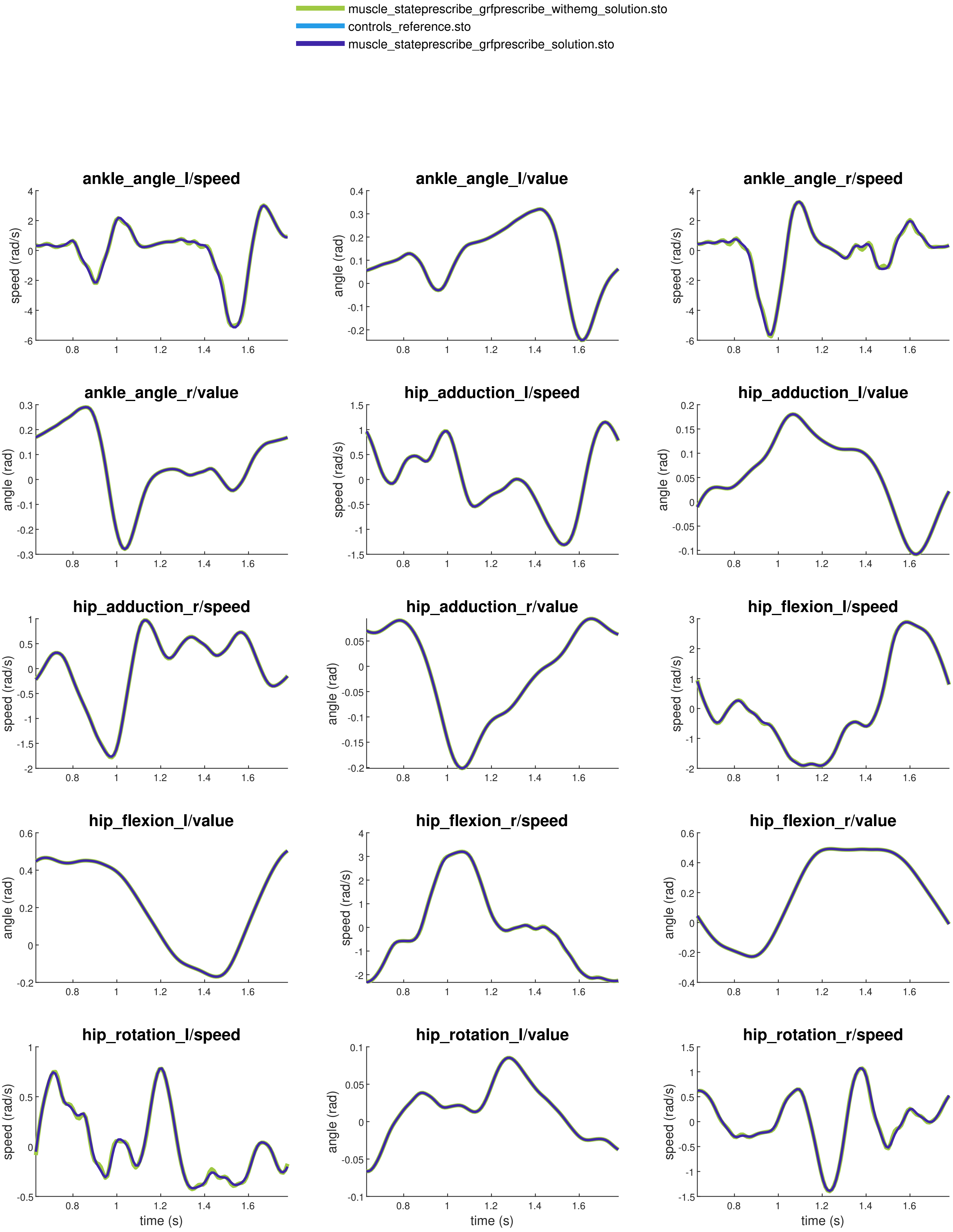
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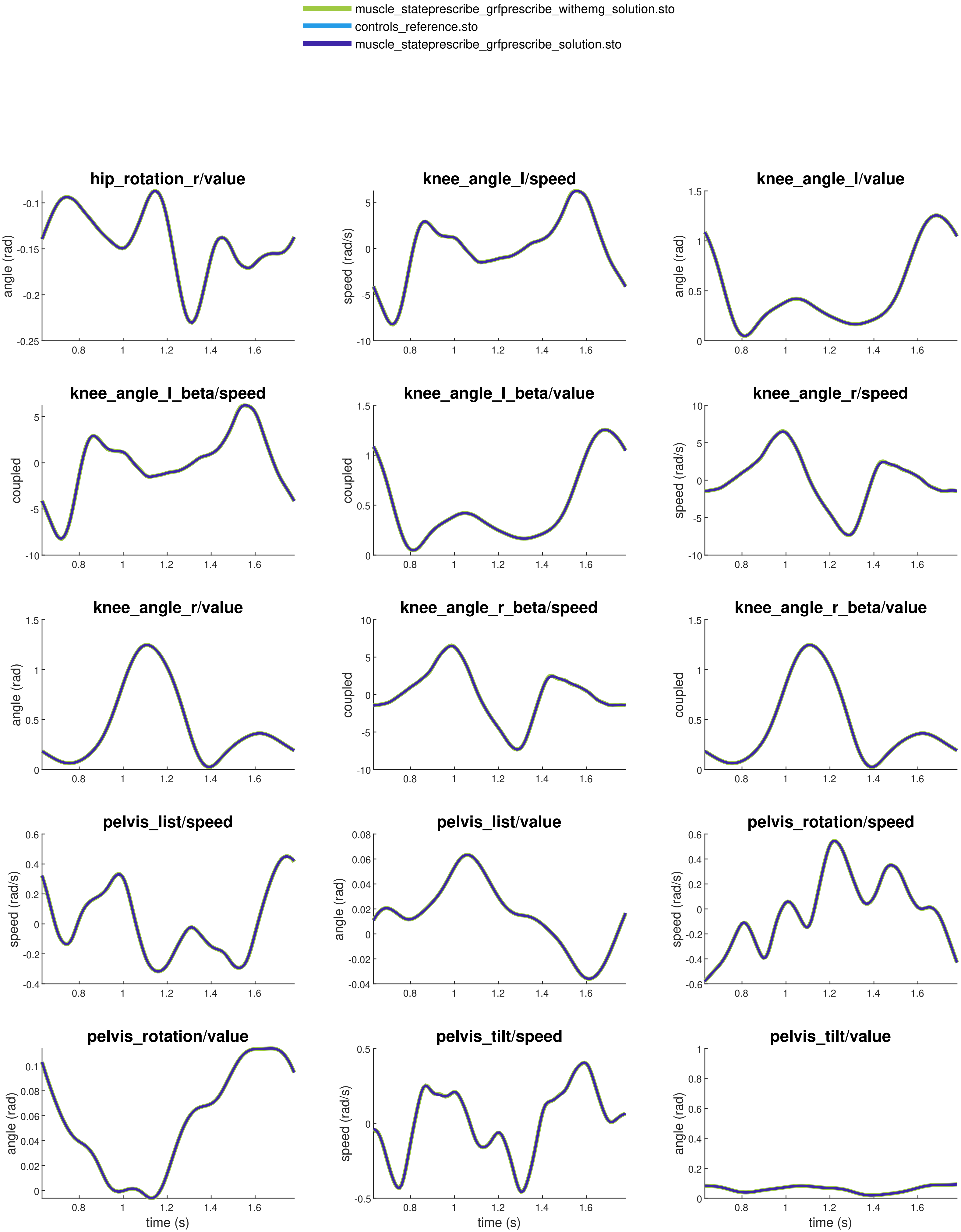
controls_reference.sto
muscle_stateprescribe_grfprescribe_solution.sto
ankle_angle_l/speed
speed (rad/s)
4
2
0
-2
-4
-6
ankle_angle_l/value
angle (rad)
0.4
0.3
0.2
0.1
0
-0.1
-0.2
ankle_angle_r/speed
speed (rad/s)
ankle_angle_r/value
angle (rad)
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
hip_adduction_l/speed
speed (rad/s)
1.5
1
0.5
0
-0.5
-1
-1.5
hip_adduction_l/value
angle (rad)
0.2
0.15
0.1
0.05
0
-0.05
-0.1
hip_adduction_r/speed
speed (rad/s)
1
0.5
0
-0.5
-1
-1.5
-2
hip_adduction_r/value
angle (rad)
