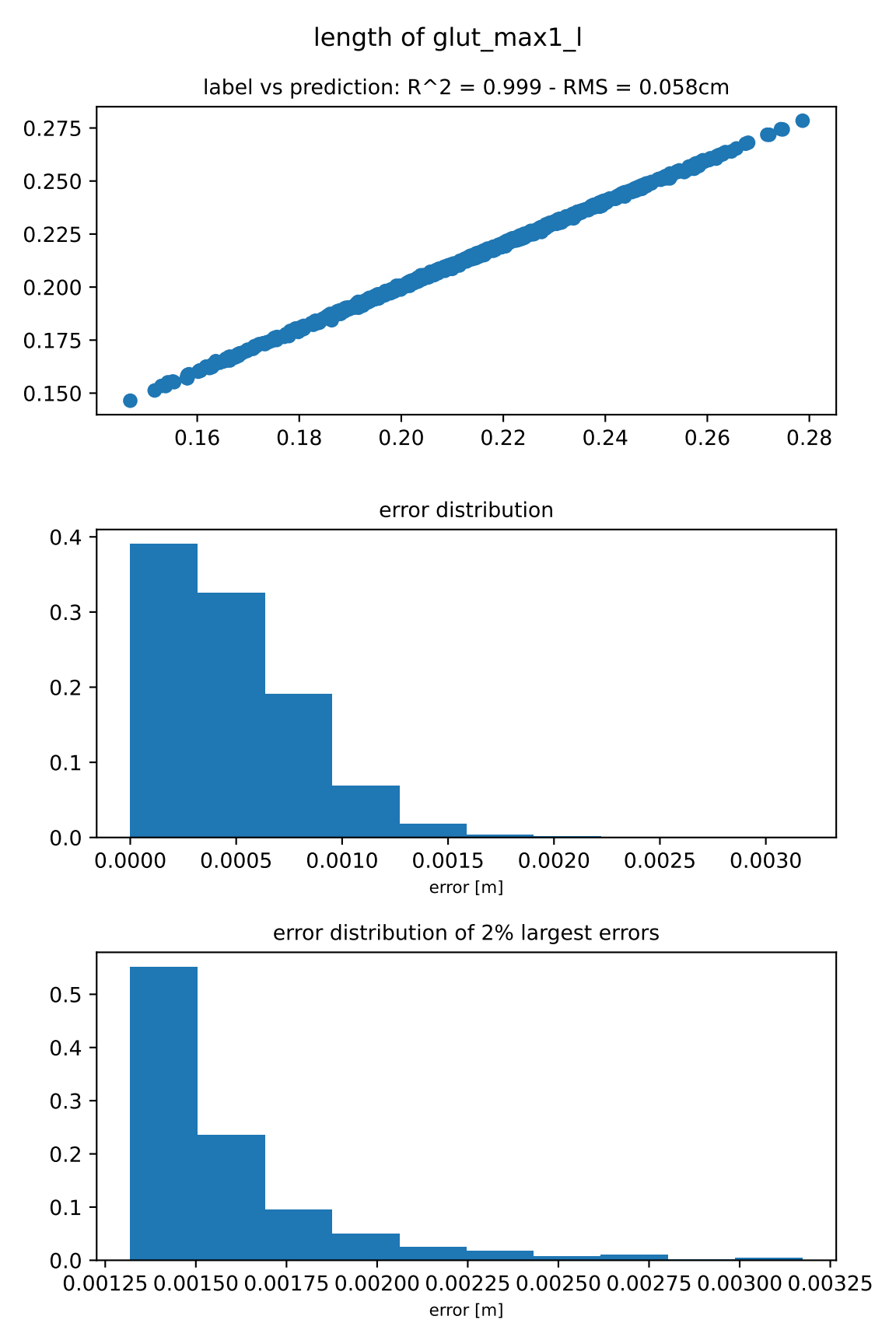

moment arm of grac_l wrt knee_angle_l
label vs prediction: R^2 = 0.995 - RMS = 0.069cm
−0.01
−0.02
−0.03
−0.04
−0.04
−0.03
−0.02
−0.01
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]

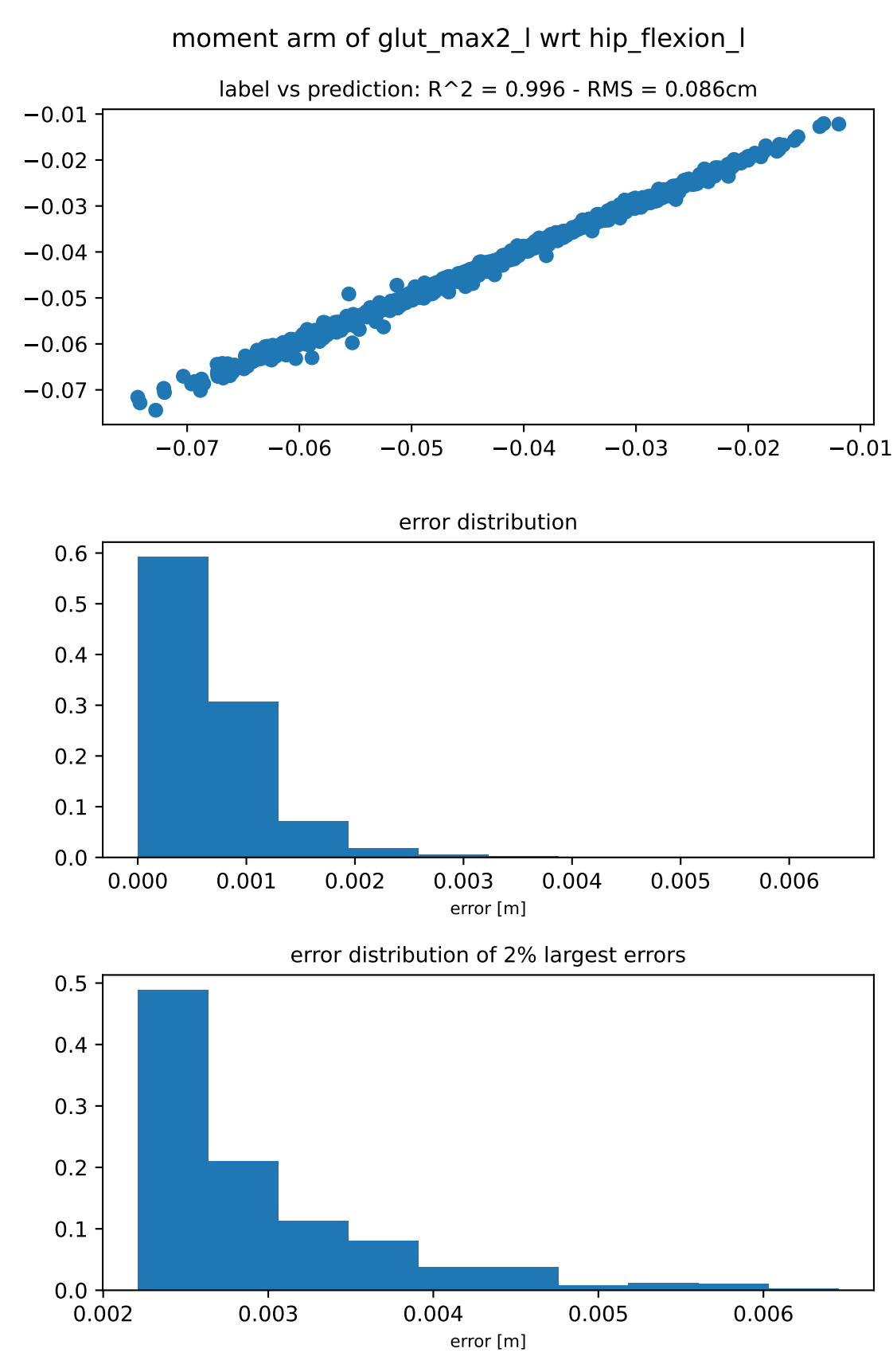

length of grac_l
label vs prediction: R^2 = 1.0 - RMS = 0.078cm
0.55
0.50
0.45
0.40
0.35
0.30
0.30
0.35
0.40
0.45
0.50
0.55
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
error [m]

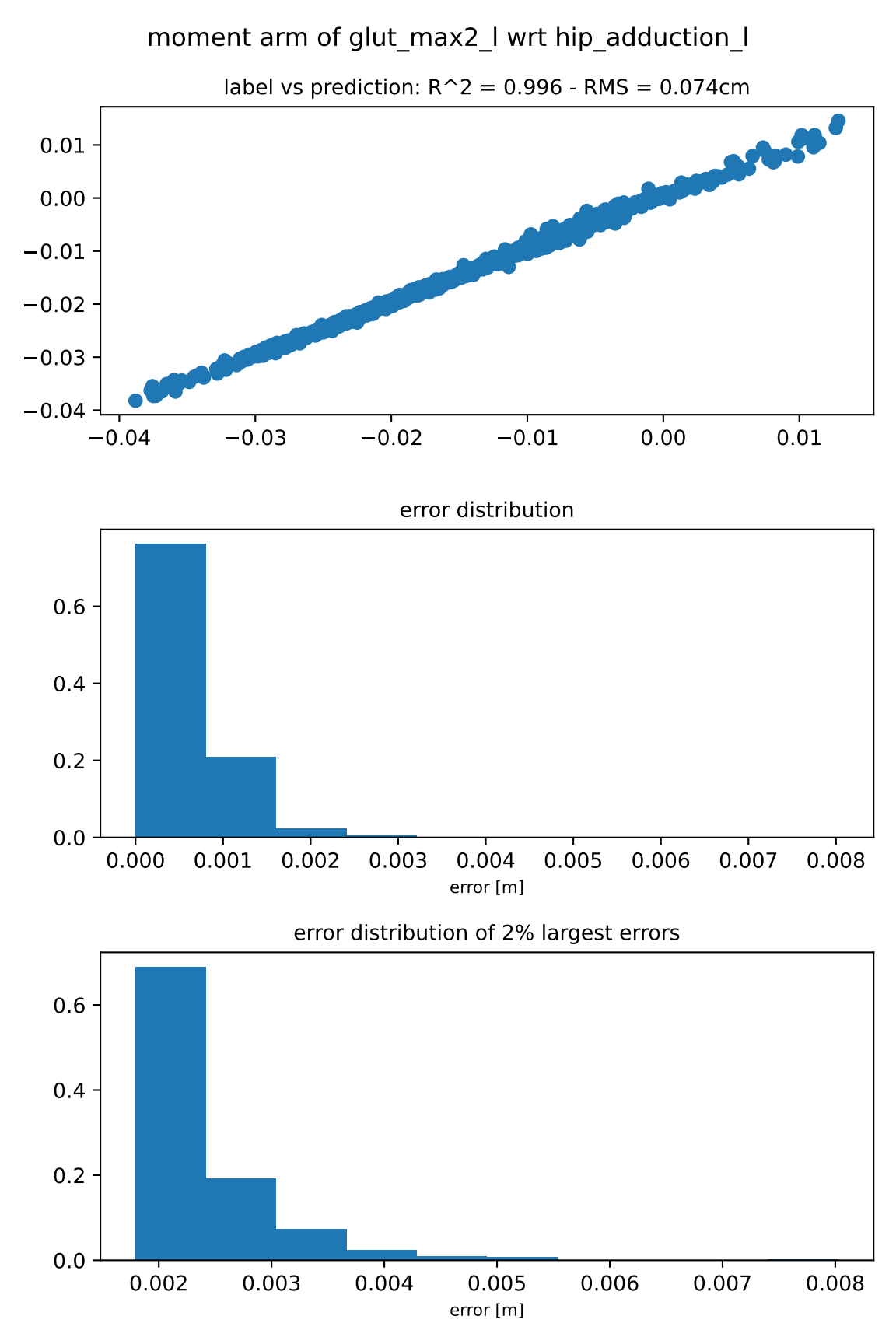

moment arm of glut_max1_l wrt hip_flexion_l
label vs prediction: R^2 = 0.999 - RMS = 0.059cm
0.00
−0.02
−0.04
−0.06
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
0.00
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]

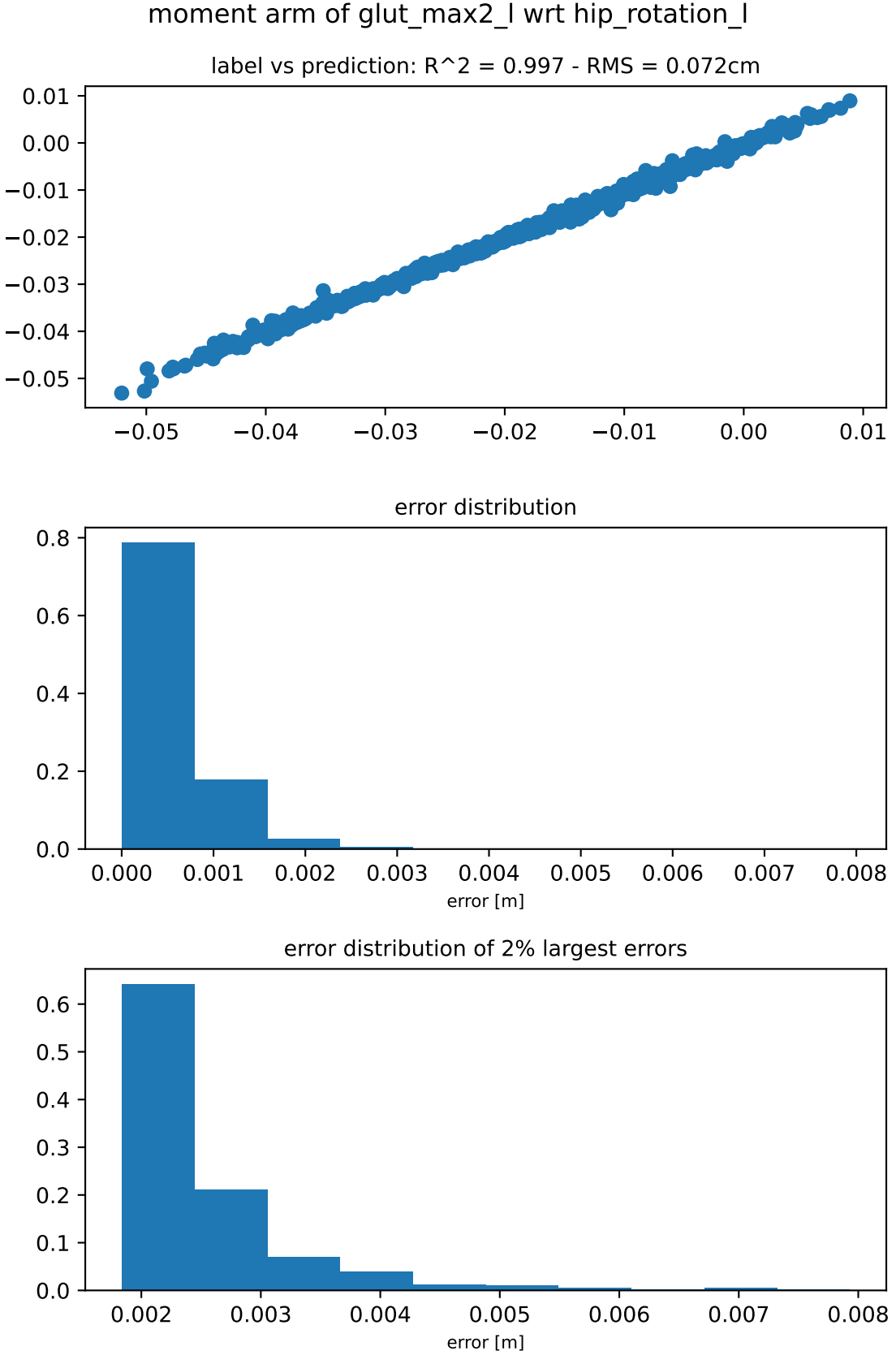

moment arm of glut_max1_l wrt hip_adduction_l
label vs prediction: R^2 = 0.997 - RMS = 0.049cm
−0.01
−0.02
−0.03
−0.04
−0.05
−0.05
−0.04
−0.03
−0.02
−0.01
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00125
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
error [m]

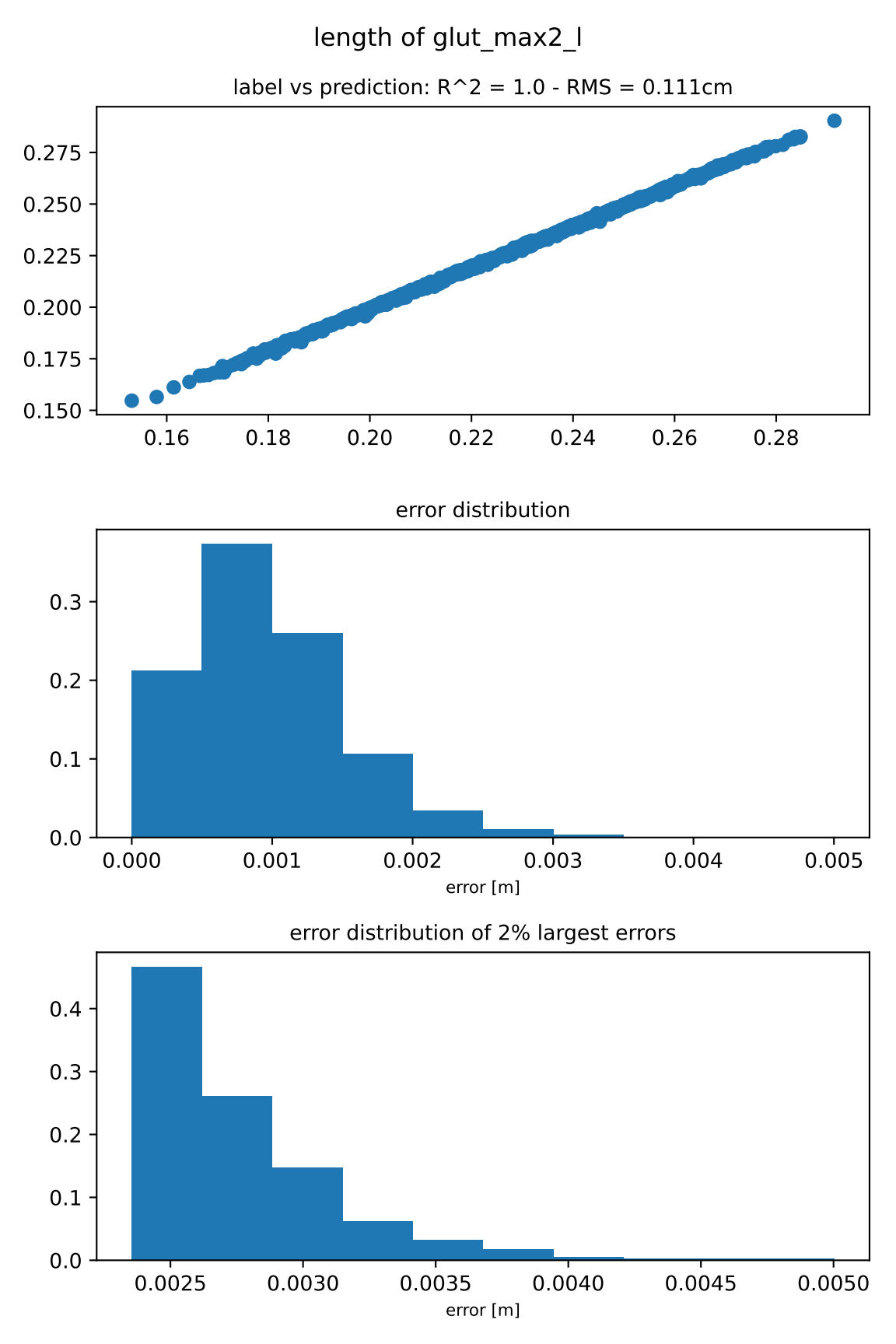

moment arm of glut_max1_l wrt hip_rotation_l
label vs prediction: R^2 = 0.999 - RMS = 0.052cm
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
error distribution
0.6
0.4
0.2
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

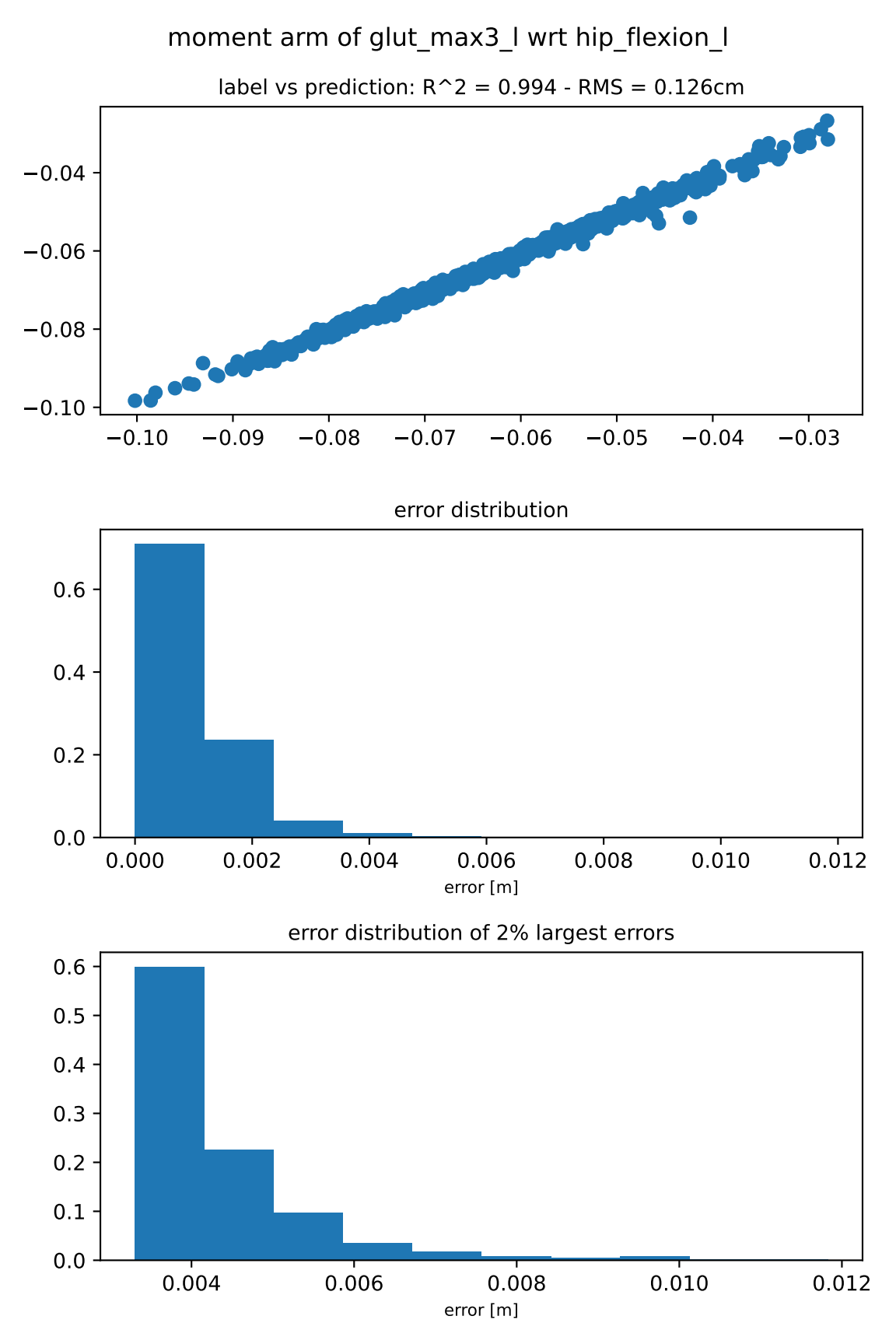

length of glut_max1_l
label vs prediction: R^2 = 0.999 - RMS = 0.058cm
0.275
0.250
0.225
0.200
0.175
0.150
0.16
0.18
0.20
0.22
0.24
0.26
0.28
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00125 0.00150 0.00175 0.00200 0.00225 0.00250 0.00275 0.00300 0.00325
error [m]

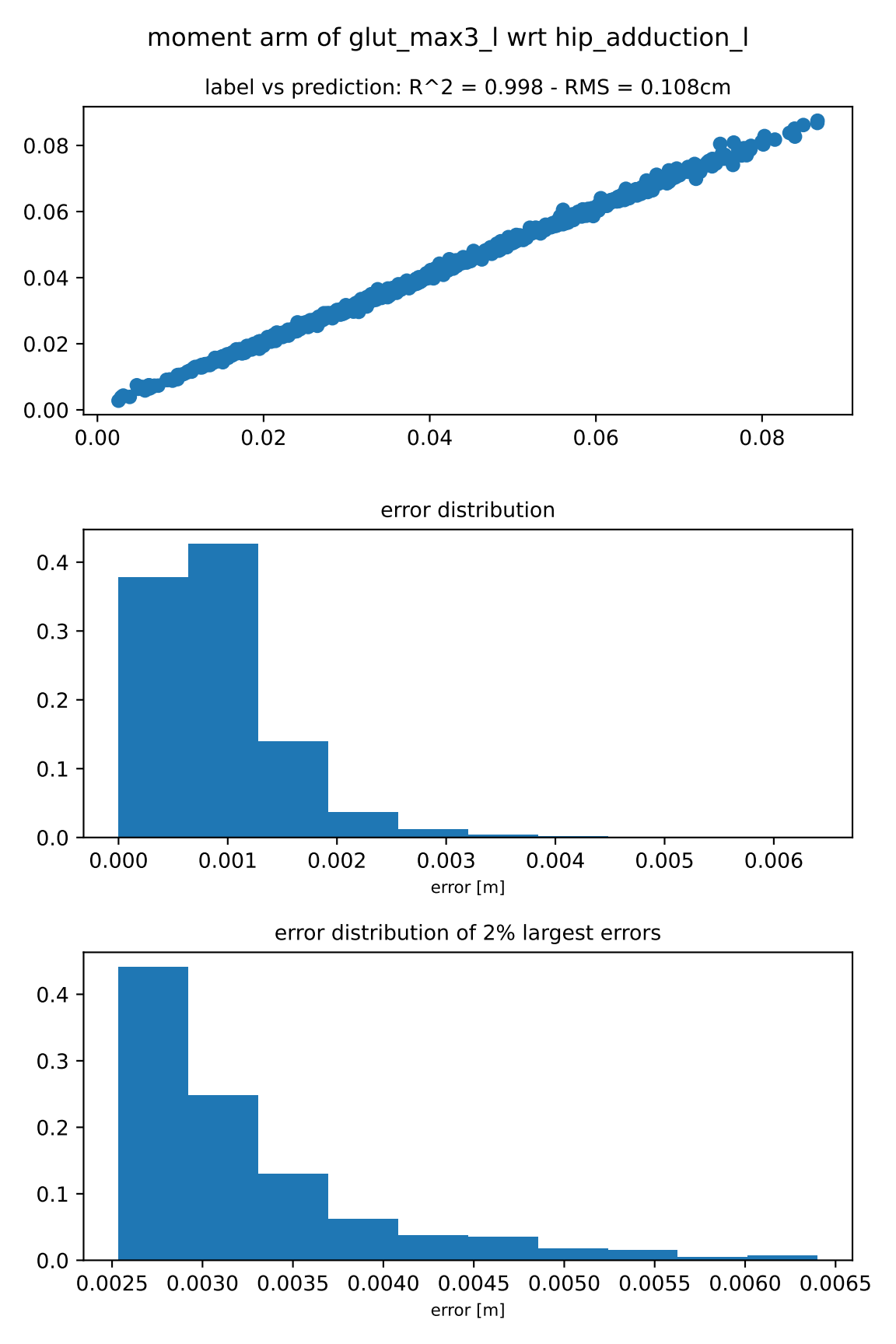

moment arm of glut_max2_l wrt hip_flexion_l
label vs prediction: R^2 = 0.996 - RMS = 0.086cm
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.07
−0.07
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.002
0.003
0.004
0.005
0.006
error [m]

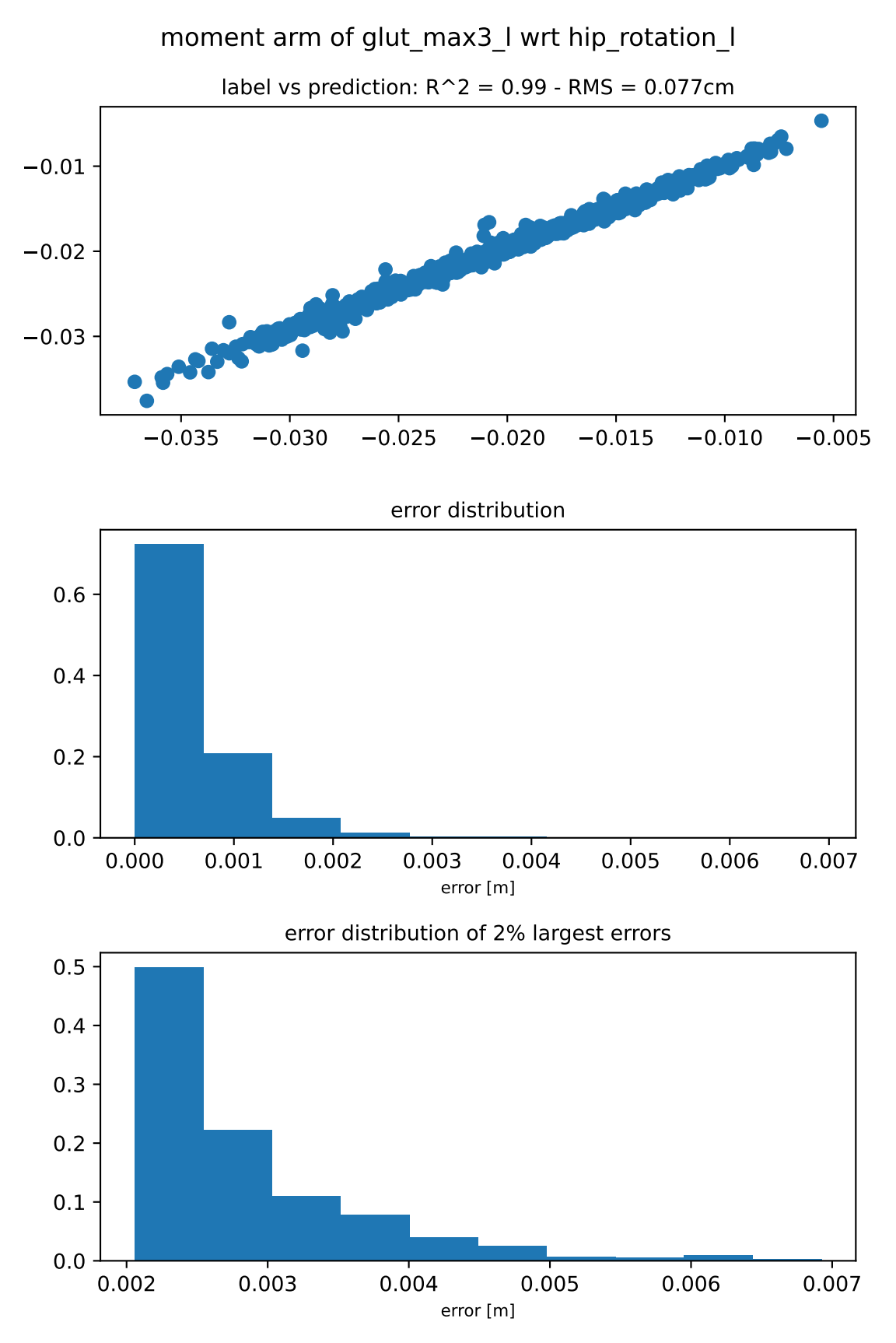

moment arm of glut_max2_l wrt hip_adduction_l
label vs prediction: R^2 = 0.996 - RMS = 0.074cm
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.04
−0.03
−0.02
−0.01
0.00
0.01
error distribution
0.6
0.4
0.2
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
0.008
error [m]
error distribution of 2% largest errors
0.6
0.4
0.2
0.0
0.002
0.003
0.004
0.005
0.006
0.007
0.008
error [m]

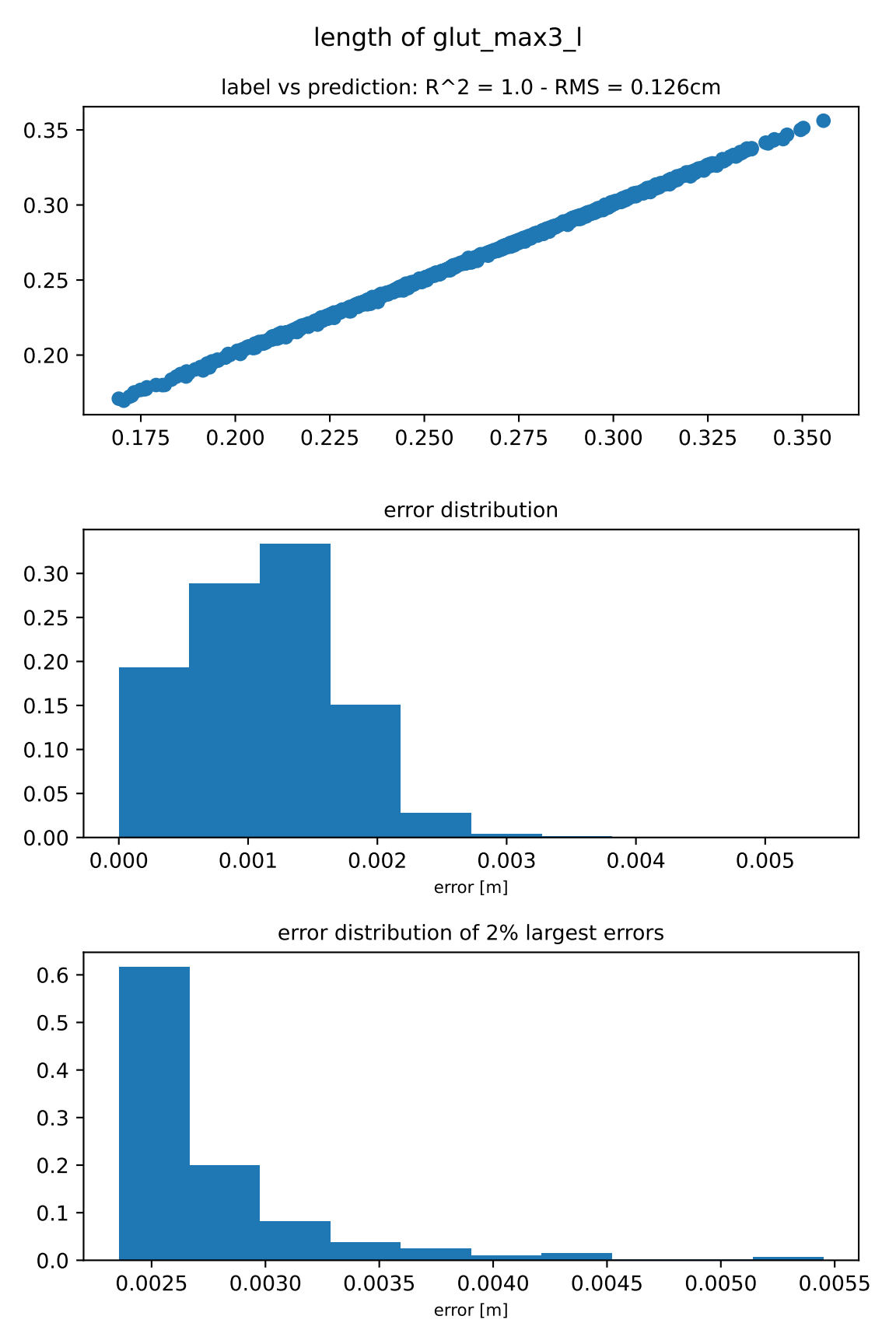

moment arm of glut_max2_l wrt hip_rotation_l
label vs prediction: R^2 = 0.997 - RMS = 0.072cm
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.05
−0.05
−0.04
−0.03
−0.02
−0.01
0.00
0.01
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
0.008
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.002
0.003
0.004
0.005
0.006
0.007
0.008
error [m]

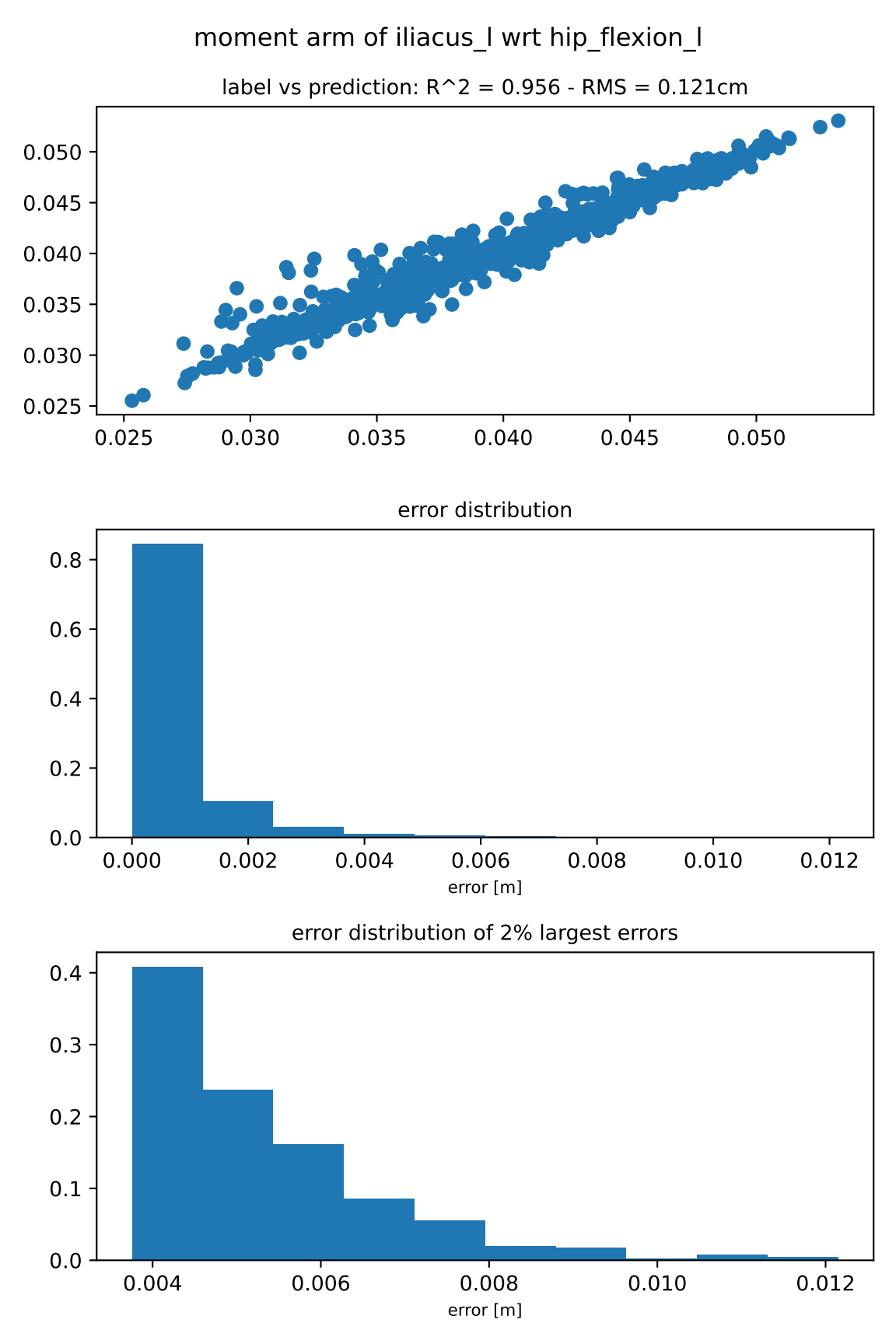

length of glut_max2_l
label vs prediction: R^2 = 1.0 - RMS = 0.111cm
0.275
0.250
0.225
0.200
0.175
0.150
0.16
0.18
0.20
0.22
0.24
0.26
0.28
error distribution
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

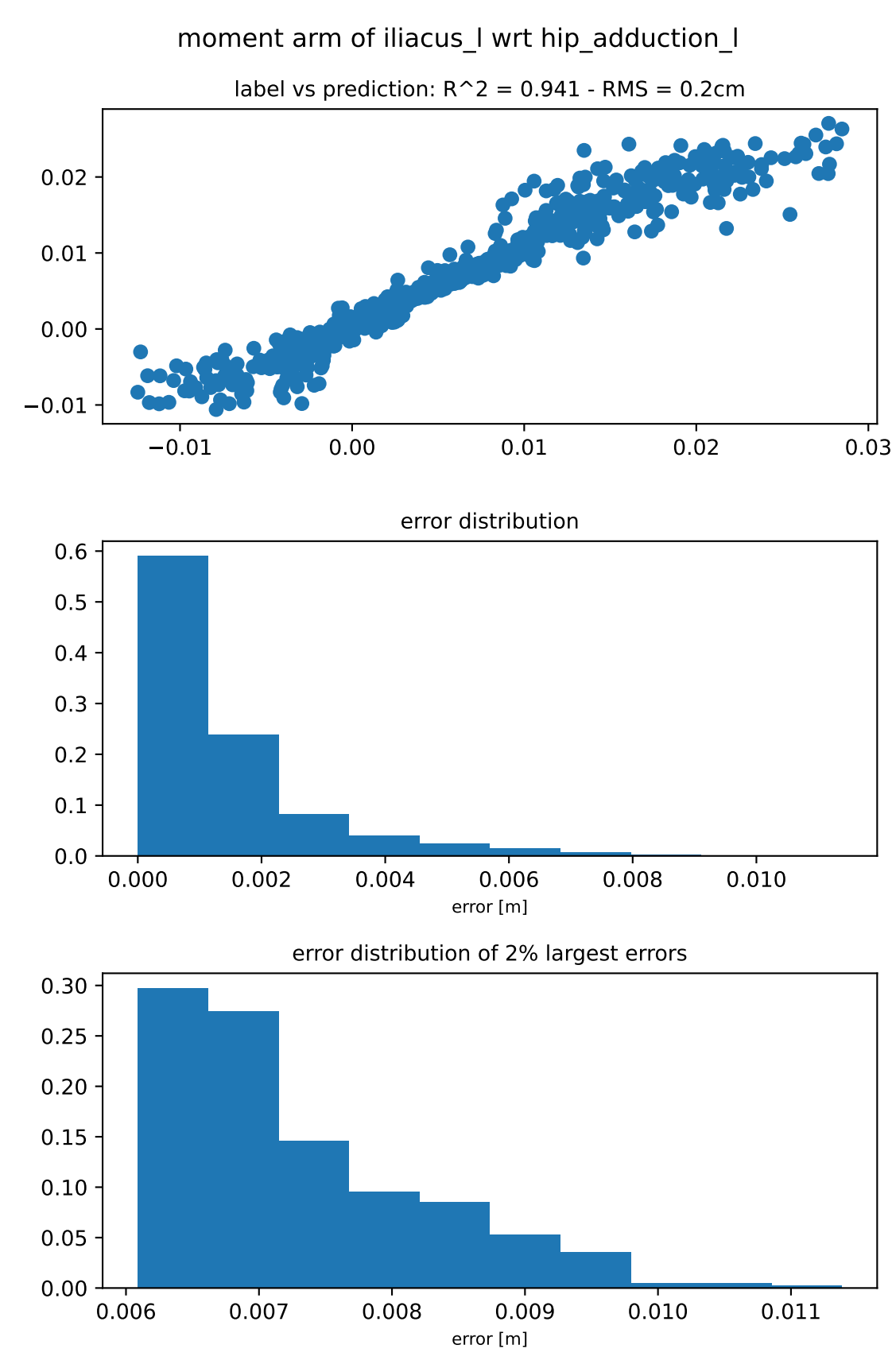

moment arm of glut_max3_l wrt hip_flexion_l
label vs prediction: R^2 = 0.994 - RMS = 0.126cm
−0.04
−0.06
−0.08
−0.10
−0.10
−0.09
−0.08
−0.07
−0.06
−0.05
−0.04
−0.03
error distribution
0.6
0.4
0.2
0.0
0.000
0.002
0.004
0.006
0.008
0.010
0.012
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.004
0.006
0.008
0.010
0.012
error [m]

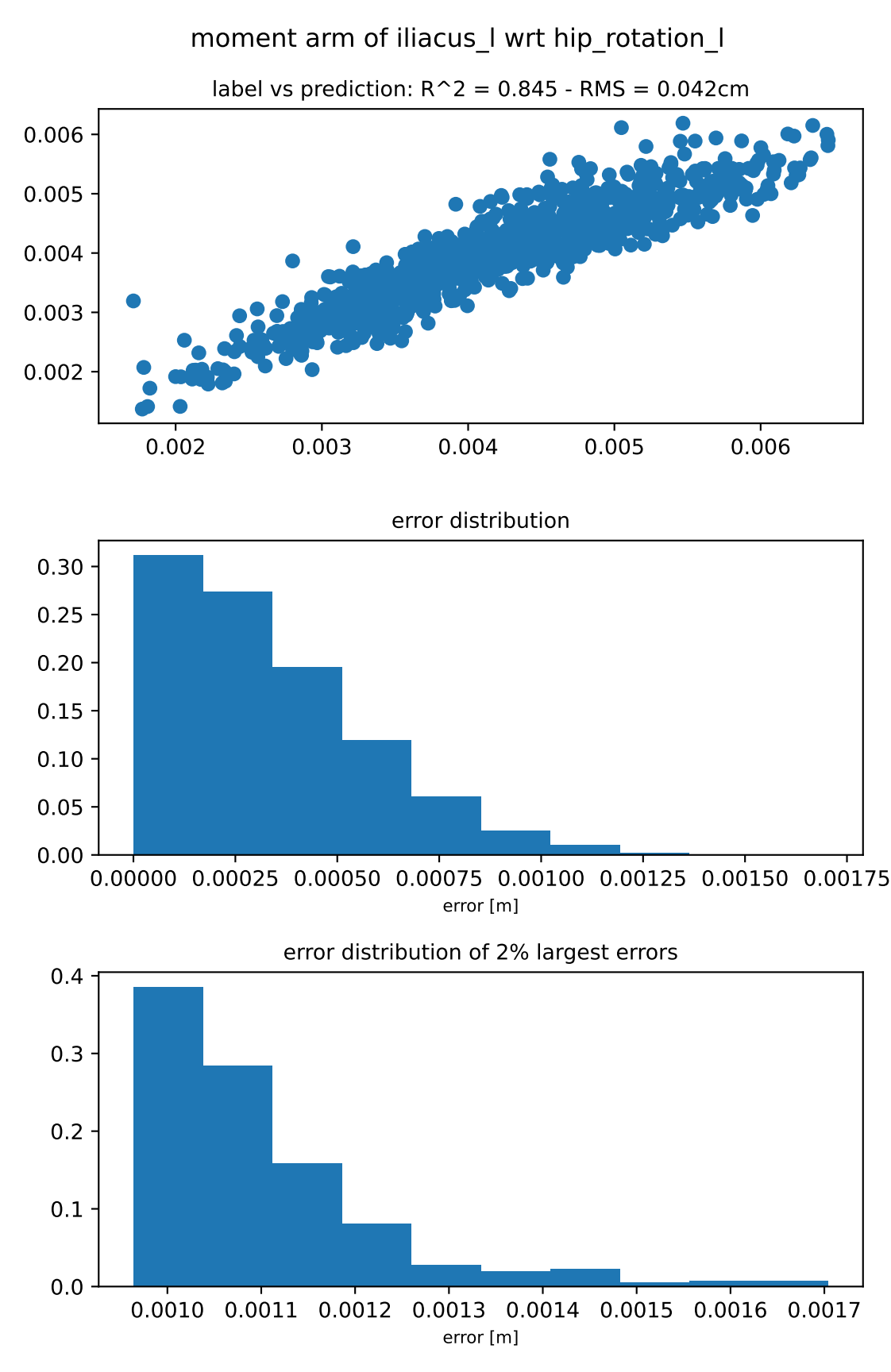

moment arm of glut_max3_l wrt hip_adduction_l
label vs prediction: R^2 = 0.998 - RMS = 0.108cm
0.08
0.06
0.04
0.02
0.00
0.00
0.02
0.04
0.06
0.08
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
0.0055
0.0060
0.0065
error [m]