0.05
0
-0.05
-0.1
-0.15
-0.2
hip_flexion_l/speed
speed (rad/s)
3
2
1
0
-1
-2
hip_flexion_l/value
angle (rad)
0.6
0.4
0.2
0
-0.2
hip_flexion_r/speed
speed (rad/s)
4
3
2
1
0
-1
-2
hip_flexion_r/value
angle (rad)
0.6
0.4
0.2
0
-0.2
-0.4
hip_rotation_l/speed
speed (rad/s)
1
0.5
0
-0.5
hip_rotation_l/value
angle (rad)
0.1
0.05
0
-0.05
-0.1
hip_rotation_r/speed
speed (rad/s)
1.5
1
0.5
0
-0.5
-1
-1.5
0.8
1
1.2
1.4
1.6
time (s)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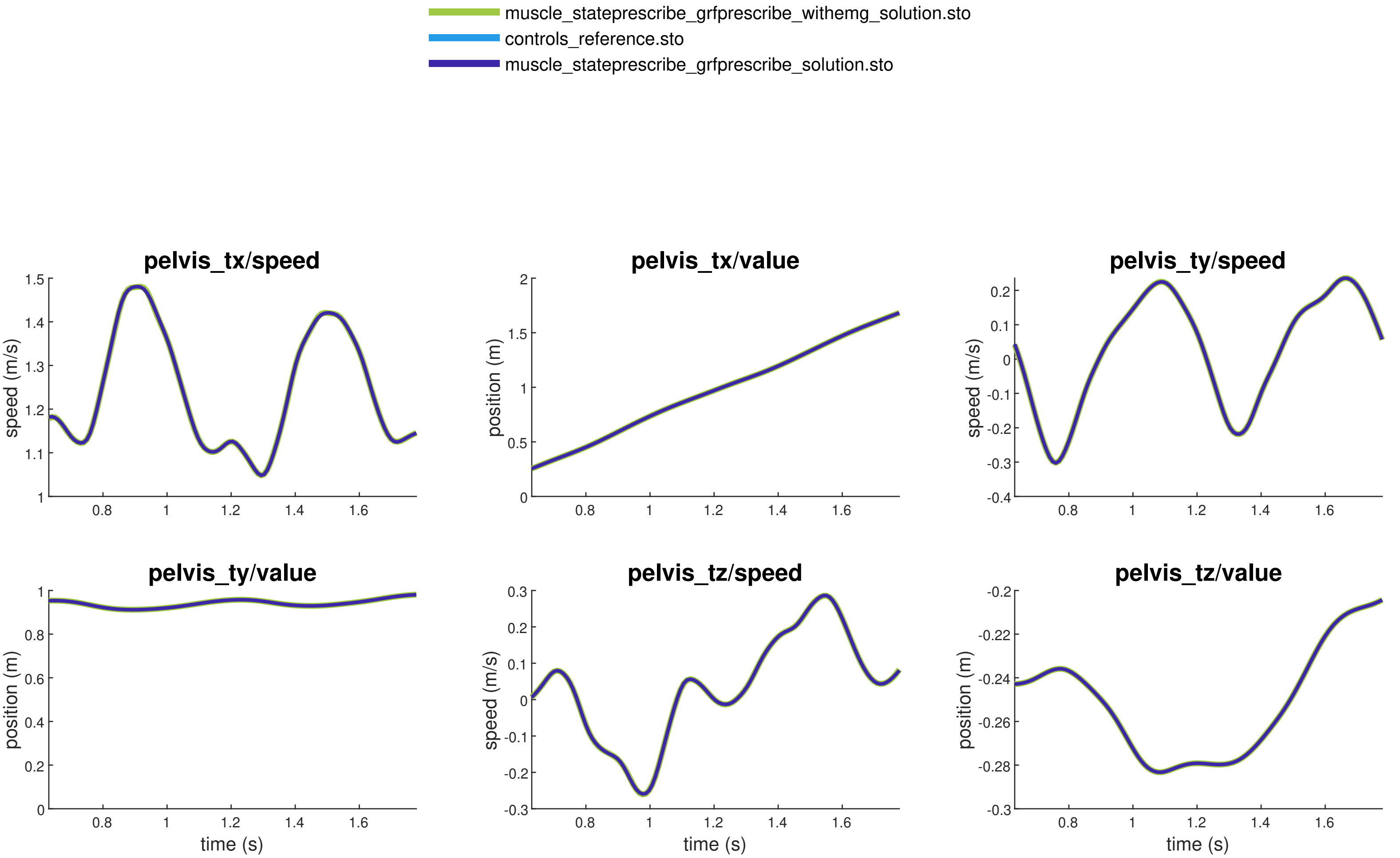
controls_reference.sto
muscle_stateprescribe_grfprescribe_solution.sto
hip_rotation_r/value
angle (rad)
-0.1
-0.15
-0.2
-0.25
knee_angle_l/speed