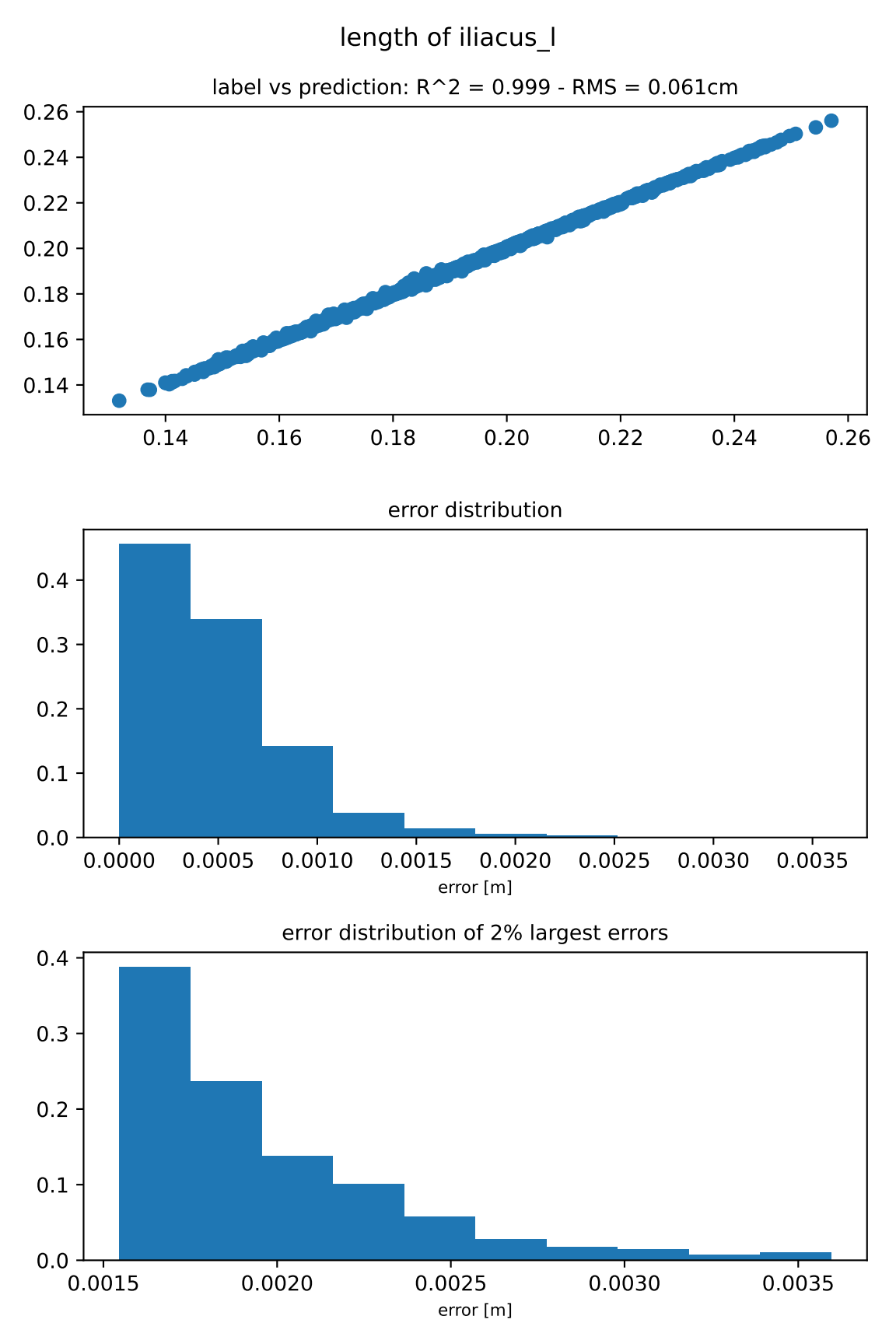

moment arm of glut_max3_l wrt hip_rotation_l
label vs prediction: R^2 = 0.99 - RMS = 0.077cm
−0.01
−0.02
−0.03
−0.035
−0.030
−0.025
−0.020
−0.015
−0.010
−0.005
error distribution
0.6
0.4
0.2
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.002
0.003
0.004
0.005
0.006
0.007
error [m]

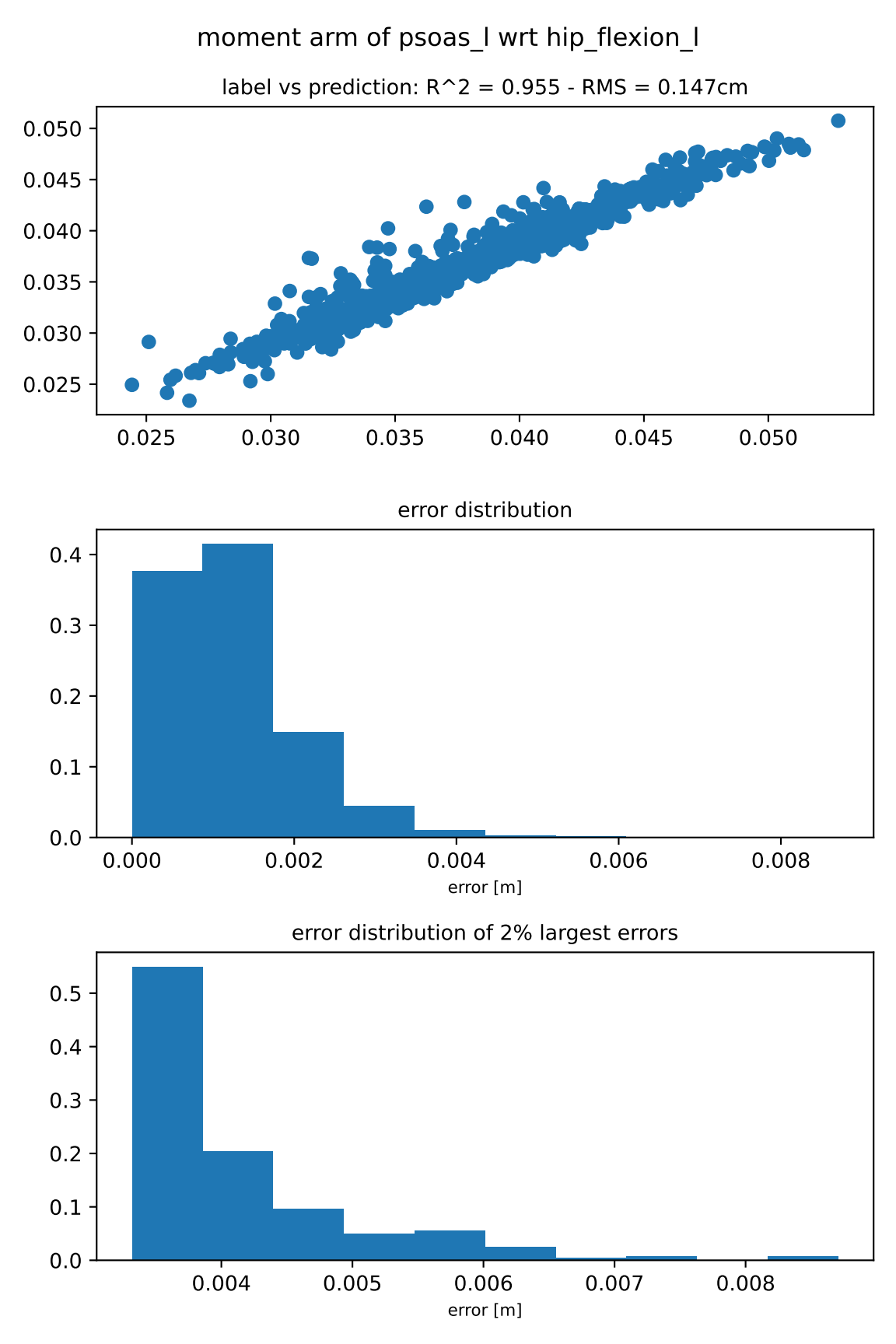

length of glut_max3_l
label vs prediction: R^2 = 1.0 - RMS = 0.126cm
0.35
0.30
0.25
0.20
0.175
0.200
0.225
0.250
0.275
0.300
0.325
0.350
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
0.0055
error [m]

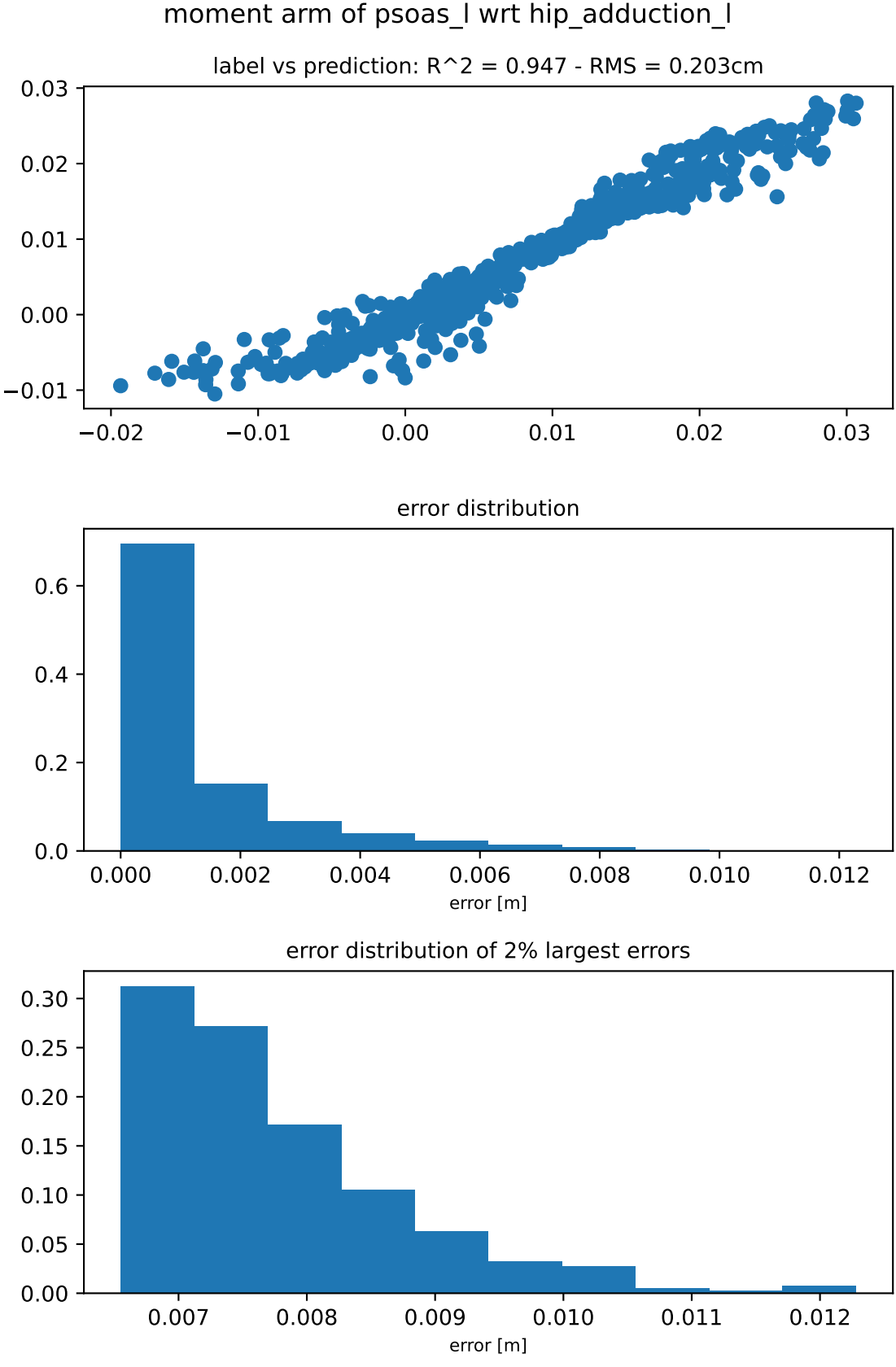

moment arm of iliacus_l wrt hip_flexion_l
label vs prediction: R^2 = 0.956 - RMS = 0.121cm
0.050
0.045
0.040
0.035
0.030
0.025
0.025
0.030
0.035
0.040
0.045
0.050
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.002
0.004
0.006
0.008
0.010
0.012
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.004
0.006
0.008
0.010
0.012
error [m]

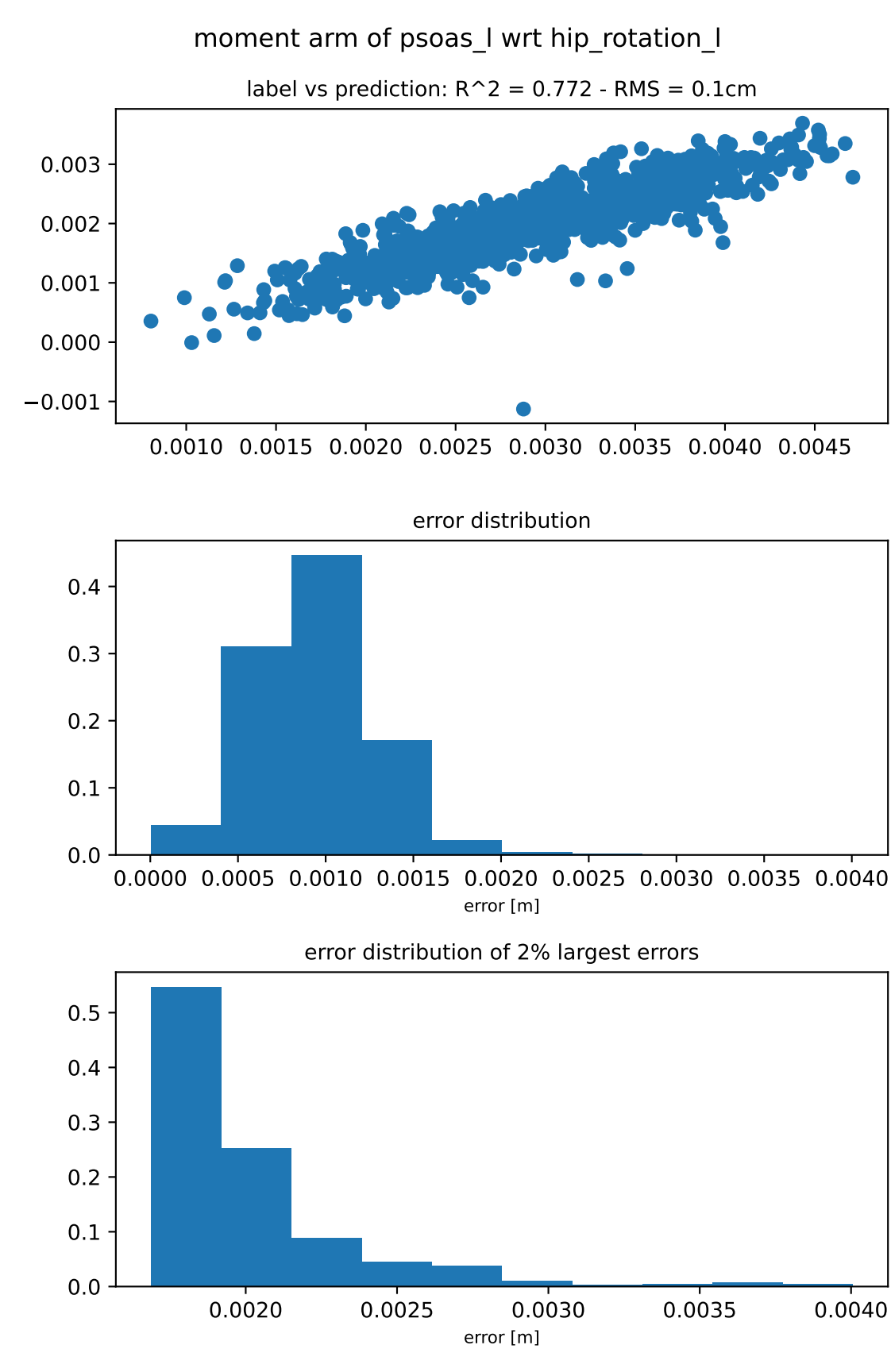

moment arm of iliacus_l wrt hip_adduction_l
label vs prediction: R^2 = 0.941 - RMS = 0.2cm
0.02
0.01
0.00
−0.01
−0.01
0.00
0.01
0.02
0.03
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.002
0.004
0.006
0.008
0.010
error [m]
error distribution of 2% largest errors
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.006
0.007
0.008
0.009
0.010
0.011
error [m]

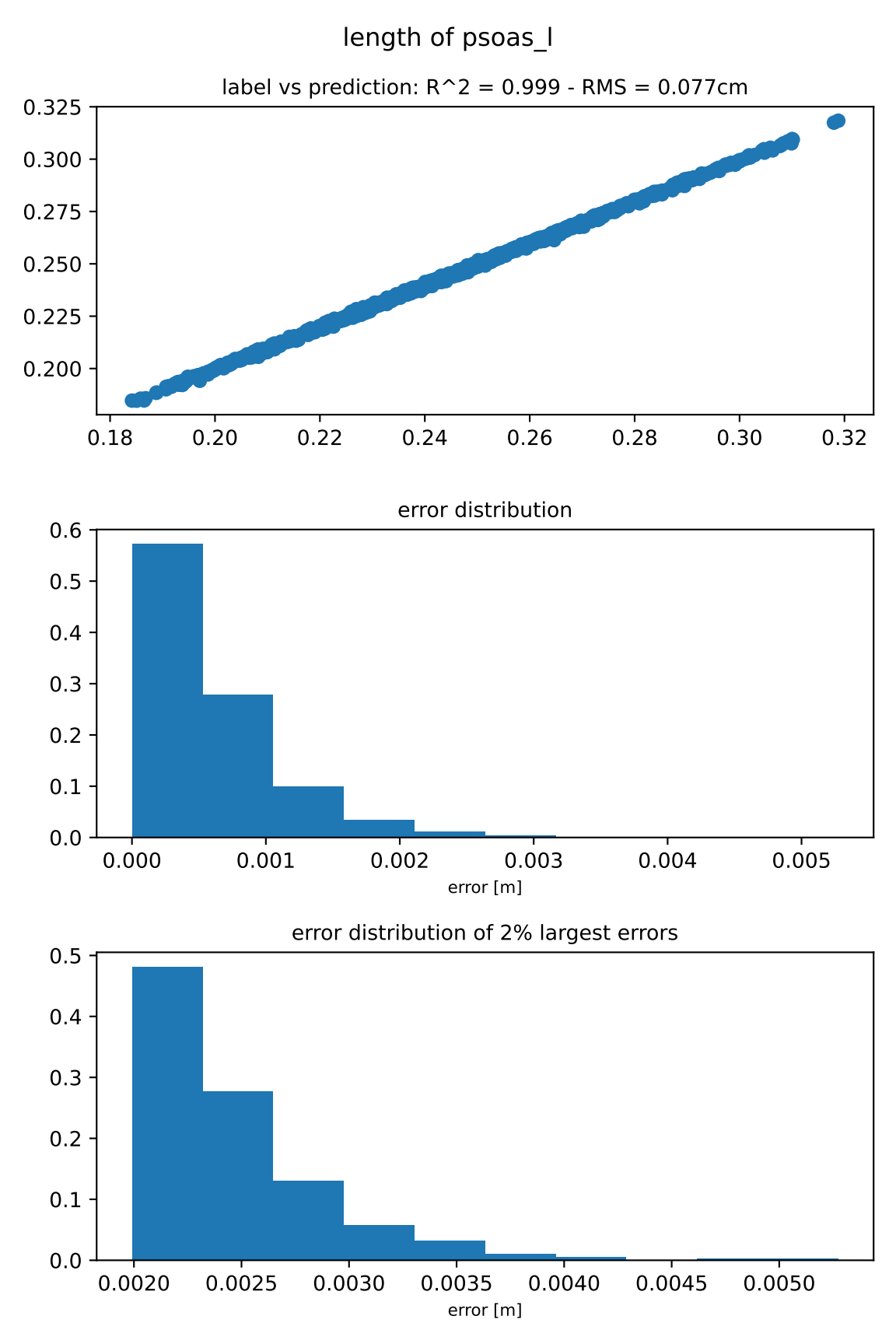

moment arm of iliacus_l wrt hip_rotation_l
label vs prediction: R^2 = 0.845 - RMS = 0.042cm
0.006
0.005
0.004
0.003
0.002
0.002
0.003
0.004
0.005
0.006
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00000
0.00025
0.00050
0.00075
0.00100
0.00125
0.00150
0.00175
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0010
0.0011
0.0012
0.0013
0.0014
0.0015
0.0016
0.0017
error [m]

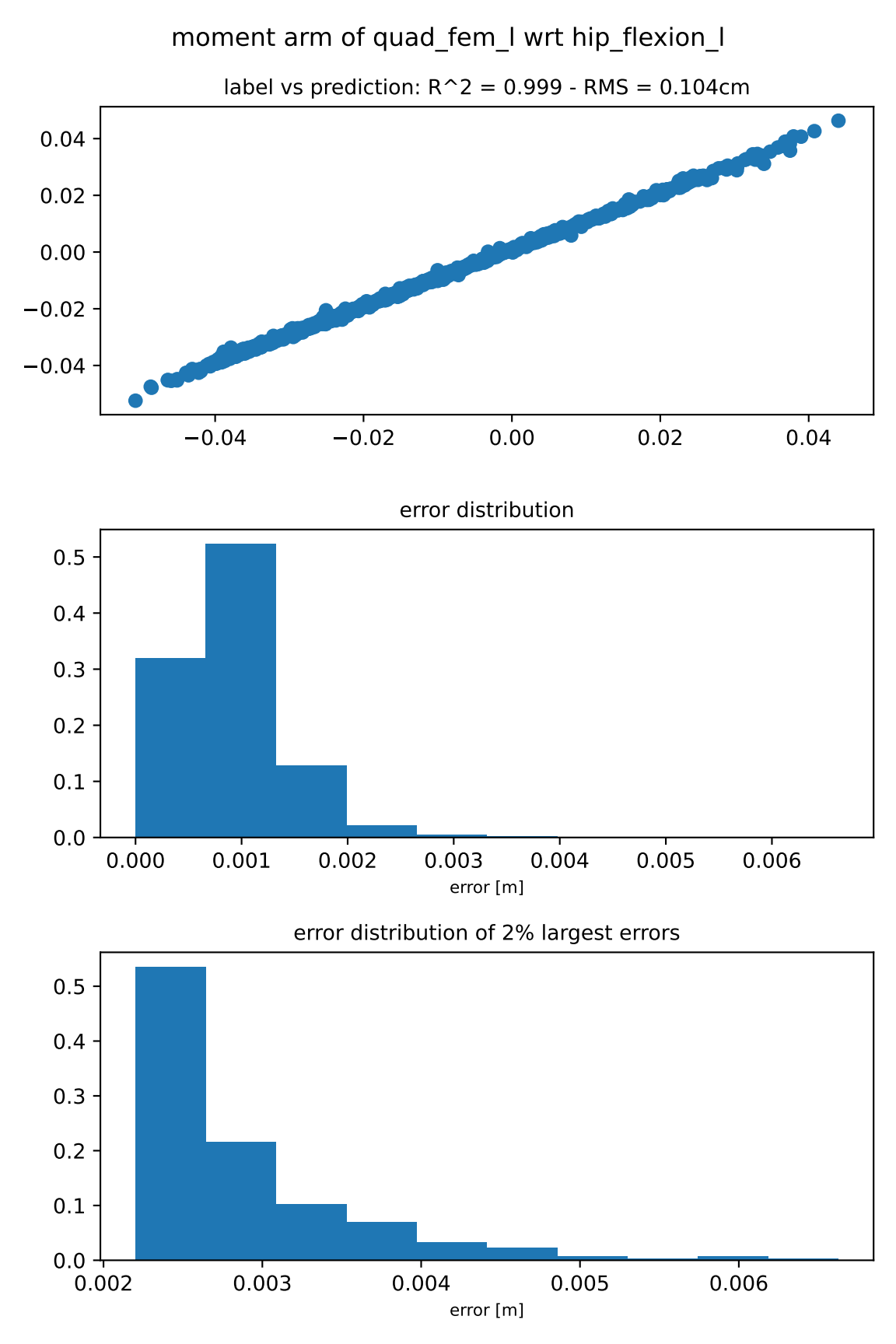

length of iliacus_l
label vs prediction: R^2 = 0.999 - RMS = 0.061cm
0.26
0.24
0.22
0.20
0.18
0.16
0.14
0.14
0.16
0.18
0.20
0.22
0.24
0.26
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]

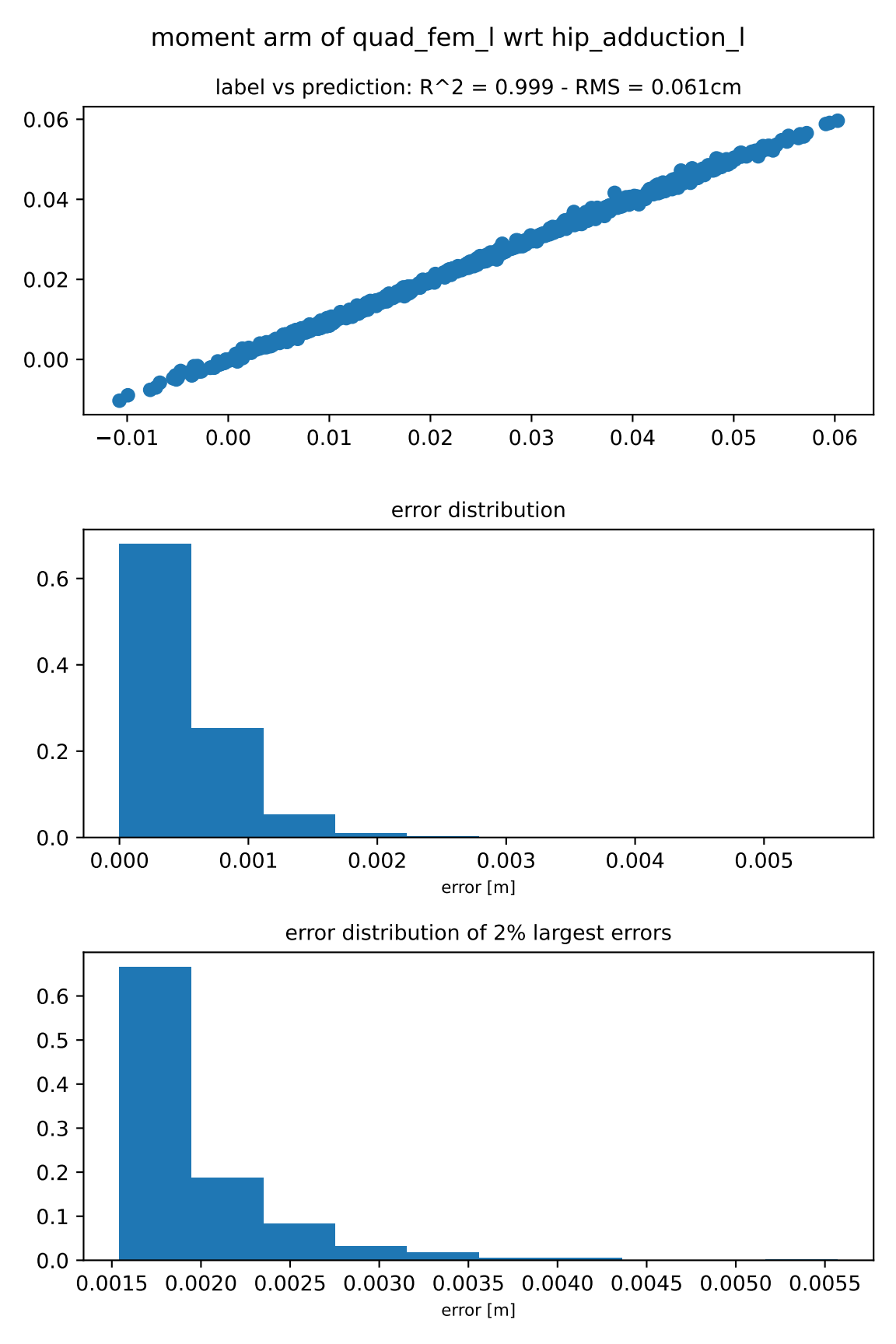

moment arm of psoas_l wrt hip_flexion_l
label vs prediction: R^2 = 0.955 - RMS = 0.147cm
0.050
0.045
0.040
0.035
0.030
0.025
0.025
0.030
0.035
0.040
0.045
0.050
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.002
0.004
0.006
0.008
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.004
0.005
0.006
0.007
0.008
error [m]

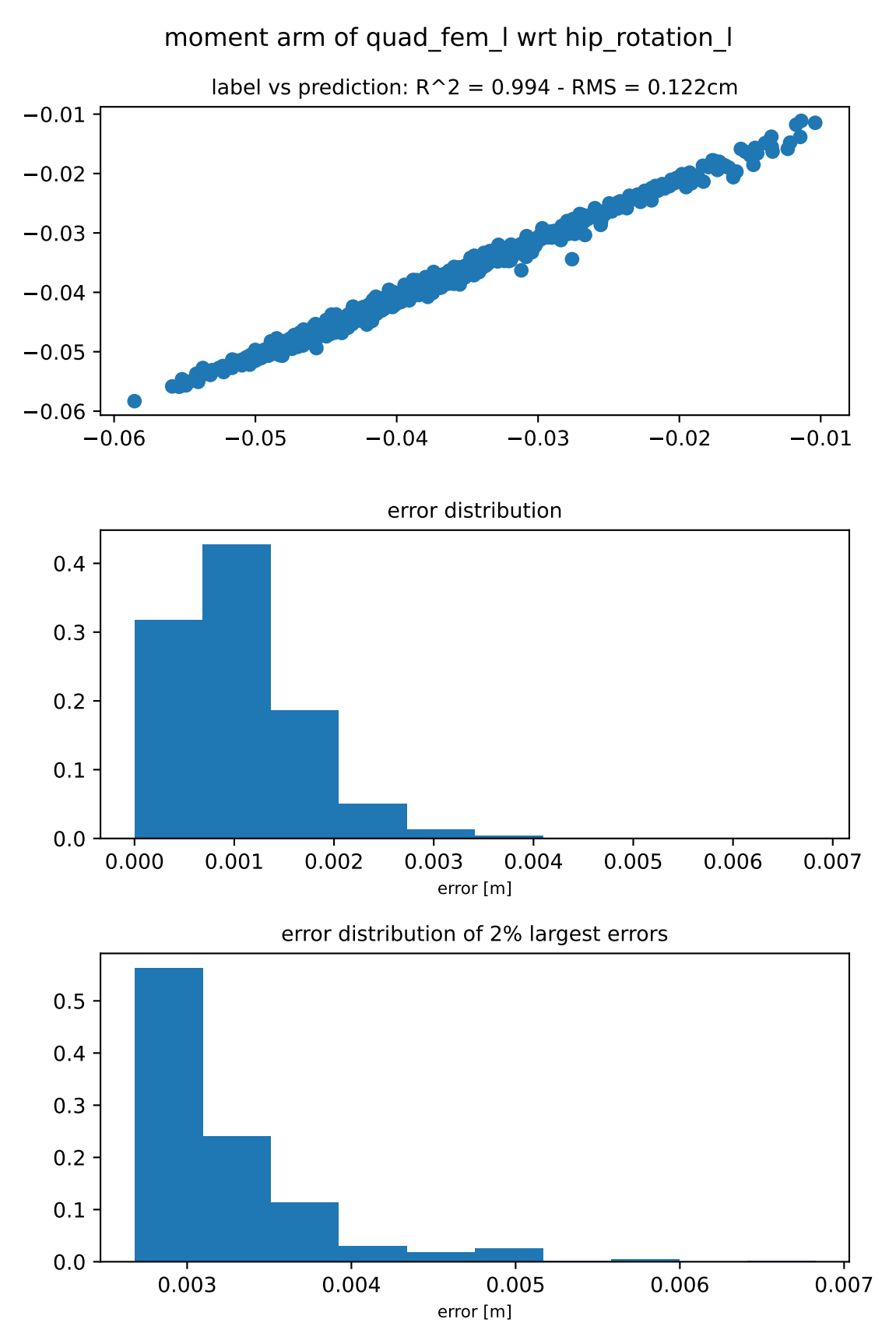

moment arm of psoas_l wrt hip_adduction_l
label vs prediction: R^2 = 0.947 - RMS = 0.203cm
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.01
0.00
0.01
0.02
0.03
error distribution
0.6
0.4
0.2
0.0
0.000
0.002
0.004
0.006
0.008
0.010
0.012
error [m]
error distribution of 2% largest errors
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.007
0.008
0.009
0.010
0.011
0.012
error [m]

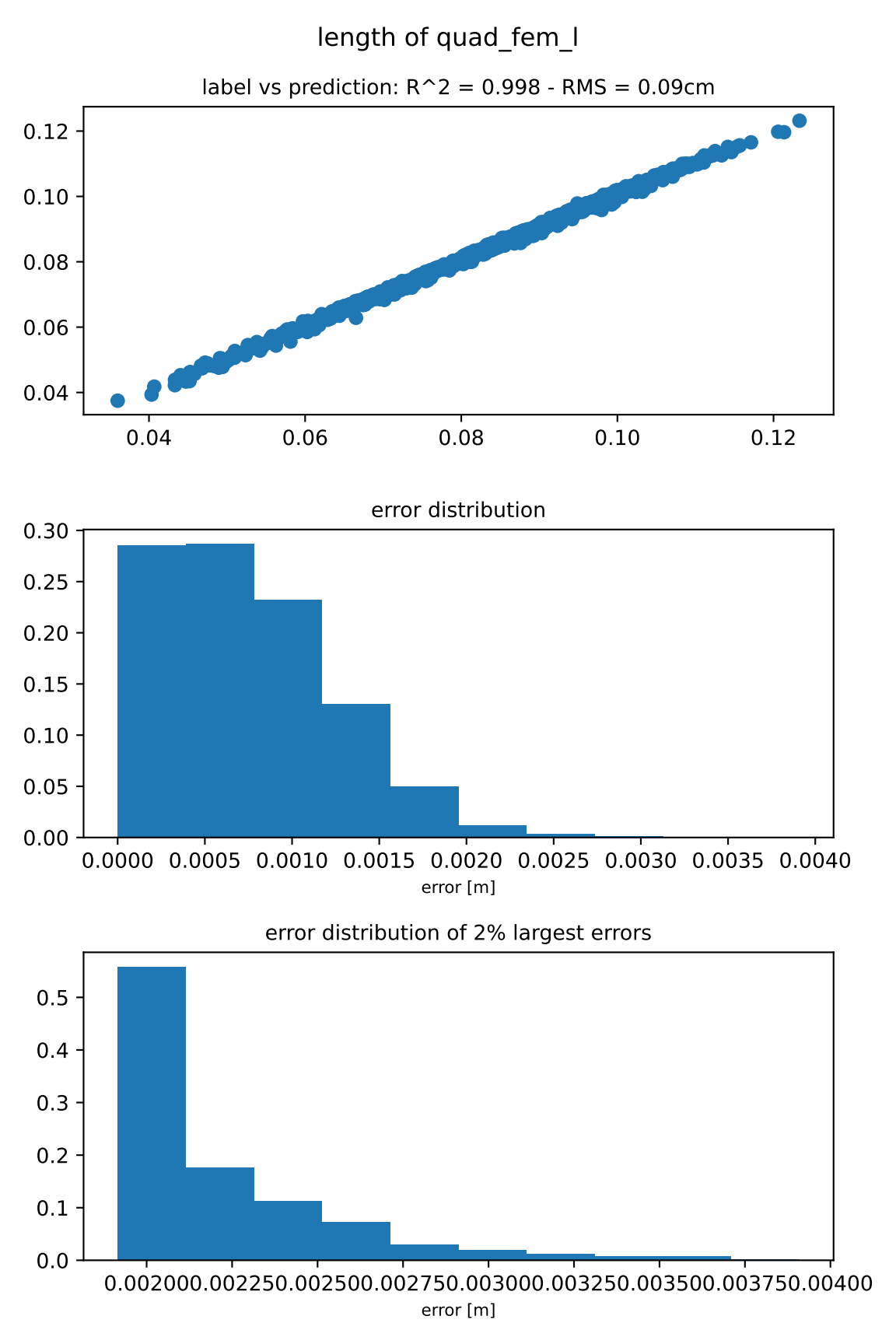

moment arm of psoas_l wrt hip_rotation_l
label vs prediction: R^2 = 0.772 - RMS = 0.1cm
0.003
0.002
0.001
0.000
−0.001
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]

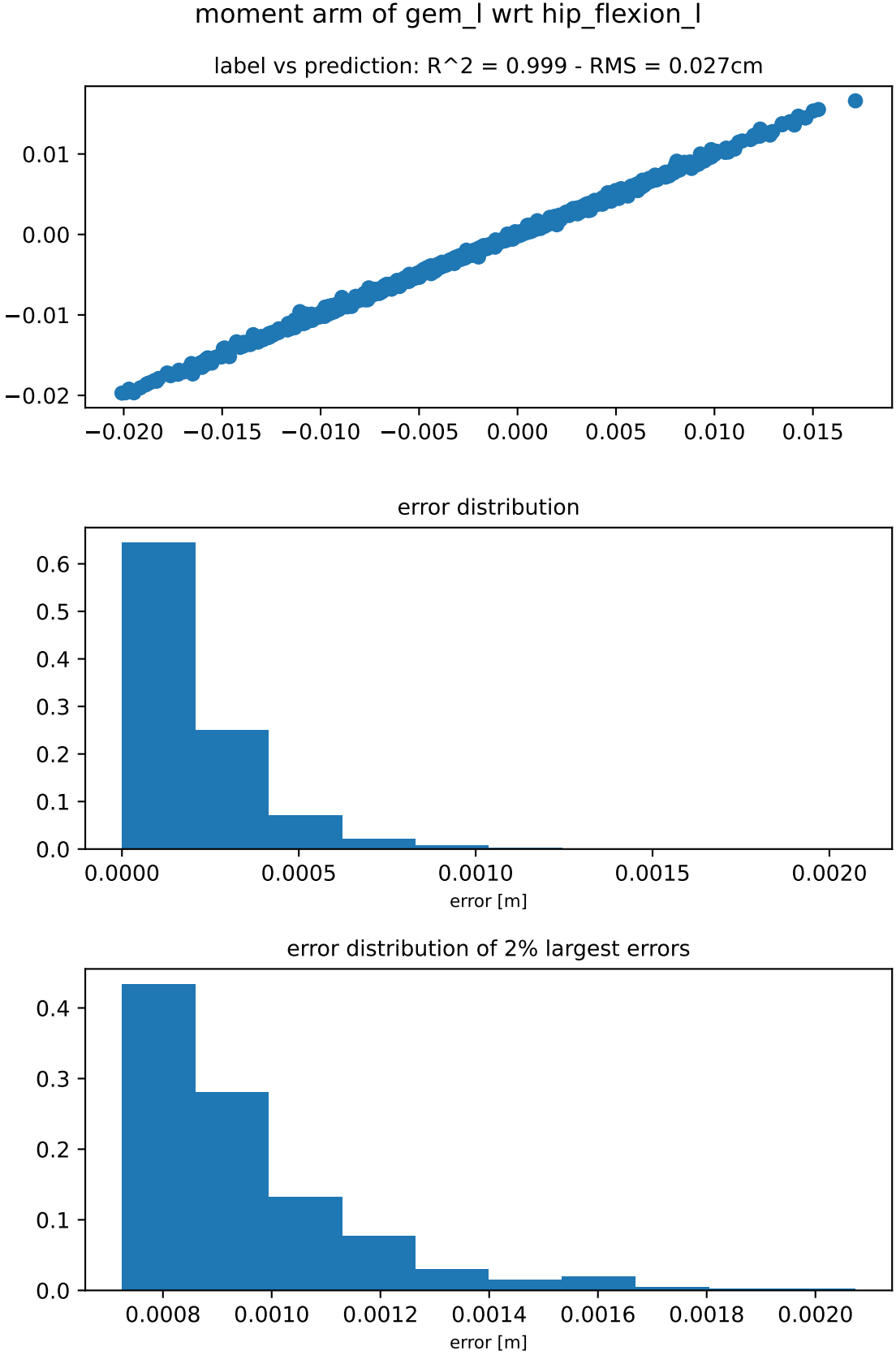

length of psoas_l
label vs prediction: R^2 = 0.999 - RMS = 0.077cm
0.325
0.300
0.275
0.250
0.225
0.200
0.18
0.20
0.22
0.24
0.26
0.28
0.30
0.32
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

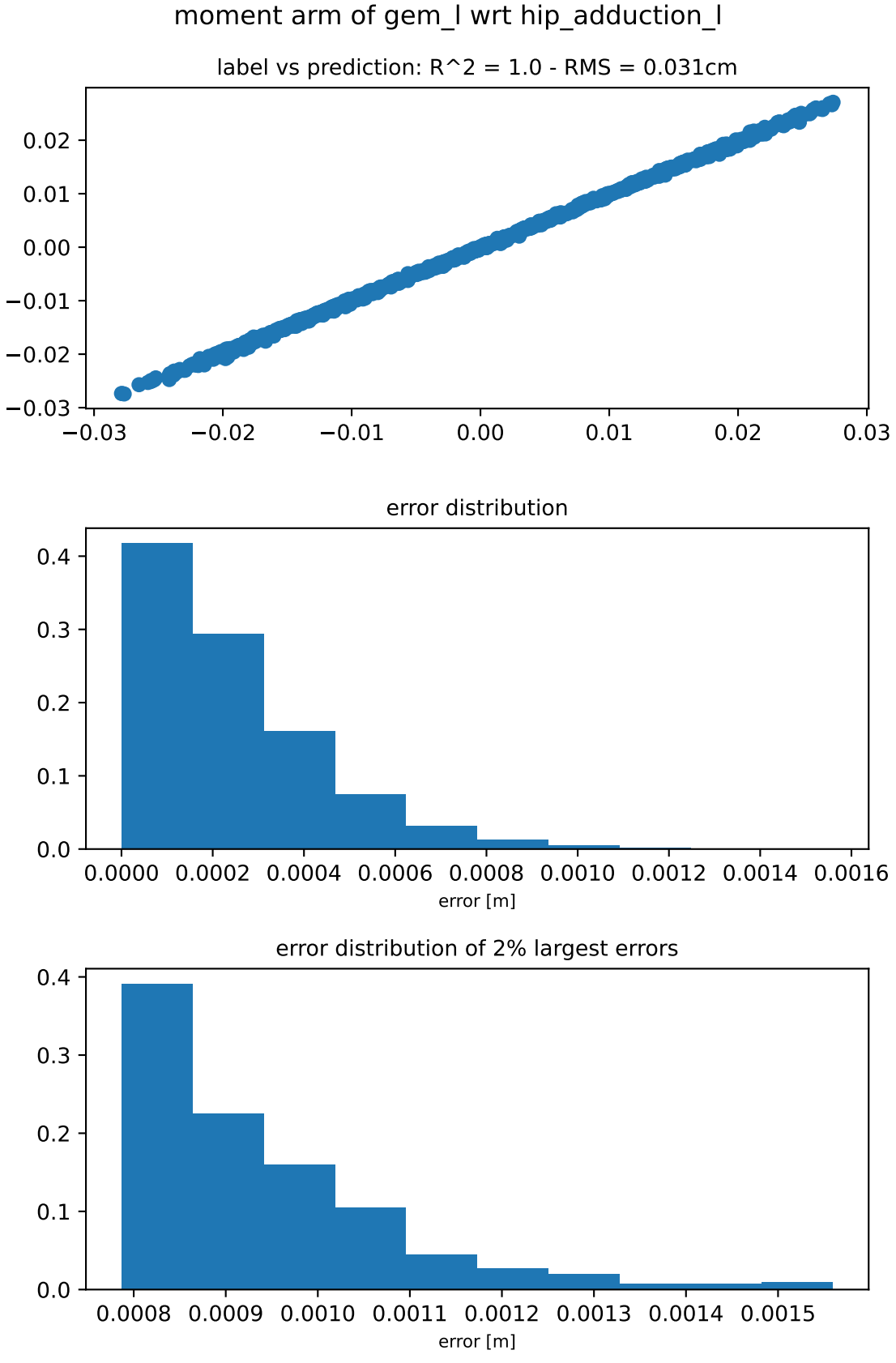

moment arm of quad_fem_l wrt hip_flexion_l
label vs prediction: R^2 = 0.999 - RMS = 0.104cm
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.002
0.003
0.004
0.005
0.006
error [m]

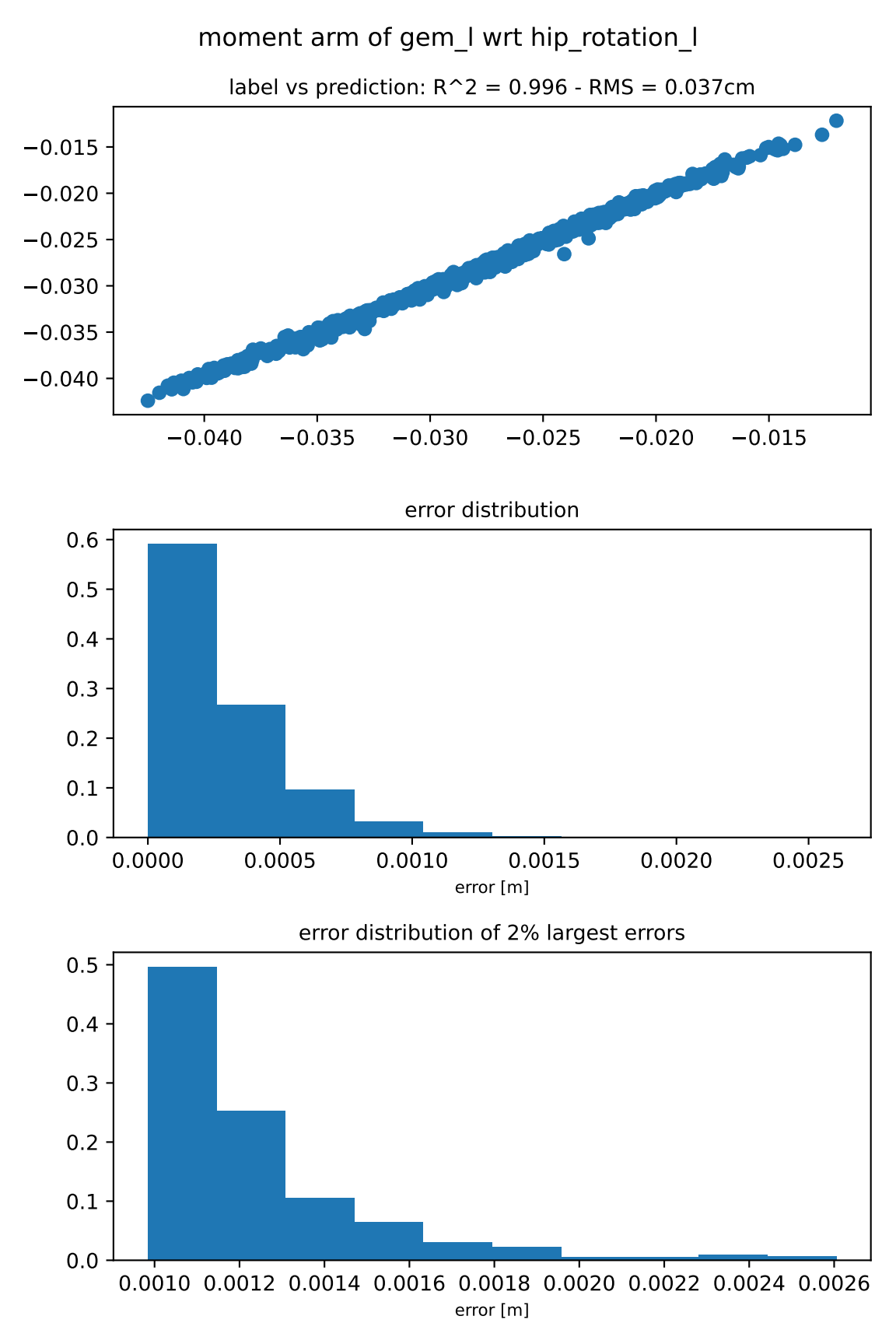

moment arm of quad_fem_l wrt hip_adduction_l
label vs prediction: R^2 = 0.999 - RMS = 0.061cm
0.06
0.04
0.02
0.00
−0.01
0.00
0.01
0.02
0.03
0.04
0.05
0.06
error distribution
0.6
0.4
0.2
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
0.0055
error [m]