speed (rad/s)
5
0
-5
-10
knee_angle_l/value
angle (rad)
1.5
1
0.5
0
knee_angle_l_beta/speed
coupled
knee_angle_l_beta/value
coupled
knee_angle_r/speed
speed (rad/s)
10
knee_angle_r/value
angle (rad)
knee_angle_r_beta/speed
coupled
knee_angle_r_beta/value
coupled
pelvis_list/speed
speed (rad/s)
0.6
0.4
0.2
0
-0.2
-0.4
pelvis_list/value
angle (rad)
0.08
0.06
0.04
0.02
0
-0.02
-0.04
pelvis_rotation/speed
speed (rad/s)
-0.6
pelvis_rotation/value
angle (rad)
0.1
0.08
0.06
0.04
0.02
0
pelvis_tilt/speed
speed (rad/s)
0.5
0
-0.5
pelvis_tilt/value
angle (rad)
1
0.8
0.6
0.4
0.2
0
0.8
1
1.2
1.4
1.6
time (s)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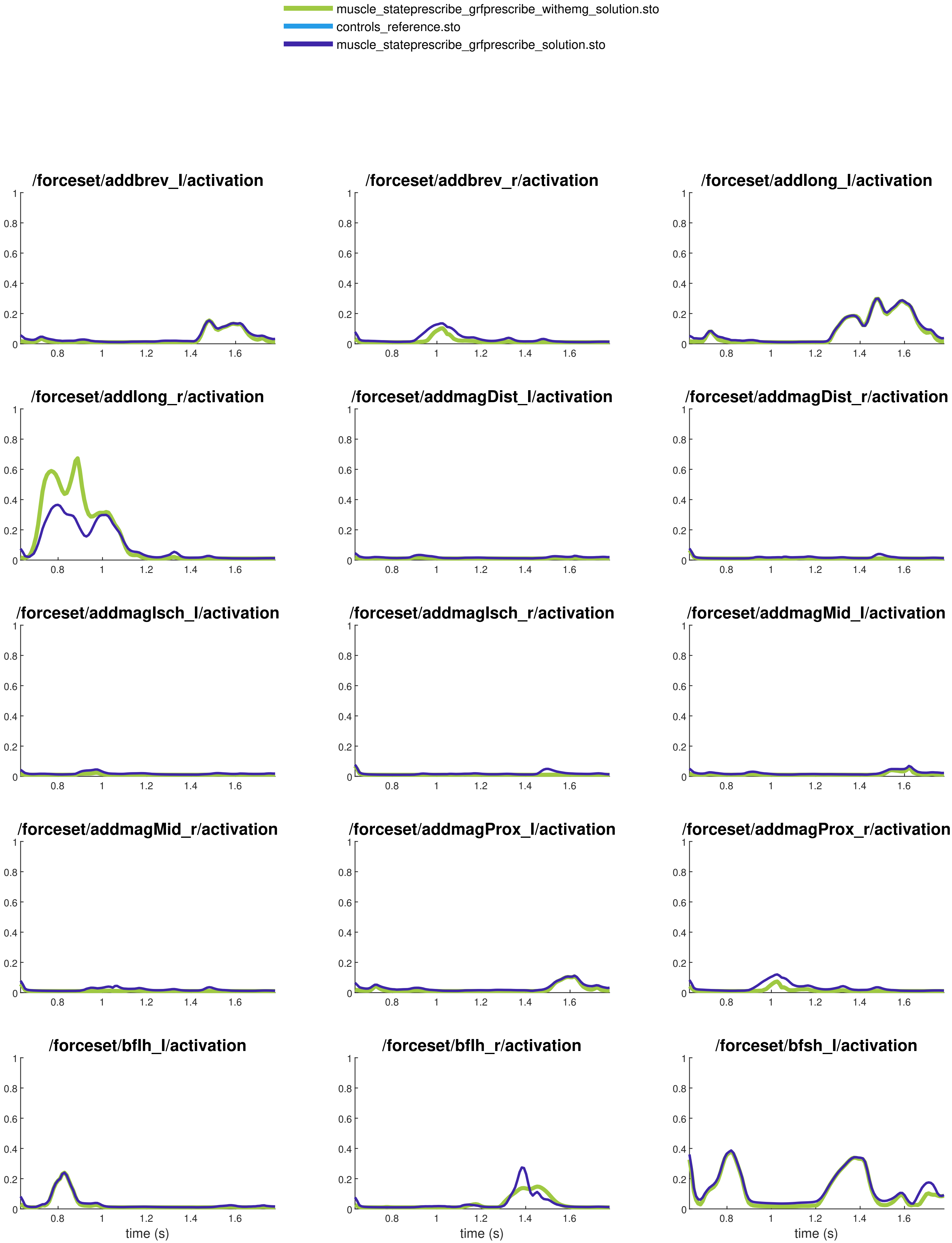