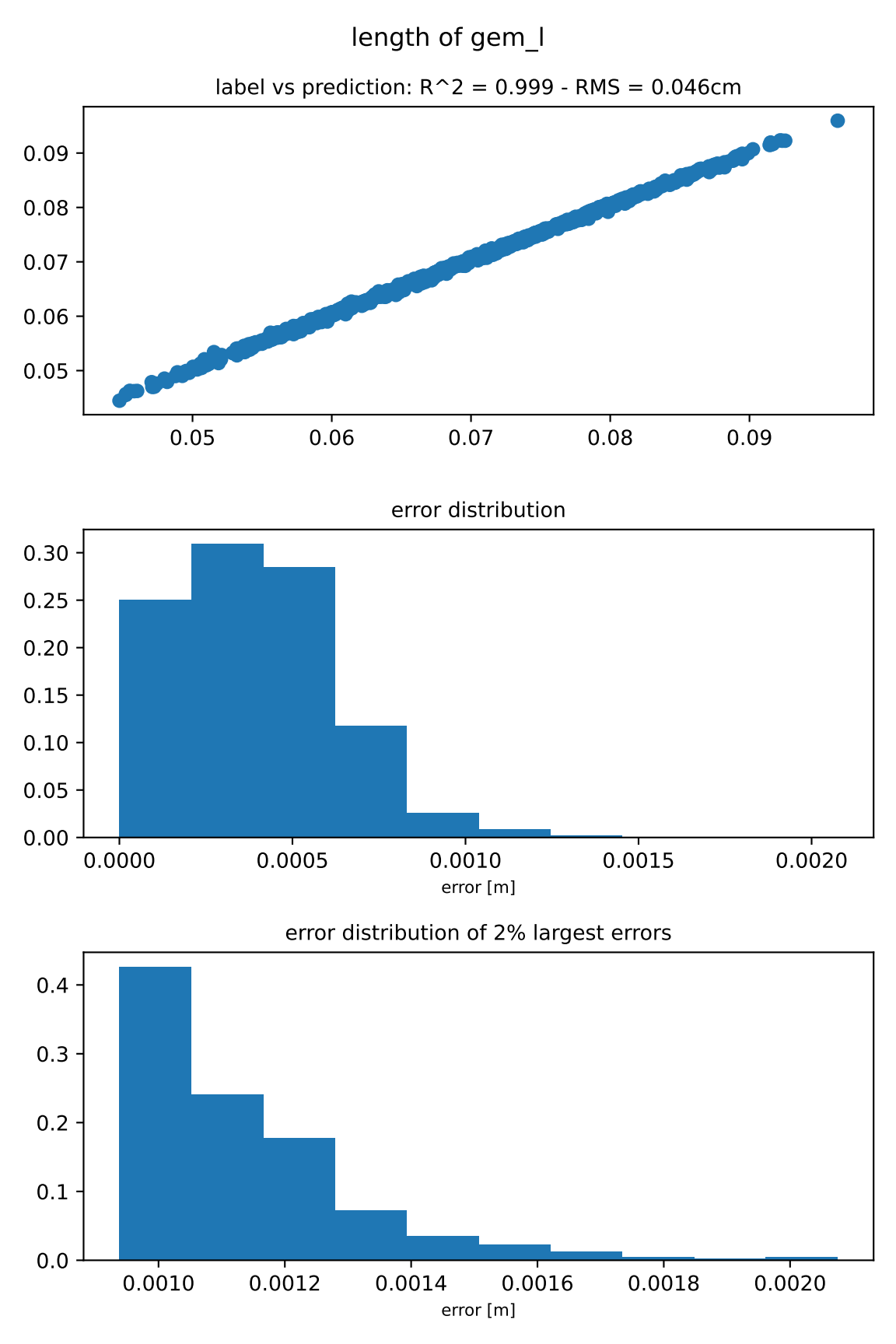

moment arm of quad_fem_l wrt hip_rotation_l
label vs prediction: R^2 = 0.994 - RMS = 0.122cm
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.003
0.004
0.005
0.006
0.007
error [m]

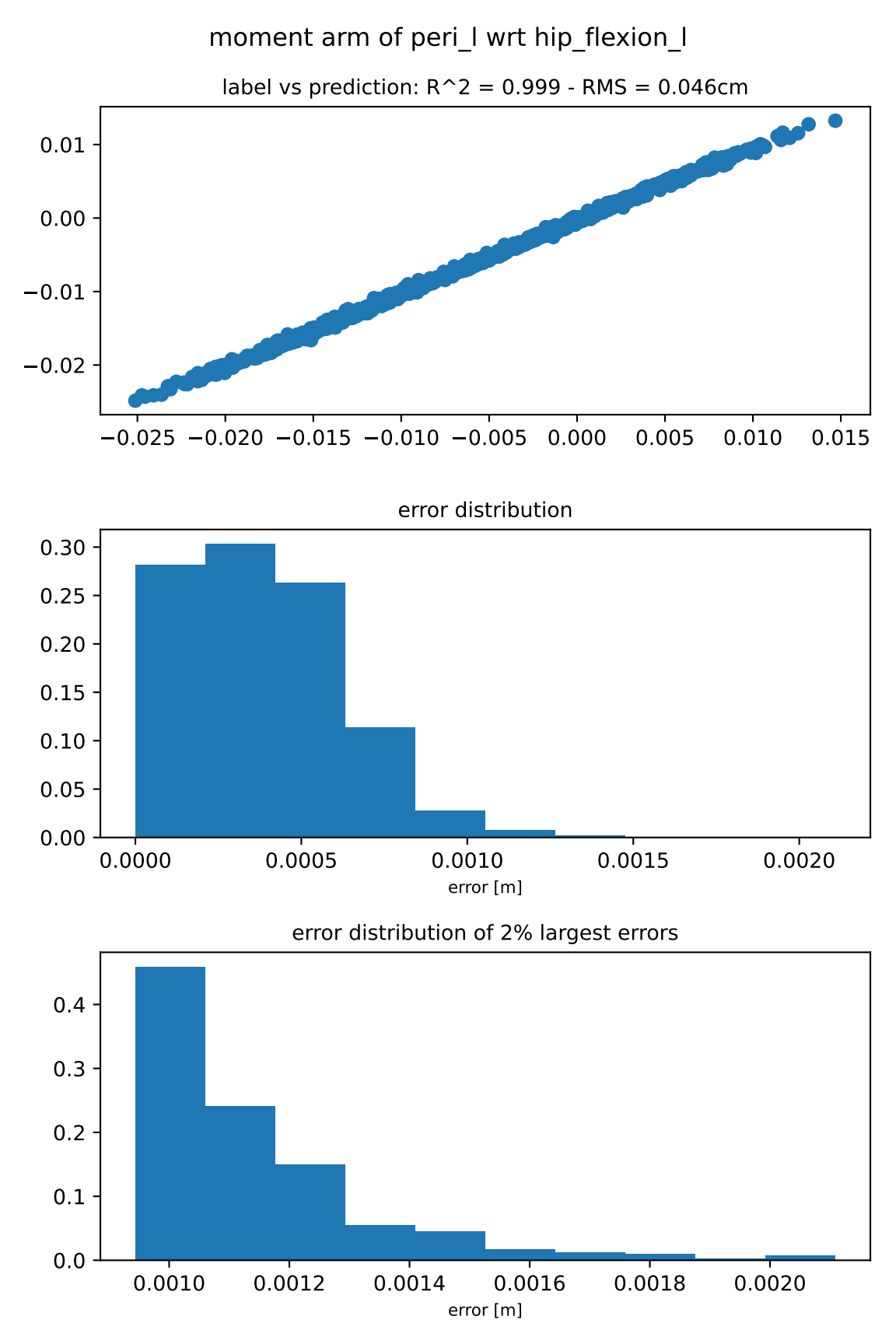

length of quad_fem_l
label vs prediction: R^2 = 0.998 - RMS = 0.09cm
0.12
0.10
0.08
0.06
0.04
0.04
0.06
0.08
0.10
0.12
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.00200
0.00225
0.00250
0.00275
0.00300
0.00325
0.00350
0.00375
0.00400
error [m]

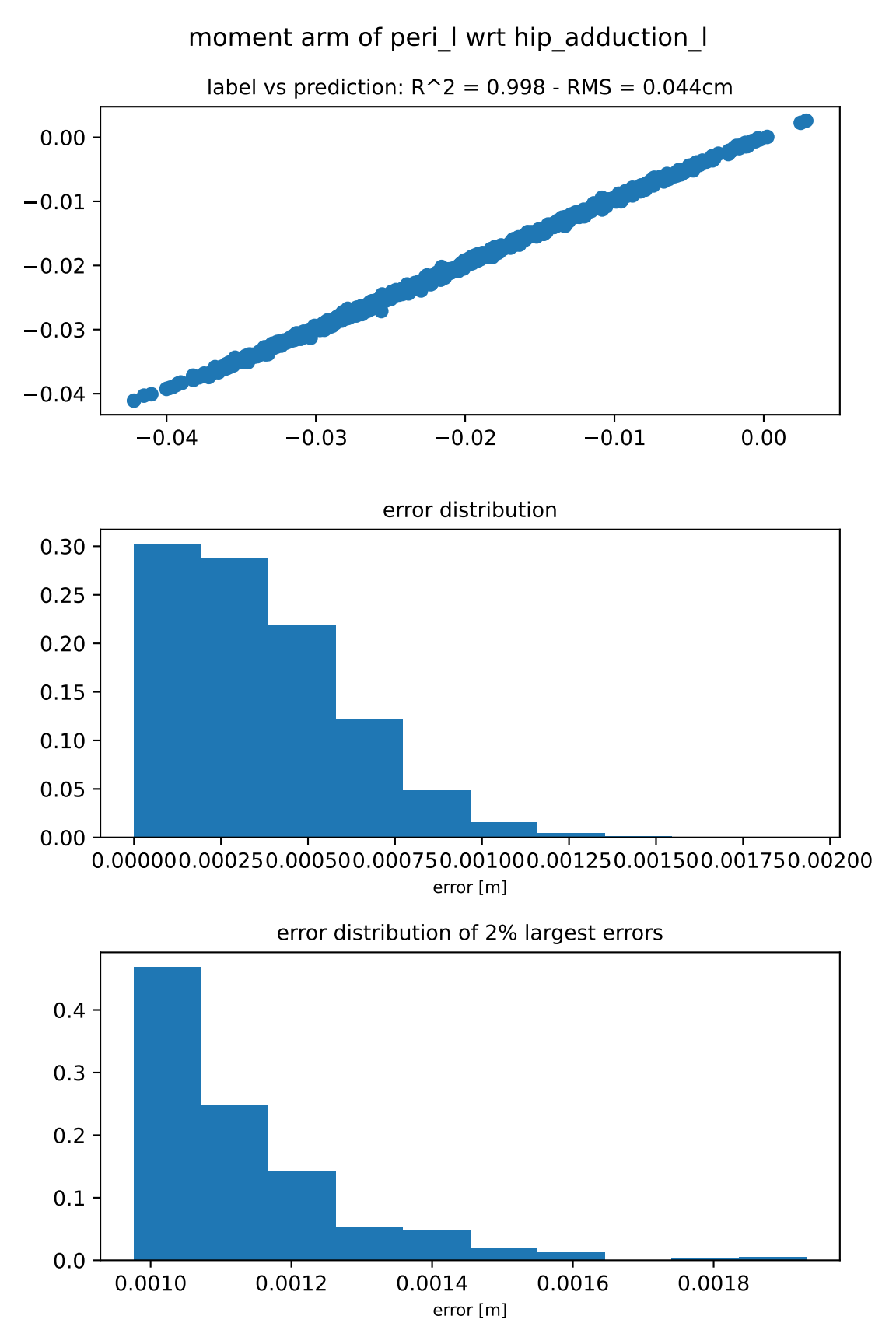

moment arm of gem_l wrt hip_flexion_l
label vs prediction: R^2 = 0.999 - RMS = 0.027cm
0.01
0.00
−0.01
−0.02
−0.020
−0.015
−0.010
−0.005
0.000
0.005
0.010
0.015
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0008
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
error [m]

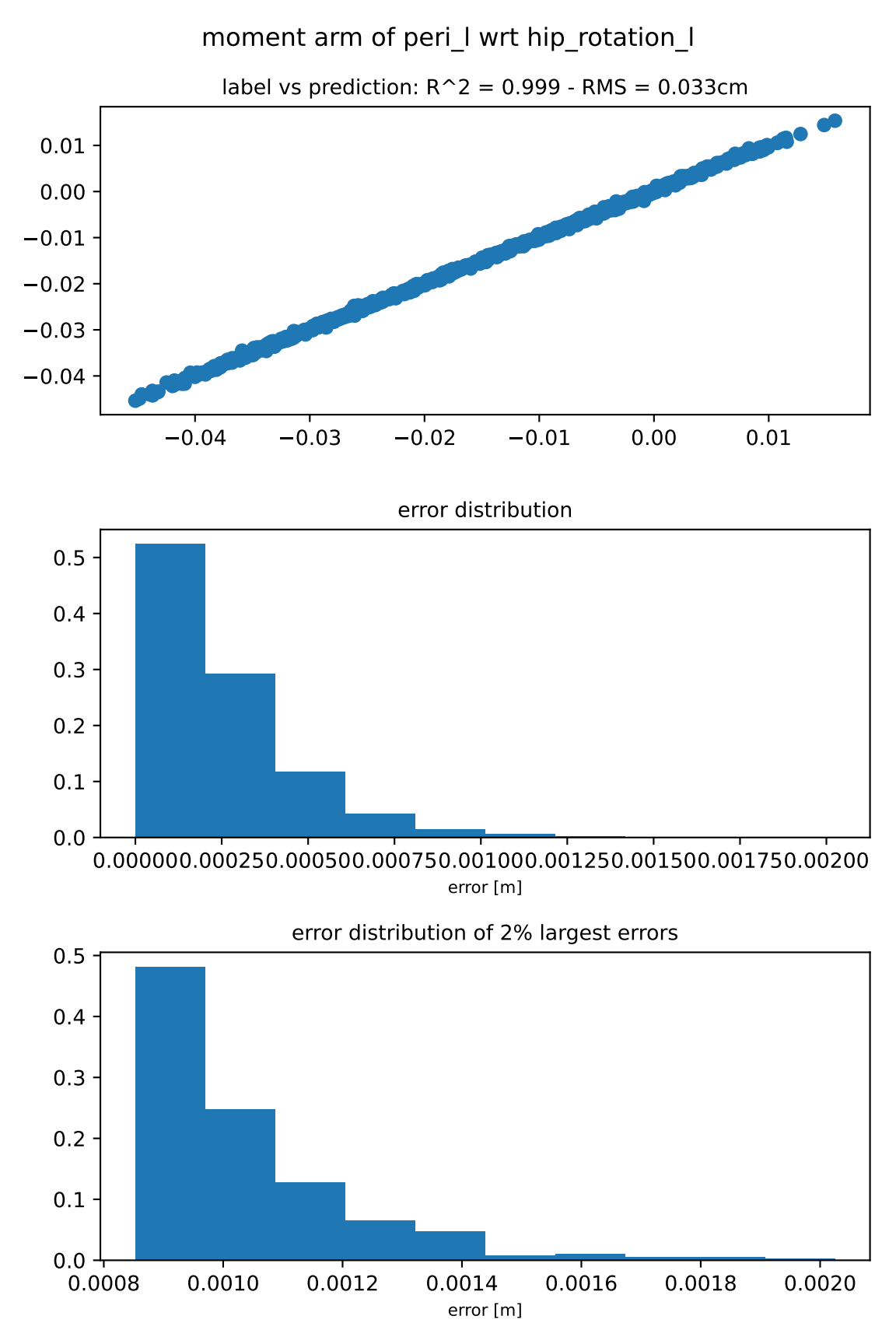

moment arm of gem_l wrt hip_adduction_l
label vs prediction: R^2 = 1.0 - RMS = 0.031cm
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.03
−0.02
−0.01
0.00
0.01
0.02
0.03
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
0.0014
0.0016
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0008
0.0009
0.0010
0.0011
0.0012
0.0013
0.0014
0.0015
error [m]

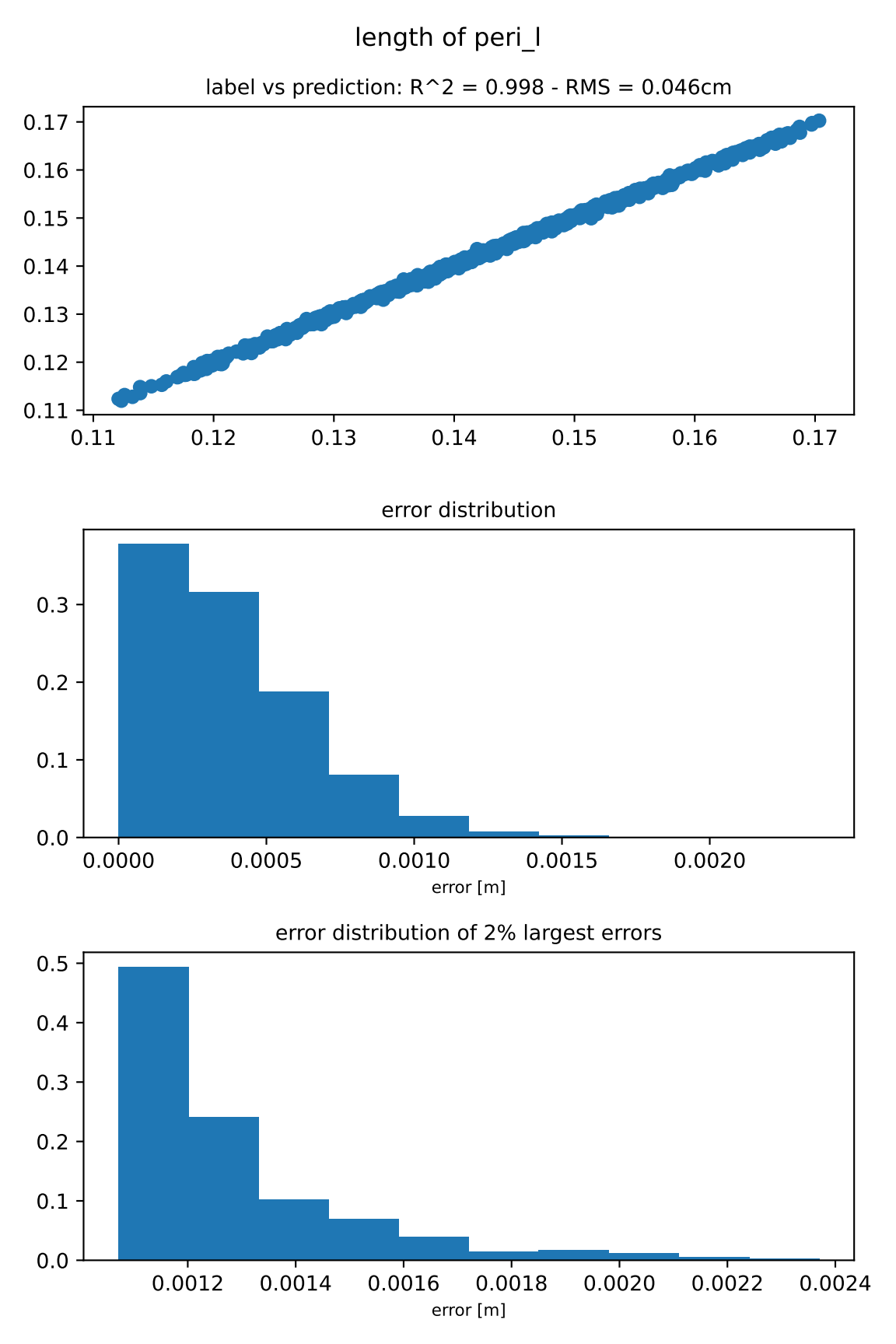

moment arm of gem_l wrt hip_rotation_l
label vs prediction: R^2 = 0.996 - RMS = 0.037cm
−0.015
−0.020
−0.025
−0.030
−0.035
−0.040
−0.040
−0.035
−0.030
−0.025
−0.020
−0.015
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
0.0024
0.0026
error [m]

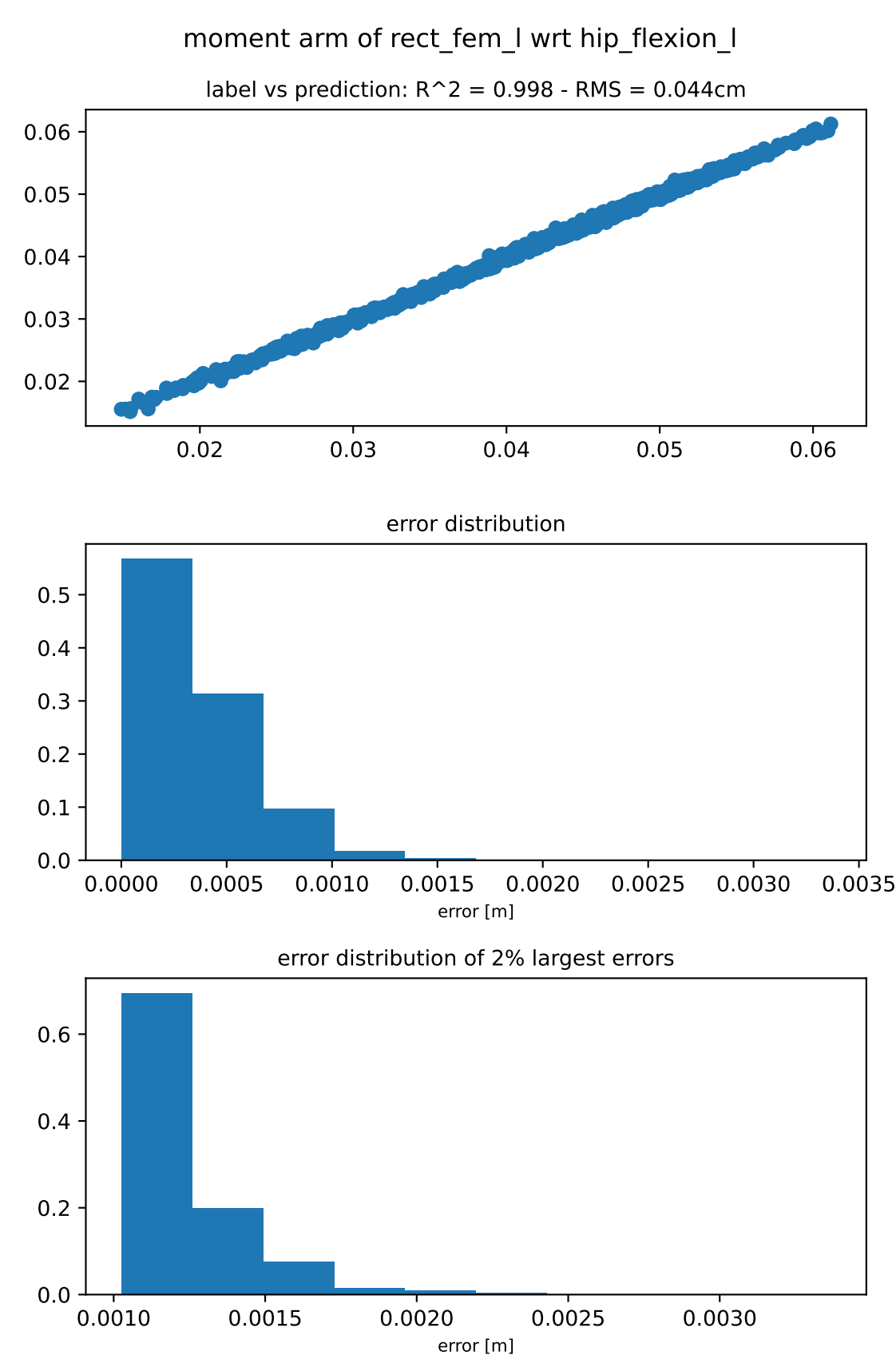

length of gem_l
label vs prediction: R^2 = 0.999 - RMS = 0.046cm
0.09
0.08
0.07
0.06
0.05
0.05
0.06
0.07
0.08
0.09
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
error [m]

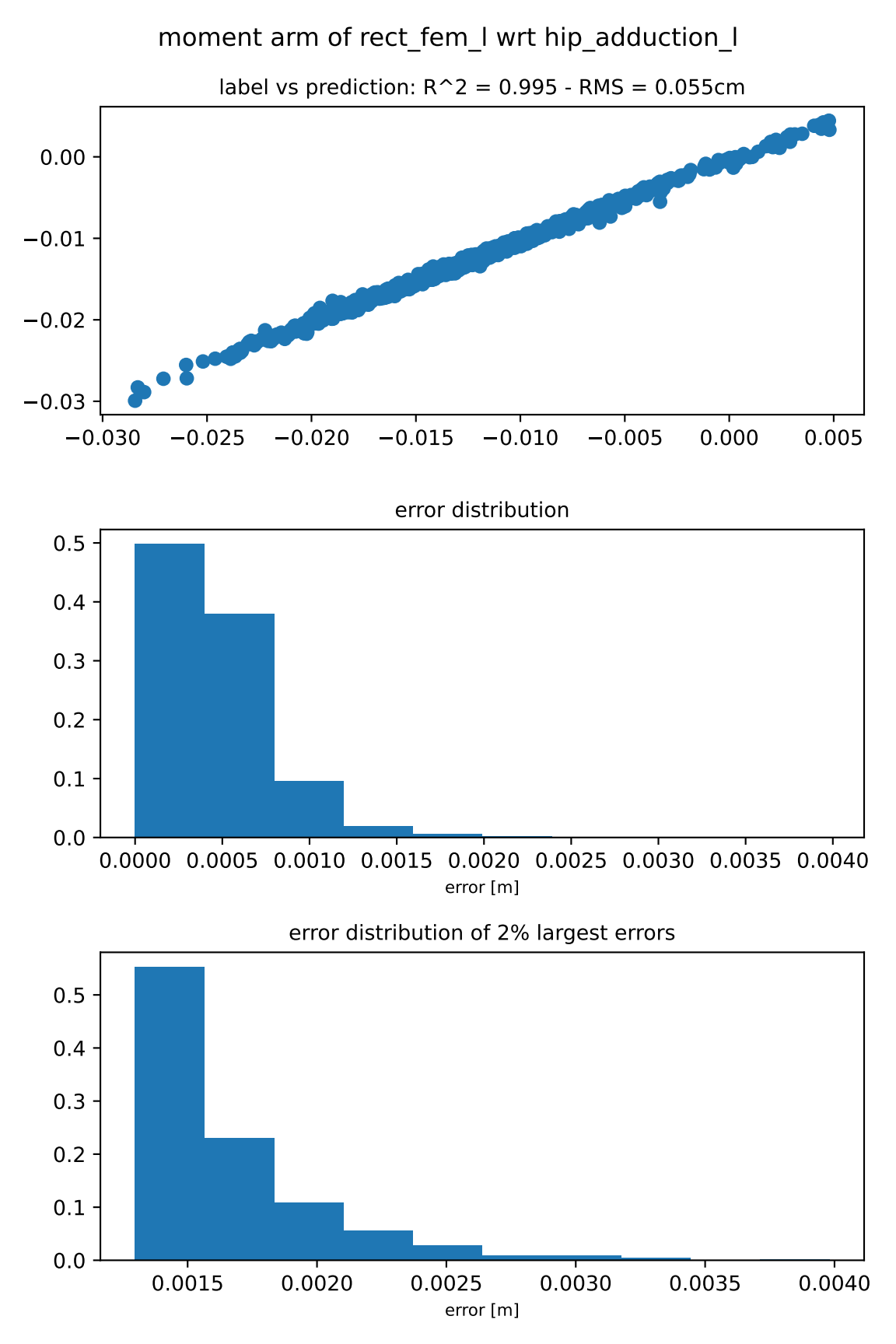

moment arm of peri_l wrt hip_flexion_l
label vs prediction: R^2 = 0.999 - RMS = 0.046cm
0.01
0.00
−0.01
−0.02
−0.025
−0.020
−0.015
−0.010
−0.005
0.000
0.005
0.010
0.015
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
error [m]

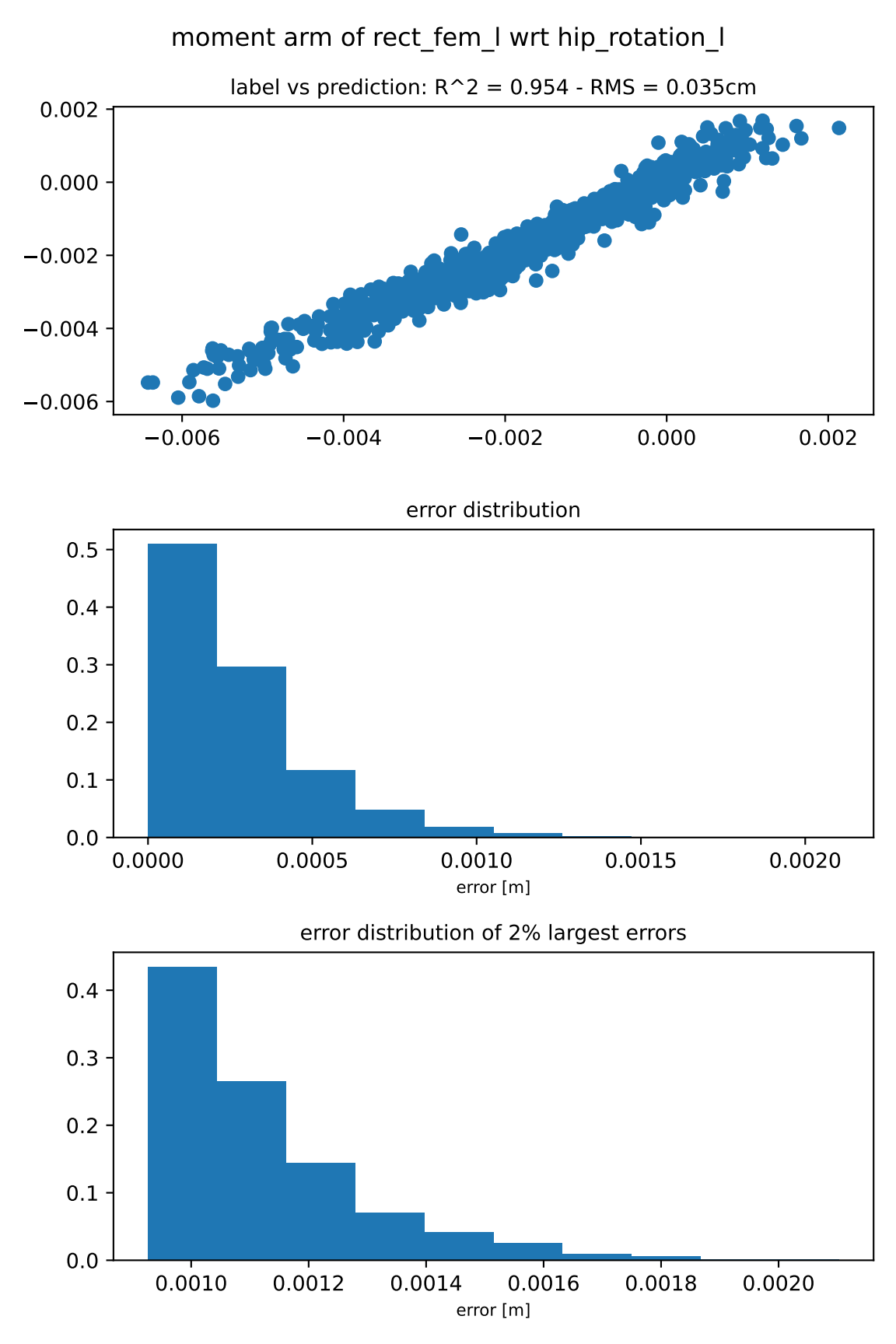

moment arm of peri_l wrt hip_adduction_l
label vs prediction: R^2 = 0.998 - RMS = 0.044cm
0.00
−0.01
−0.02
−0.03
−0.04
−0.04
−0.03
−0.02
−0.01
0.00
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00000
0.00025
0.00050
0.00075
0.00100
0.00125
0.00150
0.00175
0.00200
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
error [m]

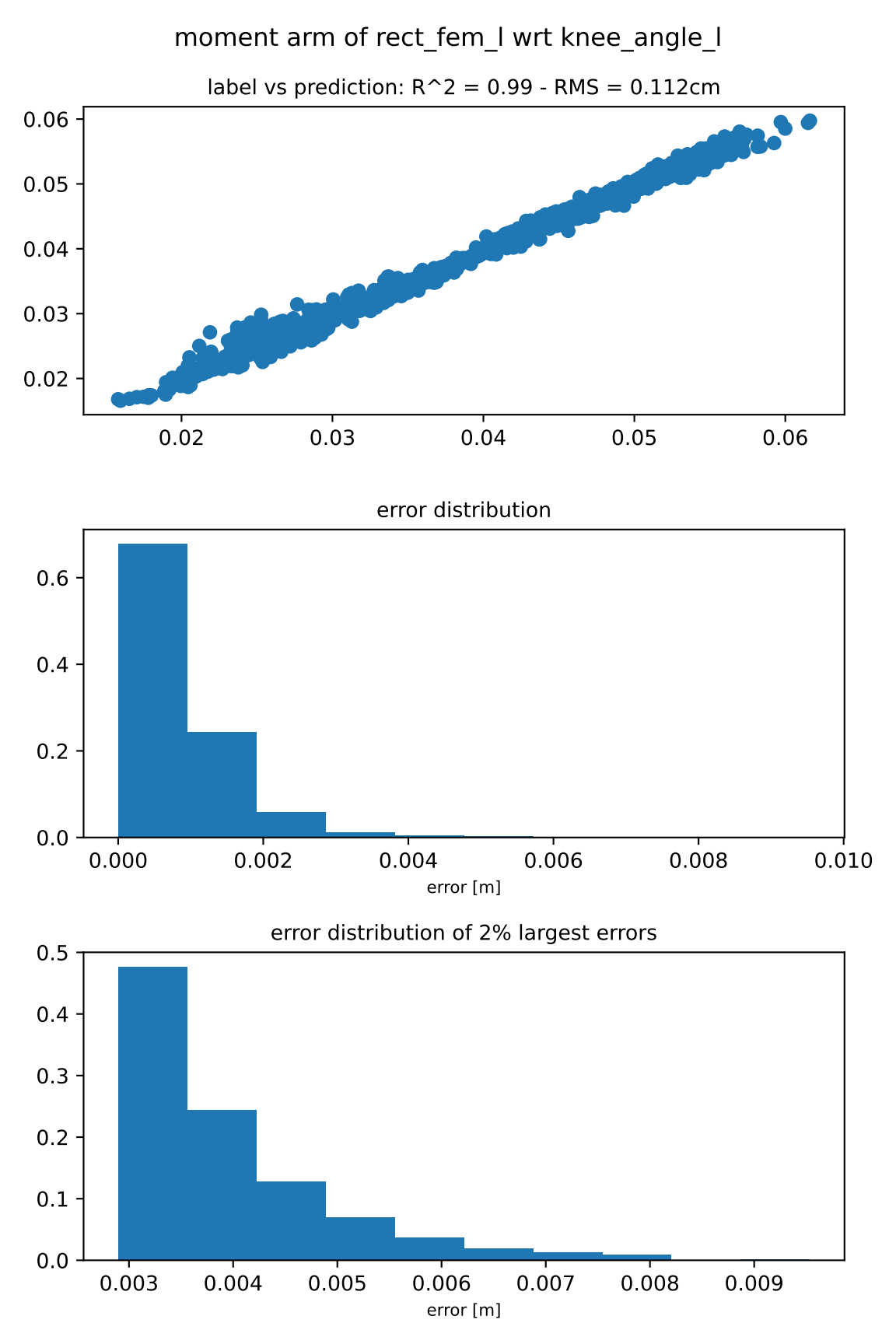

moment arm of peri_l wrt hip_rotation_l
label vs prediction: R^2 = 0.999 - RMS = 0.033cm
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.04
−0.03
−0.02
−0.01
0.00
0.01
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.000000.000250.000500.000750.001000.001250.001500.001750.00200
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0008
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
error [m]

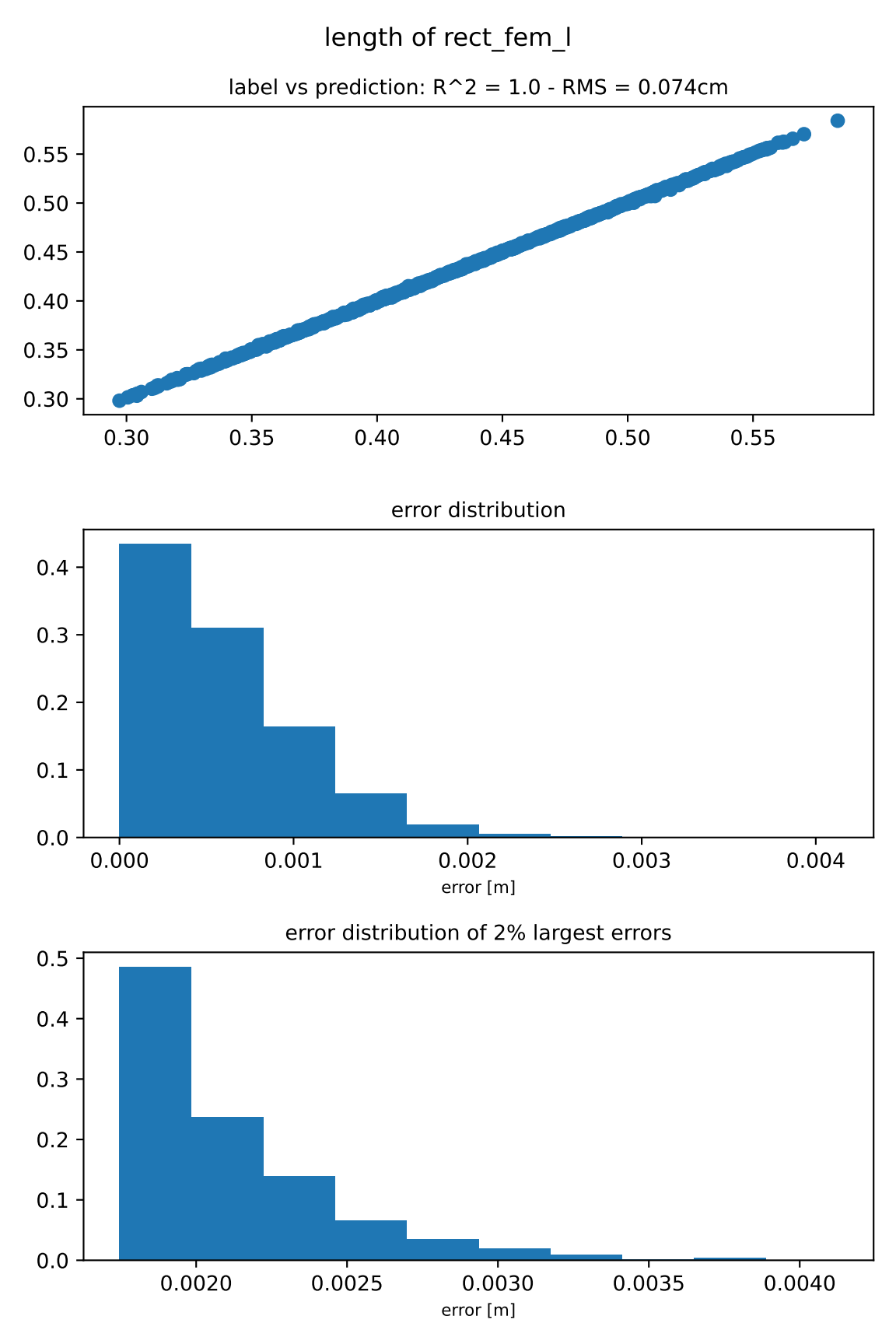

length of peri_l
label vs prediction: R^2 = 0.998 - RMS = 0.046cm
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.11
0.12
0.13
0.14
0.15
0.16
0.17
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
0.0024
error [m]

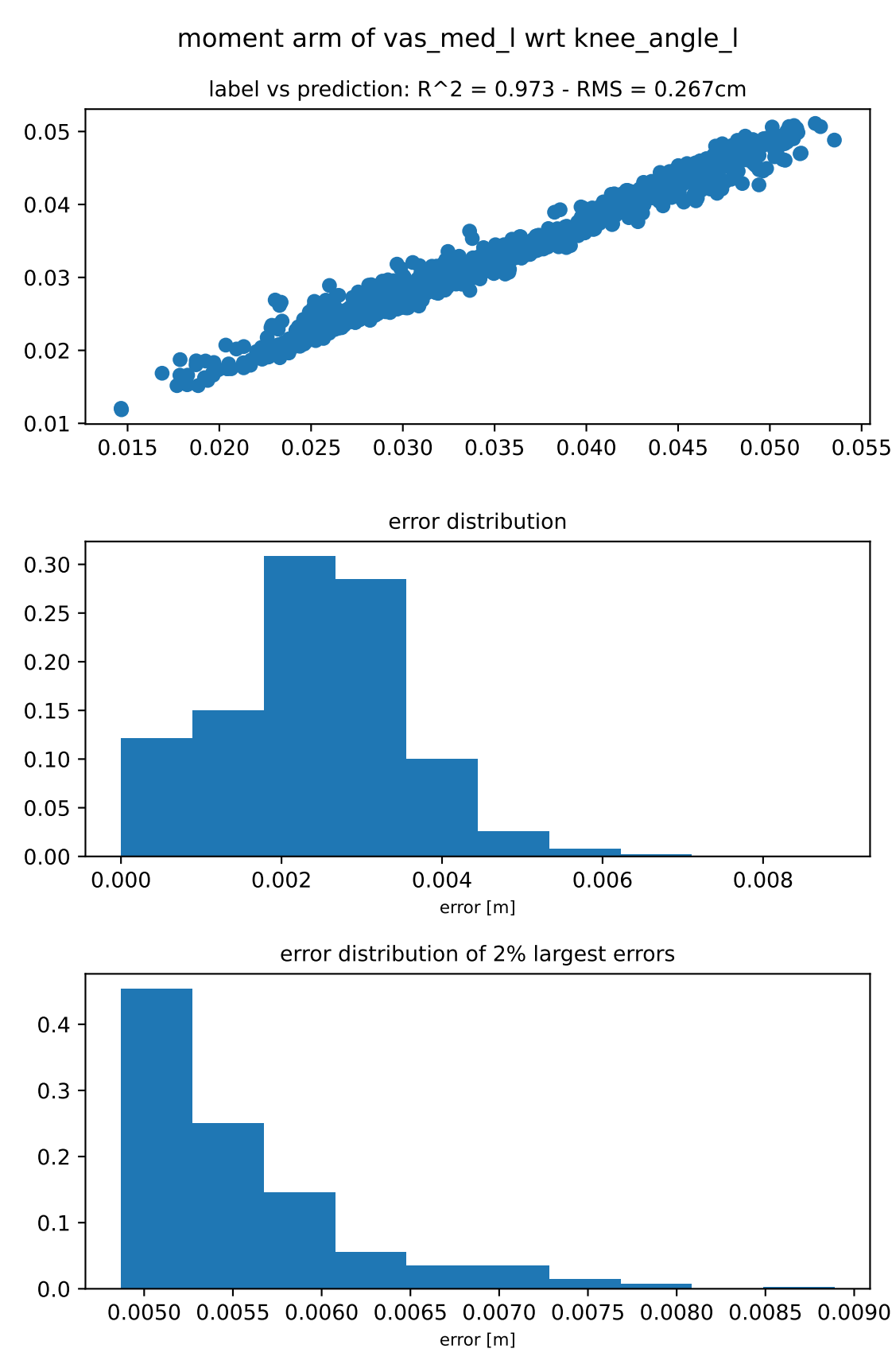

moment arm of rect_fem_l wrt hip_flexion_l
label vs prediction: R^2 = 0.998 - RMS = 0.044cm
0.06
0.05
0.04
0.03
0.02
0.02
0.03
0.04
0.05
0.06
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.6
0.4
0.2
0.0
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]

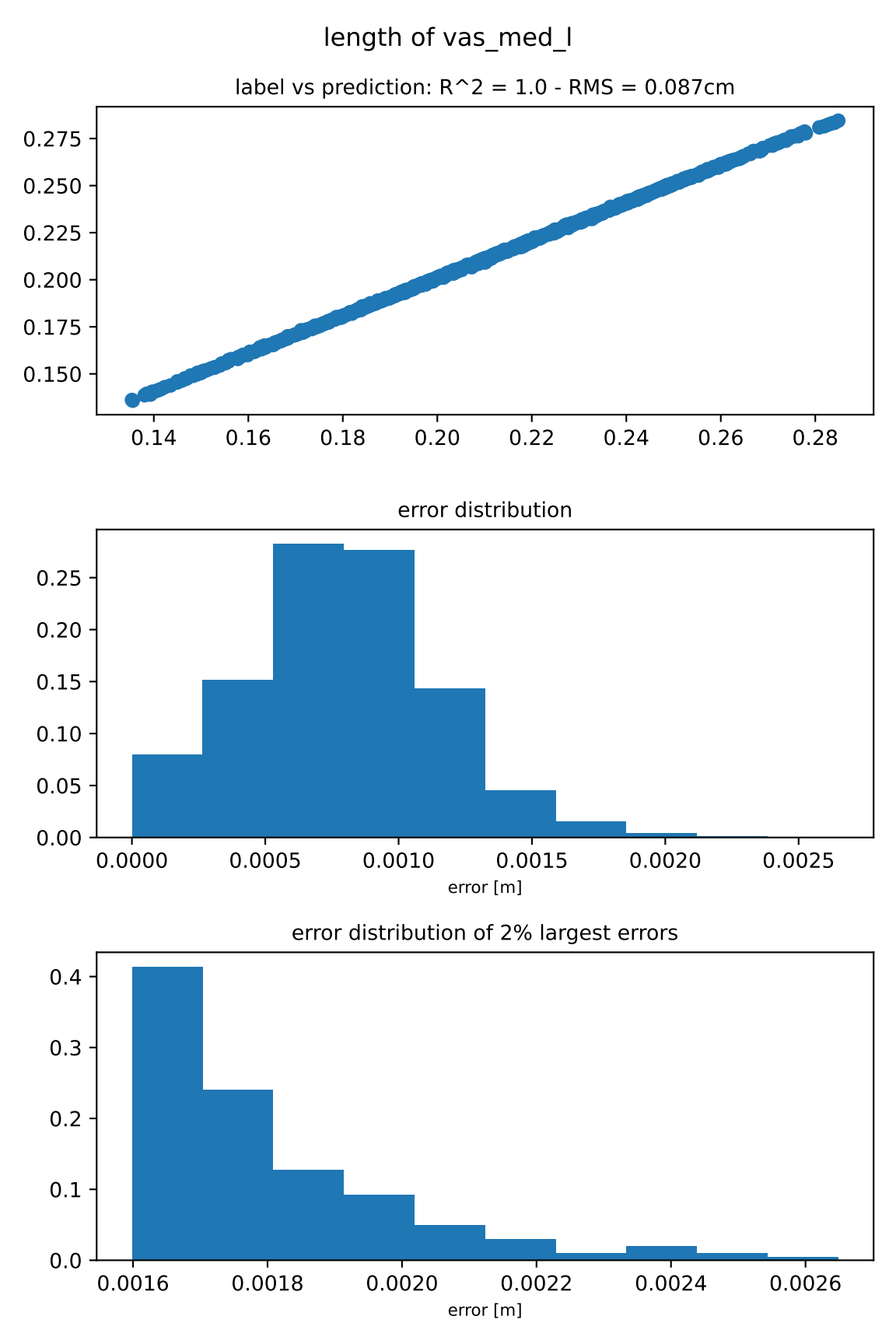

moment arm of rect_fem_l wrt hip_adduction_l
label vs prediction: R^2 = 0.995 - RMS = 0.055cm
0.00
−0.01
−0.02
−0.03
−0.030
−0.025
−0.020
−0.015
−0.010
−0.005
0.000
0.005
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]