controls_reference.sto
muscle_stateprescribe_grfprescribe_solution.sto
pelvis_tx/speed
speed (m/s)
1.5
1.4
1.3
1.2
1.1
1
0.8
1
1.2
1.4
1.6
pelvis_tx/value
position (m)
2
1.5
1
0.5
0
pelvis_ty/speed
speed (m/s)
0.2
0.1
0
-0.1
-0.2
-0.3
-0.4
pelvis_ty/value
position (m)
1
0.8
0.6
0.4
0.2
0
time (s)
pelvis_tz/speed
speed (m/s)
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
time (s)
pelvis_tz/value
position (m)
-0.2
-0.22
-0.24
-0.26
-0.28
-0.3
time (s)



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/forceset/addmagDist_r/activation

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/forceset/addmagIsch_r/activation

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/forceset/addmagMid_r/activation

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/forceset/addmagProx_r/activation

/forceset/bflh_l/activation

/forceset/bflh_r/activation

/forceset/bfsh_l/activation

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controls_reference.sto
muscle_stateprescribe_grfprescribe_solution.sto
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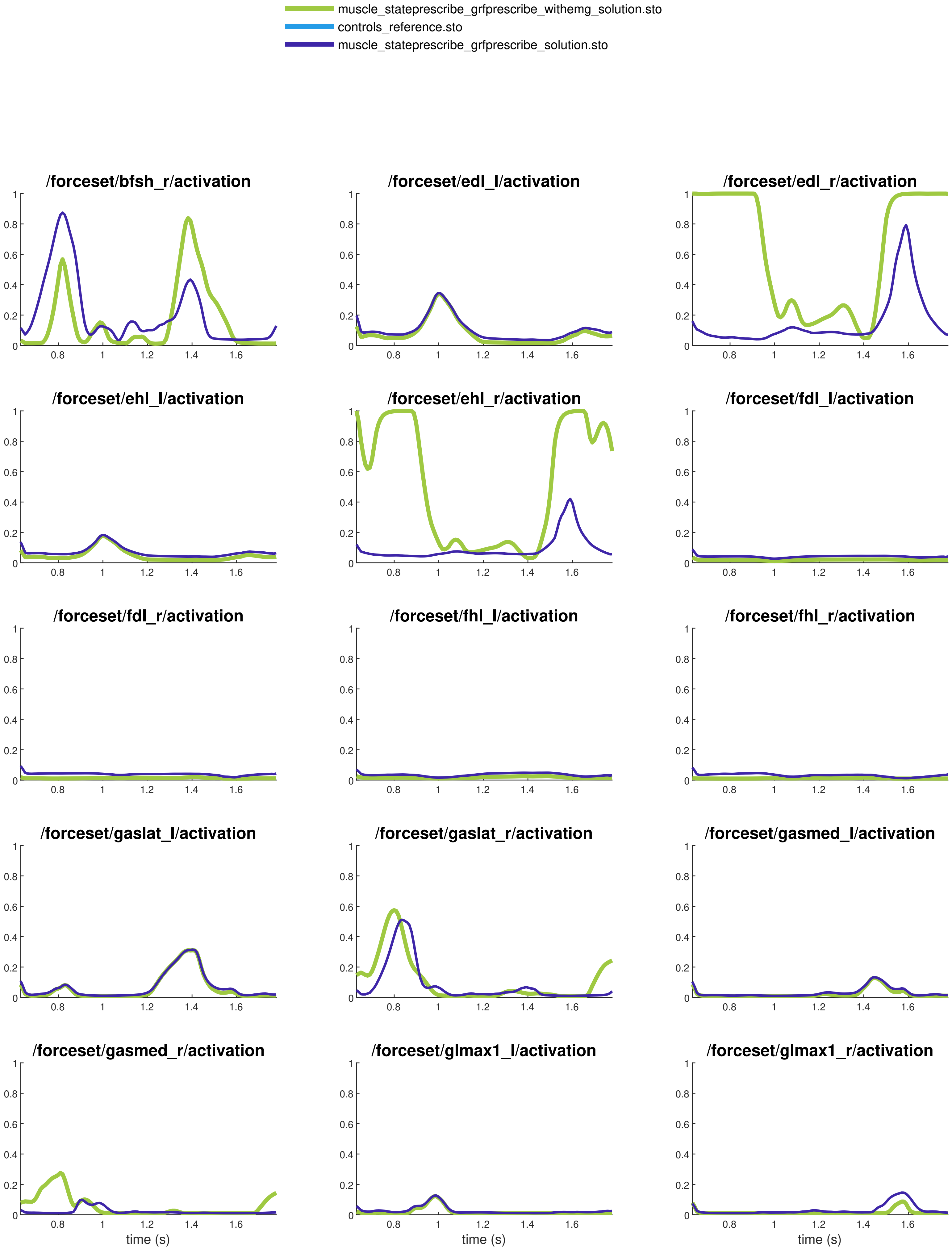
0.4
0.6
0.8
1
0.8
1
1.2
1.4
1.6
time (s)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0.2
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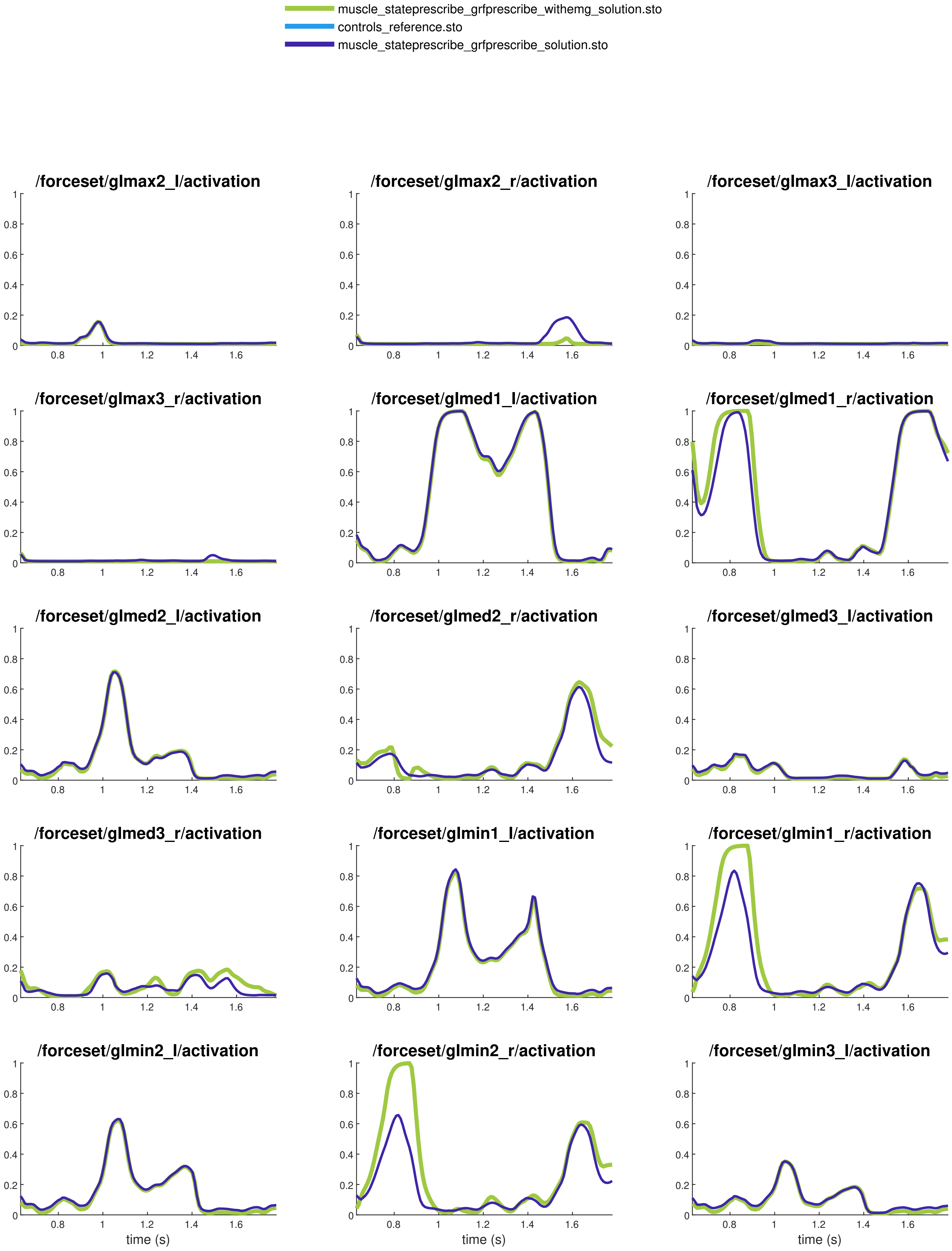