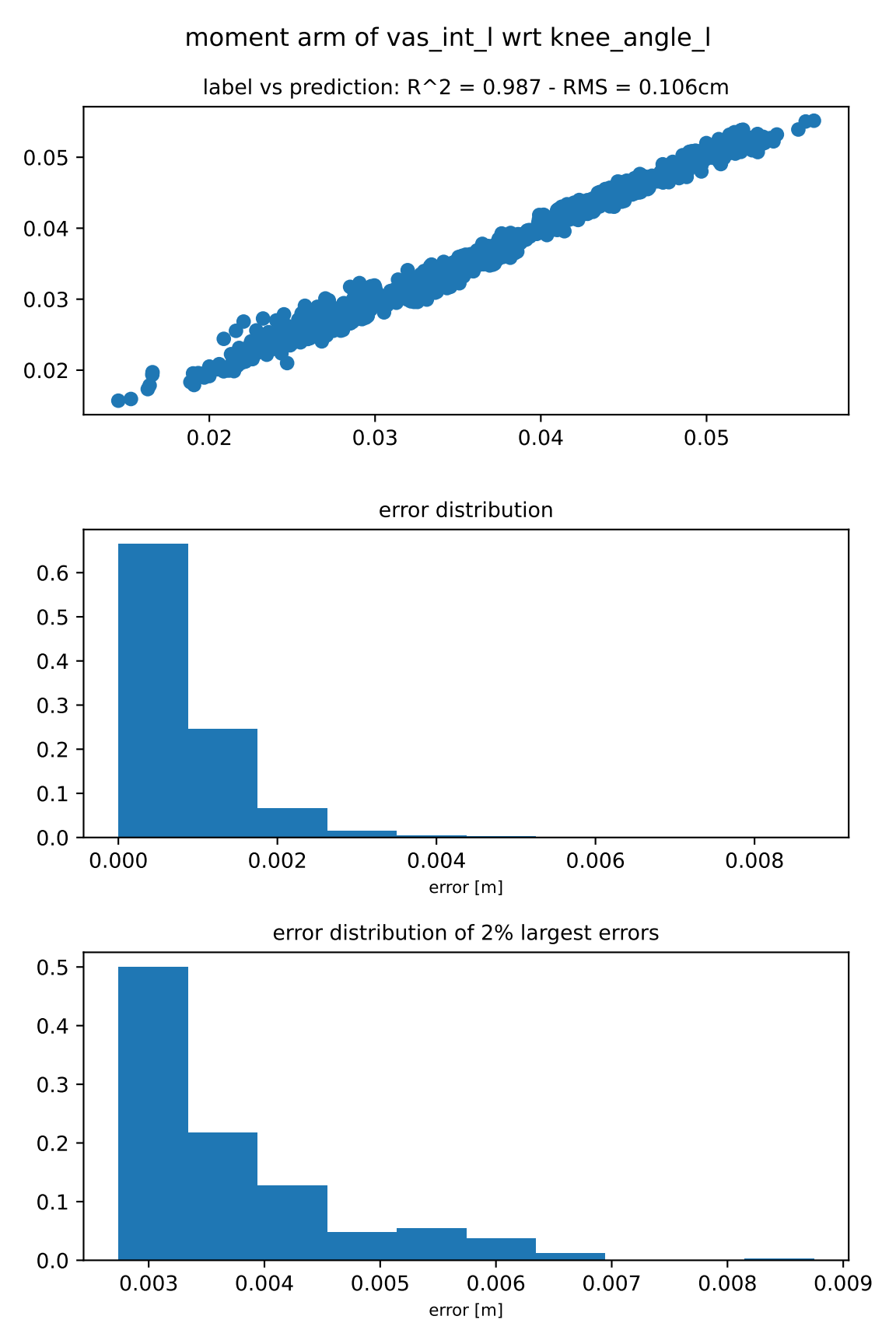

moment arm of rect_fem_l wrt hip_rotation_l
label vs prediction: R^2 = 0.954 - RMS = 0.035cm
0.002
0.000
−0.002
−0.004
−0.006
−0.006
−0.004
−0.002
0.000
0.002
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
error [m]

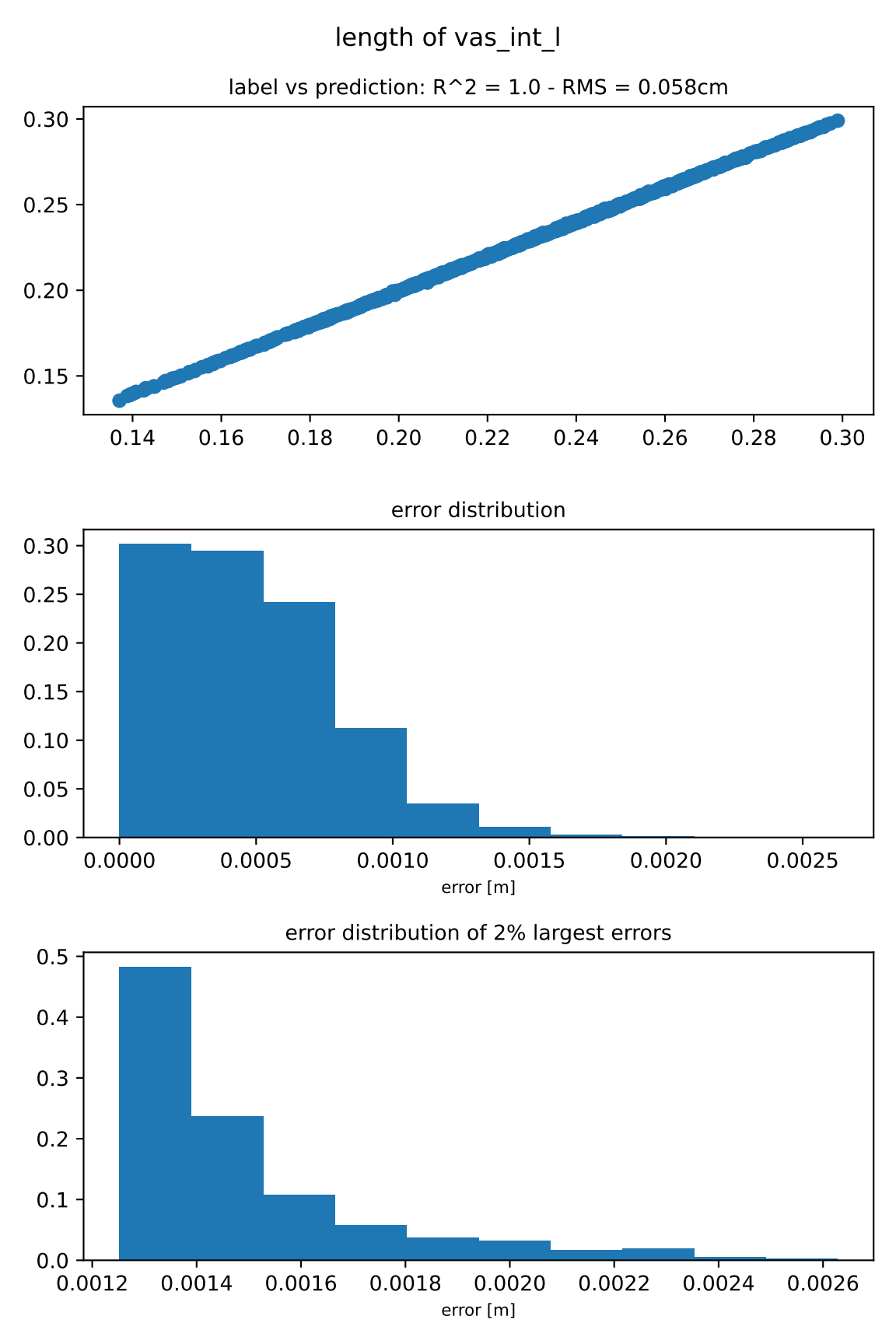

moment arm of rect_fem_l wrt knee_angle_l
label vs prediction: R^2 = 0.99 - RMS = 0.112cm
0.06
0.05
0.04
0.03
0.02
0.02
0.03
0.04
0.05
0.06
error distribution
0.6
0.4
0.2
0.0
0.000
0.002
0.004
0.006
0.008
0.010
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.003
0.004
0.005
0.006
0.007
0.008
0.009
error [m]

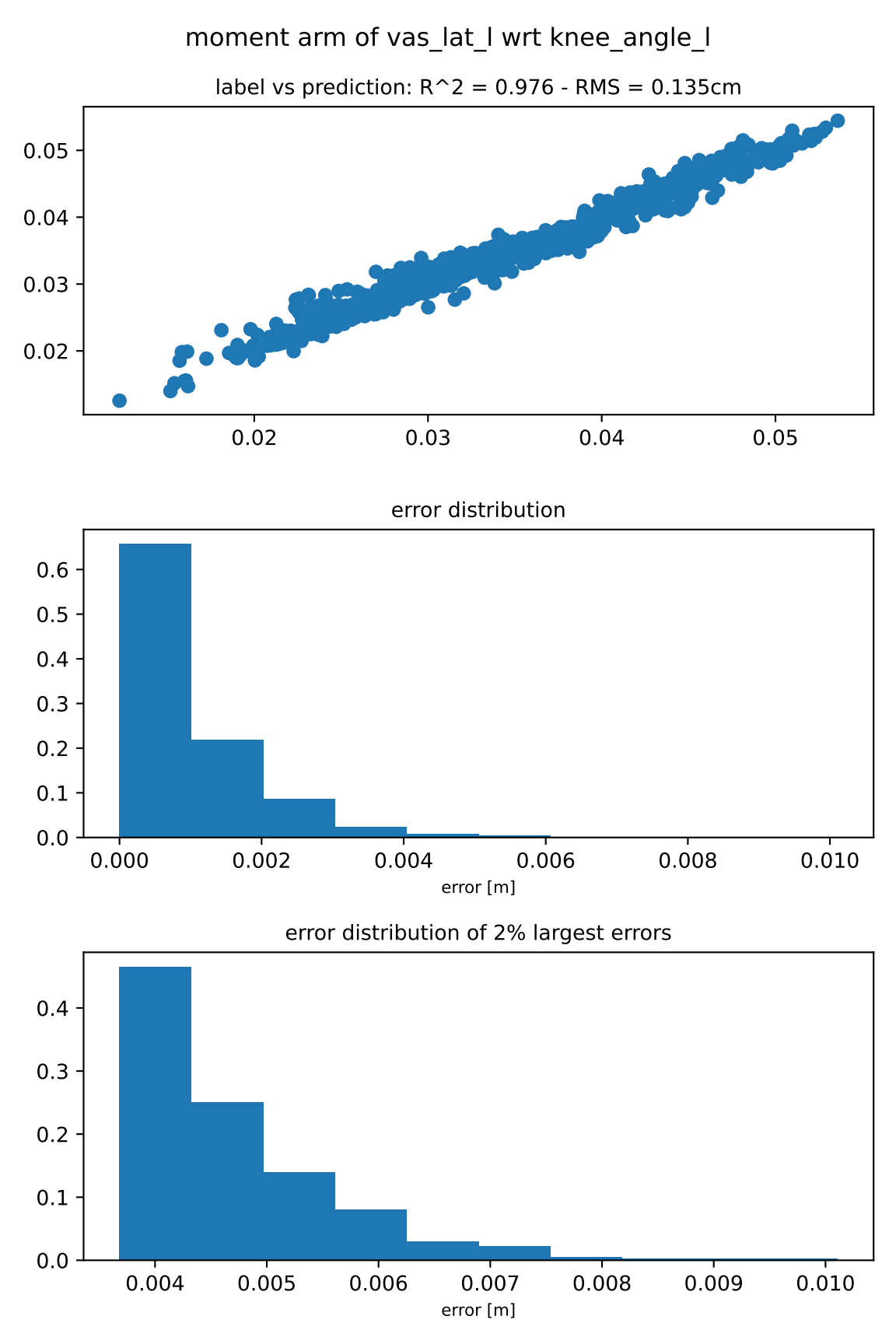

length of rect_fem_l
label vs prediction: R^2 = 1.0 - RMS = 0.074cm
0.55
0.50
0.45
0.40
0.35
0.30
0.30
0.35
0.40
0.45
0.50
0.55
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
error [m]

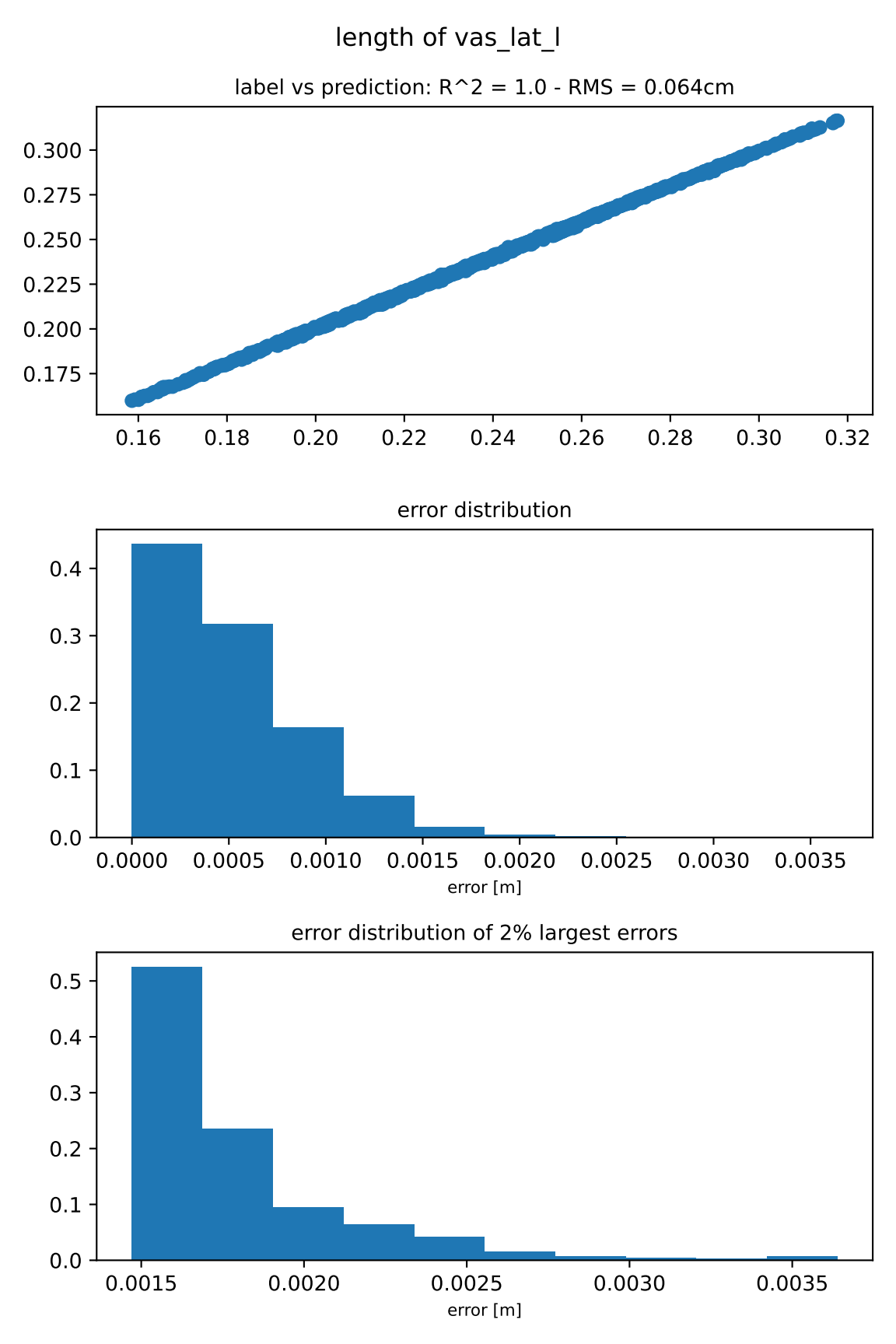

moment arm of vas_med_l wrt knee_angle_l
label vs prediction: R^2 = 0.973 - RMS = 0.267cm
0.05
0.04
0.03
0.02
0.01
0.015
0.020
0.025
0.030
0.035
0.040
0.045
0.050
0.055
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.000
0.002
0.004
0.006
0.008
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0050
0.0055
0.0060
0.0065
0.0070
0.0075
0.0080
0.0085
0.0090
error [m]

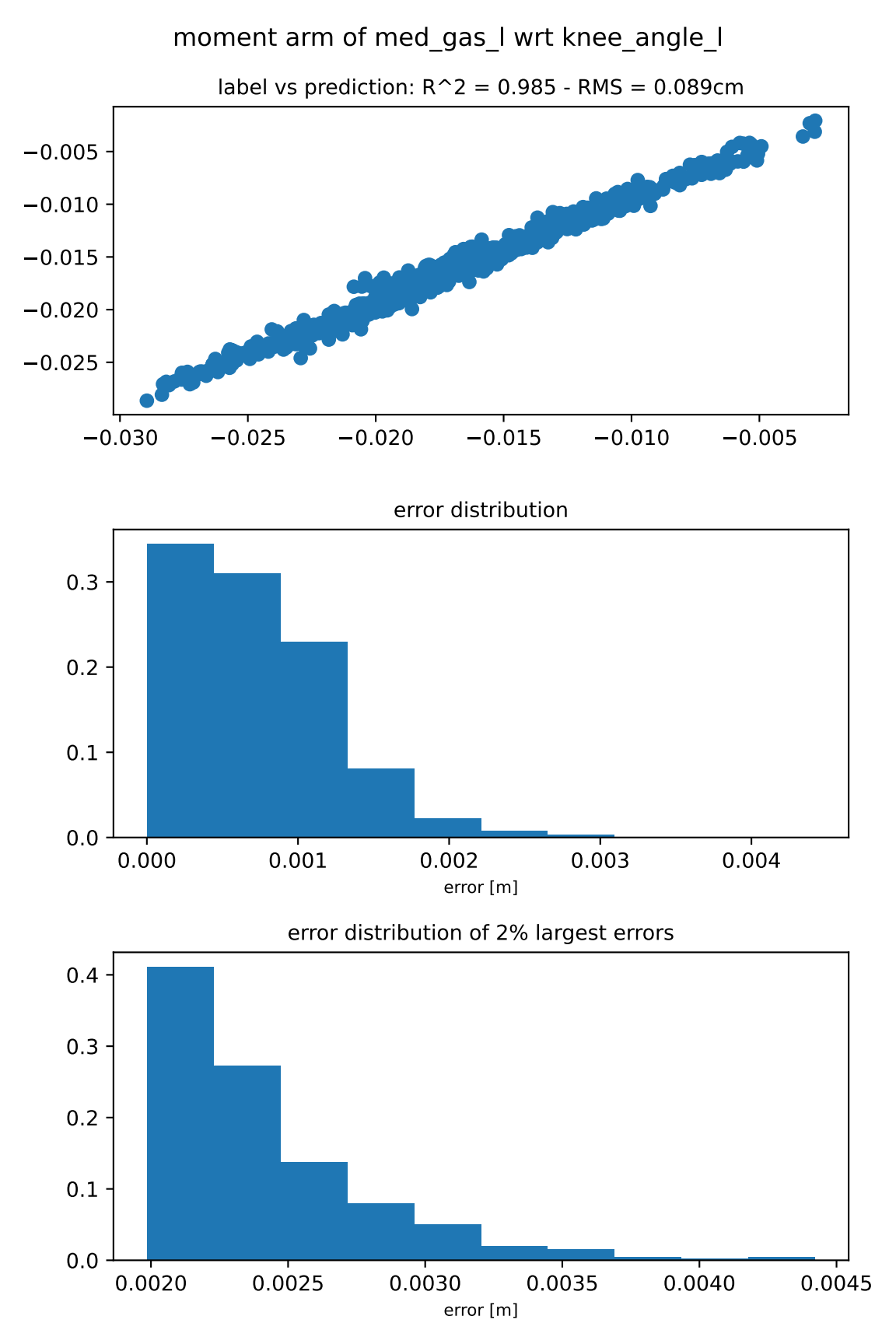

length of vas_med_l
label vs prediction: R^2 = 1.0 - RMS = 0.087cm
0.275
0.250
0.225
0.200
0.175
0.150
0.14
0.16
0.18
0.20
0.22
0.24
0.26
0.28
error distribution
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0016
0.0018
0.0020
0.0022
0.0024
0.0026
error [m]

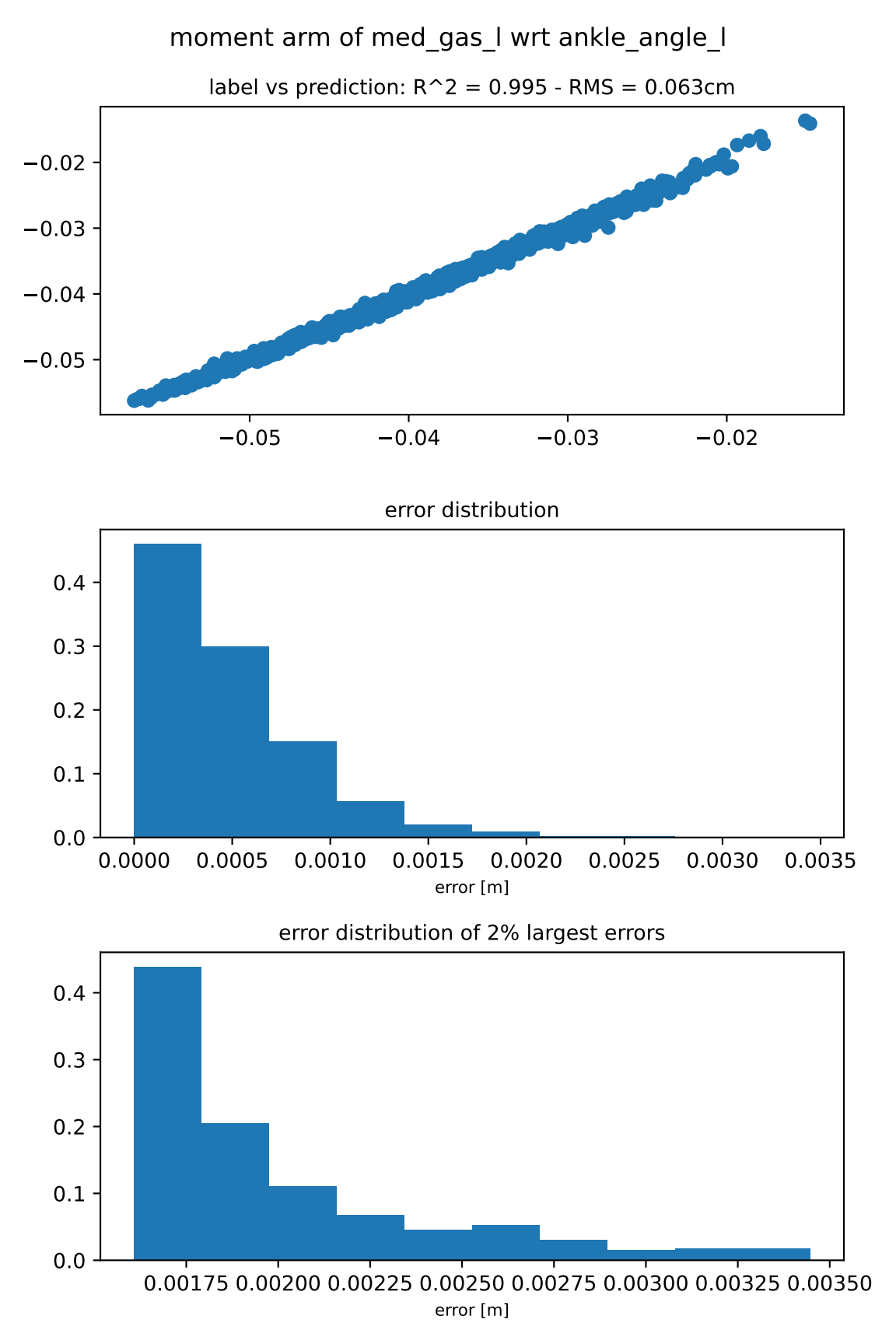

moment arm of vas_int_l wrt knee_angle_l
label vs prediction: R^2 = 0.987 - RMS = 0.106cm
0.05
0.04
0.03
0.02
0.02
0.03
0.04
0.05
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.002
0.004
0.006
0.008
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.003
0.004
0.005
0.006
0.007
0.008
0.009
error [m]

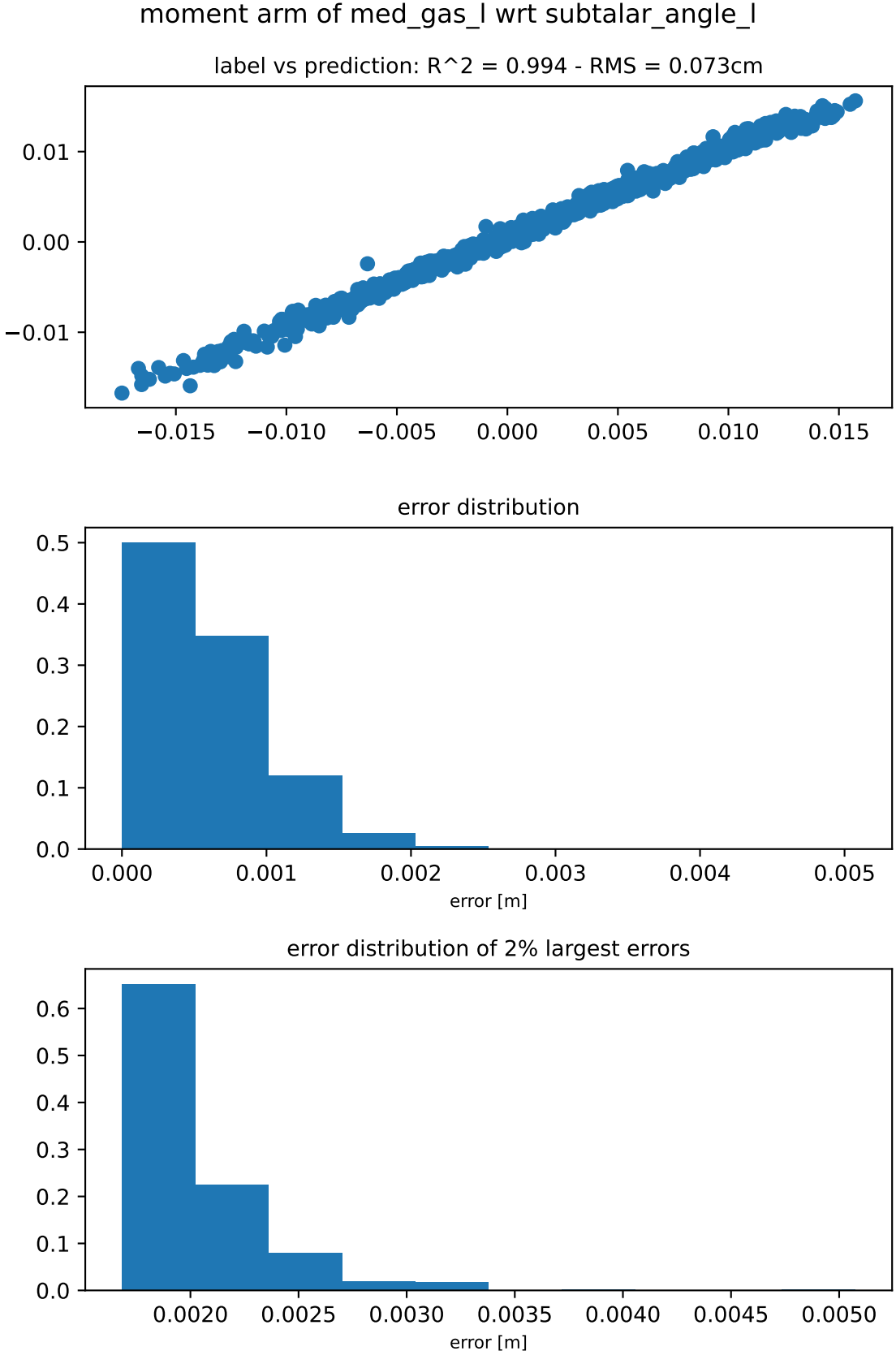

length of vas_int_l
label vs prediction: R^2 = 1.0 - RMS = 0.058cm
0.30
0.25
0.20
0.15
0.14
0.16
0.18
0.20
0.22
0.24
0.26
0.28
0.30
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0012
0.0014
0.0016
0.0018
0.0020
0.0022
0.0024
0.0026
error [m]

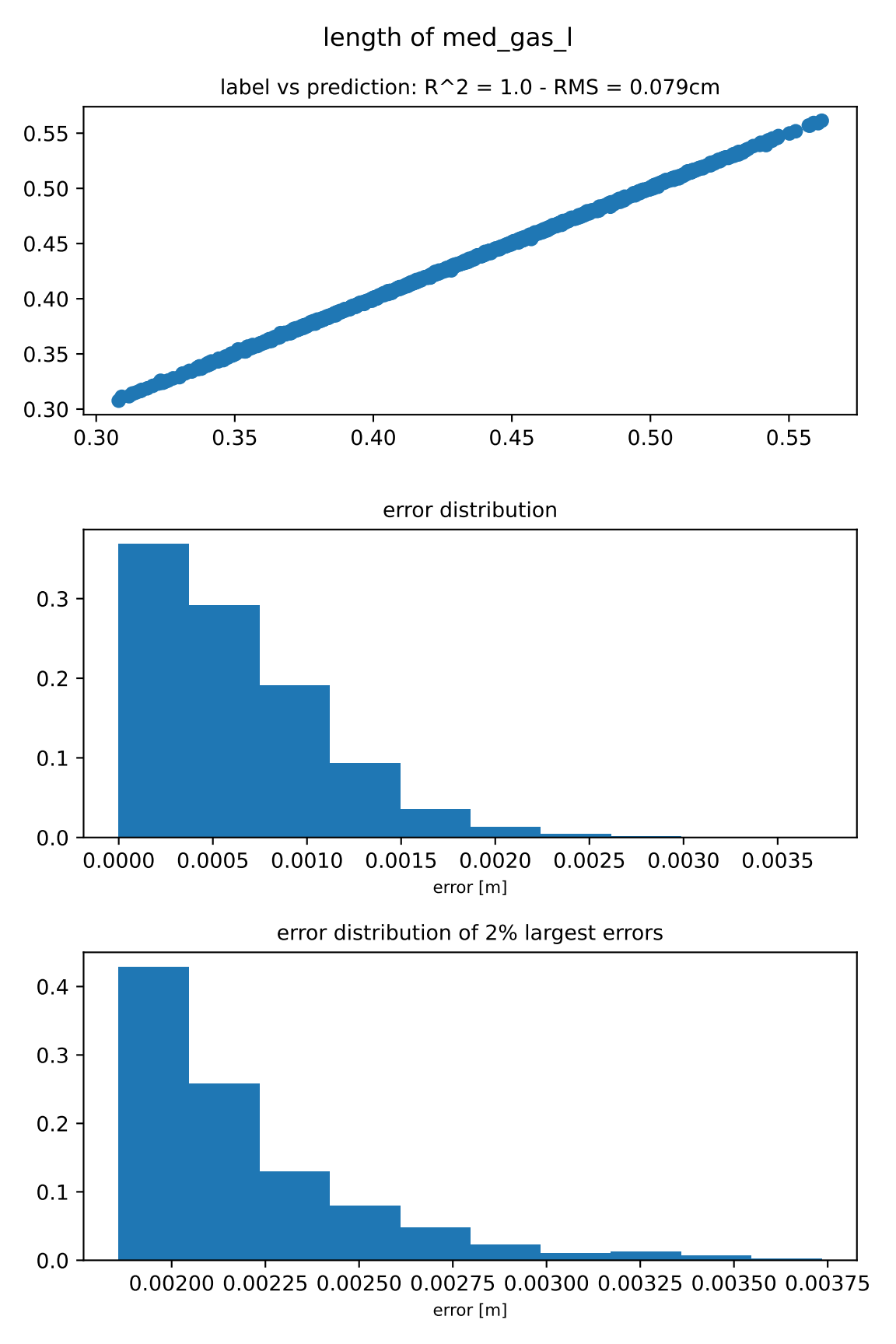

moment arm of vas_lat_l wrt knee_angle_l
label vs prediction: R^2 = 0.976 - RMS = 0.135cm
0.05
0.04
0.03
0.02
0.02
0.03
0.04
0.05
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.002
0.004
0.006
0.008
0.010
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.004
0.005
0.006
0.007
0.008
0.009
0.010
error [m]

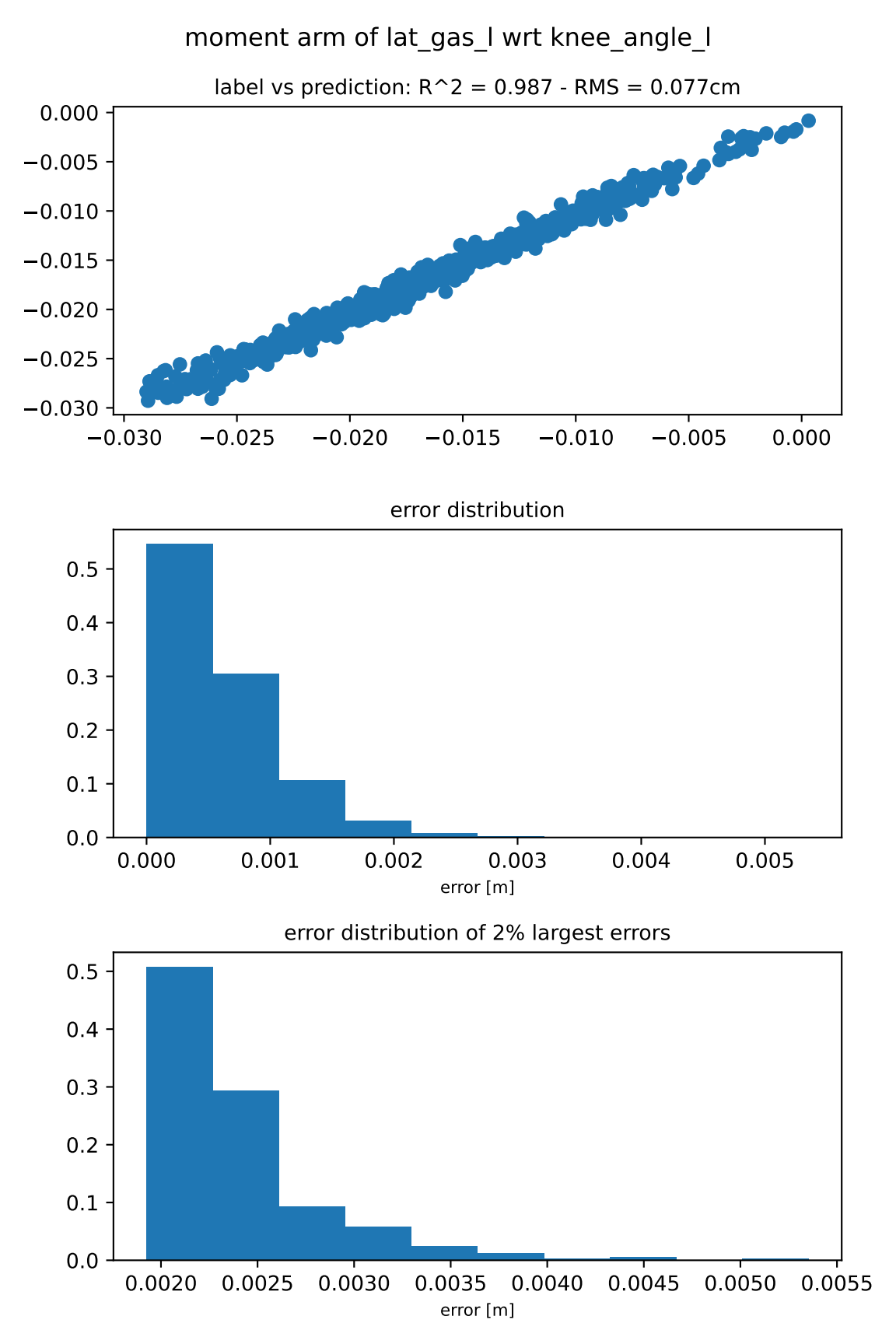

length of vas_lat_l
label vs prediction: R^2 = 1.0 - RMS = 0.064cm
0.300
0.275
0.250
0.225
0.200
0.175
0.16
0.18
0.20
0.22
0.24
0.26
0.28
0.30
0.32
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]

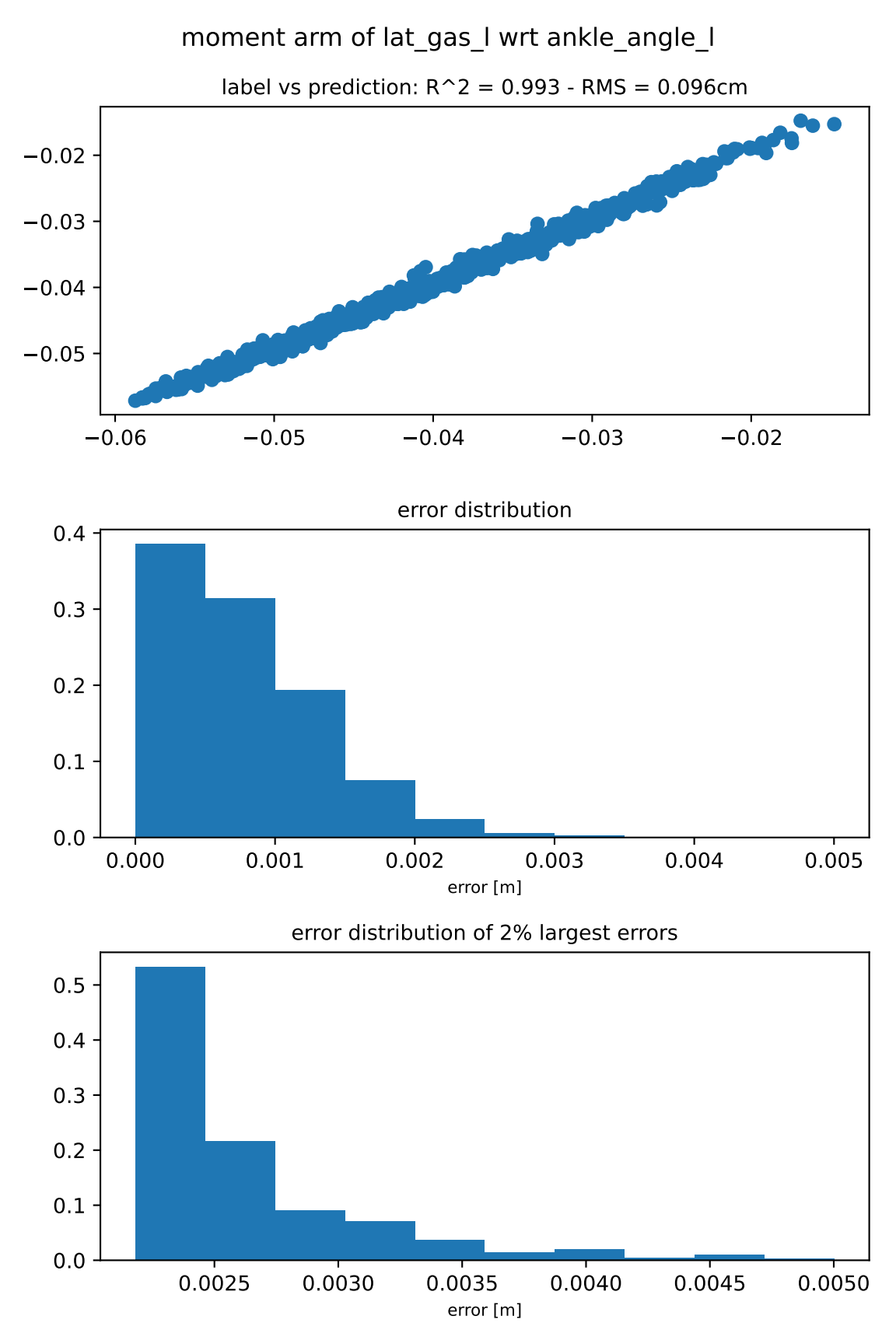

moment arm of med_gas_l wrt knee_angle_l
label vs prediction: R^2 = 0.985 - RMS = 0.089cm
−0.005
−0.010
−0.015
−0.020
−0.025
−0.030
−0.025
−0.020
−0.015
−0.010
−0.005
error distribution
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
error [m]

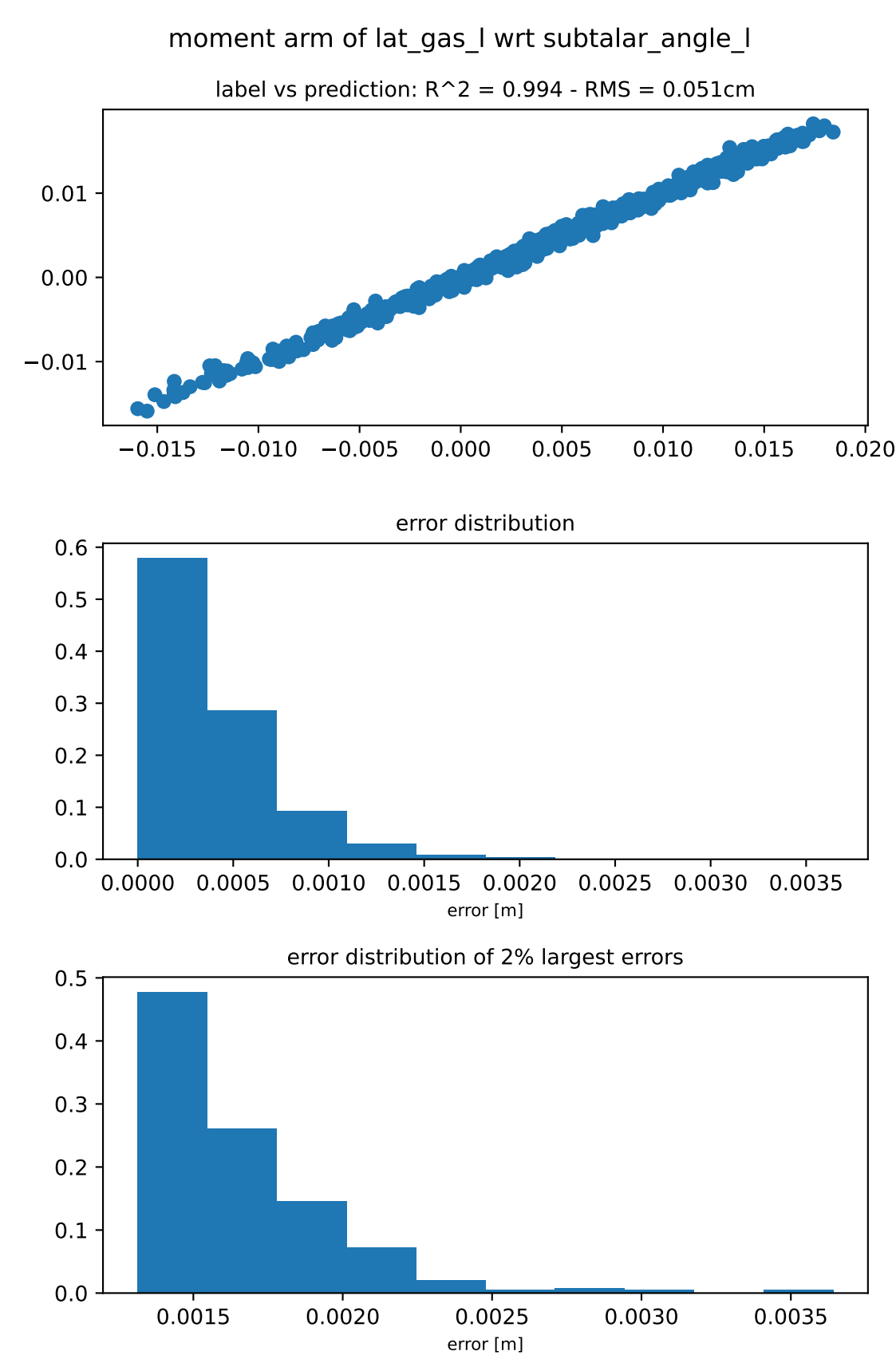

moment arm of med_gas_l wrt ankle_angle_l
label vs prediction: R^2 = 0.995 - RMS = 0.063cm
−0.02
−0.03
−0.04
−0.05
−0.05
−0.04
−0.03
−0.02
error distribution
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
0.00325
0.00350
error [m]

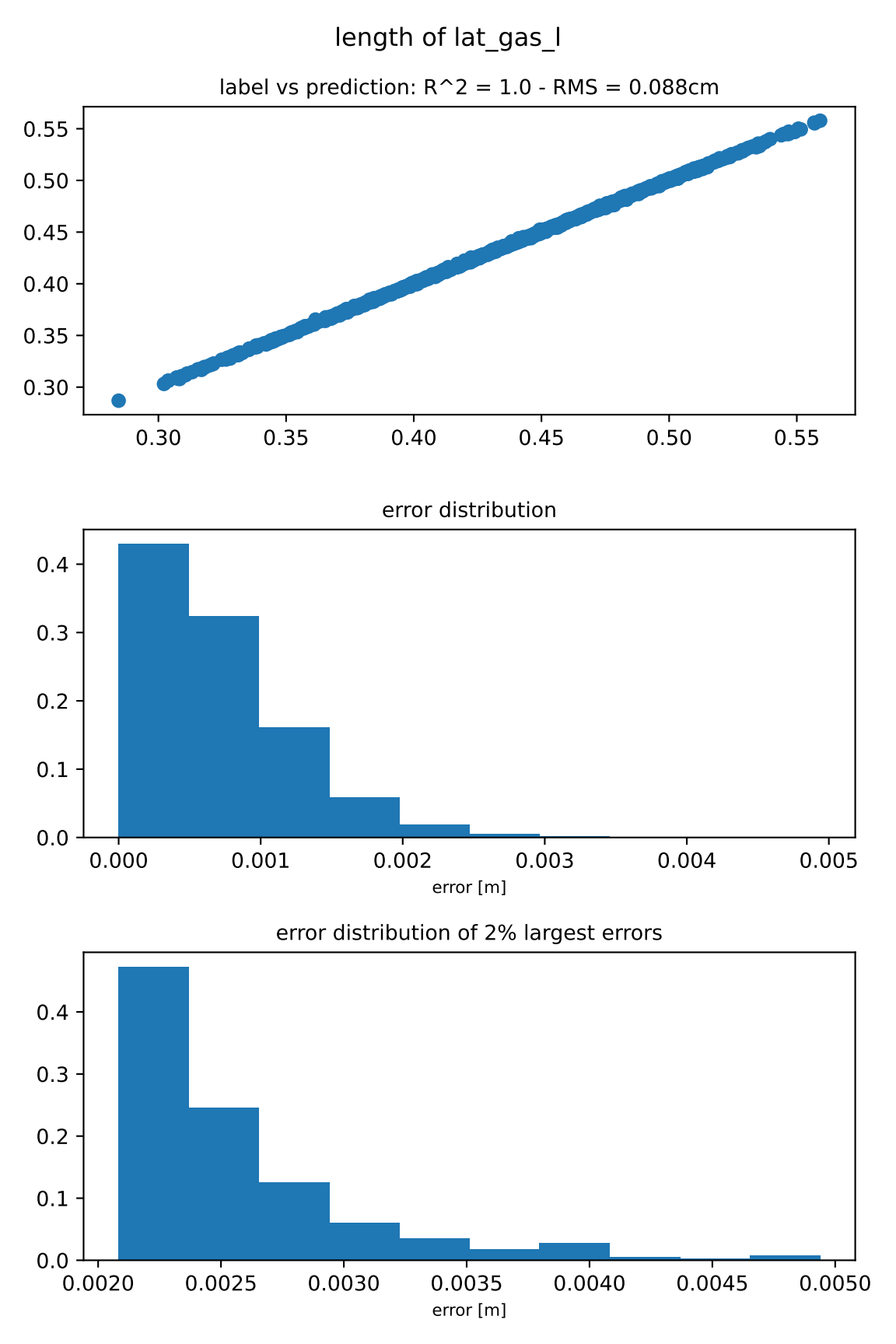

moment arm of med_gas_l wrt subtalar_angle_l
label vs prediction: R^2 = 0.994 - RMS = 0.073cm
0.01
0.00
−0.01
−0.015
−0.010
−0.005
0.000
0.005
0.010
0.015
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

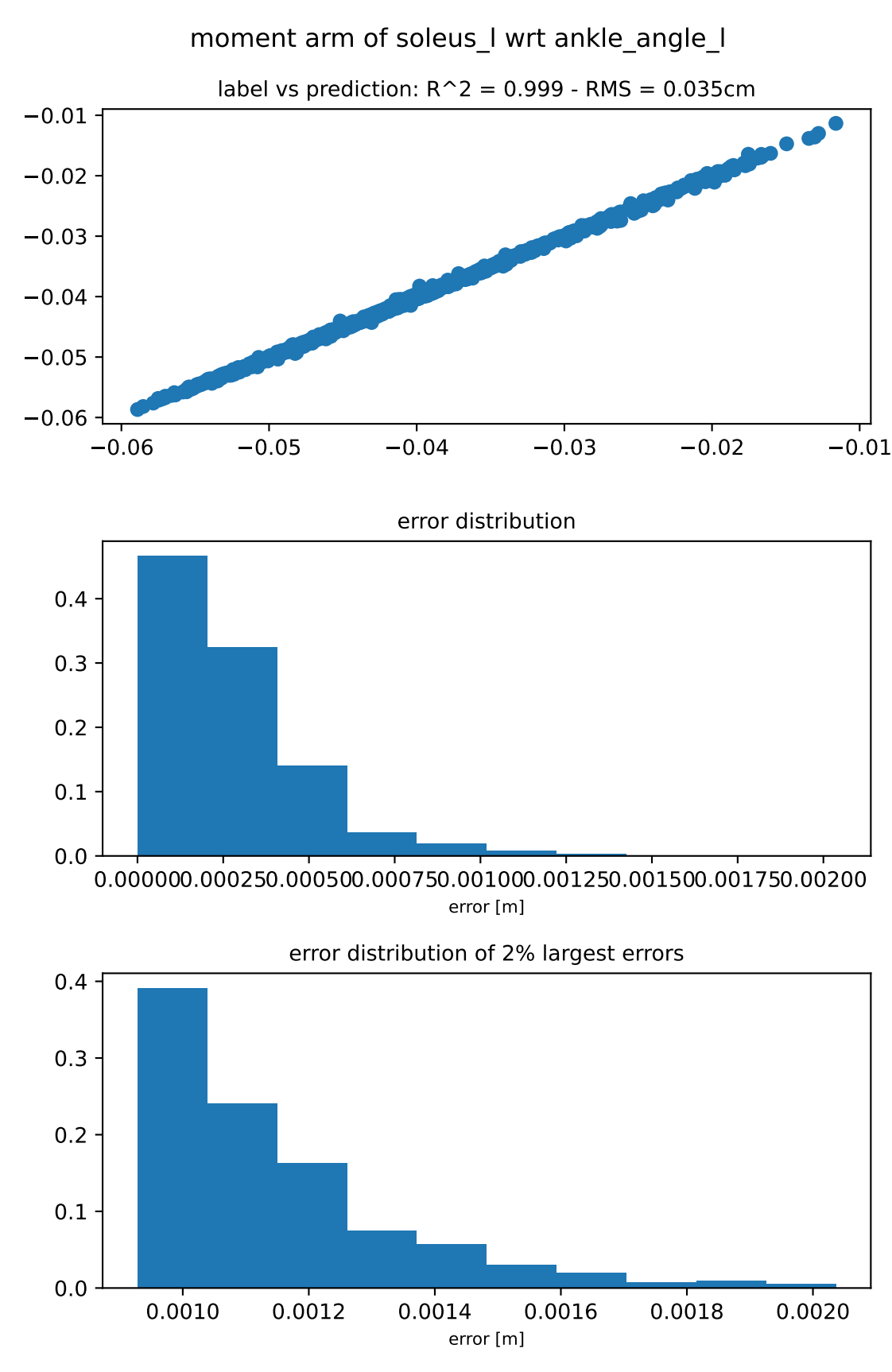

length of med_gas_l
label vs prediction: R^2 = 1.0 - RMS = 0.079cm
0.55
0.50
0.45
0.40
0.35
0.30
0.30
0.35
0.40
0.45
0.50
0.55
error distribution
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.00200
0.00225
0.00250
0.00275
0.00300
0.00325
0.00350
0.00375
error [m]

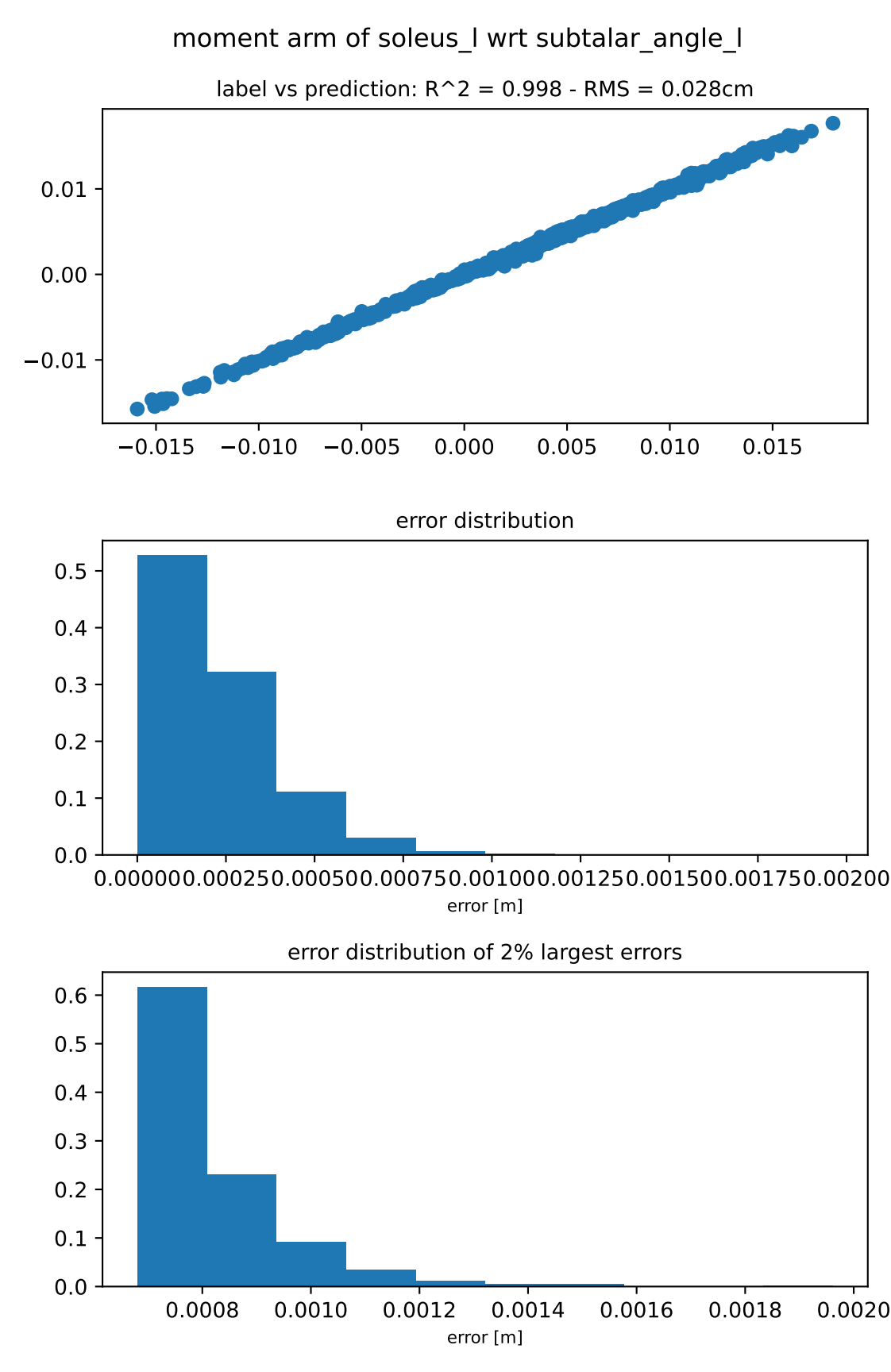

moment arm of lat_gas_l wrt knee_angle_l
label vs prediction: R^2 = 0.987 - RMS = 0.077cm
0.000
−0.005
−0.010
−0.015
−0.020
−0.025
−0.030
−0.030
−0.025
−0.020
−0.015
−0.010
−0.005
0.000
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
0.0055
error [m]

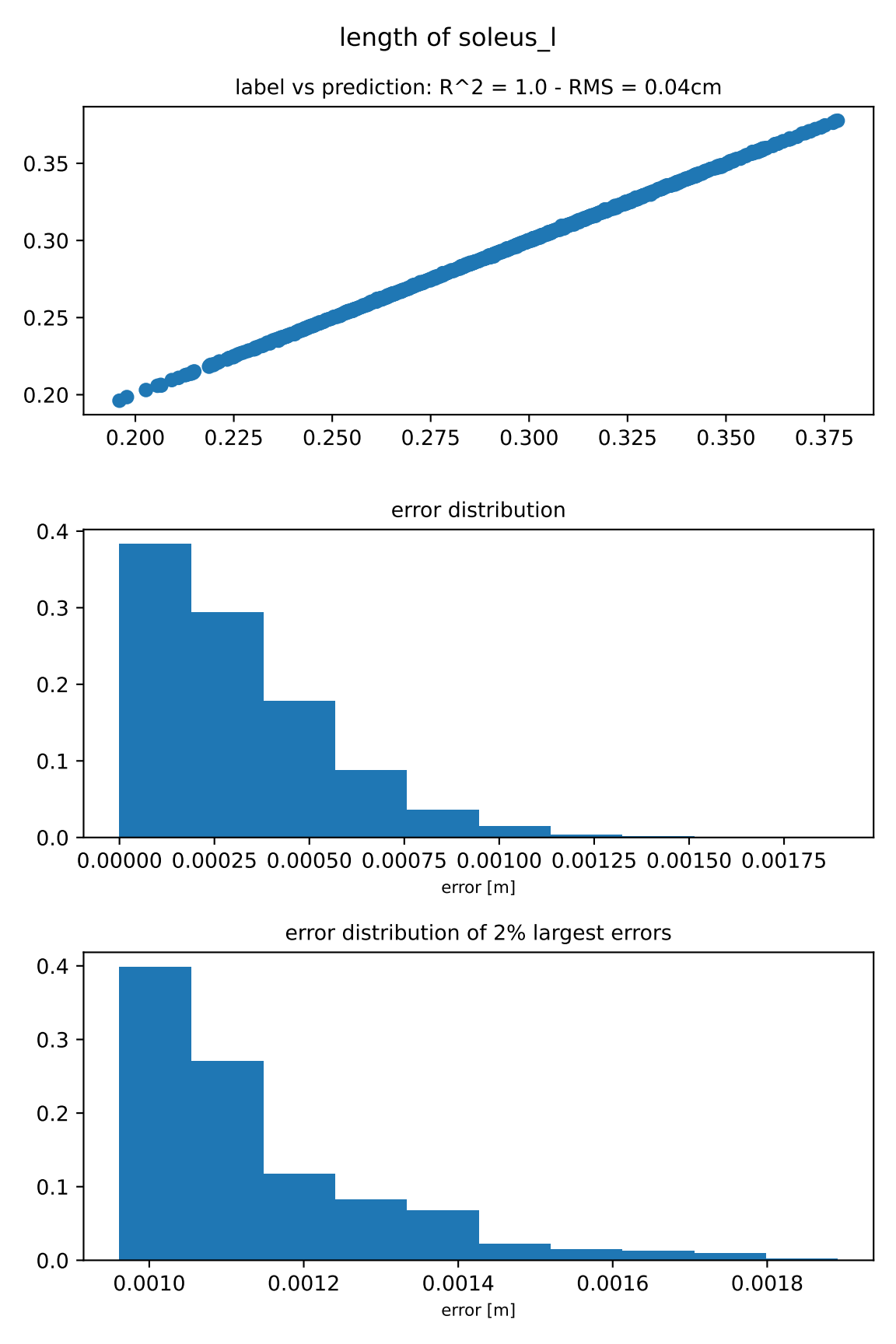

moment arm of lat_gas_l wrt ankle_angle_l
label vs prediction: R^2 = 0.993 - RMS = 0.096cm
−0.02
−0.03
−0.04
−0.05
−0.06
−0.05
−0.04
−0.03
−0.02
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

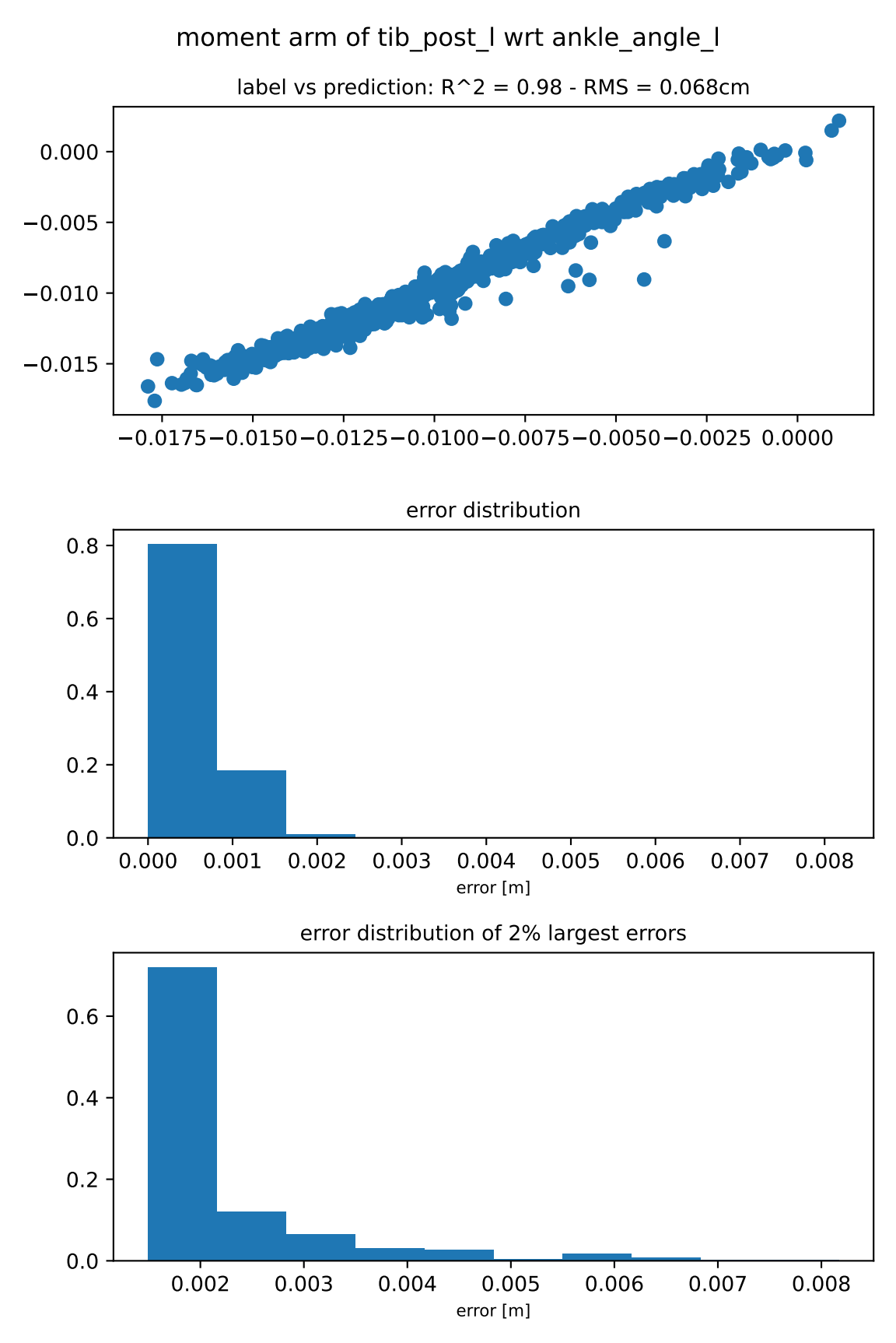

moment arm of lat_gas_l wrt subtalar_angle_l
label vs prediction: R^2 = 0.994 - RMS = 0.051cm
0.01
0.00
−0.01
−0.015
−0.010
−0.005
0.000
0.005
0.010
0.015
0.020
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0015
0.0020
0.0025
0.0030
0.0035
error [m]

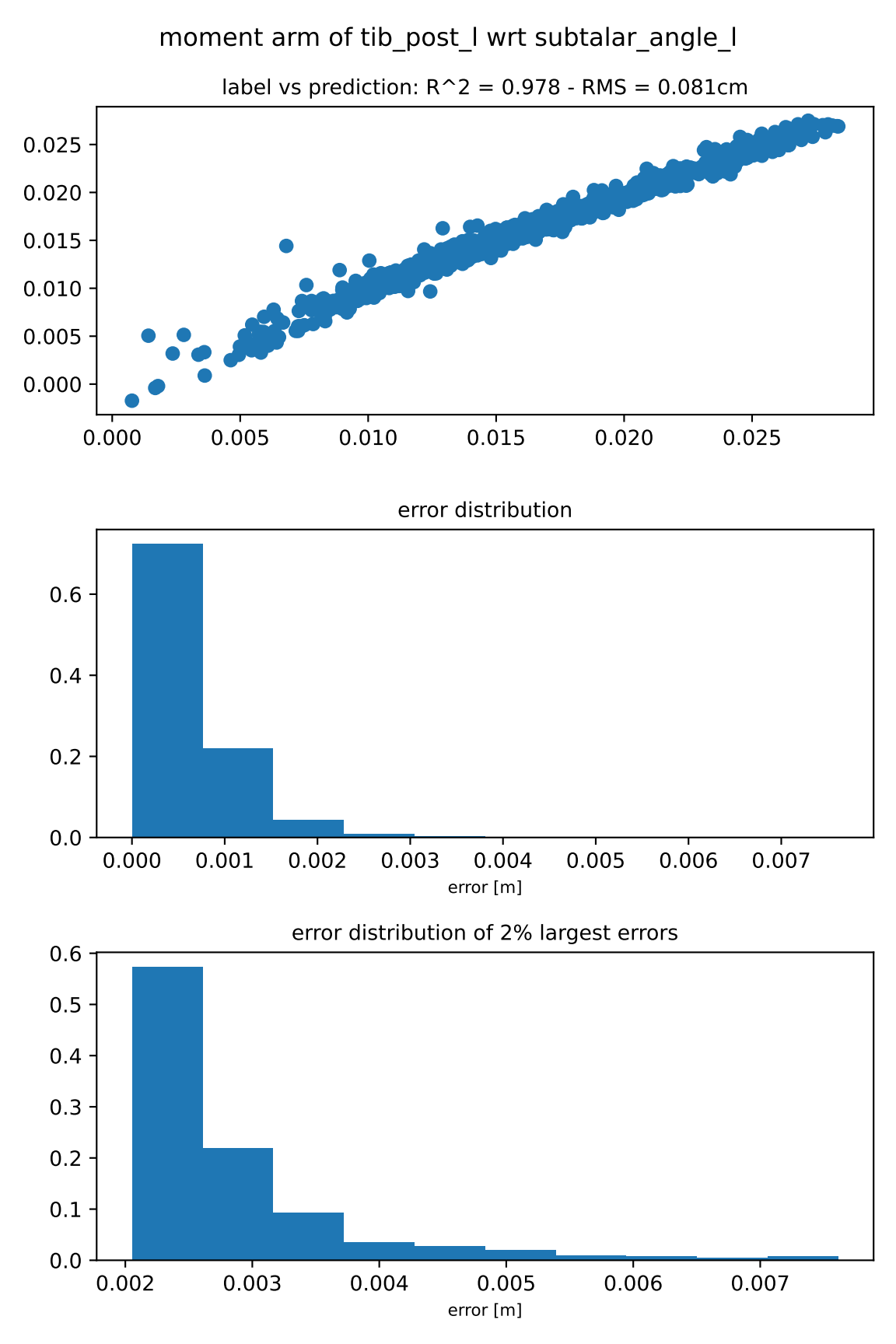

length of lat_gas_l
label vs prediction: R^2 = 1.0 - RMS = 0.088cm
0.55
0.50
0.45
0.40
0.35
0.30
0.30
0.35
0.40
0.45
0.50
0.55
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

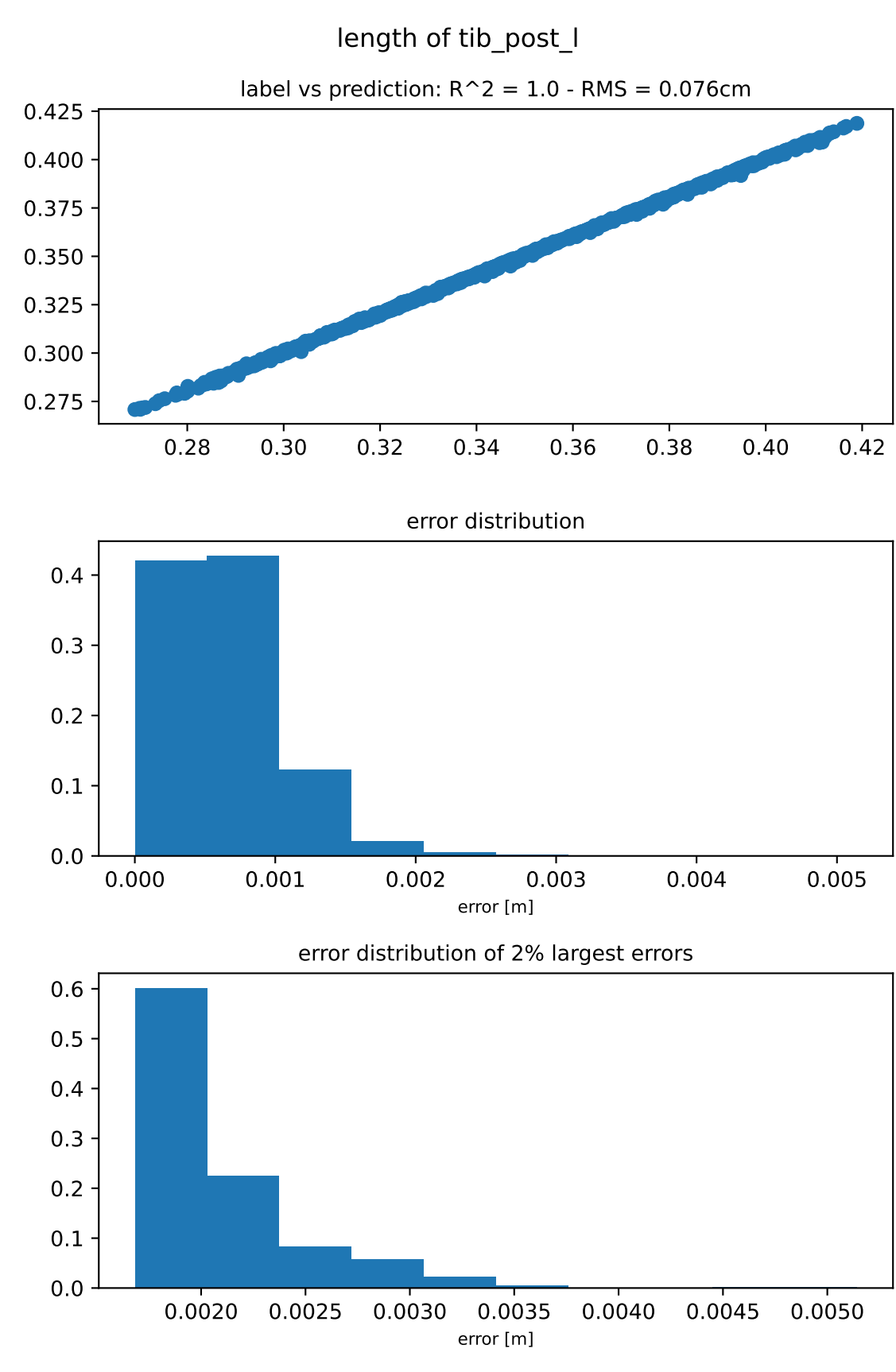

moment arm of soleus_l wrt ankle_angle_l
label vs prediction: R^2 = 0.999 - RMS = 0.035cm
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
error distribution
0.4
0.3
0.2
0.1
0.0
0.00000.00025
0.00050.00075
0.00100.00125
0.00150.00175
0.00200
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
error [m]

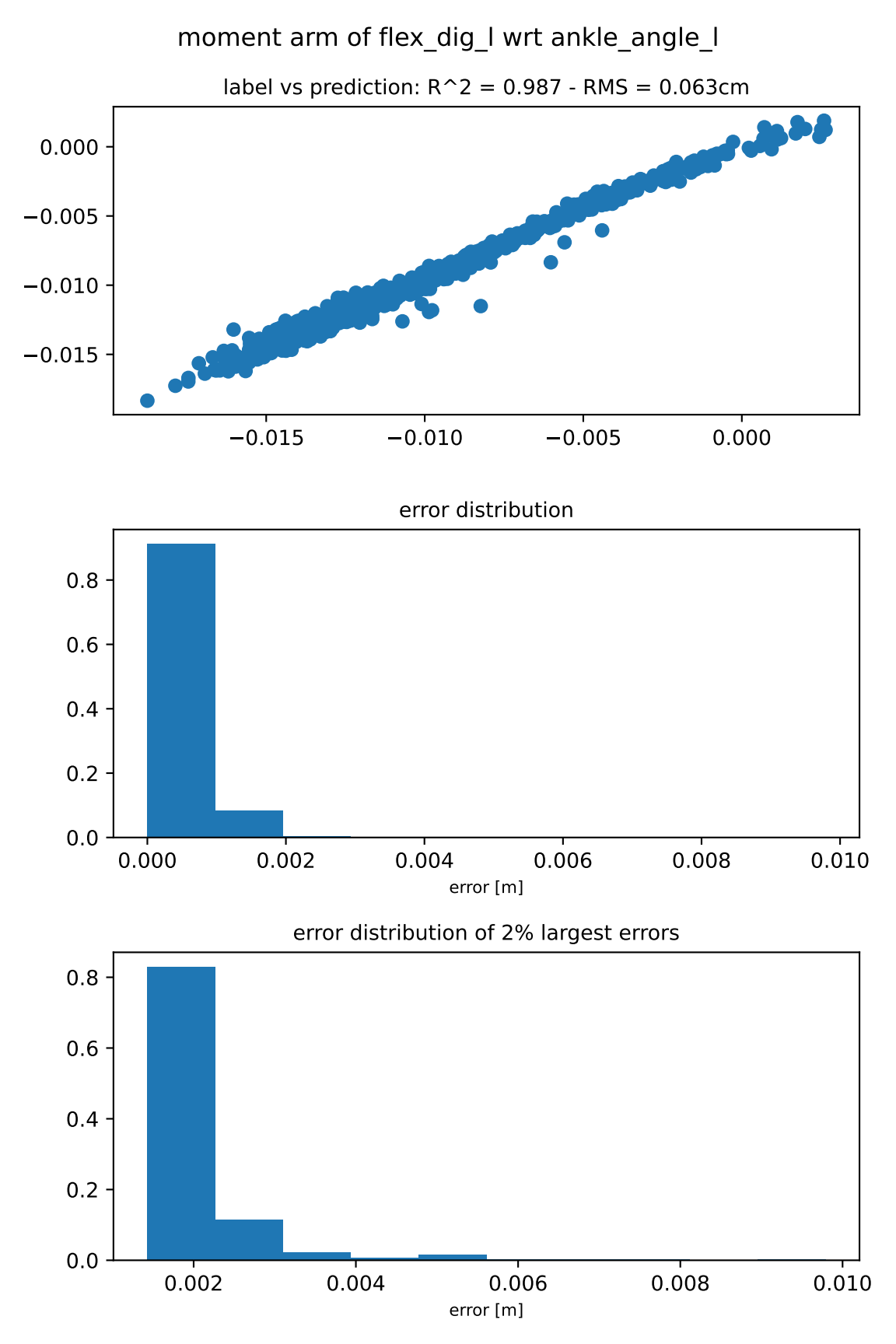

moment arm of soleus_l wrt subtalar_angle_l
label vs prediction: R^2 = 0.998 - RMS = 0.028cm
0.01
0.00
−0.01
−0.015
−0.010
−0.005
0.000
0.005
0.010
0.015
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.00000.00025
0.00050.00075
0.00100.00125
0.00150.00175
0.00200
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0008
0.0010
0.0012
0.0014
0.0016
0.0018
0.0020
error [m]

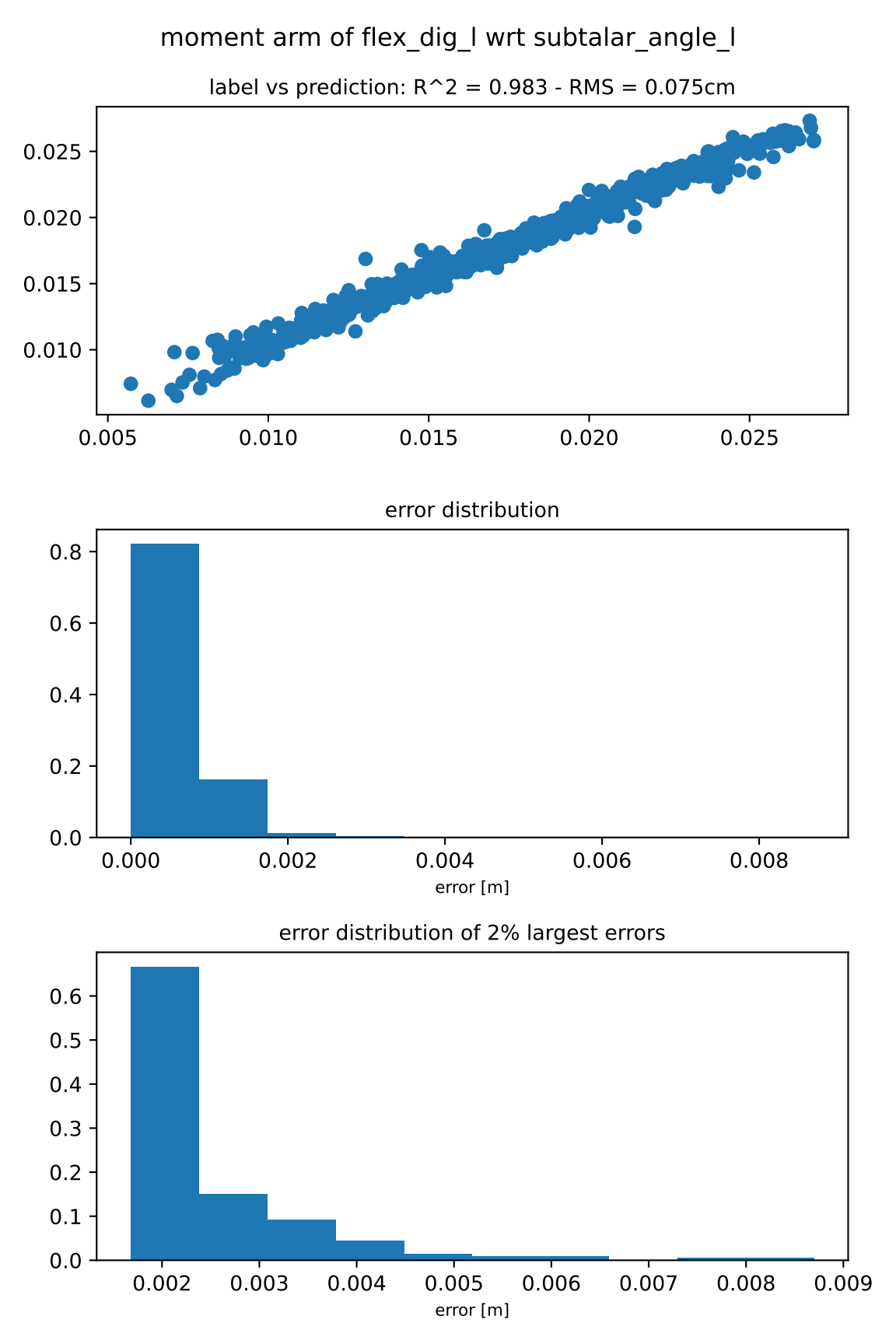

length of soleus_l
label vs prediction: R^2 = 1.0 - RMS = 0.04cm
0.35
0.30
0.25
0.20
0.200
0.225
0.250
0.275
0.300
0.325
0.350
0.375
error distribution
0.4
0.3
0.2
0.1
0.0
0.00000
0.00025
0.00050
0.00075
0.00100
0.00125
0.00150
0.00175
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0010
0.0012
0.0014
0.0016
0.0018
error [m]

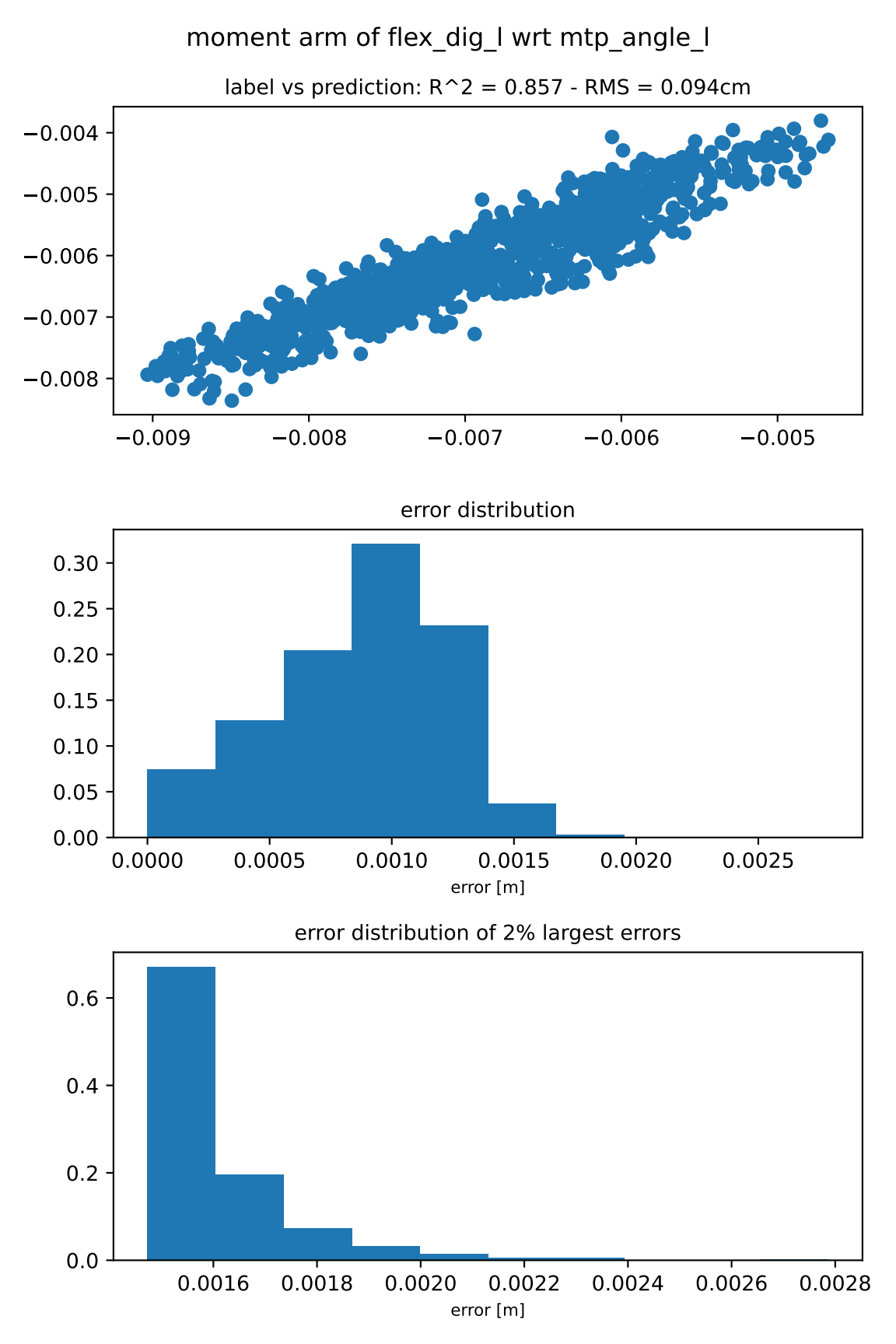

moment arm of tib_post_l wrt ankle_angle_l
label vs prediction: R^2 = 0.98 - RMS = 0.068cm
0.000
−0.005
−0.010
−0.015
−0.0175
−0.0150
−0.0125
−0.0100
−0.0075
−0.0050
−0.0025
0.0000
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
0.008
error [m]
error distribution of 2% largest errors
0.6
0.4
0.2
0.0
0.002
0.003
0.004
0.005
0.006
0.007
0.008
error [m]

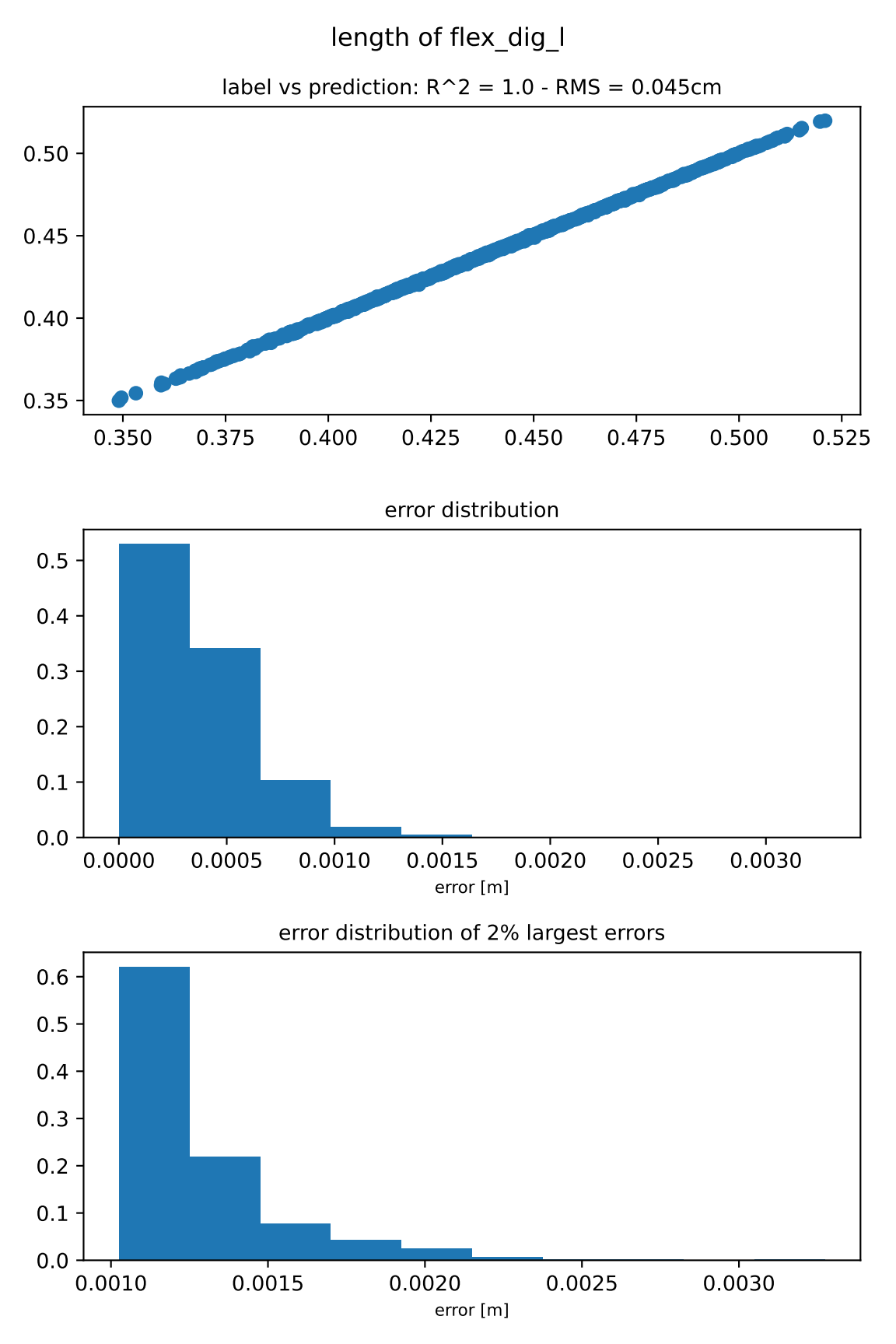

moment arm of tib_post_l wrt subtalar_angle_l
label vs prediction: R^2 = 0.978 - RMS = 0.081cm
0.025
0.020
0.015
0.010
0.005
0.000
0.000
0.005
0.010
0.015
0.020
0.025
error distribution
0.6
0.4
0.2
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.002
0.003
0.004
0.005
0.006
0.007
error [m]

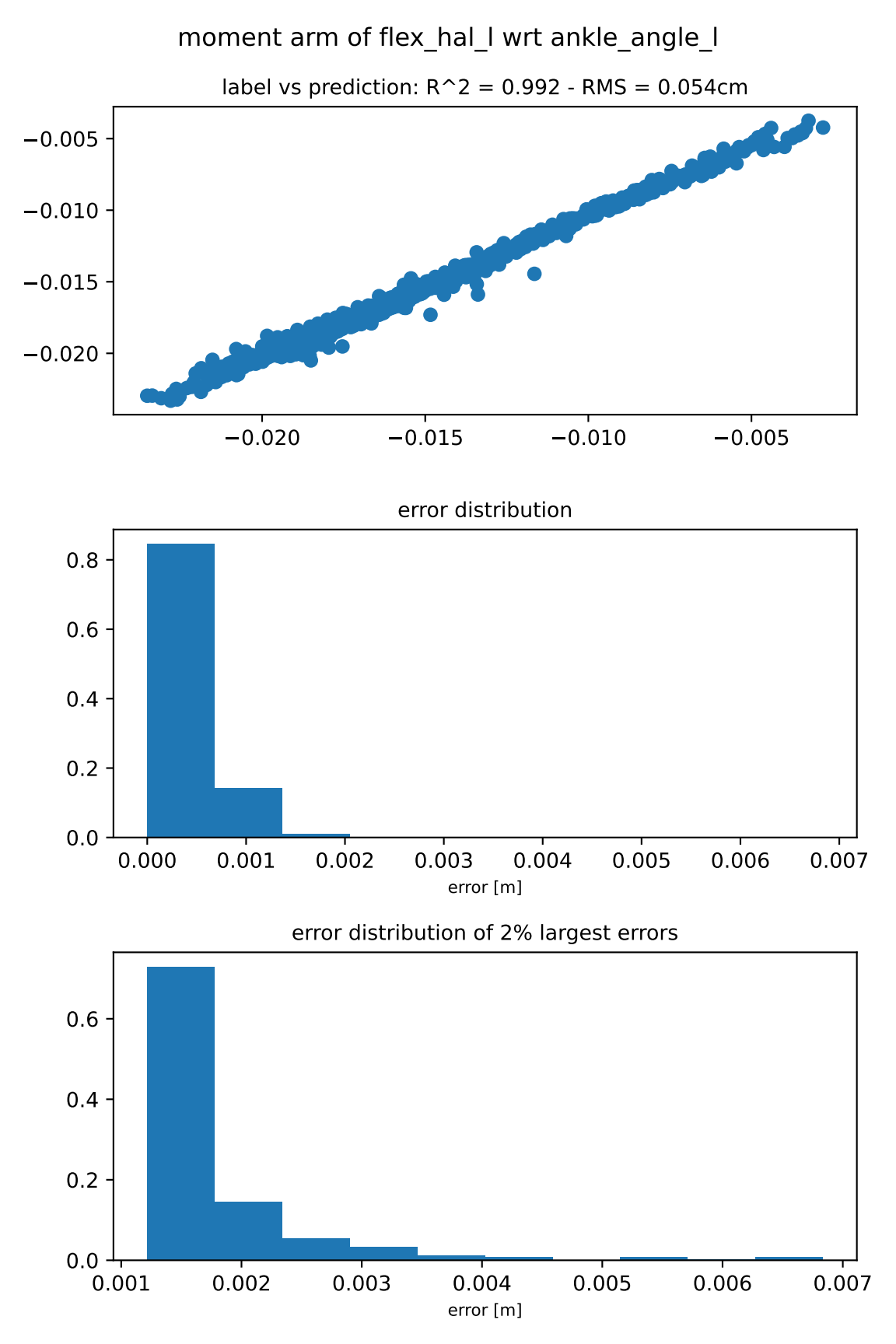

length of tib_post_l
label vs prediction: R^2 = 1.0 - RMS = 0.076cm
0.425
0.400
0.375
0.350
0.325
0.300
0.275
0.28
0.30
0.32
0.34
0.36
0.38
0.40
0.42
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