0.6
0.8
1
0.8
1
1.2
1.4
1.6
time (s)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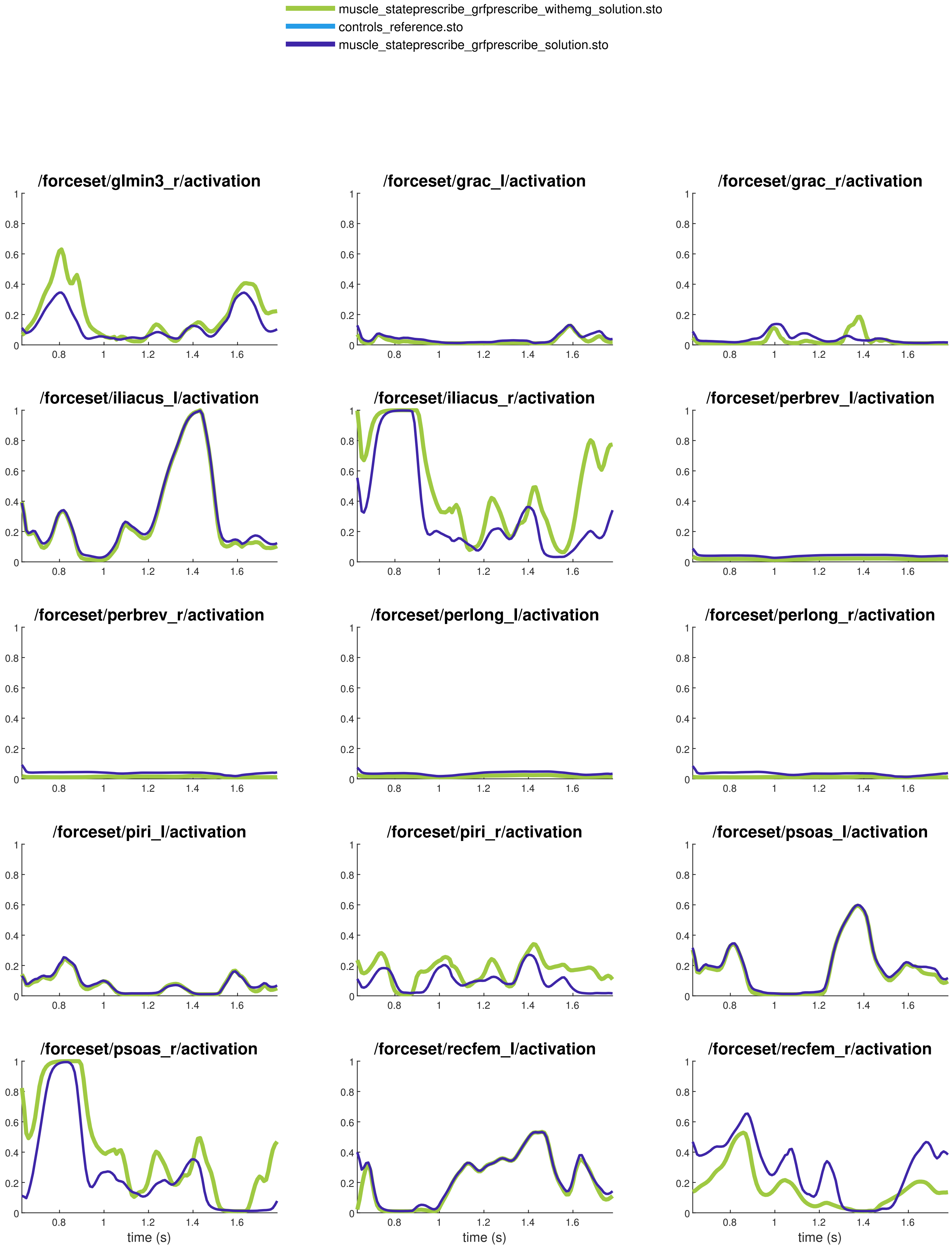
/forceset/glmin2_r/activation
/forceset/glmin3_l/activation
0
0.2
0.4
0.6
0.8
1
0.8
1
1.2
1.4
1.6
time (s)
time (s)
time (s)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1
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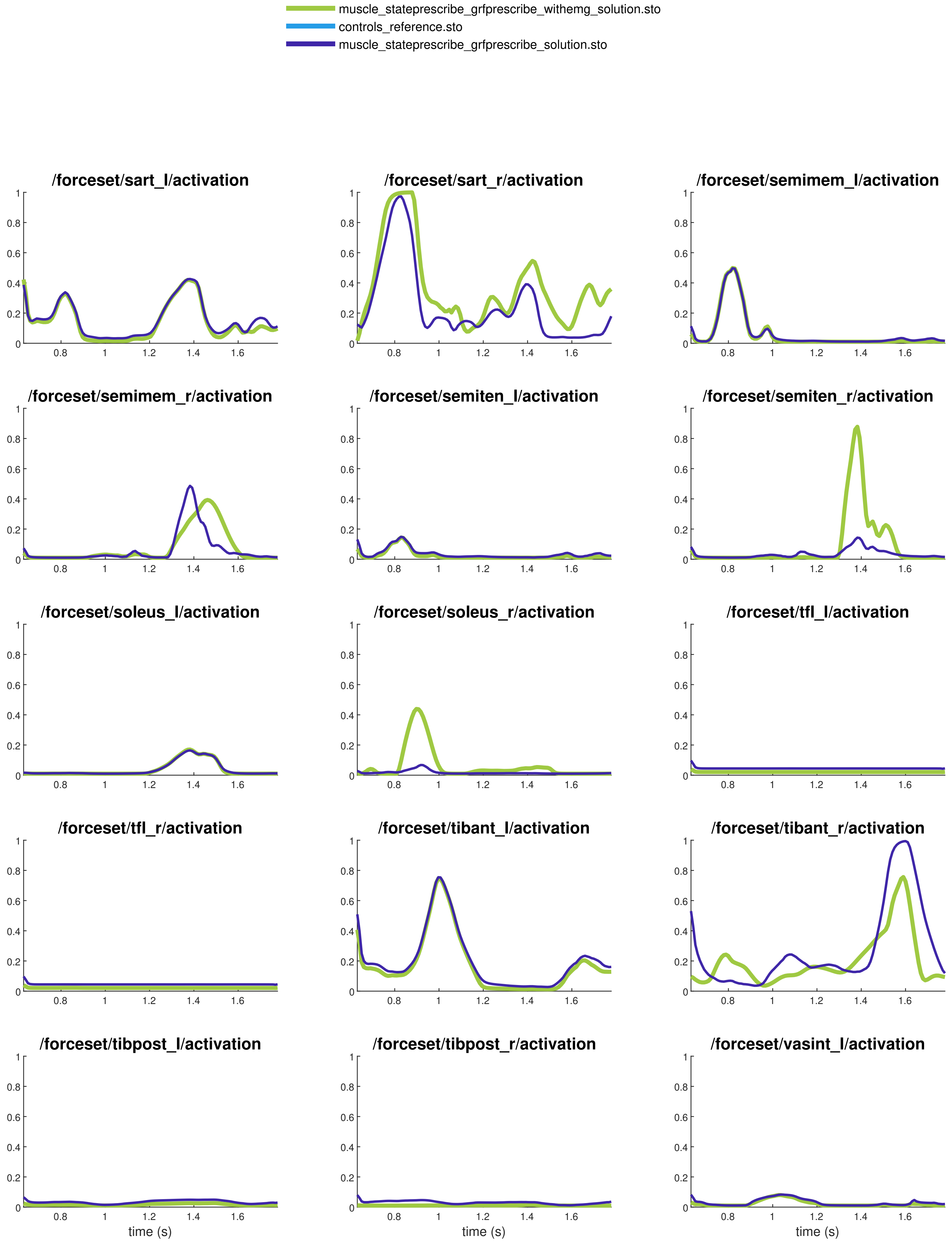
1.4
1.6
time (s)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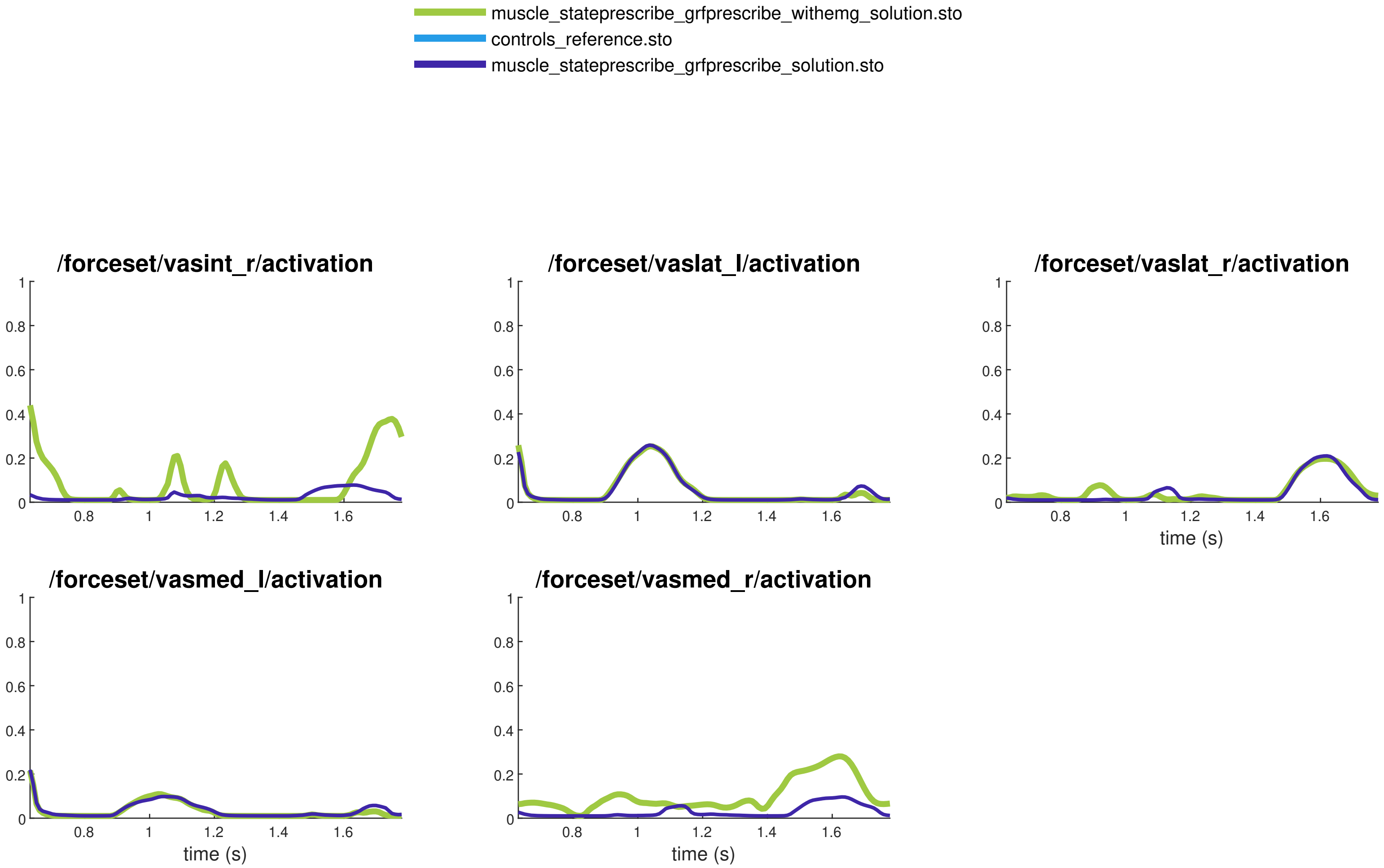
0.8
1
0.8
1
1.2
1.4
1.6
time (s)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/forceset/vasmed_r/activation