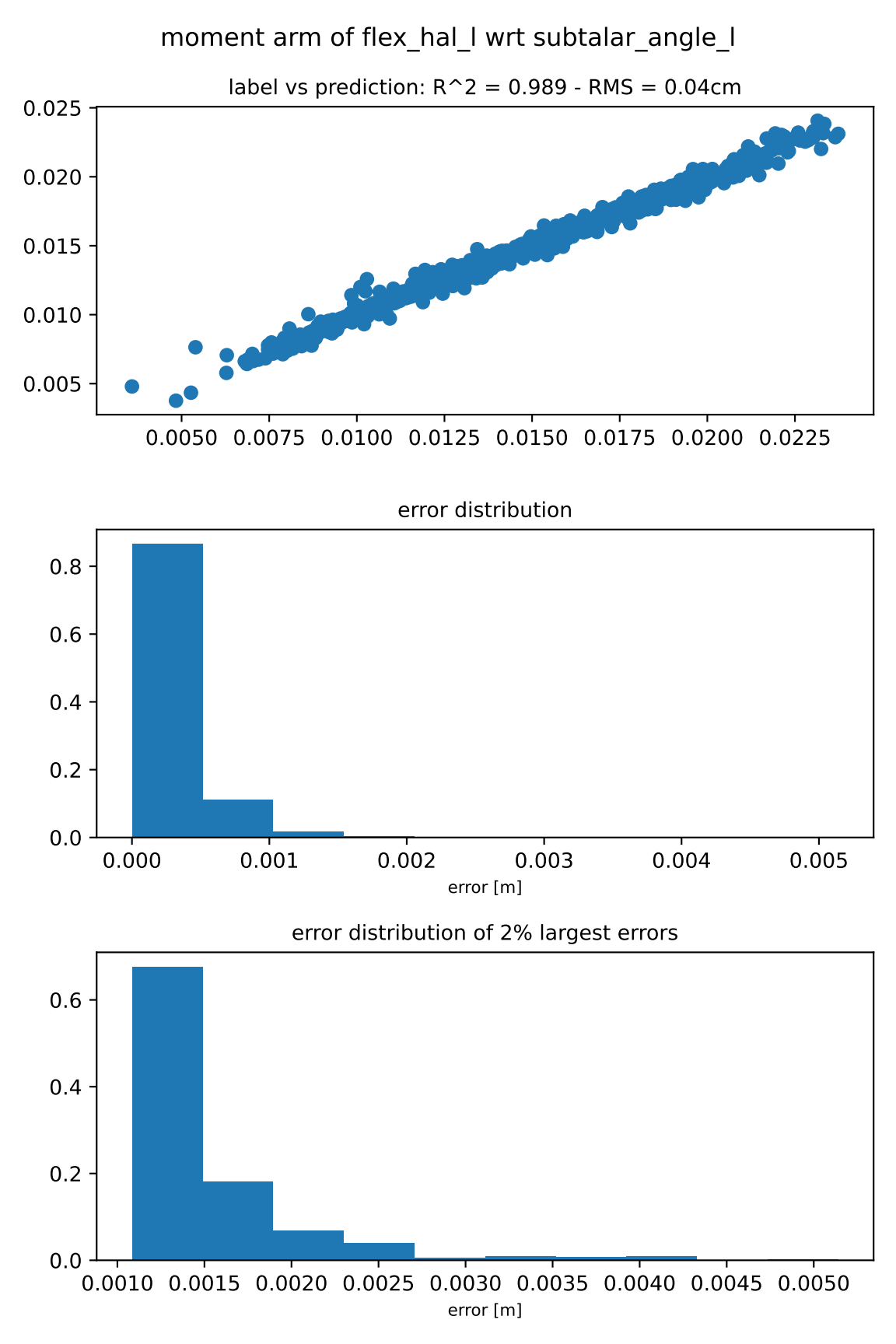

moment arm of flex_dig_l wrt ankle_angle_l
label vs prediction: R^2 = 0.987 - RMS = 0.063cm
0.000
−0.005
−0.010
−0.015
−0.015
−0.010
−0.005
0.000
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.002
0.004
0.006
0.008
0.010
error [m]
error distribution of 2% largest errors
0.8
0.6
0.4
0.2
0.0
0.002
0.004
0.006
0.008
0.010
error [m]

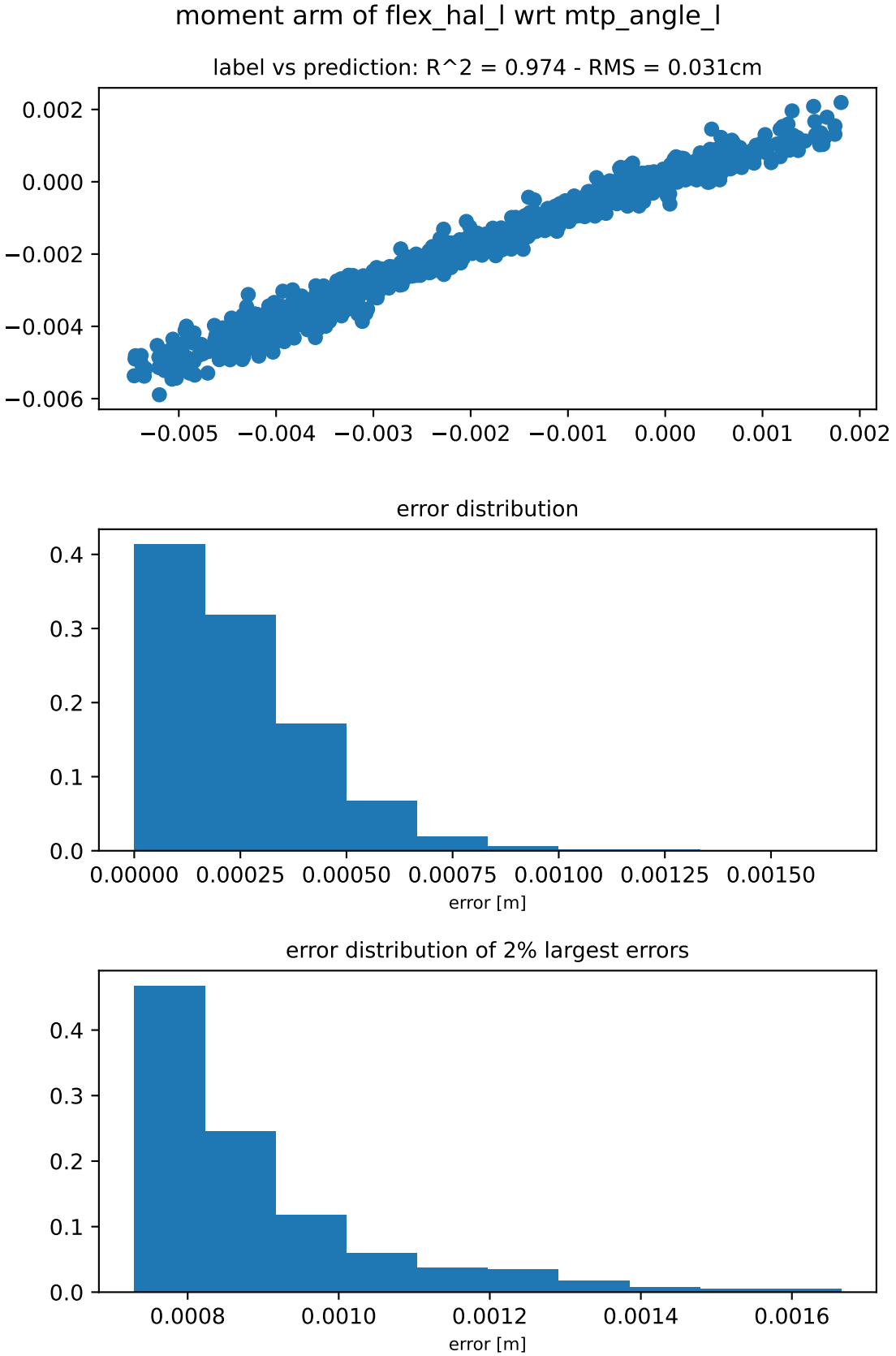

moment arm of flex_dig_l wrt subtalar_angle_l
label vs prediction: R^2 = 0.983 - RMS = 0.075cm
0.025
0.020
0.015
0.010
0.005
0.010
0.015
0.020
0.025
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.002
0.004
0.006
0.008
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.002
0.003
0.004
0.005
0.006
0.007
0.008
0.009
error [m]

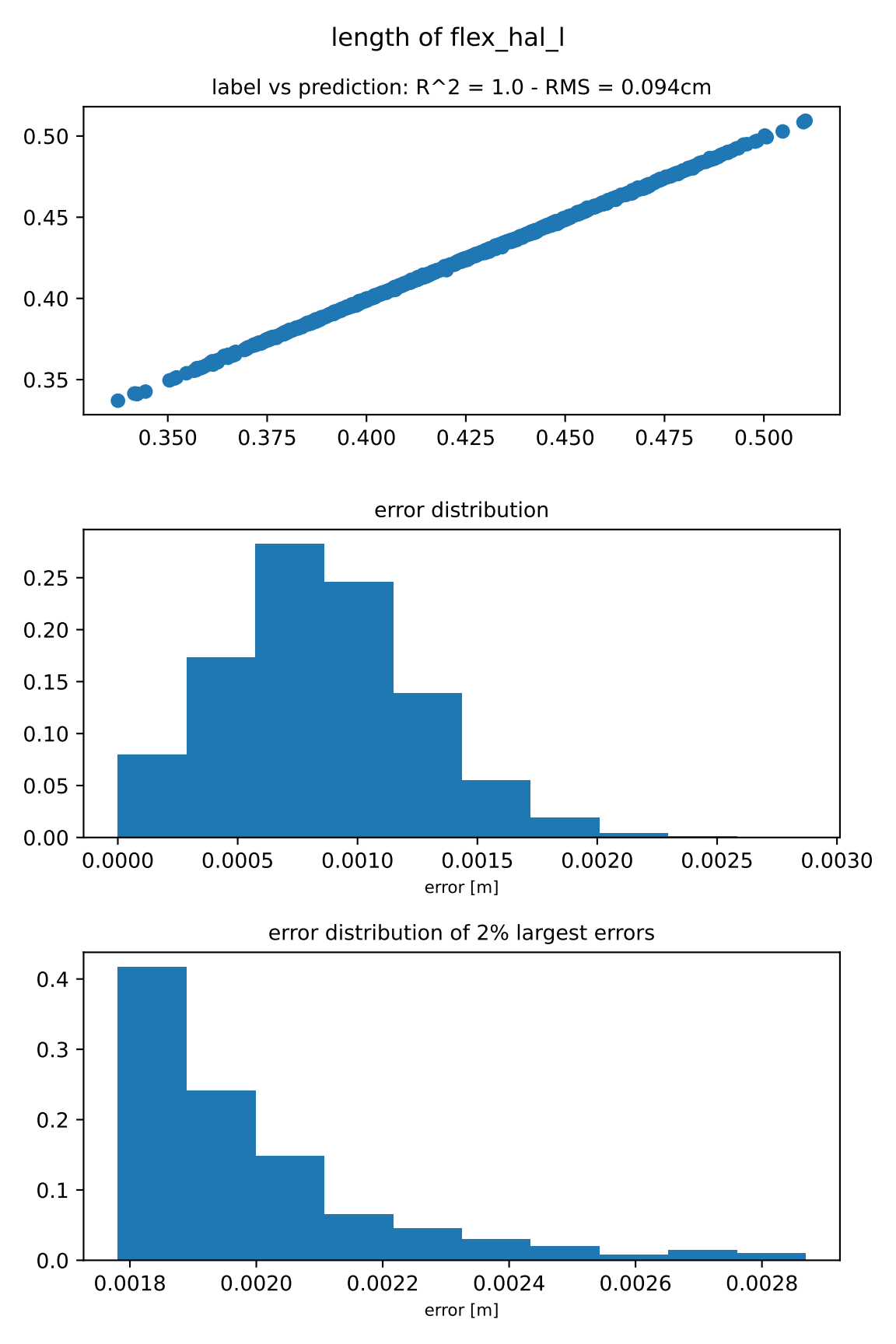

moment arm of flex_dig_l wrt mtp_angle_l
label vs prediction: R^2 = 0.857 - RMS = 0.094cm
−0.004
−0.005
−0.006
−0.007
−0.008
−0.009
−0.008
−0.007
−0.006
−0.005
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
error [m]
error distribution of 2% largest errors
0.6
0.4
0.2
0.0
0.0016
0.0018
0.0020
0.0022
0.0024
0.0026
0.0028
error [m]

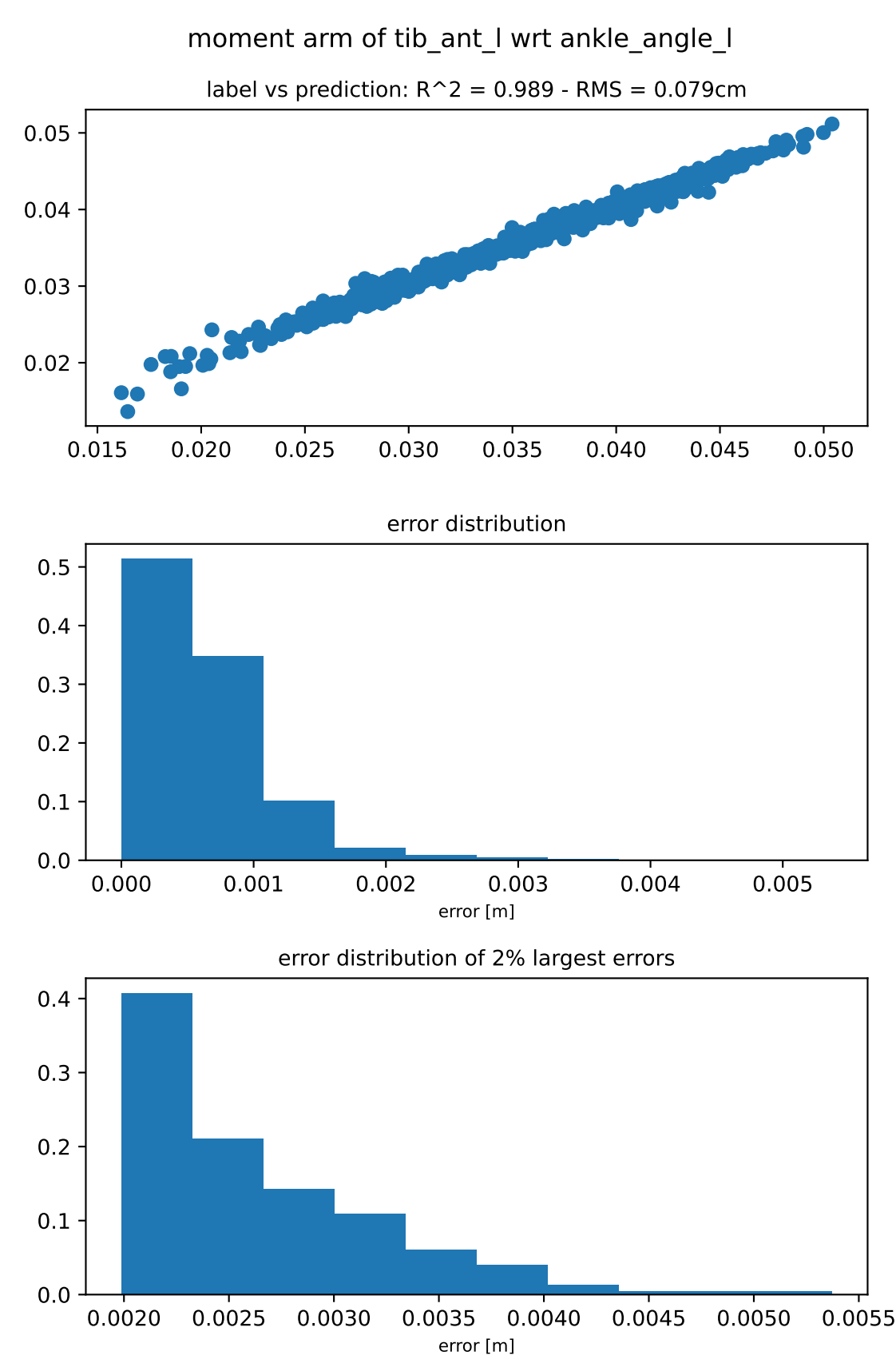

length of flex_dig_l
label vs prediction: R^2 = 1.0 - RMS = 0.045cm
0.50
0.45
0.40
0.35
0.350
0.375
0.400
0.425
0.450
0.475
0.500
0.525
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]

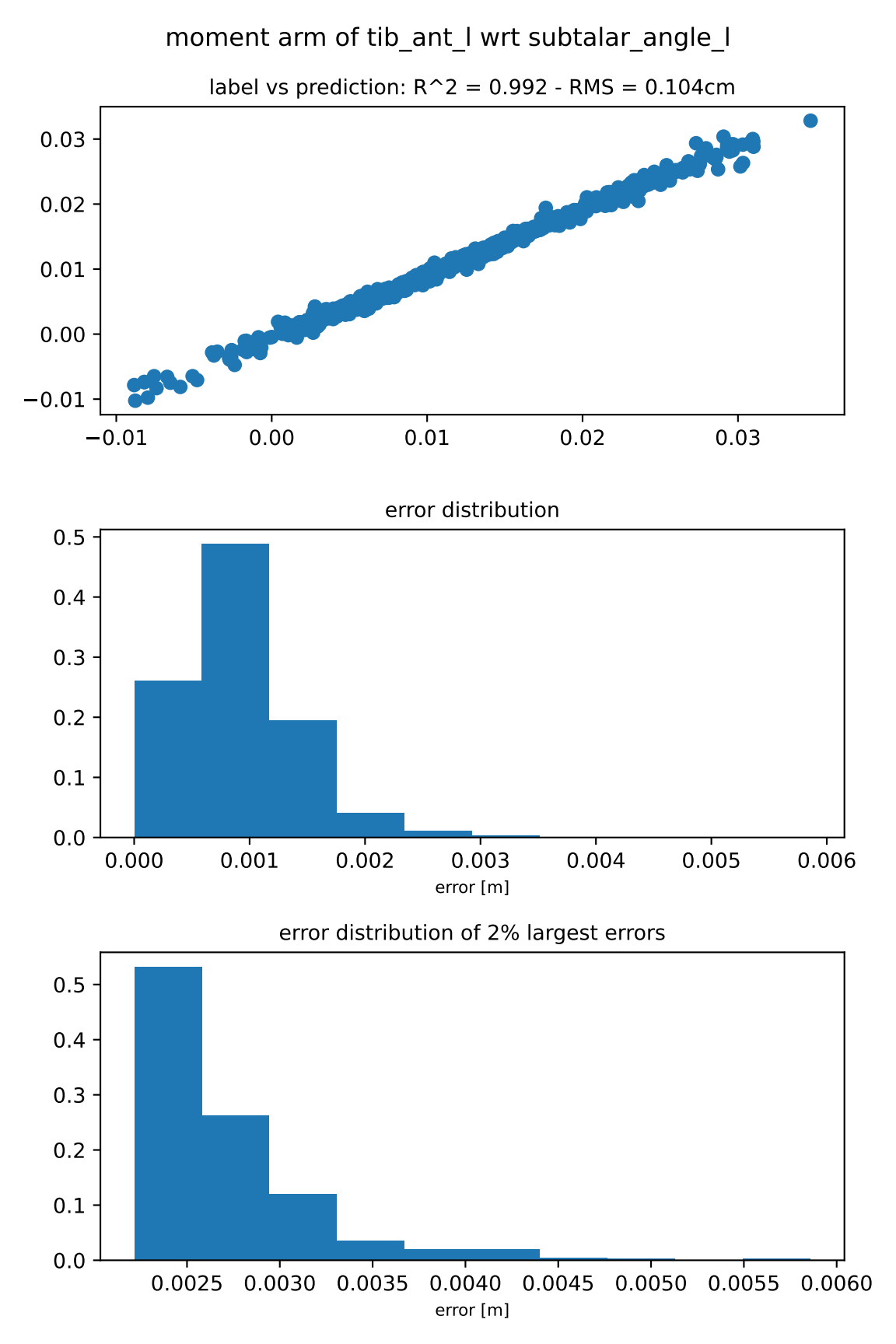

moment arm of flex_hal_l wrt ankle_angle_l
label vs prediction: R^2 = 0.992 - RMS = 0.054cm
−0.005
−0.010
−0.015
−0.020
−0.020
−0.015
−0.010
−0.005
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error [m]
error distribution of 2% largest errors
0.6
0.4
0.2
0.0
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error [m]

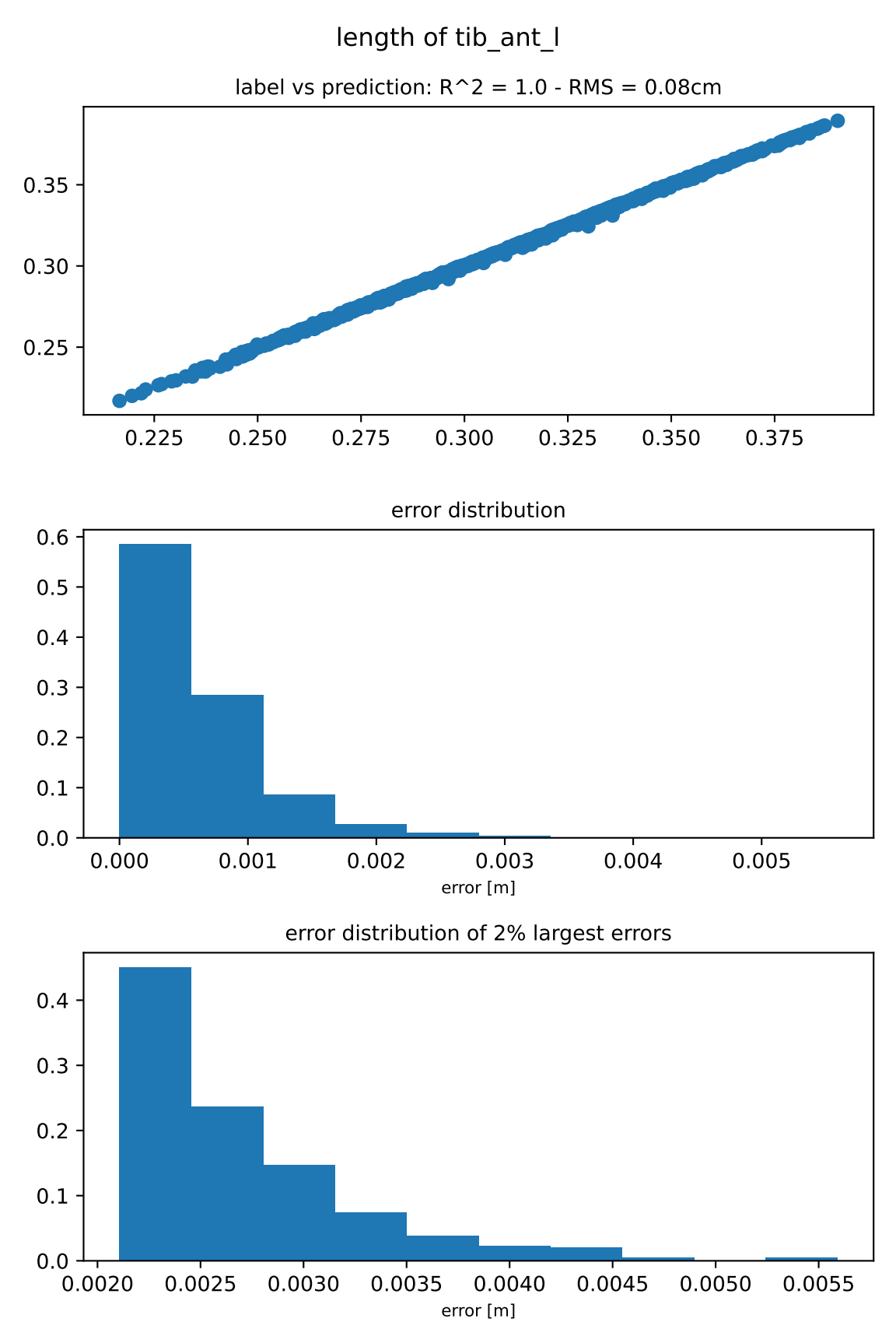

moment arm of flex_hal_l wrt subtalar_angle_l
label vs prediction: R^2 = 0.989 - RMS = 0.04cm
0.025
0.020
0.015
0.010
0.005
0.0050
0.0075
0.0100
0.0125
0.0150
0.0175
0.0200
0.0225
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.6
0.4
0.2
0.0
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

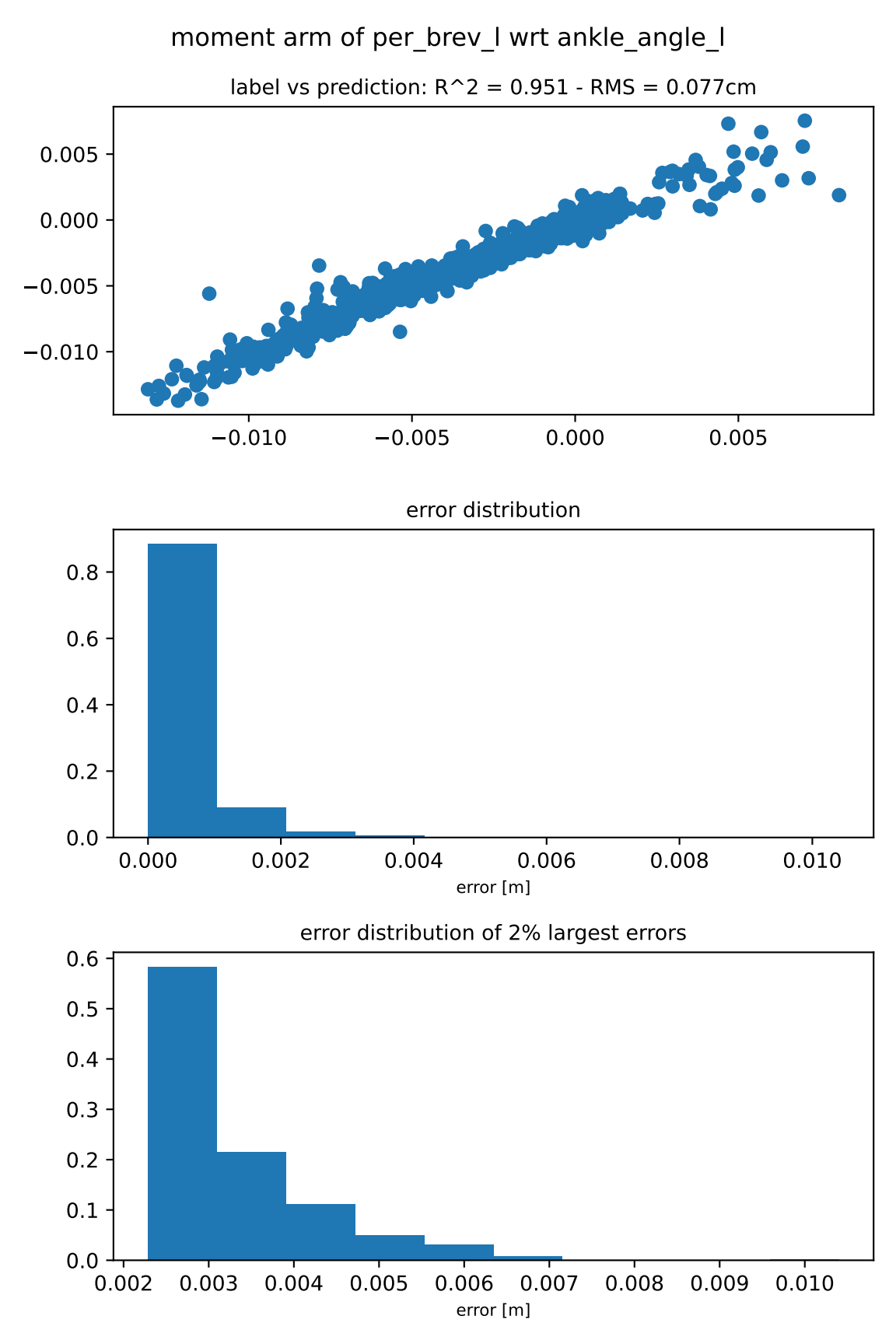

moment arm of flex_hal_l wrt mtp_angle_l
label vs prediction: R^2 = 0.974 - RMS = 0.031cm
0.002
0.000
−0.002
−0.004
−0.006
−0.005
−0.004
−0.003
−0.002
−0.001
0.000
0.001
0.002
error distribution
0.4
0.3
0.2
0.1
0.0
0.00000
0.00025
0.00050
0.00075
0.00100
0.00125
0.00150
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0008
0.0010
0.0012
0.0014
0.0016
error [m]

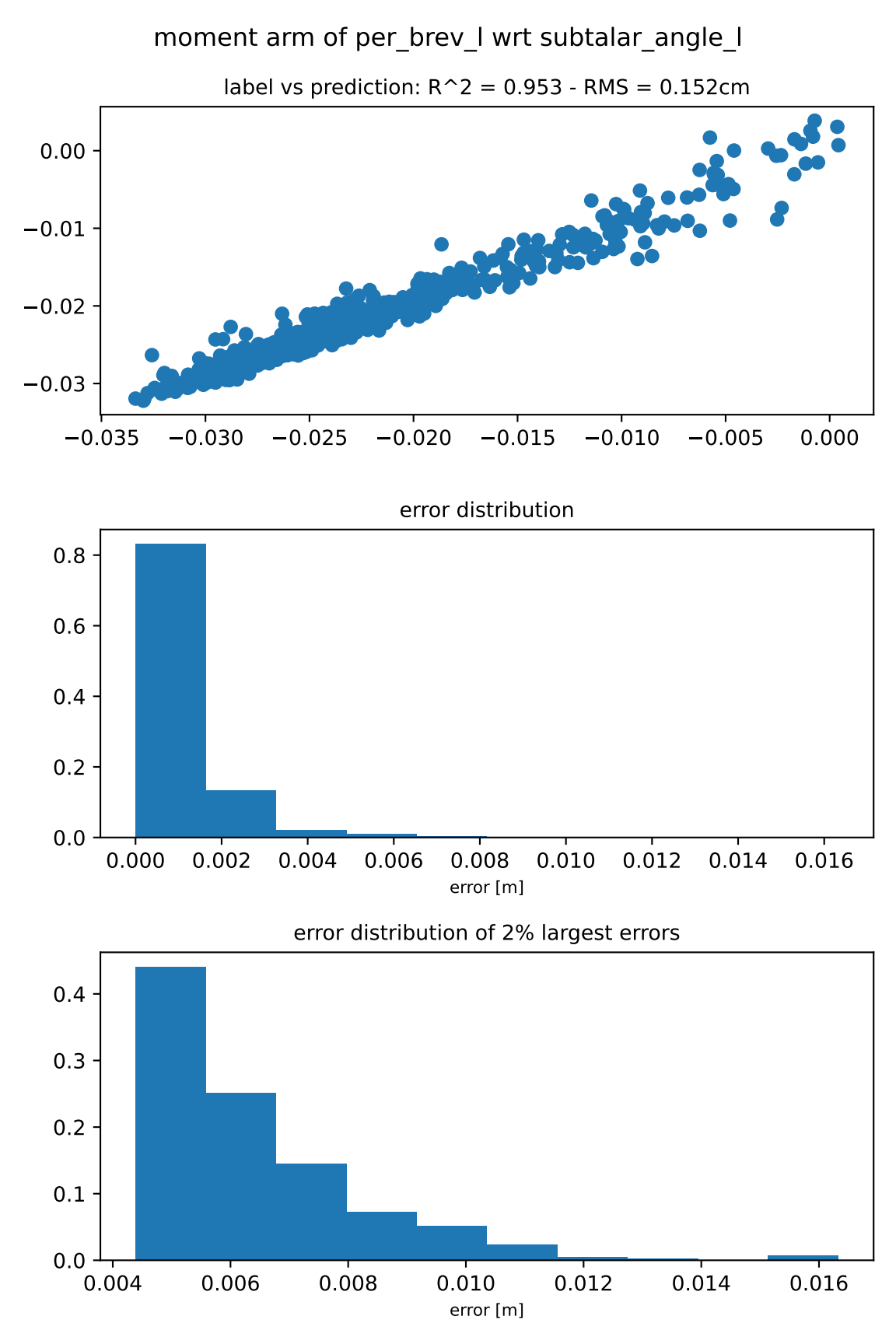

length of flex_hal_l
label vs prediction: R^2 = 1.0 - RMS = 0.094cm
0.50
0.45
0.40
0.35
0.350
0.375
0.400
0.425
0.450
0.475
0.500
error distribution
0.25
0.20
0.15
0.10
0.05
0.00
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0018
0.0020
0.0022
0.0024
0.0026
0.0028
error [m]

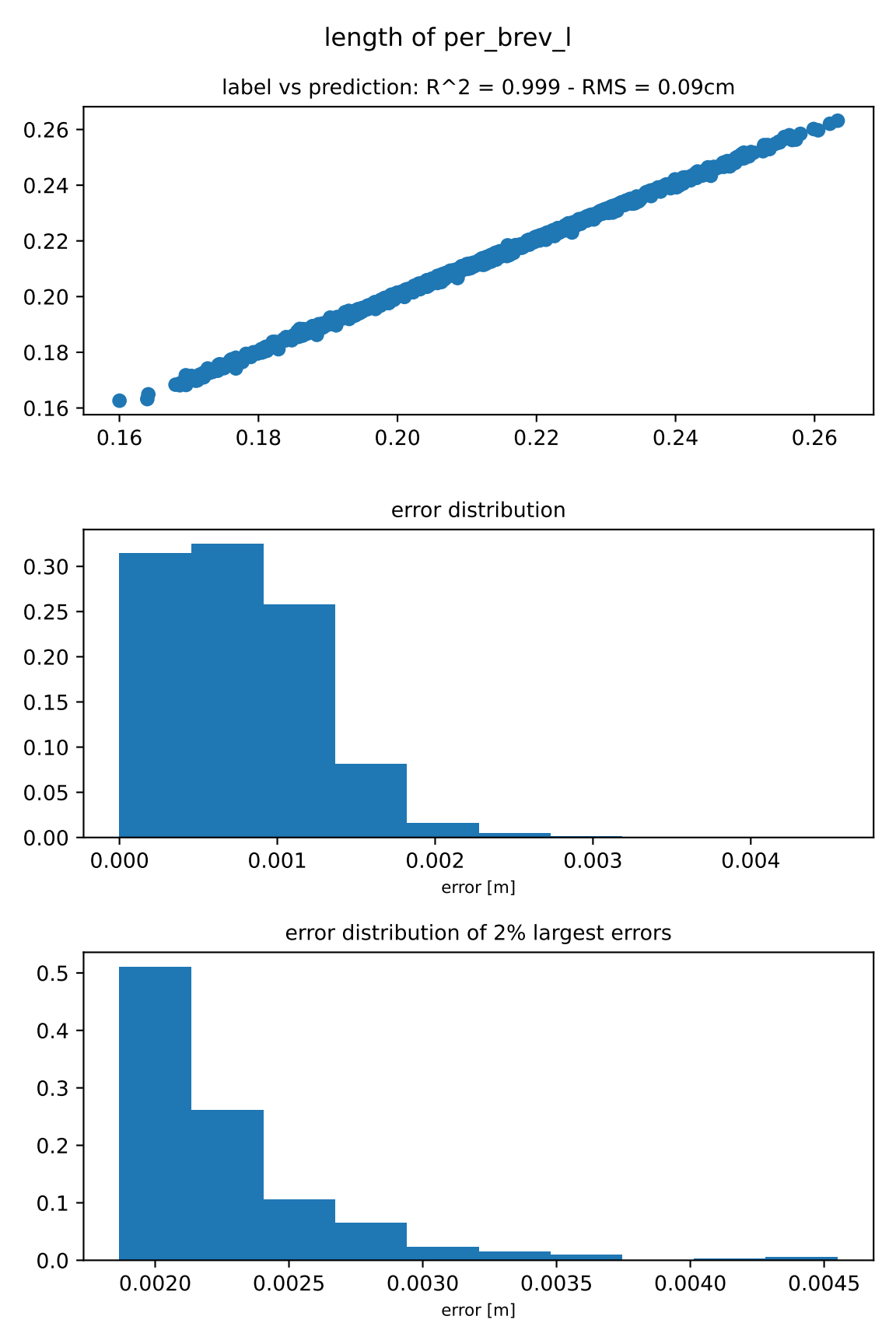

moment arm of tib_ant_l wrt ankle_angle_l
label vs prediction: R^2 = 0.989 - RMS = 0.079cm
0.05
0.04
0.03
0.02
0.015
0.020
0.025
0.030
0.035
0.040
0.045
0.050
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
0.0055
error [m]

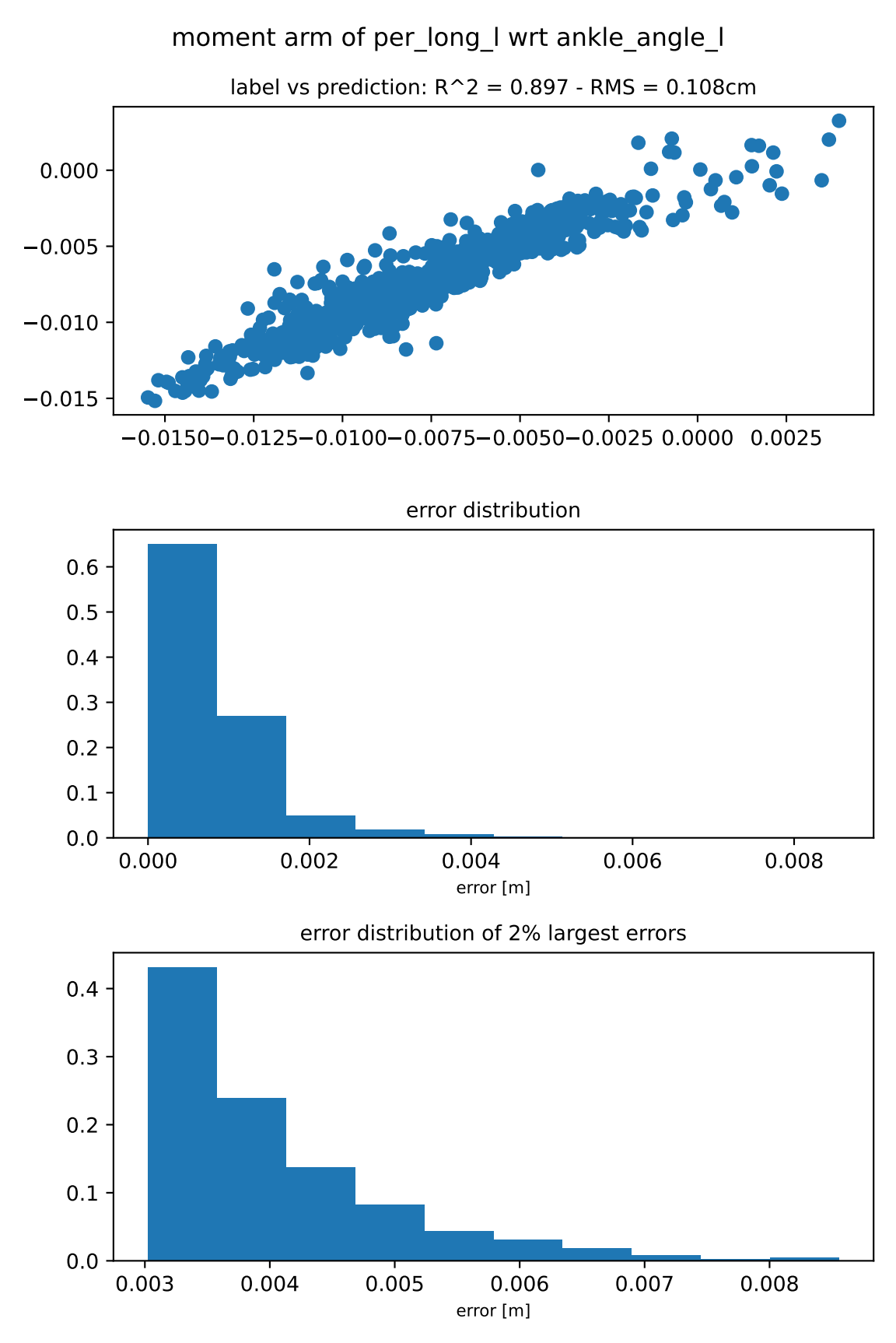

moment arm of tib_ant_l wrt subtalar_angle_l
label vs prediction: R^2 = 0.992 - RMS = 0.104cm
0.03
0.02
0.01
0.00
−0.01
−0.01
0.00
0.01
0.02
0.03
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
0.0055
0.0060
error [m]

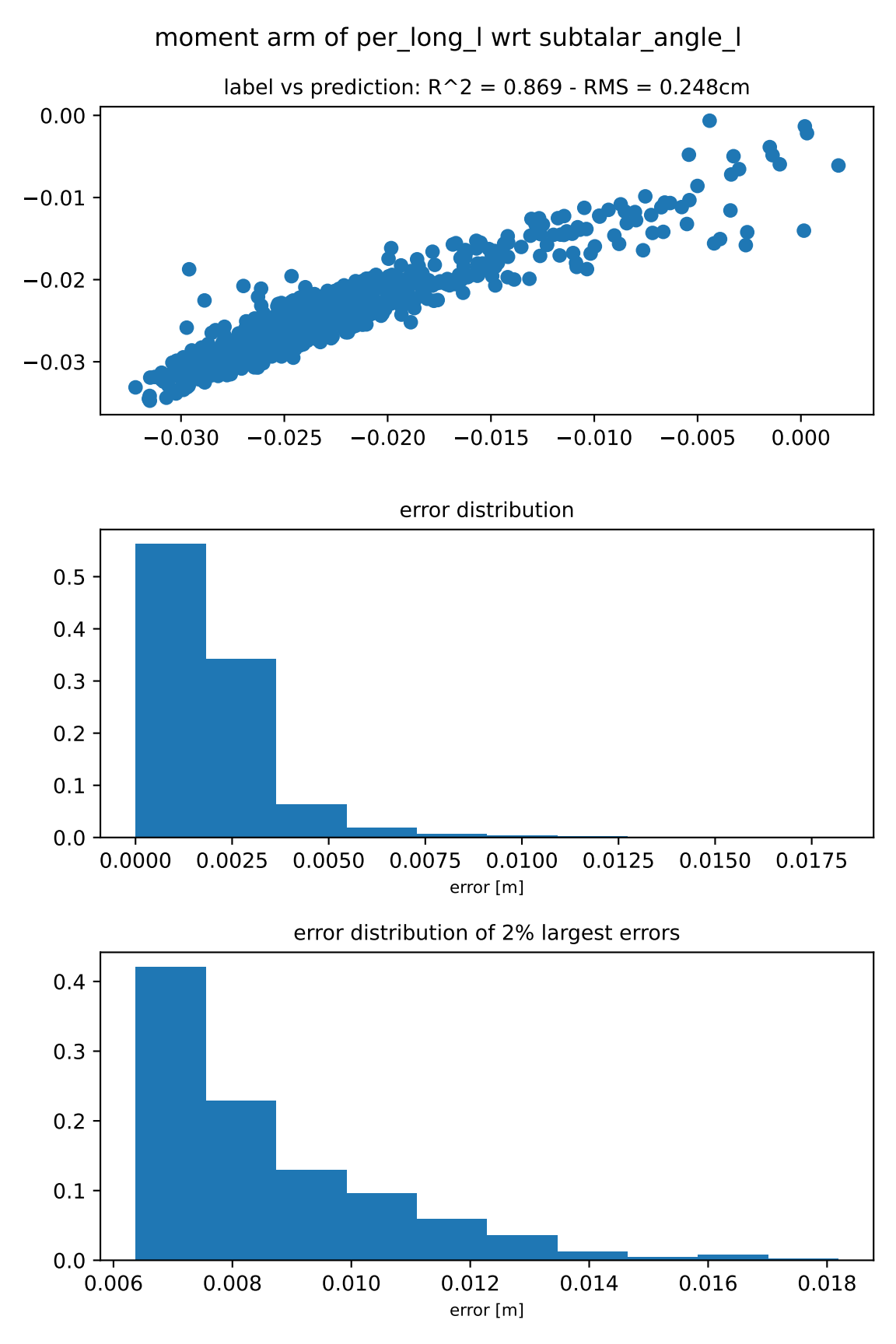

length of tib_ant_l
label vs prediction: R^2 = 1.0 - RMS = 0.08cm
0.35
0.30
0.25
0.225
0.250
0.275
0.300
0.325
0.350
0.375
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
0.0055
error [m]

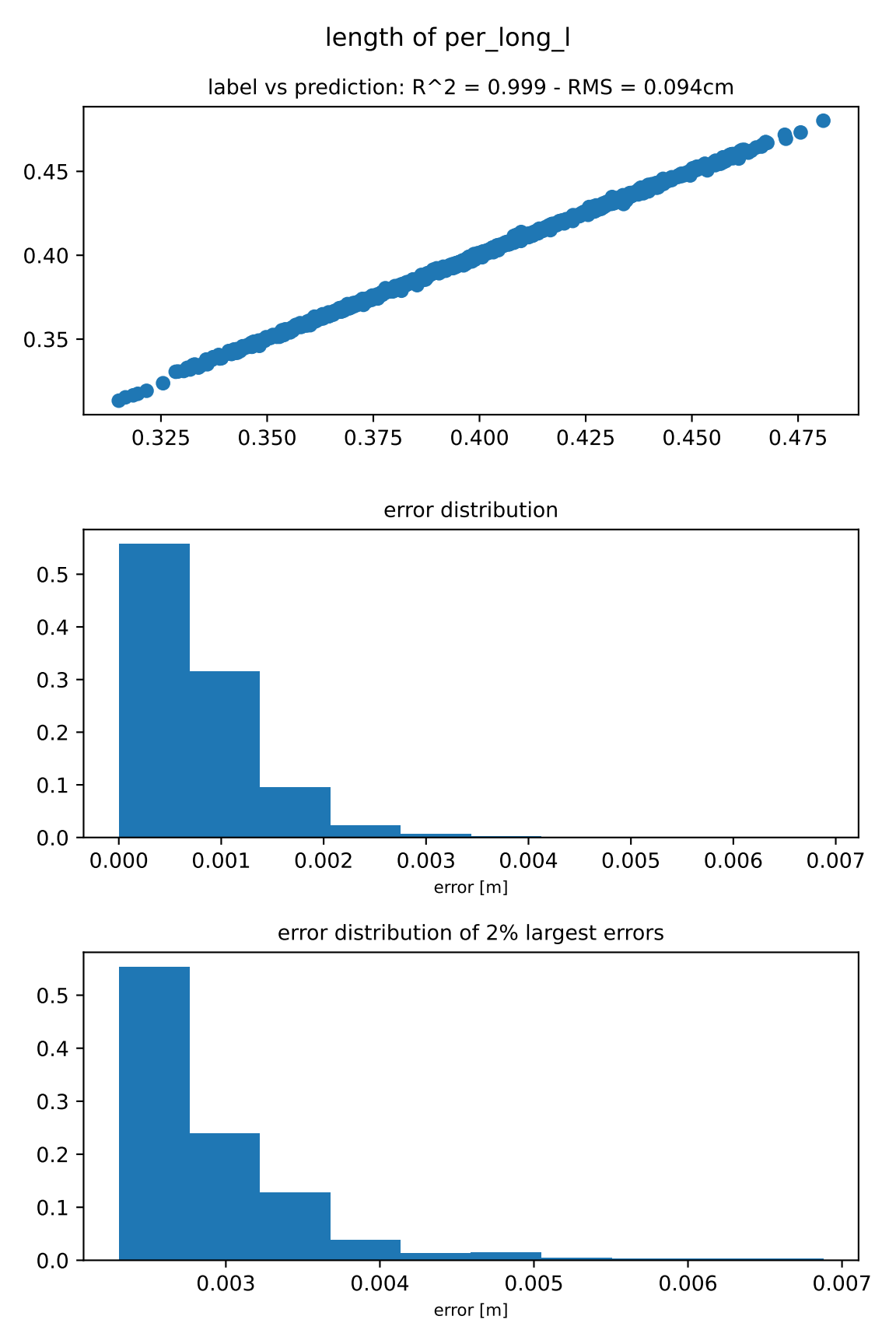

moment arm of per_brev_l wrt ankle_angle_l
label vs prediction: R^2 = 0.951 - RMS = 0.077cm
0.005
0.000
−0.005
−0.010
−0.010
−0.005
0.000
0.005
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.002
0.004
0.006
0.008
0.010
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.002
0.003
0.004
0.005
0.006
0.007
0.008
0.009
0.010
error [m]

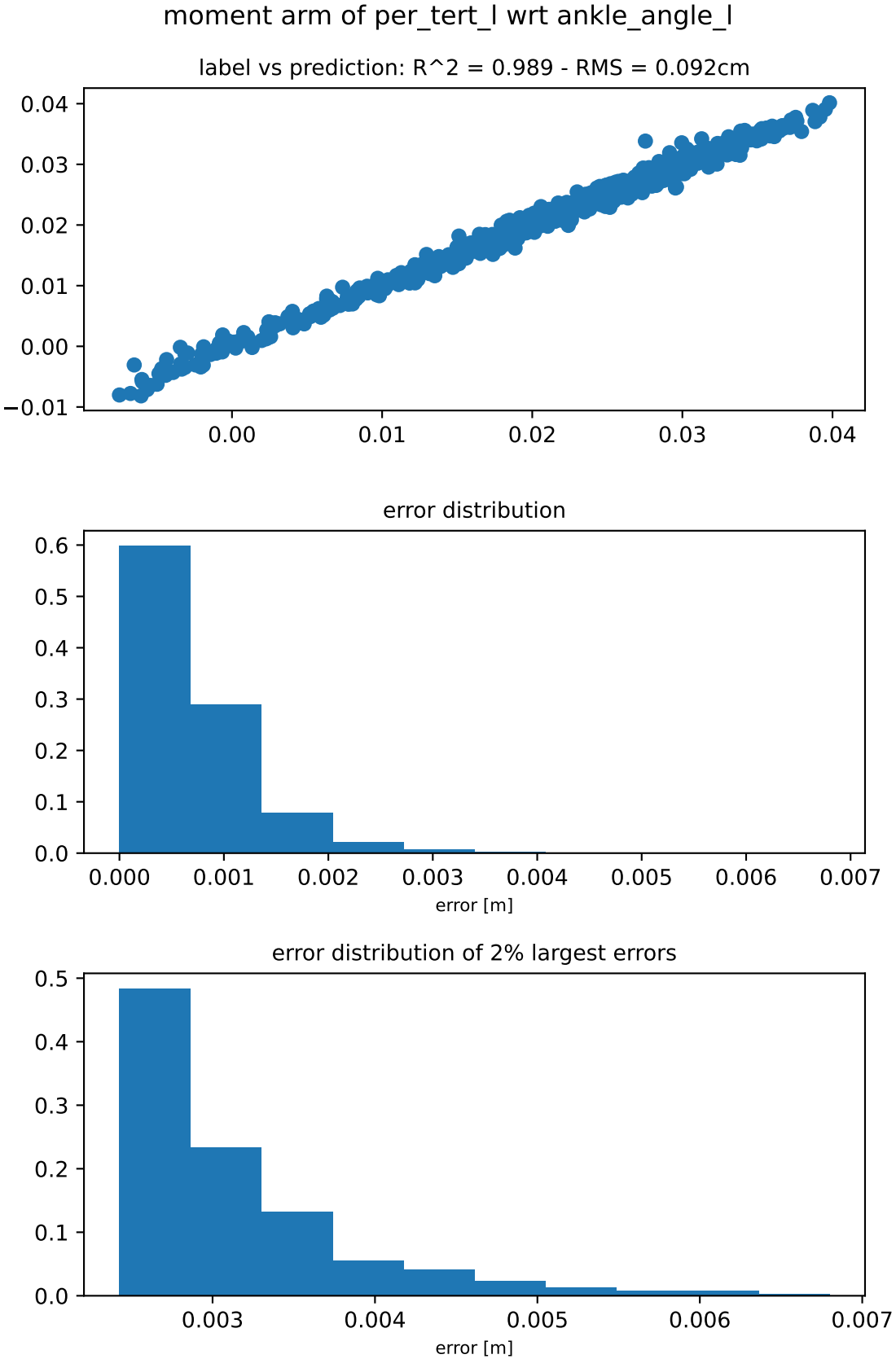

moment arm of per_brev_l wrt subtalar_angle_l
label vs prediction: R^2 = 0.953 - RMS = 0.152cm
0.00
−0.01
−0.02
−0.03
−0.035
−0.030
−0.025
−0.020
−0.015
−0.010
−0.005
0.000
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.002
0.004
0.006
0.008
0.010
0.012
0.014
0.016
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.004
0.006
0.008
0.010
0.012
0.014
0.016
error [m]

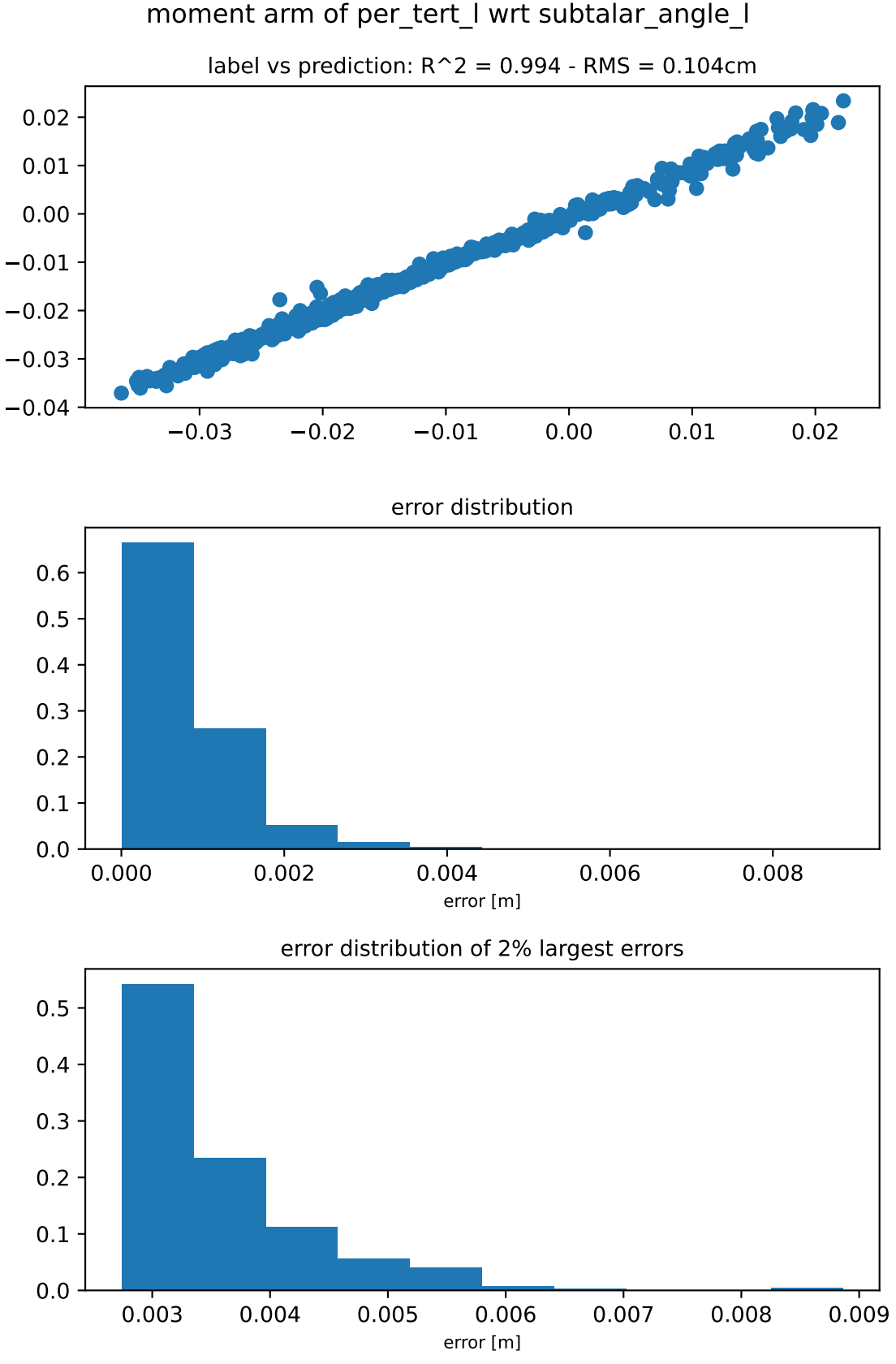

length of per_brev_l
label vs prediction: R^2 = 0.999 - RMS = 0.09cm
0.26
0.24
0.22
0.20
0.18
0.16
0.16
0.18
0.20
0.22
0.24
0.26
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.000
0.001
0.002
0.003
0.004
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0020
0.0025
0.0030
0.0035
0.0040
0.0045
error [m]

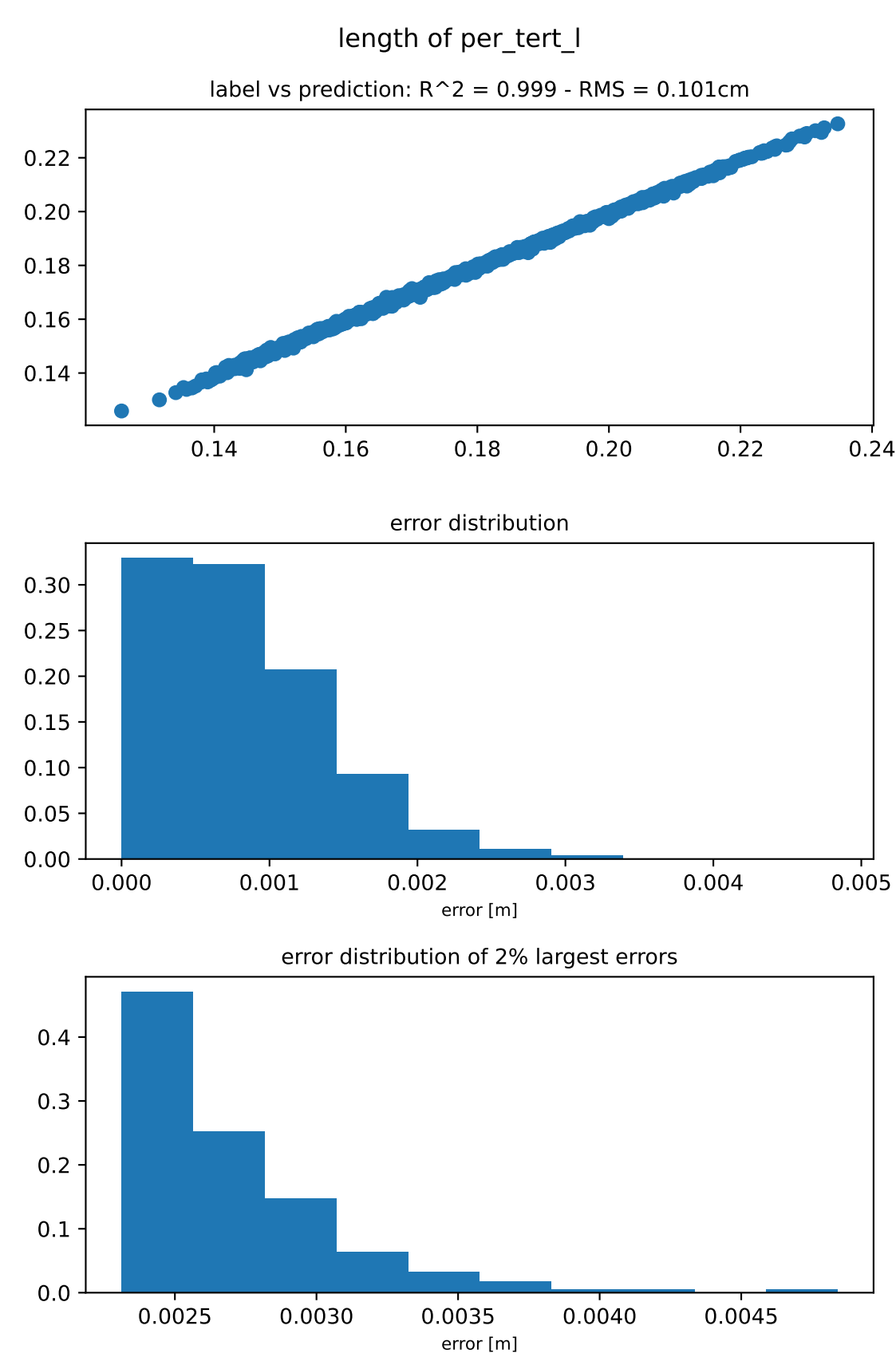

moment arm of per_long_l wrt ankle_angle_l
label vs prediction: R^2 = 0.897 - RMS = 0.108cm
0.000
−0.005
−0.010
−0.015
−0.0150
−0.0125
−0.0100
−0.0075
−0.0050
−0.0025
0.0000
0.0025
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.002
0.004
0.006
0.008
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.003
0.004
0.005
0.006
0.007
0.008
error [m]

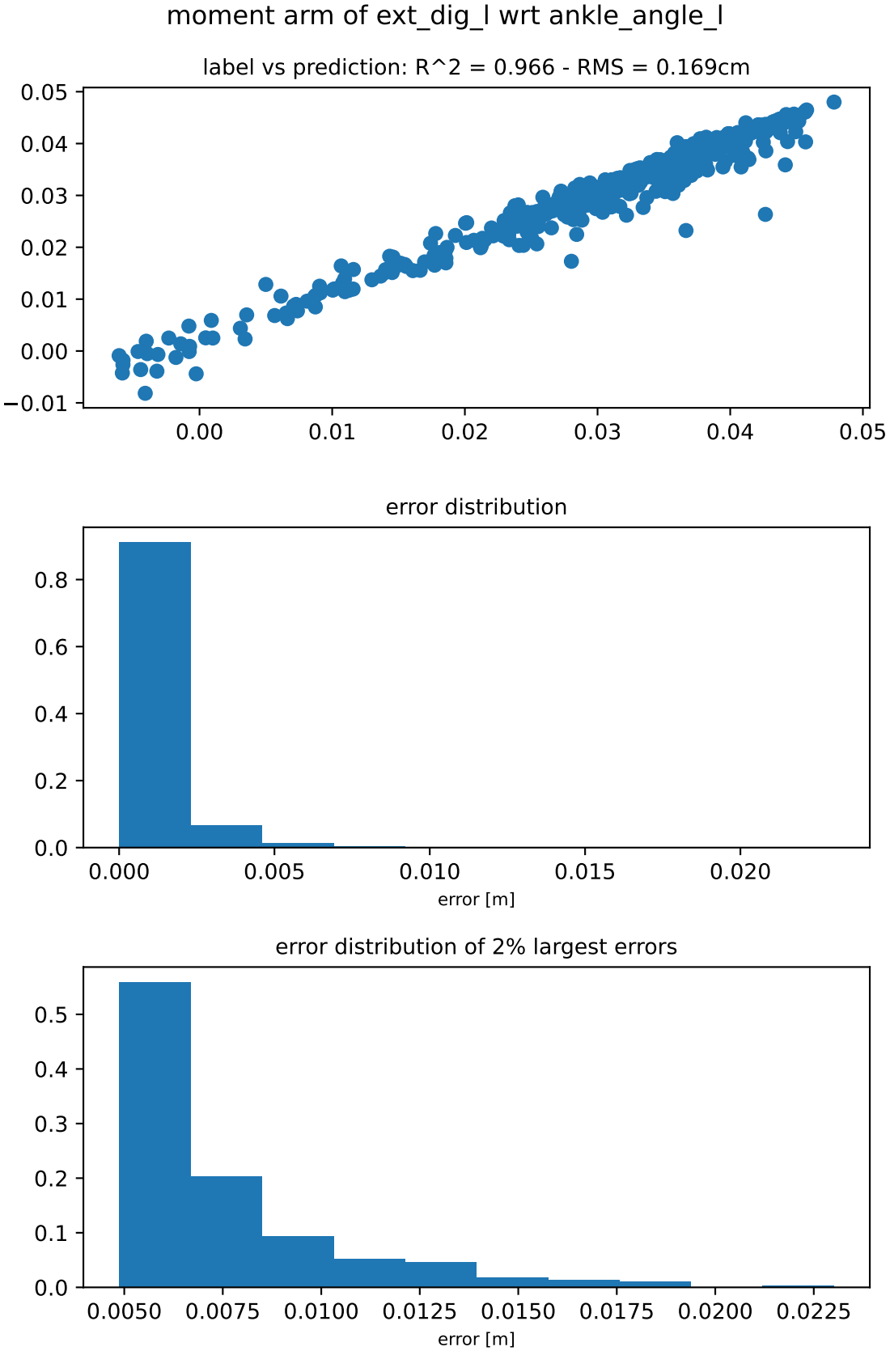

moment arm of per_long_l wrt subtalar_angle_l
label vs prediction: R^2 = 0.869 - RMS = 0.248cm
0.00
−0.01
−0.02
−0.03
−0.030
−0.025
−0.020
−0.015
−0.010
−0.005
0.000
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0025
0.0050
0.0075
0.0100
0.0125
0.0150
0.0175
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.006
0.008
0.010
0.012
0.014
0.016
0.018
error [m]

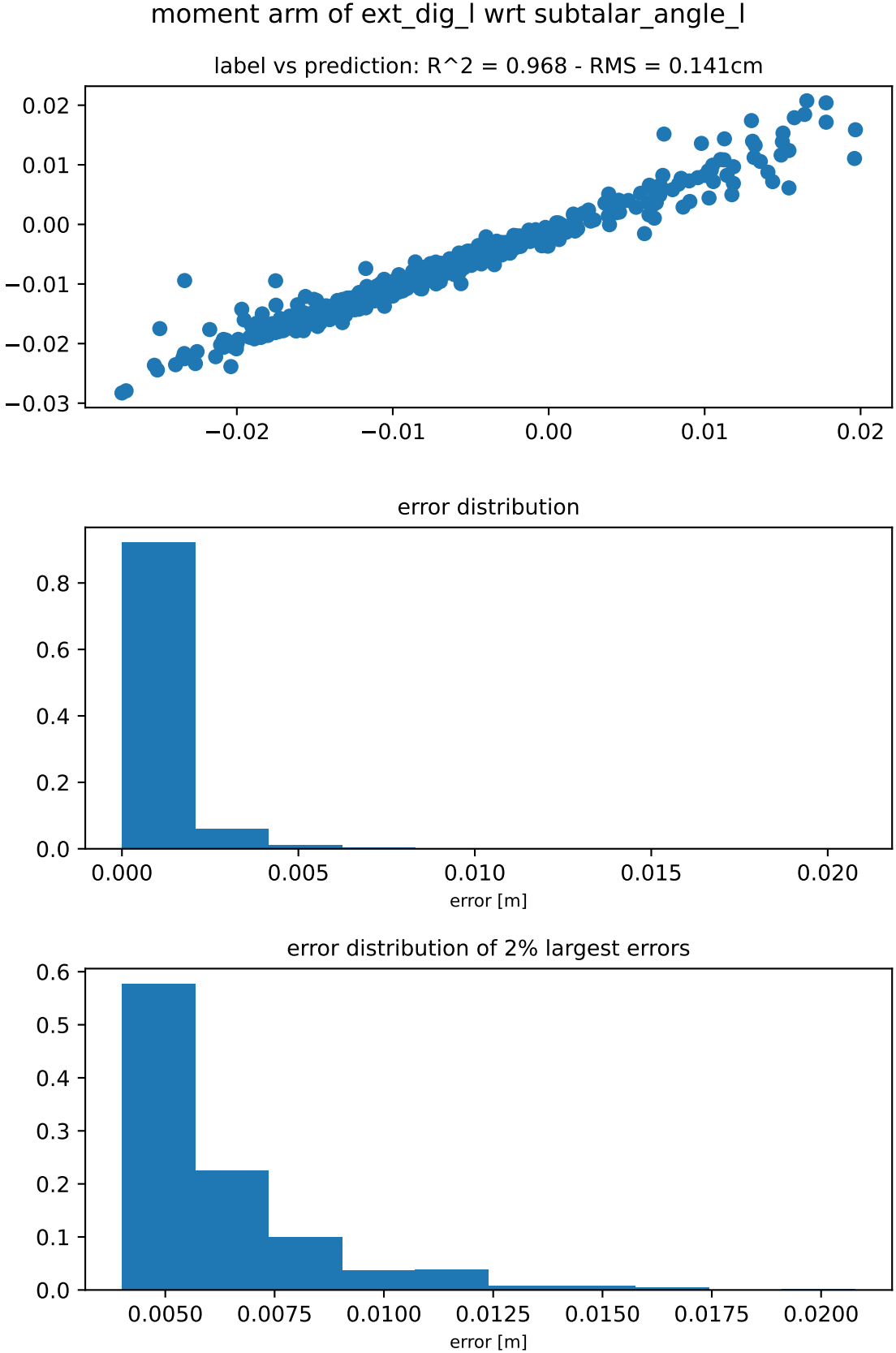

length of per_long_l
label vs prediction: R^2 = 0.999 - RMS = 0.094cm
0.45
0.40
0.35
0.325
0.350
0.375
0.400
0.425
0.450
0.475
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.003
0.004
0.005
0.006
0.007
error [m]

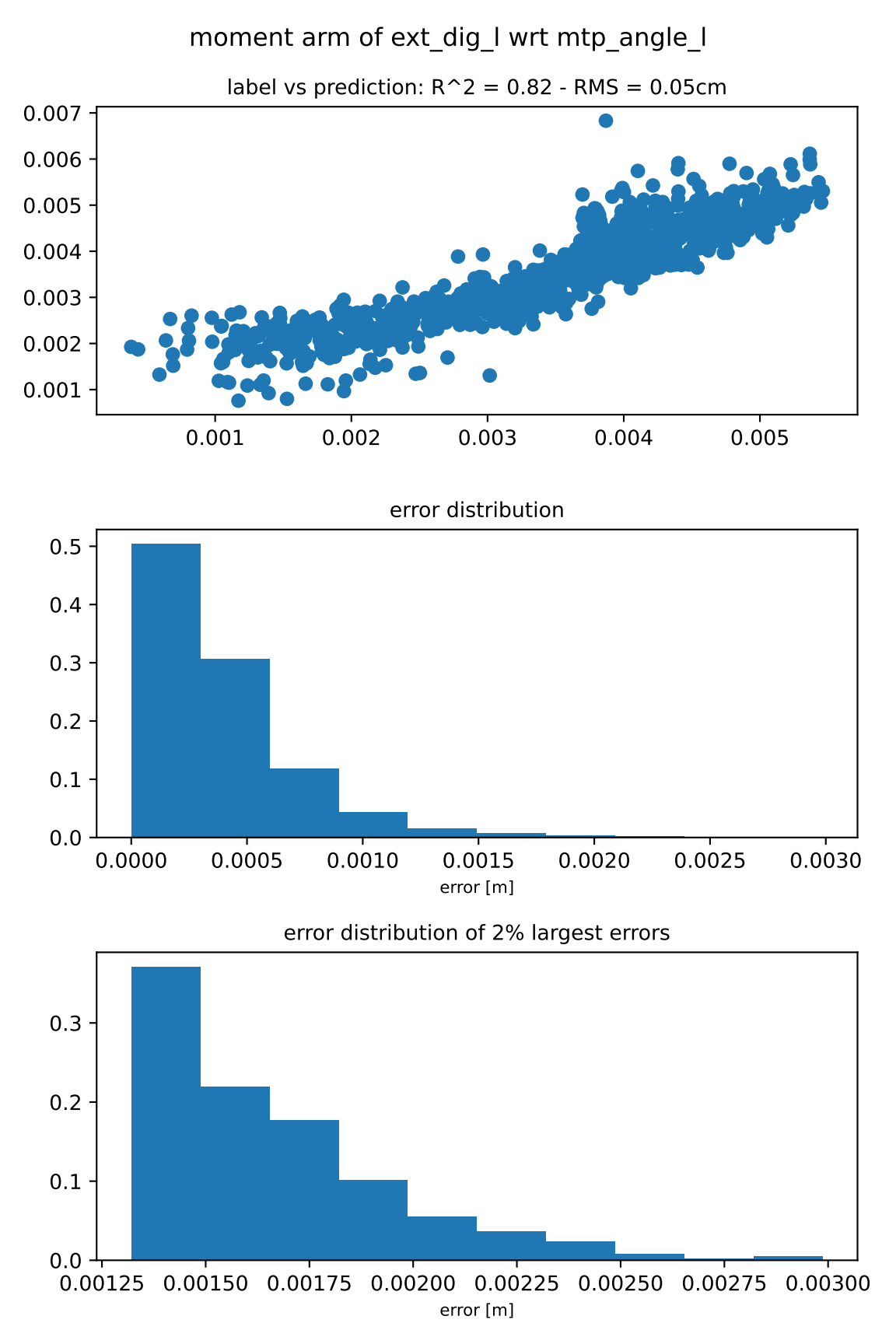

moment arm of per_tert_l wrt ankle_angle_l
label vs prediction: R^2 = 0.989 - RMS = 0.092cm
0.04
0.03
0.02
0.01
0.00
−0.01
0.00
0.01
0.02
0.03
0.04
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.003
0.004
0.005
0.006
0.007
error [m]

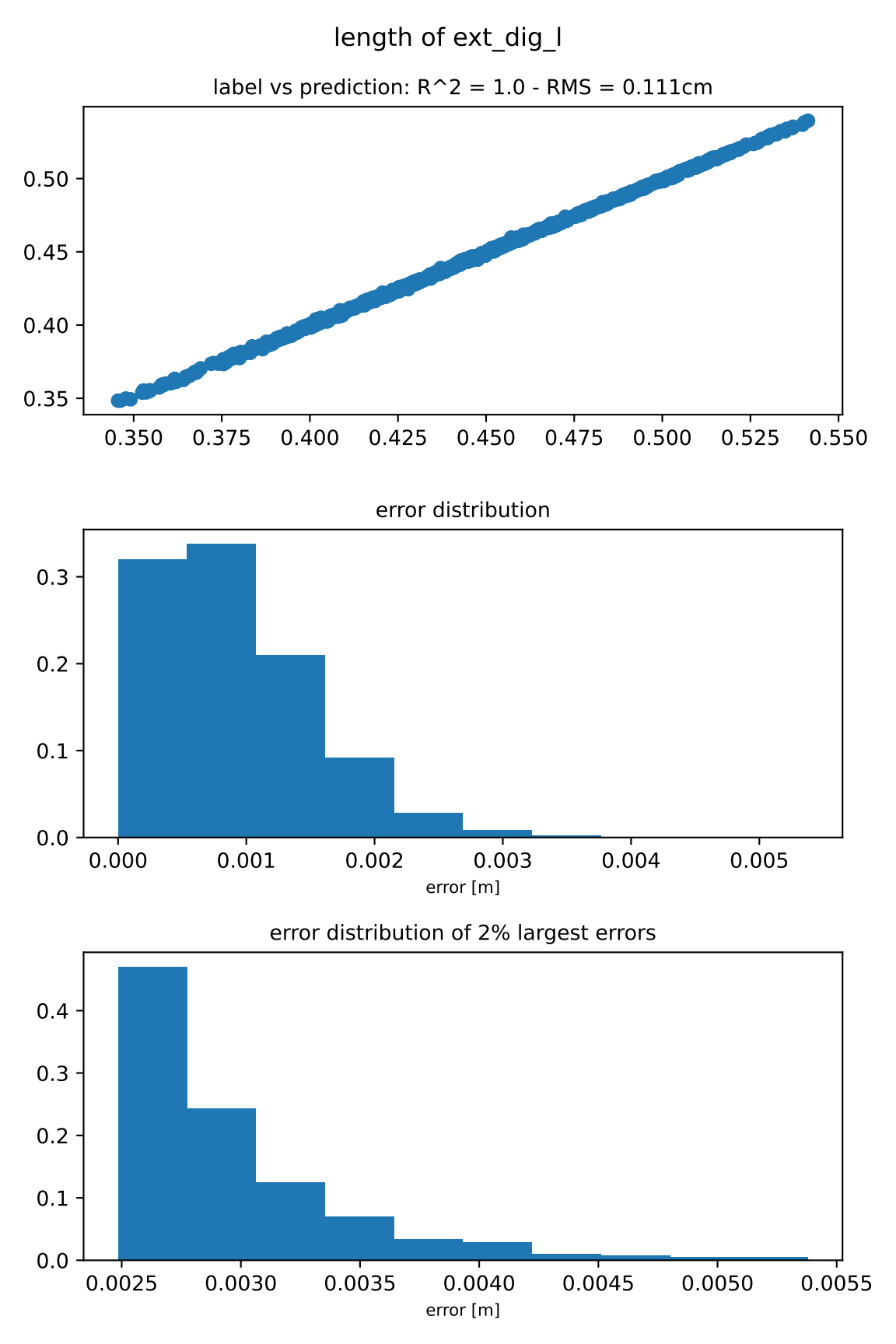

moment arm of per_tert_l wrt subtalar_angle_l
label vs prediction: R^2 = 0.994 - RMS = 0.104cm
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.03
−0.02
−0.01
0.00
0.01
0.02
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.002
0.004
0.006
0.008
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.003
0.004
0.005
0.006
0.007
0.008
0.009
error [m]

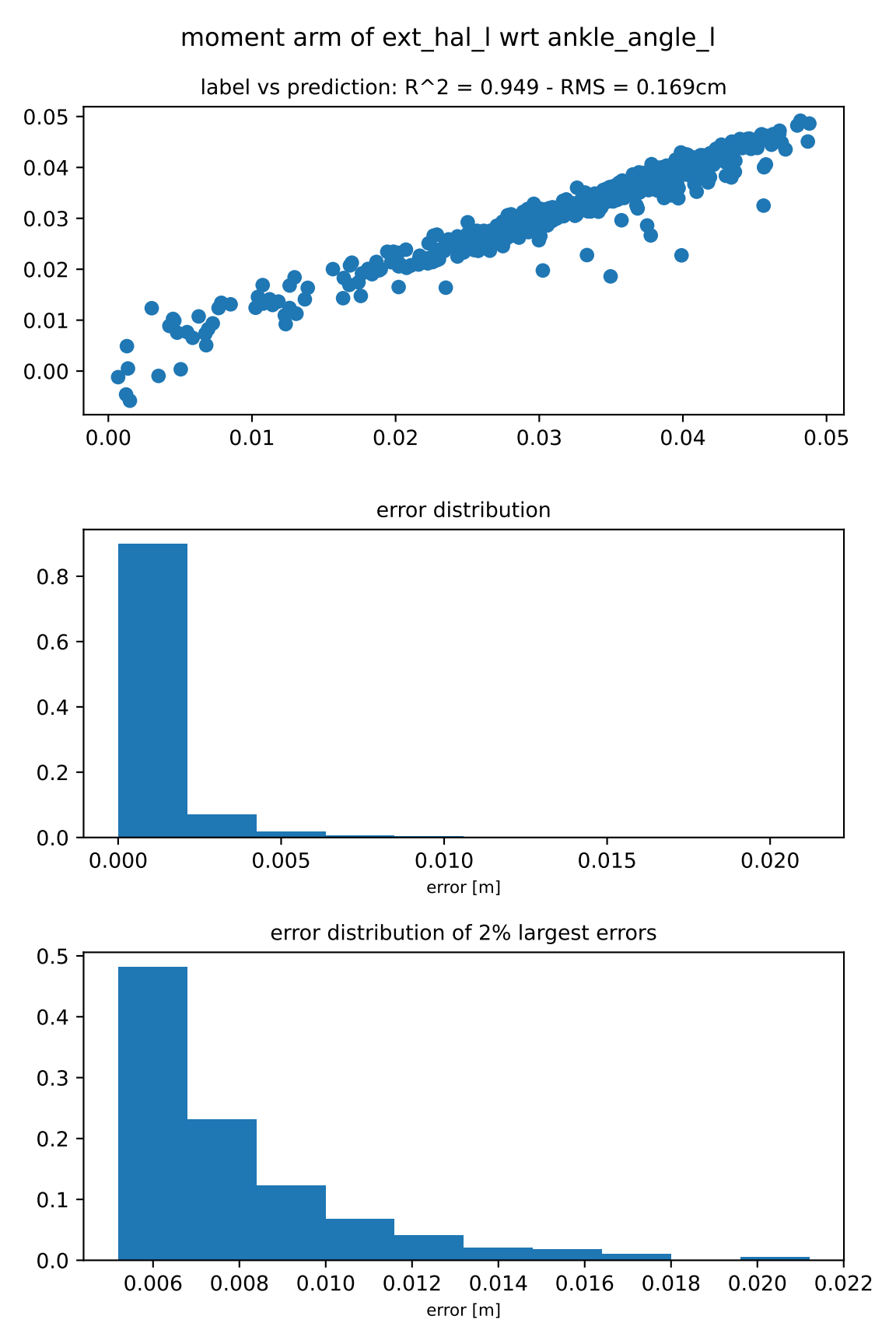

length of per_tert_l
label vs prediction: R^2 = 0.999 - RMS = 0.101cm
0.22
0.20
0.18
0.16
0.14
0.14
0.16
0.18
0.20
0.22
0.24
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0025
0.0030
0.0035
0.0040
0.0045
error [m]

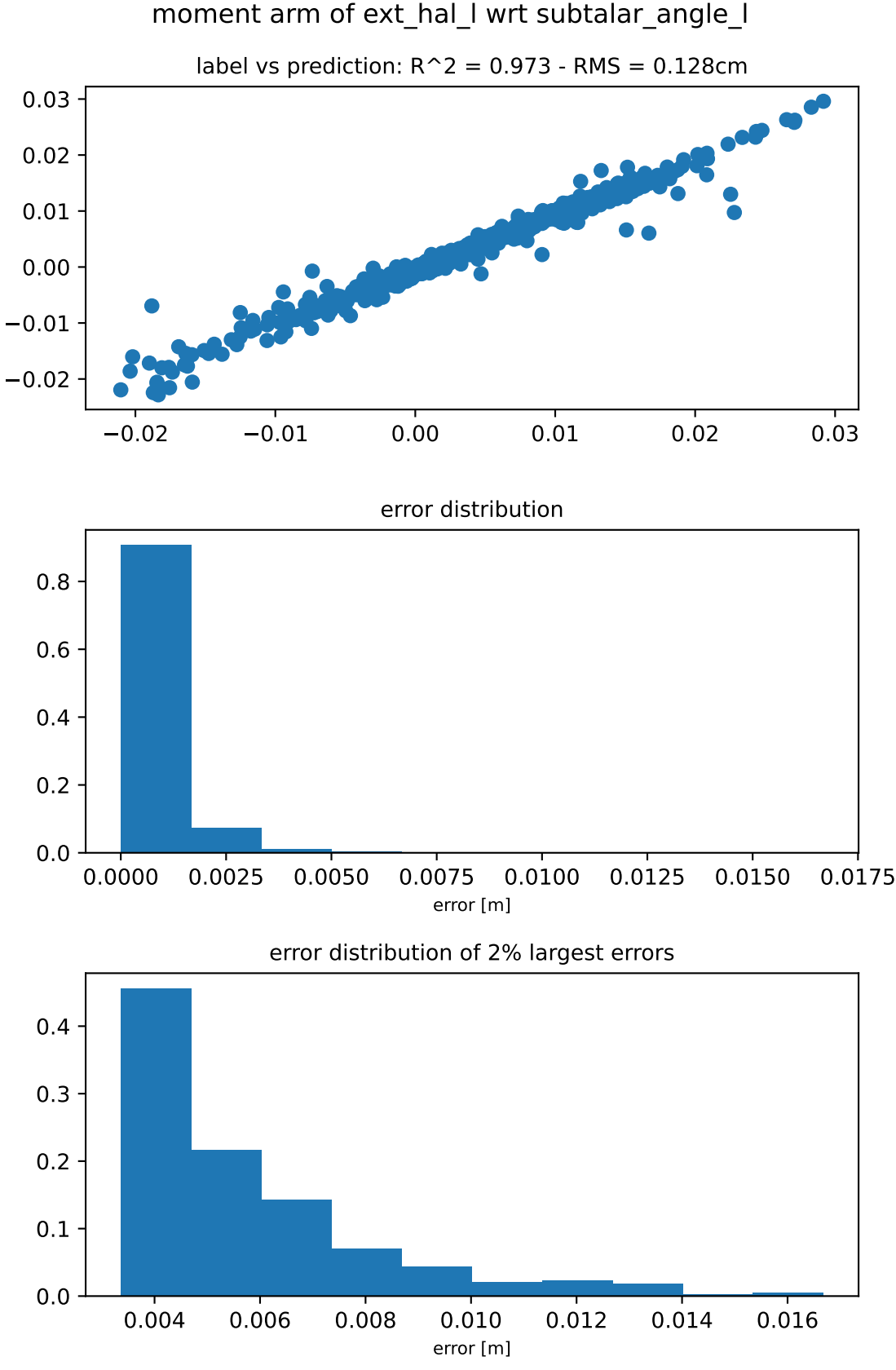

moment arm of ext_dig_l wrt ankle_angle_l
label vs prediction: R^2 = 0.966 - RMS = 0.169cm
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
0.00
0.01
0.02
0.03
0.04
0.05
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.005
0.010
0.015
0.020
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0050
0.0075
0.0100
0.0125
0.0150
0.0175
0.0200
0.0225
error [m]

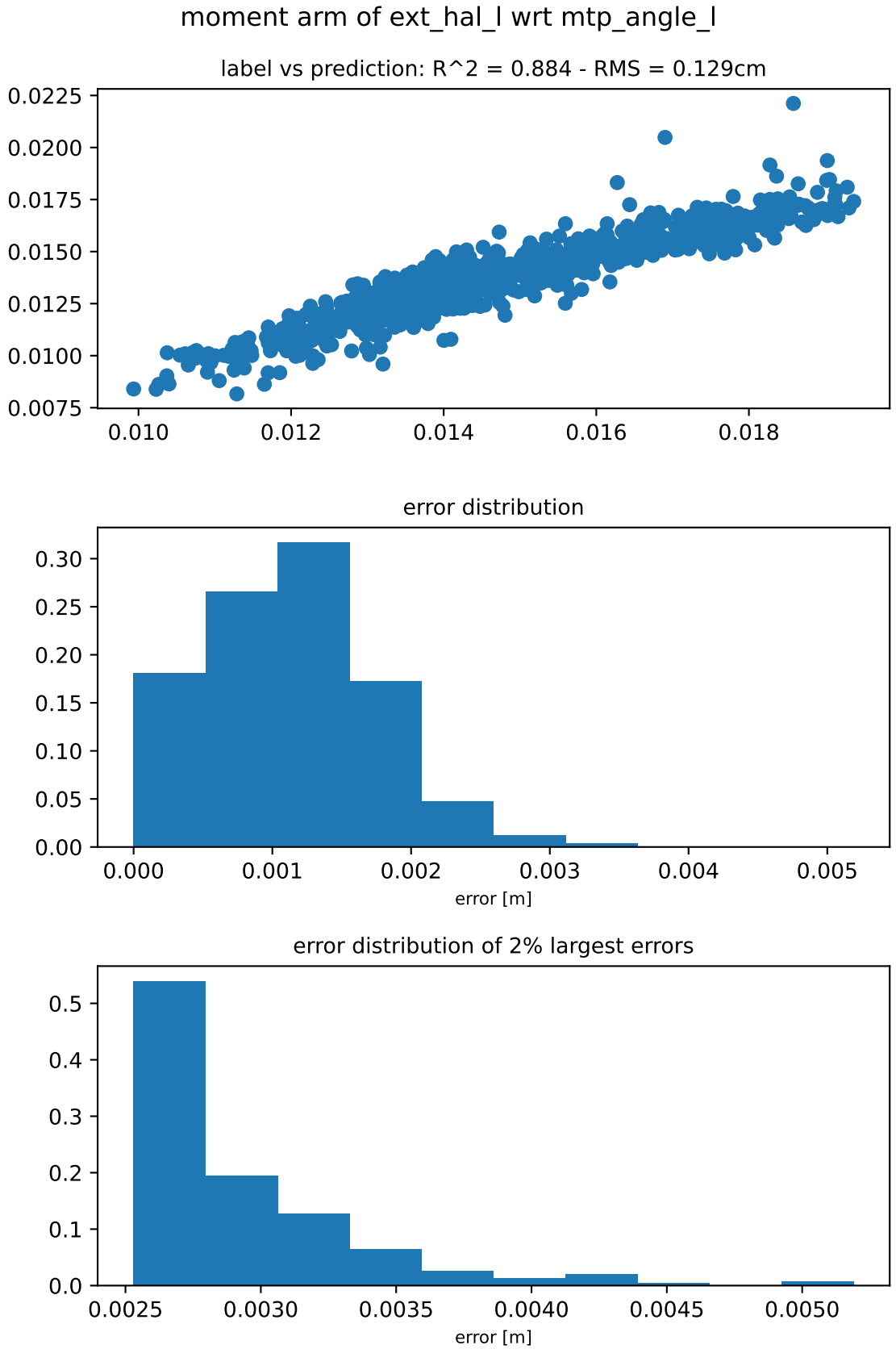

moment arm of ext_dig_l wrt subtalar_angle_l
label vs prediction: R^2 = 0.968 - RMS = 0.141cm
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.02
−0.01
0.00
0.01
0.02
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.005
0.010
0.015
0.020
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.0050
0.0075
0.0100
0.0125
0.0150
0.0175
0.0200
error [m]

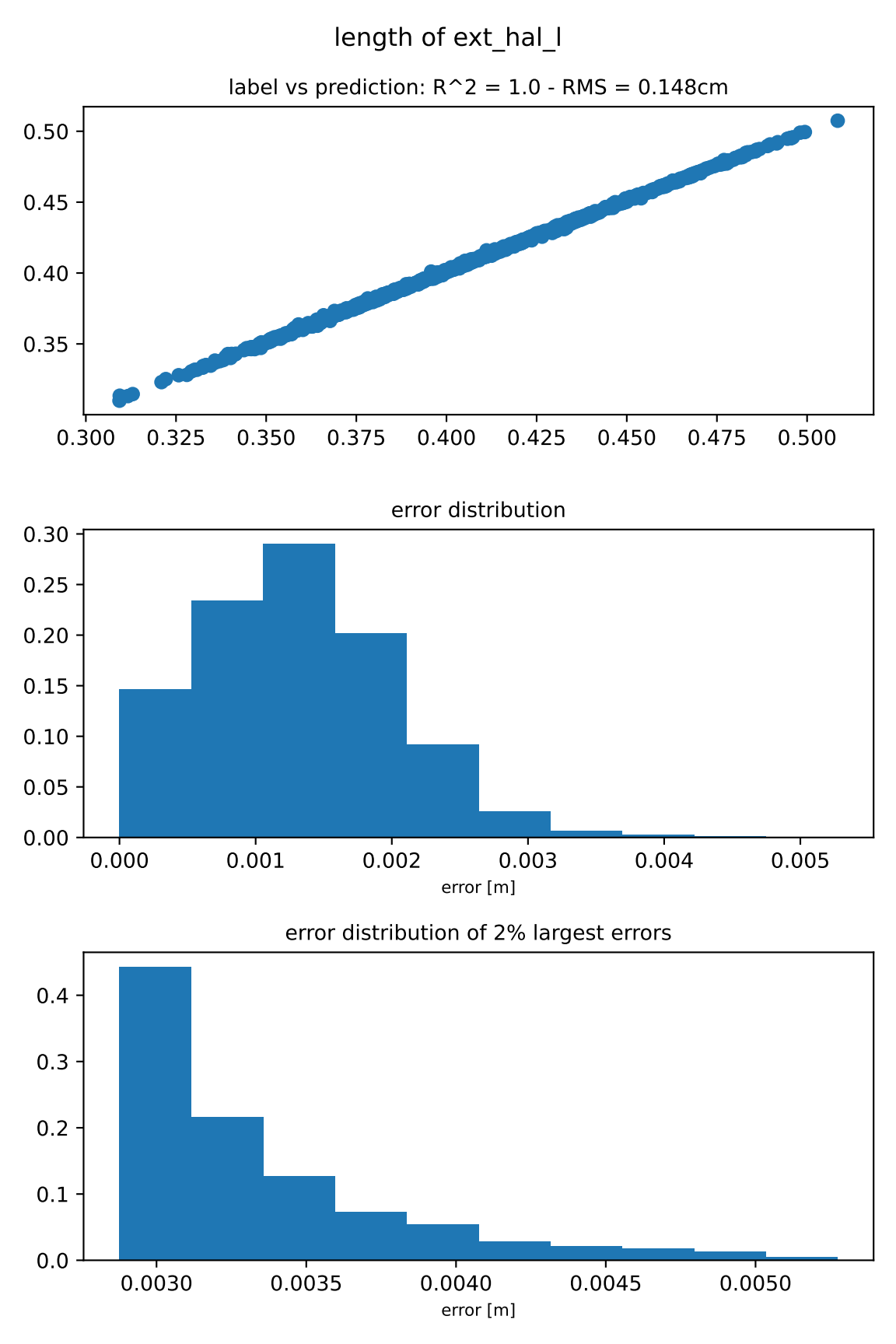

moment arm of ext_dig_l wrt mtp_angle_l
label vs prediction: R^2 = 0.82 - RMS = 0.05cm
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0.001
0.002
0.003
0.004
0.005
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
error [m]
error distribution of 2% largest errors
0.3
0.2
0.1
0.0
0.00125
0.00150
0.00175
0.00200
0.00225
0.00250
0.00275
0.00300
error [m]

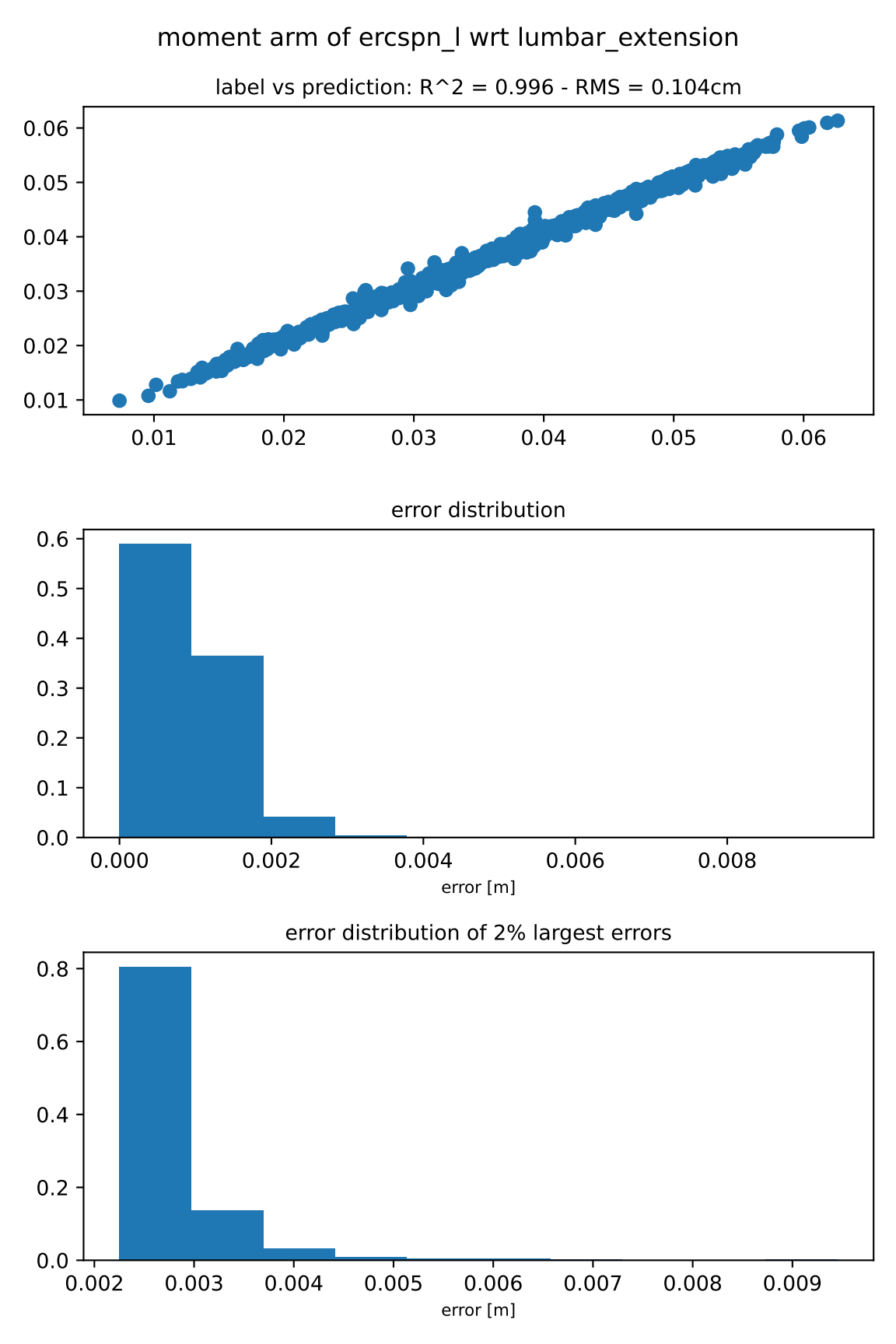

length of ext_dig_l
label vs prediction: R^2 = 1.0 - RMS = 0.111cm
0.50
0.45
0.40
0.35
0.350
0.375
0.400
0.425
0.450
0.475
0.500
0.525
0.550
error distribution
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
0.0055
error [m]