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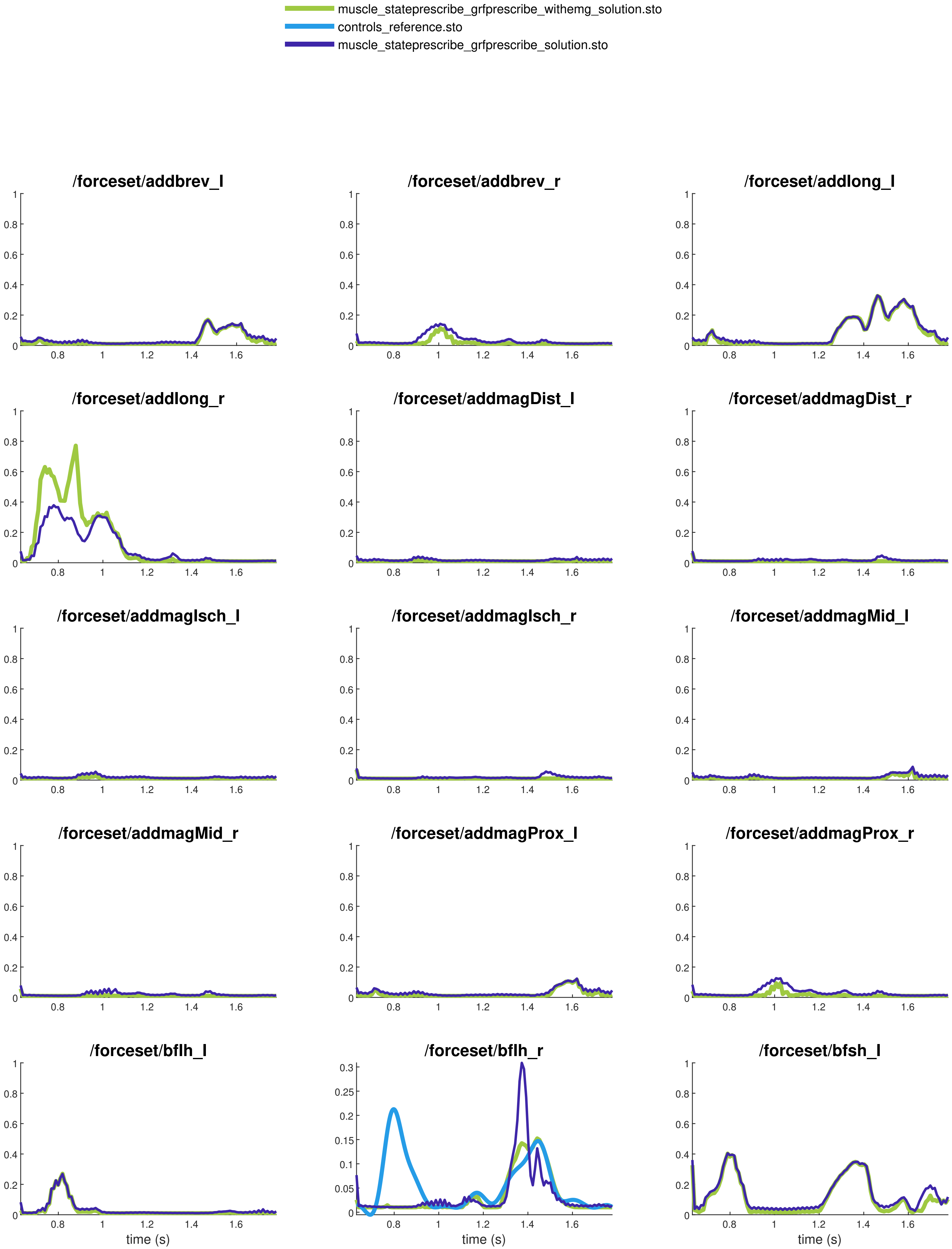
0.8
1
0.8
1
1.2
1.4
1.6
time (s)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1
0.05
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1
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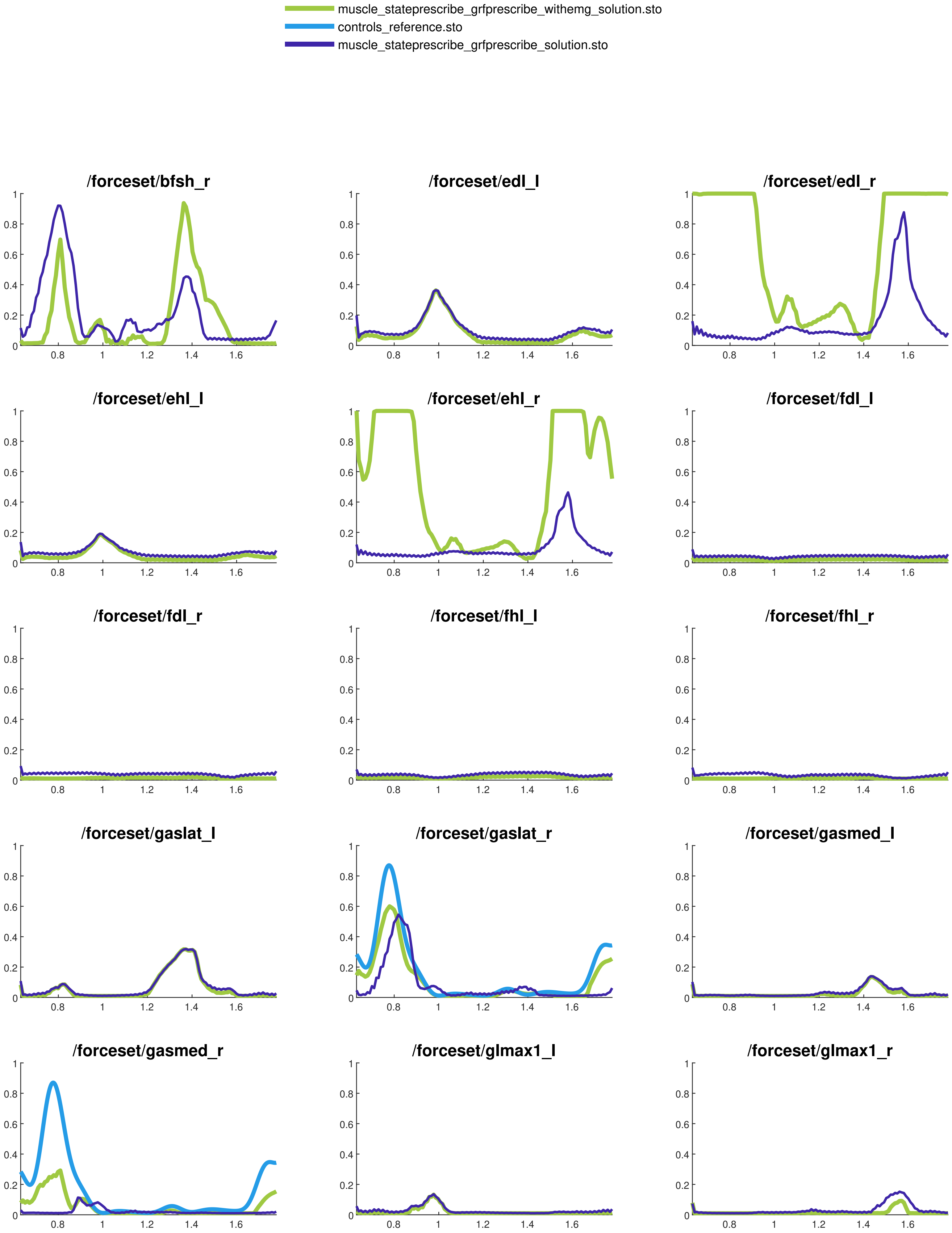
1.6
time (s)
time (s)
time (s)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/forceset/gasmed_l
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0
0.2
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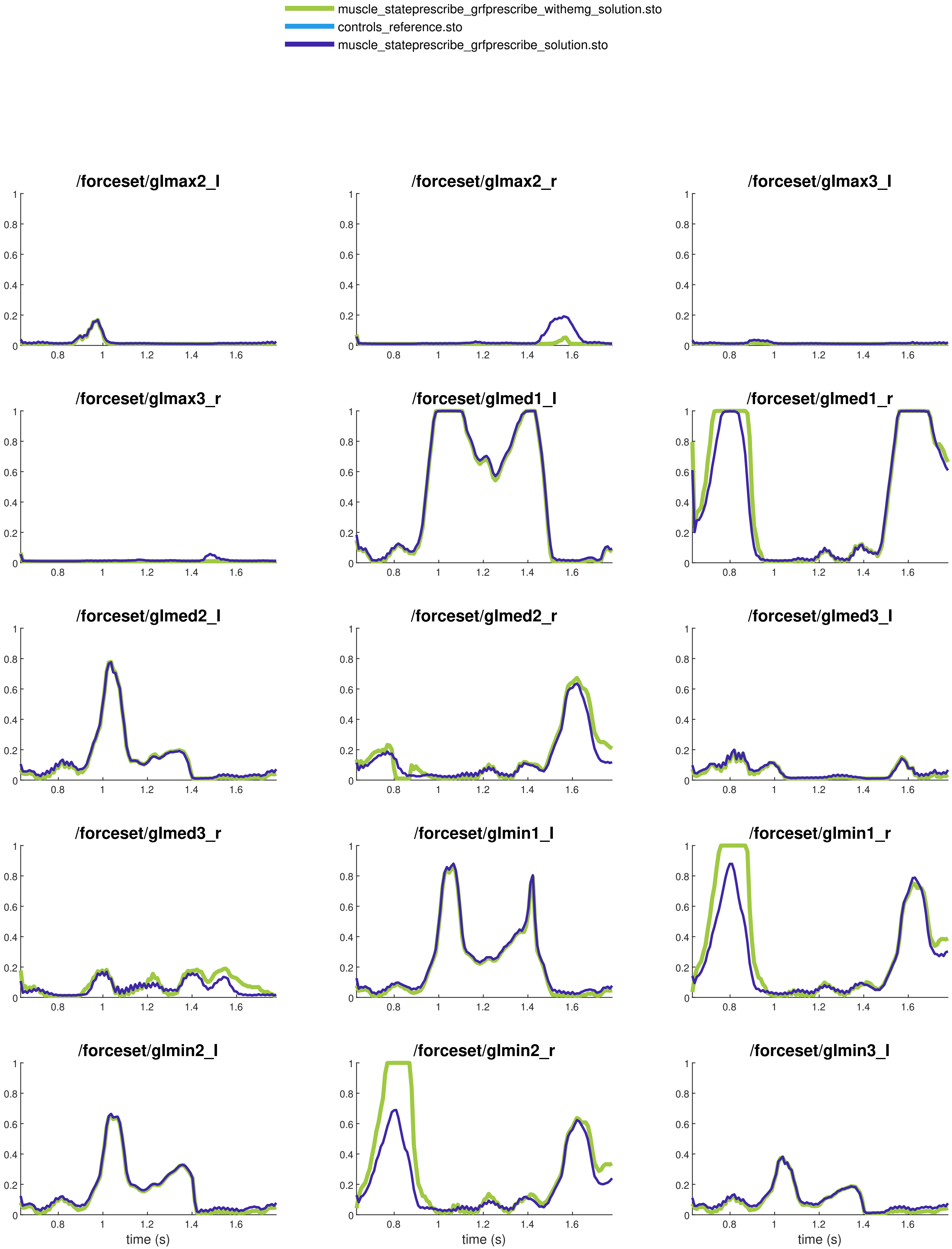
1.6
time (s)
time (s)