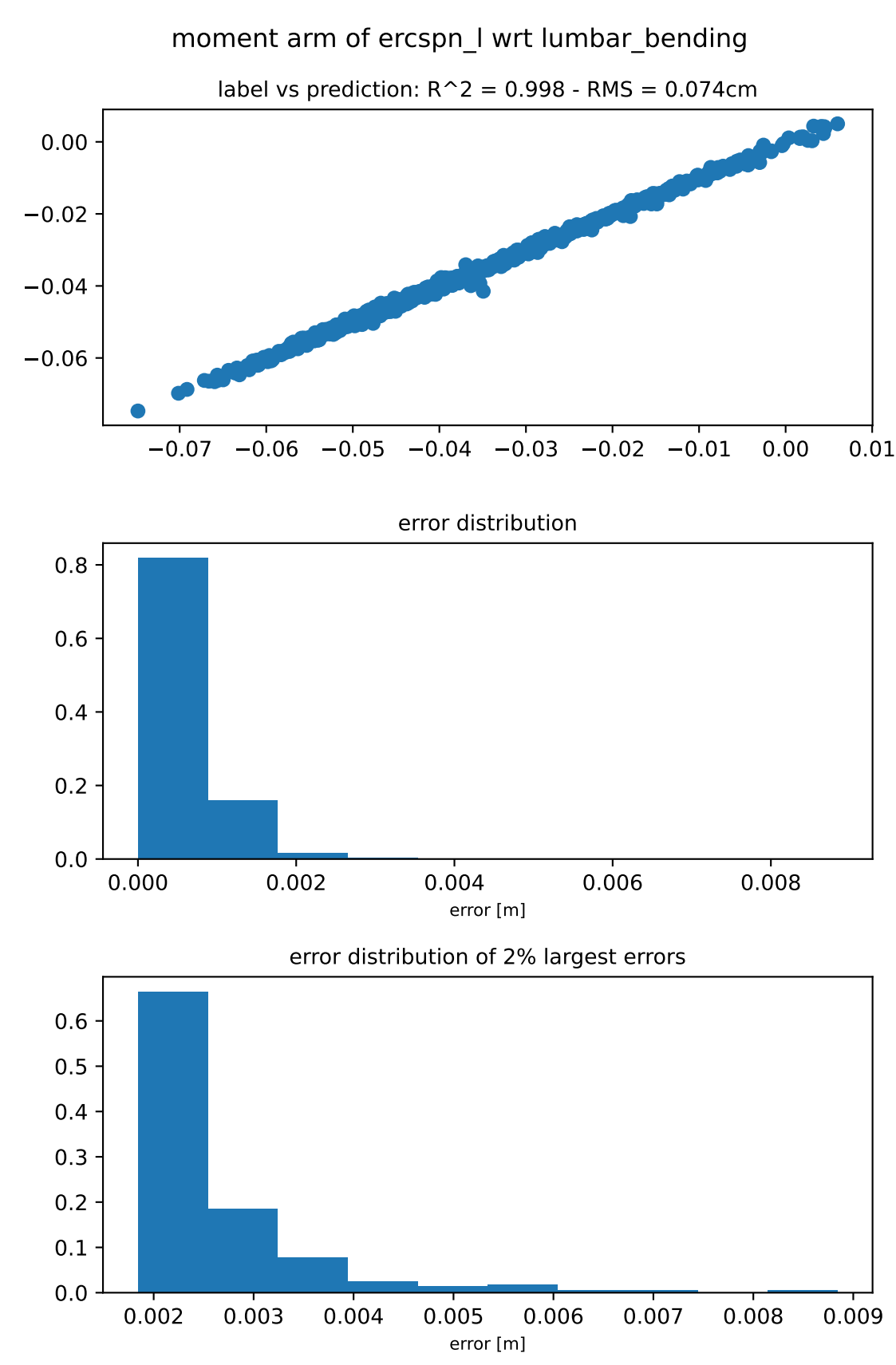

moment arm of ext_hal_l wrt ankle_angle_l
label vs prediction: R^2 = 0.949 - RMS = 0.169cm
0.05
0.04
0.03
0.02
0.01
0.00
0.00
0.01
0.02
0.03
0.04
0.05
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.005
0.010
0.015
0.020
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.006
0.008
0.010
0.012
0.014
0.016
0.018
0.020
0.022
error [m]

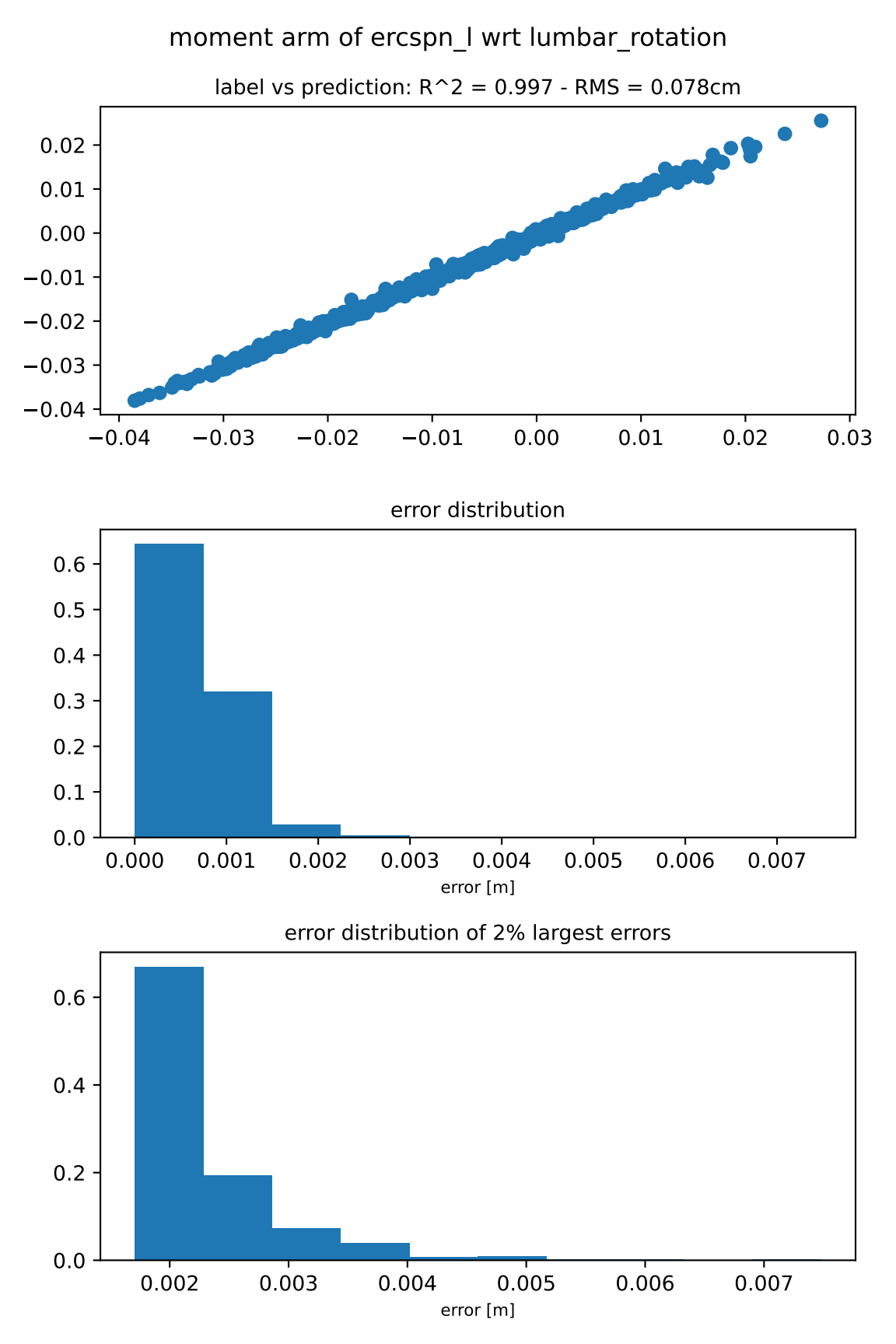

moment arm of ext_hal_l wrt subtalar_angle_l
label vs prediction: R^2 = 0.973 - RMS = 0.128cm
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.02
−0.01
0.00
0.01
0.02
0.03
error distribution
0.8
0.6
0.4
0.2
0.0
0.0000
0.0025
0.0050
0.0075
0.0100
0.0125
0.0150
0.0175
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.004
0.006
0.008
0.010
0.012
0.014
0.016
error [m]

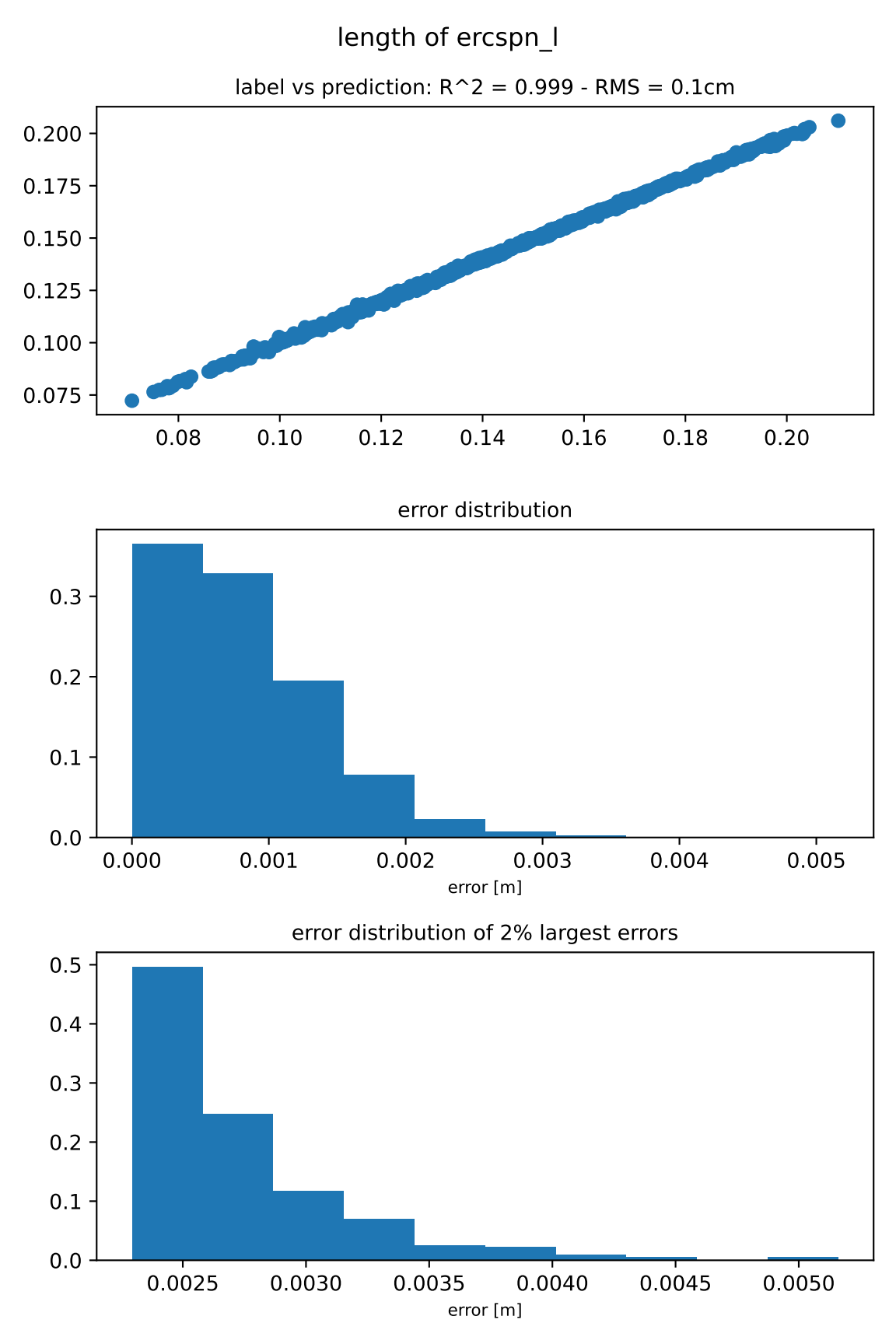

moment arm of ext_hal_l wrt mtp_angle_l
label vs prediction: R^2 = 0.884 - RMS = 0.129cm
0.0225
0.0200
0.0175
0.0150
0.0125
0.0100
0.0075
0.010
0.012
0.014
0.016
0.018
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

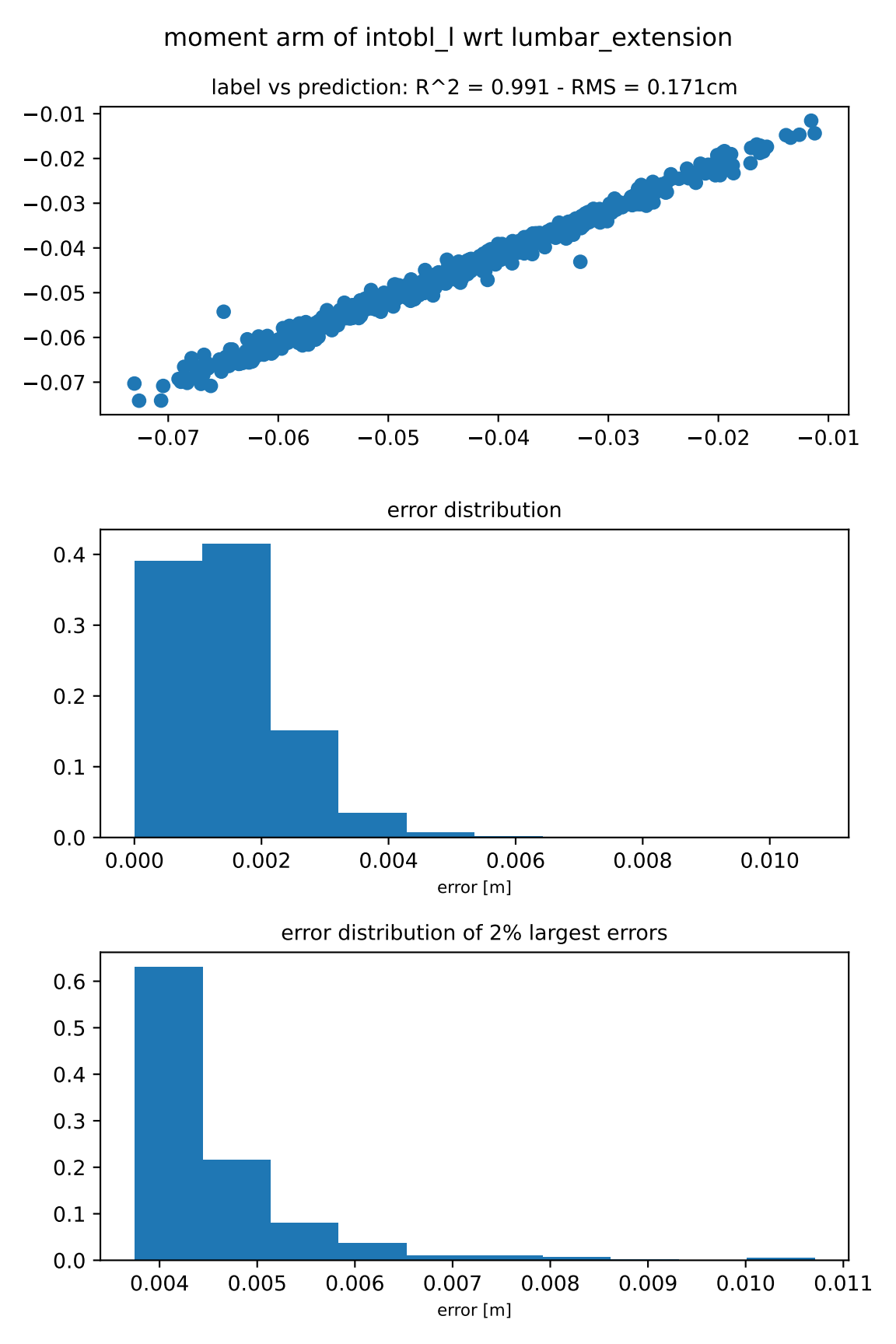

length of ext_hal_l
label vs prediction: R^2 = 1.0 - RMS = 0.148cm
0.50
0.45
0.40
0.35
0.300
0.325
0.350
0.375
0.400
0.425
0.450
0.475
0.500
error distribution
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.4
0.3
0.2
0.1
0.0
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

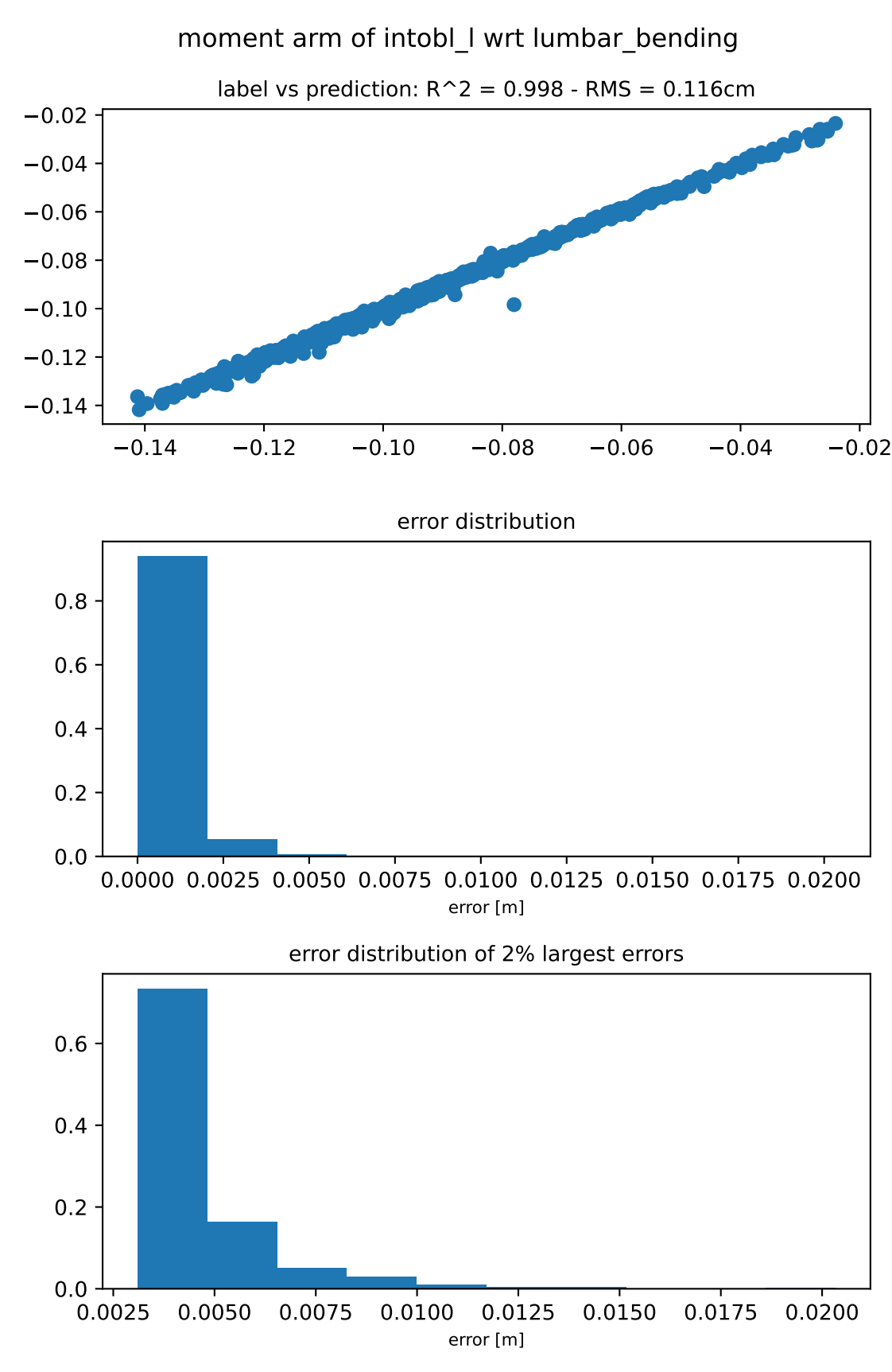

moment arm of ercspn_l wrt lumbar_extension
label vs prediction: R^2 = 0.996 - RMS = 0.104cm
0.06
0.05
0.04
0.03
0.02
0.01
0.01
0.02
0.03
0.04
0.05
0.06
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.002
0.004
0.006
0.008
error [m]
error distribution of 2% largest errors
0.8
0.6
0.4
0.2
0.0
0.002
0.003
0.004
0.005
0.006
0.007
0.008
0.009
error [m]

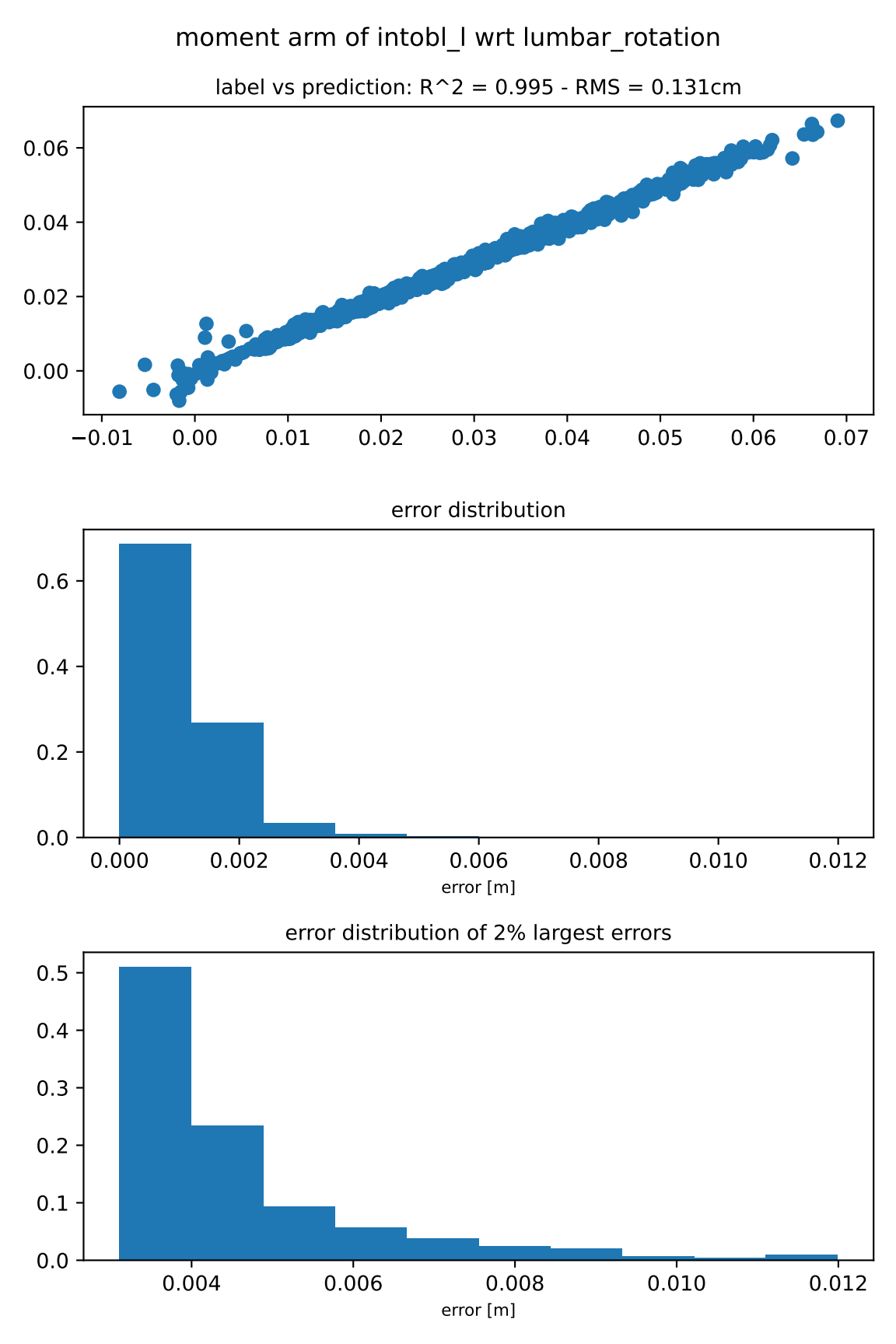

moment arm of ercspn_l wrt lumbar_bending
label vs prediction: R^2 = 0.998 - RMS = 0.074cm
0.00
−0.02
−0.04
−0.06
−0.07
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
0.00
0.01
error distribution
0.8
0.6
0.4
0.2
0.0
0.000
0.002
0.004
0.006
0.008
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.002
0.003
0.004
0.005
0.006
0.007
0.008
0.009
error [m]

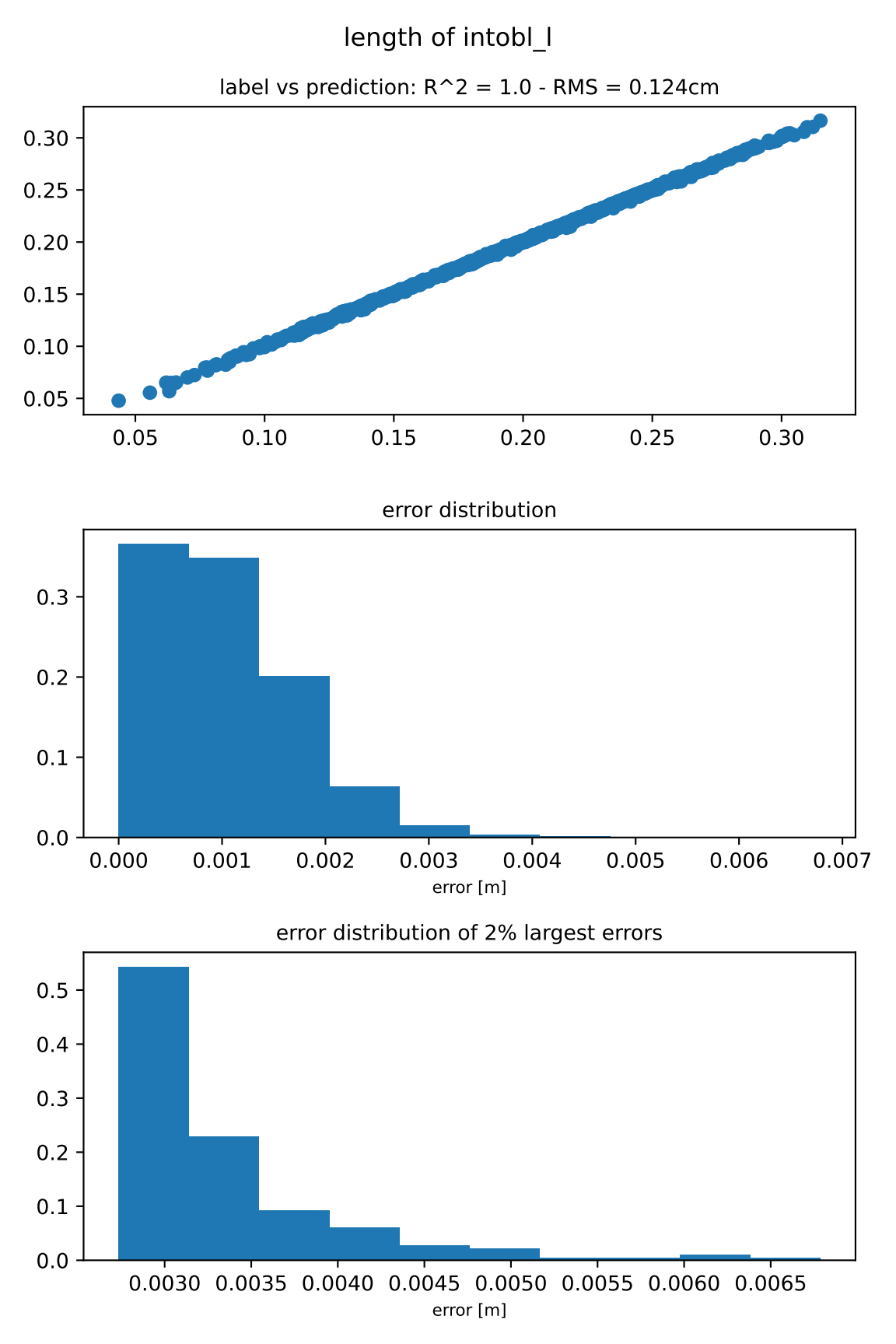

moment arm of ercspn_l wrt lumbar_rotation
label vs prediction: R^2 = 0.997 - RMS = 0.078cm
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
−0.04
−0.03
−0.02
−0.01
0.00
0.01
0.02
0.03
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error [m]
error distribution of 2% largest errors
0.6
0.4
0.2
0.0
0.002
0.003
0.004
0.005
0.006
0.007
error [m]

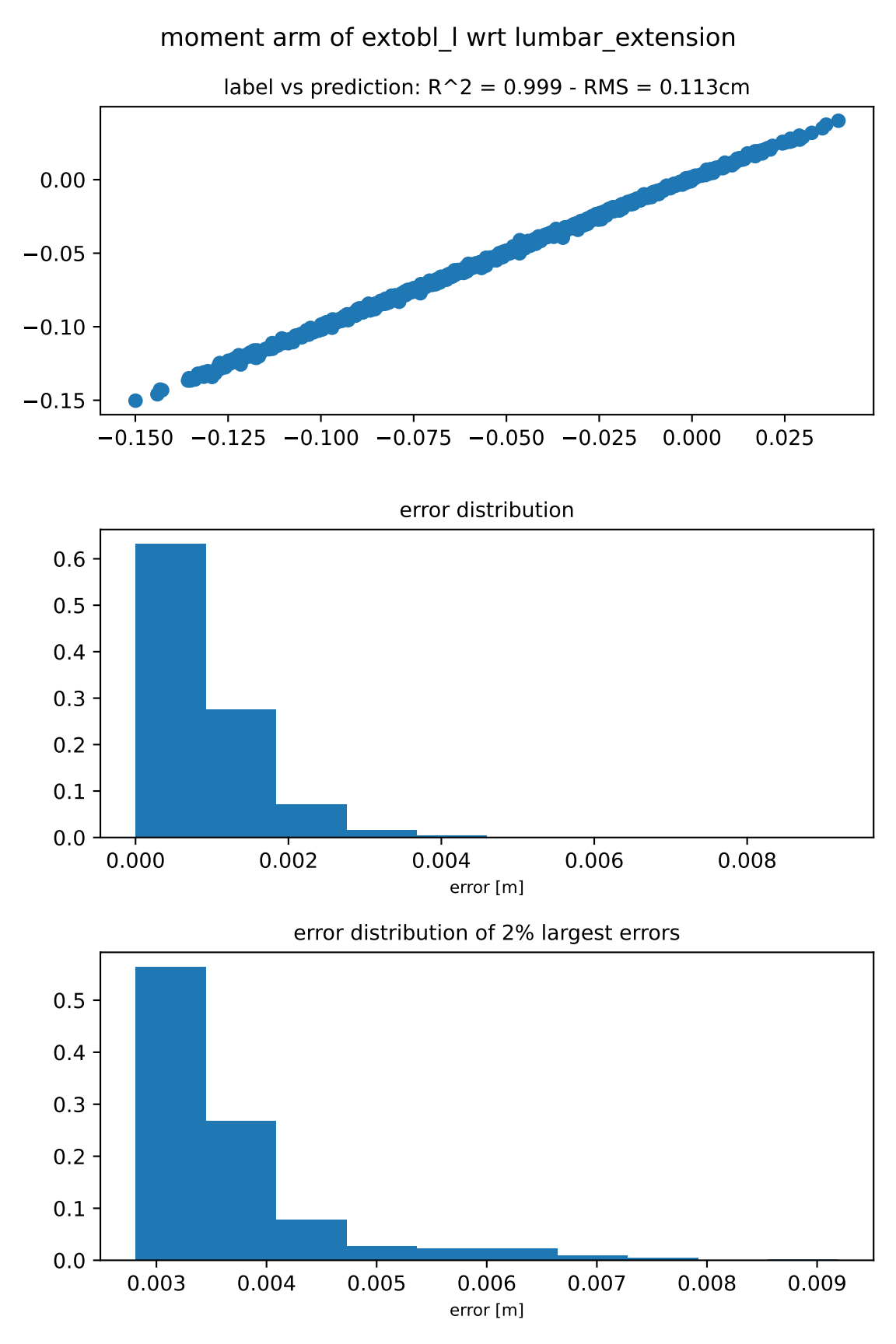

length of ercspn_l
label vs prediction: R^2 = 0.999 - RMS = 0.1cm
0.200
0.175
0.150
0.125
0.100
0.075
0.08
0.10
0.12
0.14
0.16
0.18
0.20
error distribution
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0025
0.0030
0.0035
0.0040
0.0045
0.0050
error [m]

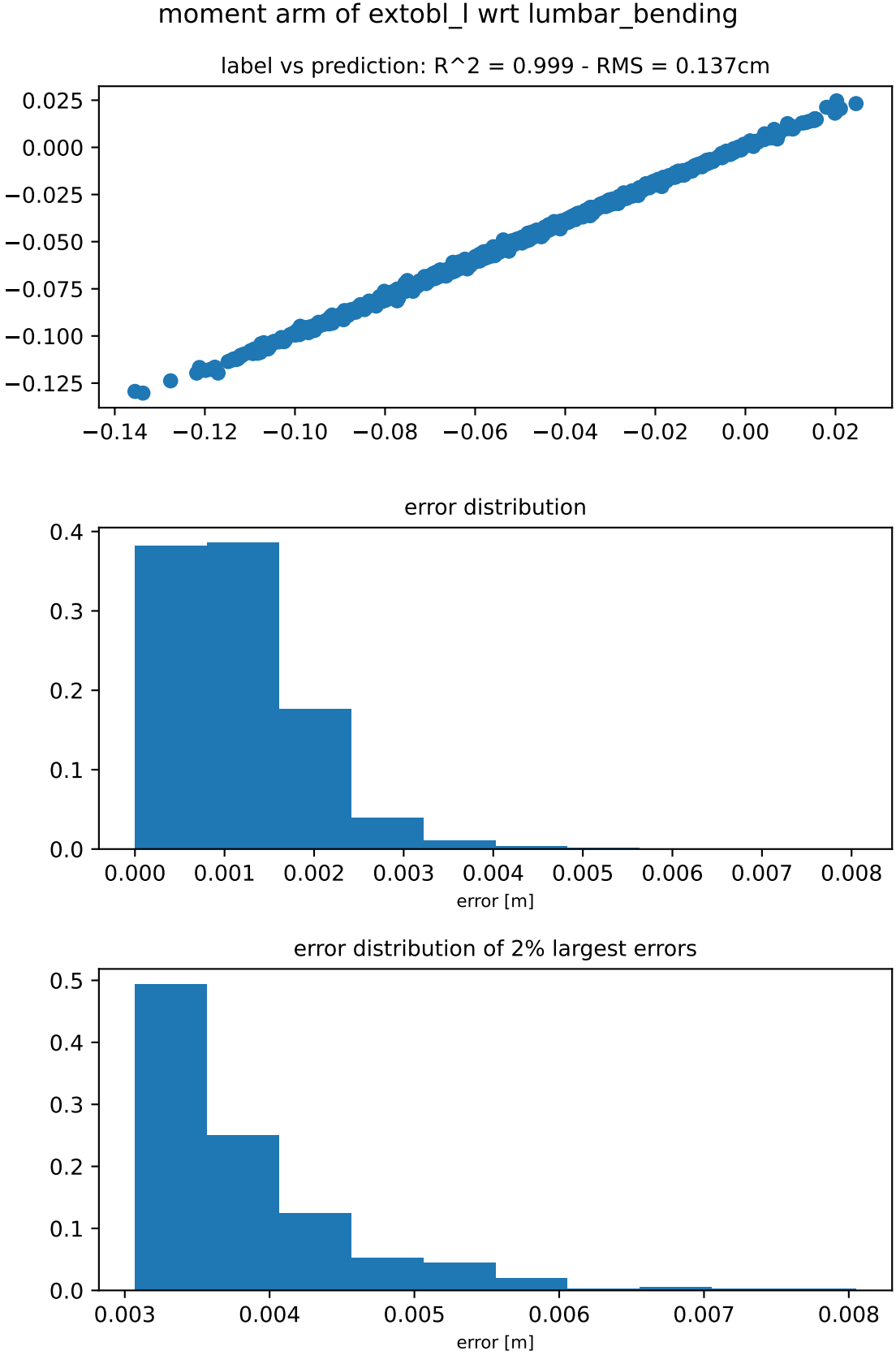

moment arm of intobl_l wrt lumbar_extension
label vs prediction: R^2 = 0.991 - RMS = 0.171cm
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.07
−0.07
−0.06
−0.05
−0.04
−0.03
−0.02
−0.01
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.002
0.004
0.006
0.008
0.010
error [m]
error distribution of 2% largest errors
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.004
0.005
0.006
0.007
0.008
0.009
0.010
0.011
error [m]

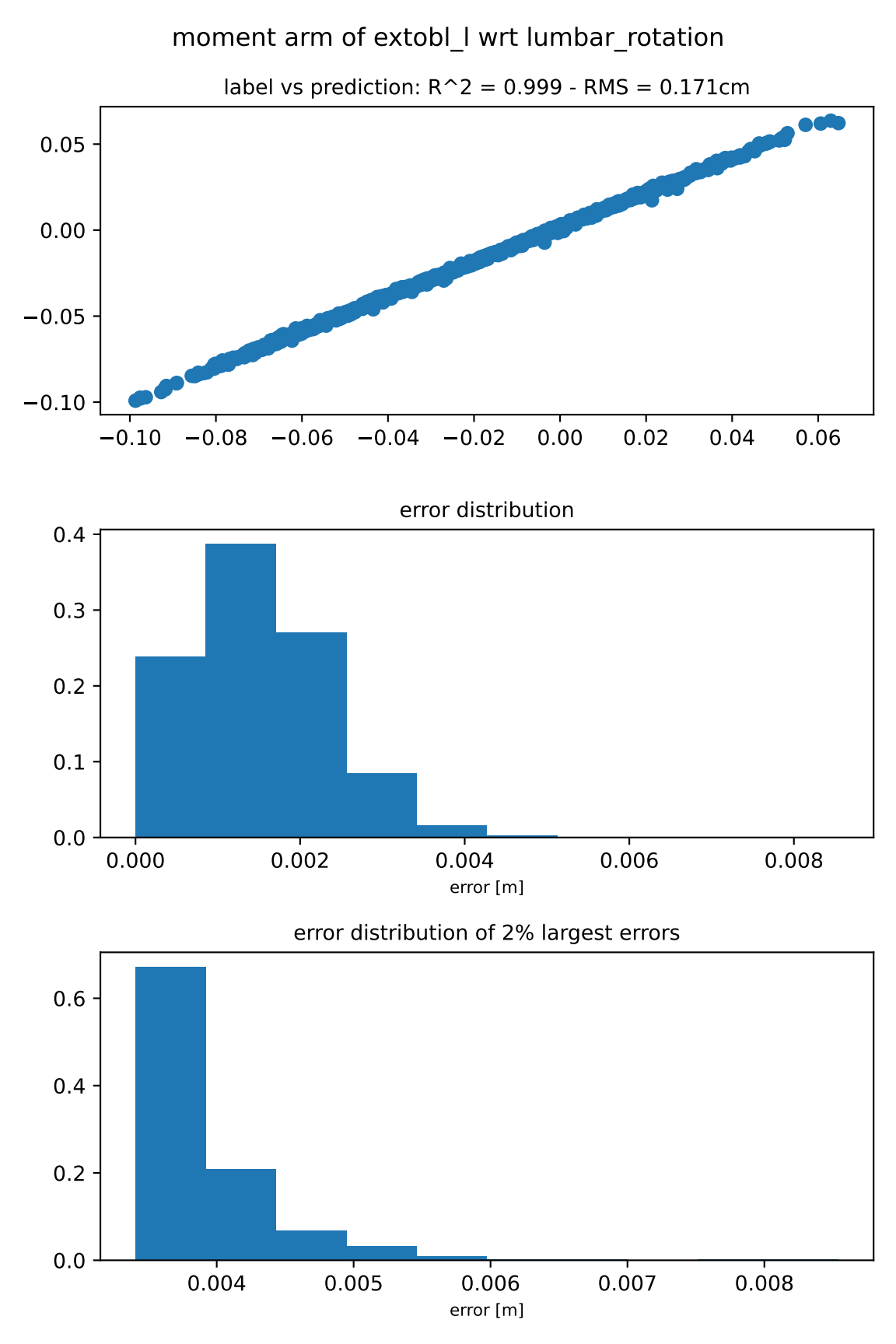

moment arm of intobl_l wrt lumbar_bending
label vs prediction: R^2 = 0.998 - RMS = 0.116cm
−0.02
−0.04
−0.06
−0.08
−0.10
−0.12
−0.14
−0.14
−0.12
−0.10
−0.08
−0.06
−0.04
−0.02
error distribution
0.8
0.6
0.4
0.2
0.0
0.0000
0.0025
0.0050
0.0075
0.0100
0.0125
0.0150
0.0175
0.0200
error [m]
error distribution of 2% largest errors
0.6
0.4
0.2
0.0
0.0025
0.0050
0.0075
0.0100
0.0125
0.0150
0.0175
0.0200
error [m]

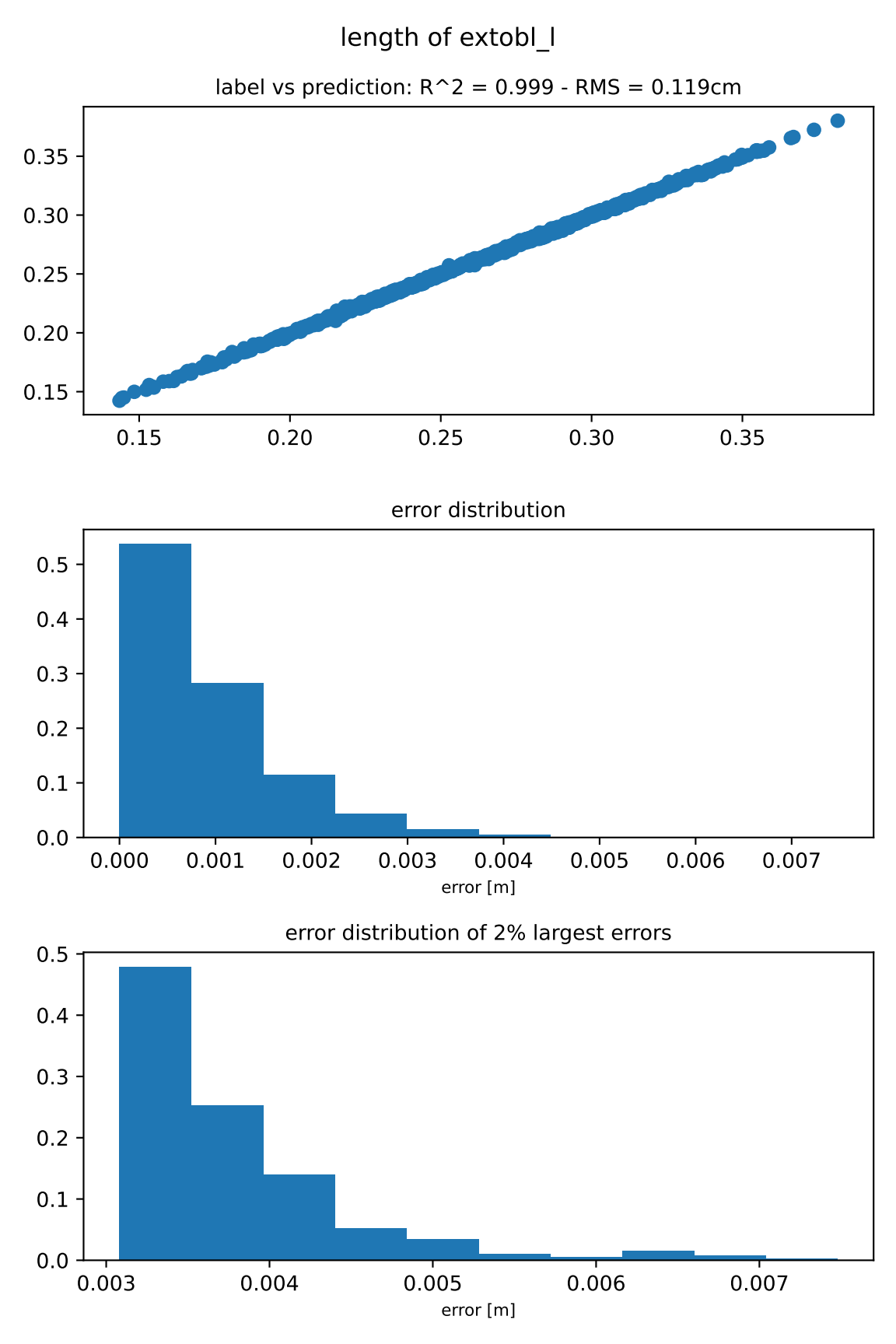

moment arm of intobl_l wrt lumbar_rotation
label vs prediction: R^2 = 0.995 - RMS = 0.131cm
0.06
0.04
0.02
0.00
−0.01
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
error distribution
0.6
0.4
0.2
0.0
0.000
0.002
0.004
0.006
0.008
0.010
0.012
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.004
0.006
0.008
0.010
0.012
error [m]


length of intobl_l
label vs prediction: R^2 = 1.0 - RMS = 0.124cm
0.30
0.25
0.20
0.15
0.10
0.05
0.05
0.10
0.15
0.20
0.25
0.30
error distribution
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.0030
0.0035
0.0040
0.0045
0.0050
0.0055
0.0060
0.0065
error [m]


moment arm of extobl_l wrt lumbar_extension
label vs prediction: R^2 = 0.999 - RMS = 0.113cm
0.00
−0.05
−0.10
−0.15
−0.150
−0.125
−0.100
−0.075
−0.050
−0.025
0.000
0.025
error distribution
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.002
0.004
0.006
0.008
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.003
0.004
0.005
0.006
0.007
0.008
0.009
error [m]


moment arm of extobl_l wrt lumbar_bending
label vs prediction: R^2 = 0.999 - RMS = 0.137cm
0.025
0.000
−0.025
−0.050
−0.075
−0.100
−0.125
−0.14
−0.12
−0.10
−0.08
−0.06
−0.04
−0.02
0.00
0.02
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
0.008
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.003
0.004
0.005
0.006
0.007
0.008
error [m]


moment arm of extobl_l wrt lumbar_rotation
label vs prediction: R^2 = 0.999 - RMS = 0.171cm
0.05
0.00
−0.05
−0.10
−0.10
−0.08
−0.06
−0.04
−0.02
0.00
0.02
0.04
0.06
error distribution
0.4
0.3
0.2
0.1
0.0
0.000
0.002
0.004
0.006
0.008
error [m]
error distribution of 2% largest errors
0.6
0.4
0.2
0.0
0.004
0.005
0.006
0.007
0.008
error [m]


length of extobl_l
label vs prediction: R^2 = 0.999 - RMS = 0.119cm
0.35
0.30
0.25
0.20
0.15
0.15
0.20
0.25
0.30
0.35
error distribution
0.5
0.4
0.3
0.2
0.1
0.0
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
error [m]
error distribution of 2% largest errors
0.5
0.4
0.3
0.2
0.1
0.0
0.003
0.004
0.005
0.006
0.007
error [m]