time (s)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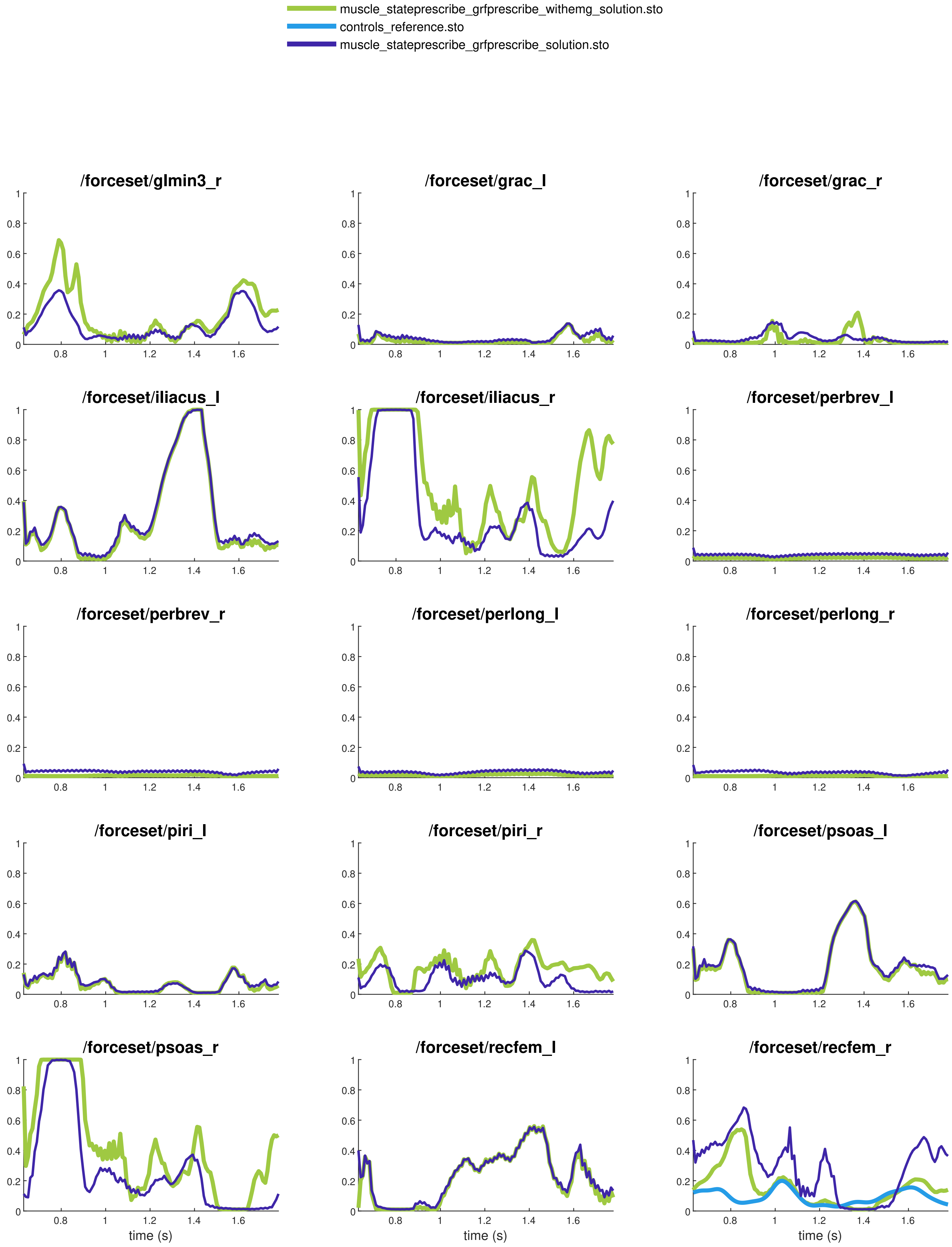
0.8
1
0.8
1
1.2
1.4
1.6
time (s)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/forceset/psoas_r
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0.2
0
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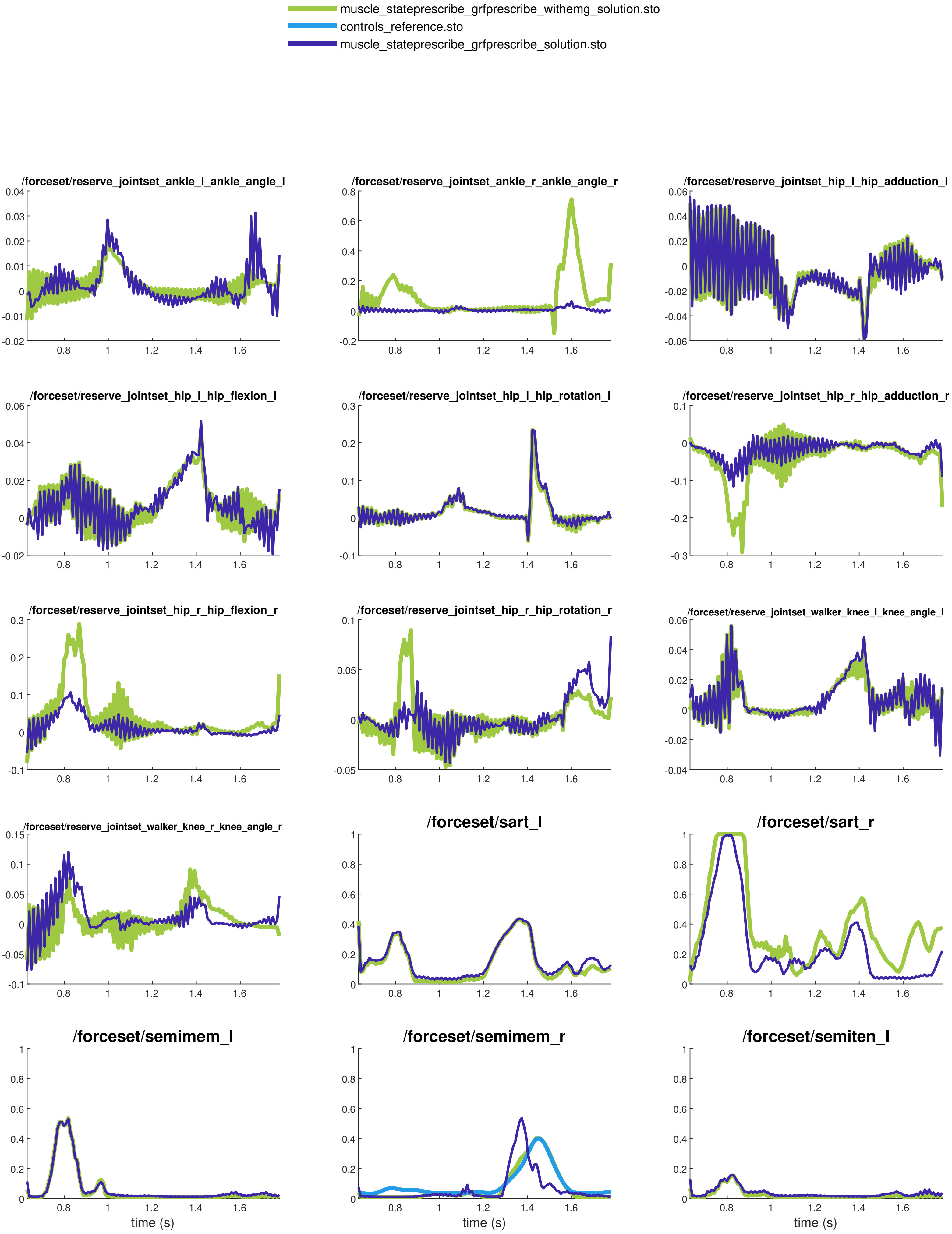
1
1.2
1.4
1.6
time (s)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/forceset/sart_r
/forceset/semimem_l
/forceset/semimem_r
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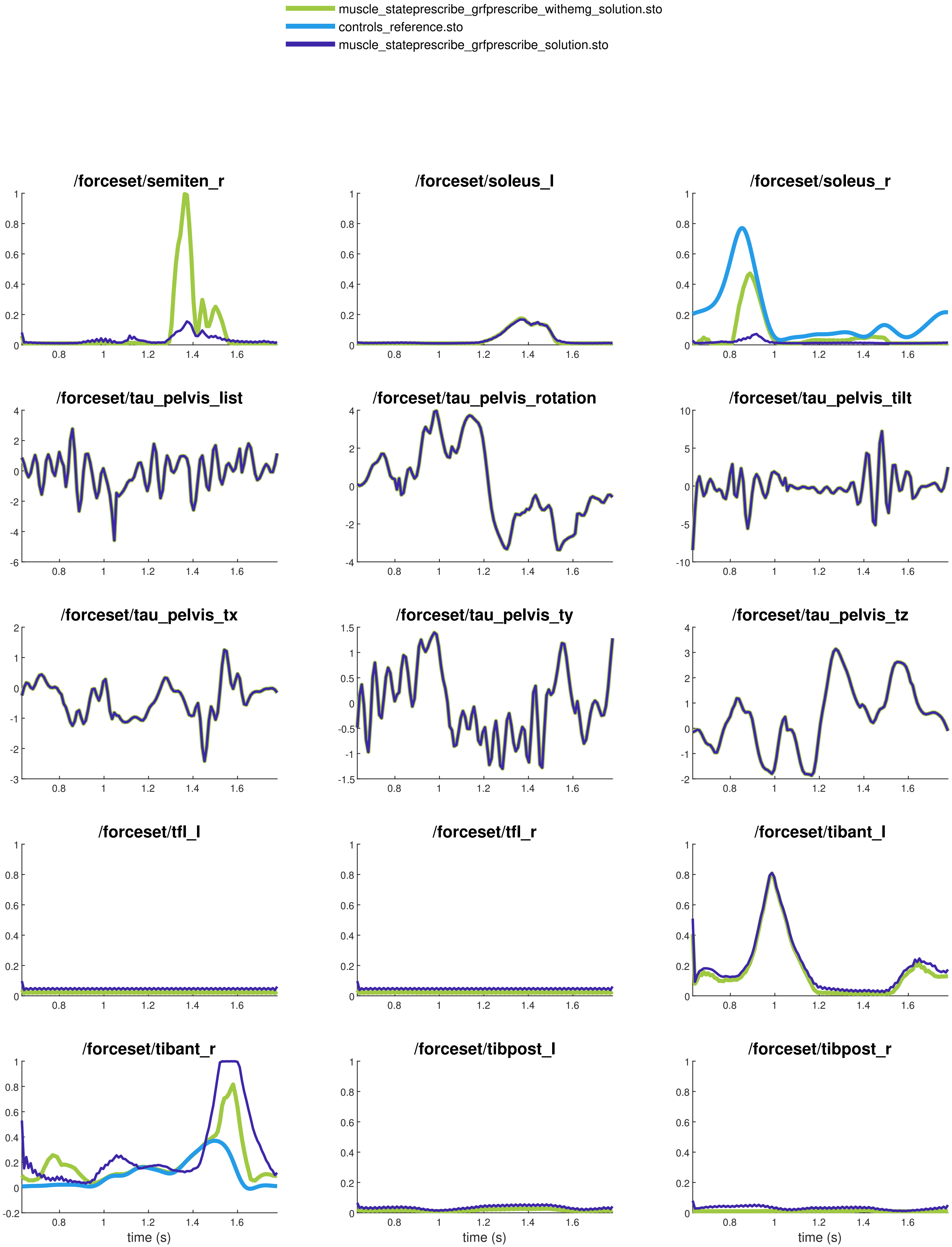
0.8
1
1.2
1.4
1.6
time (s)
time (s)
time (s)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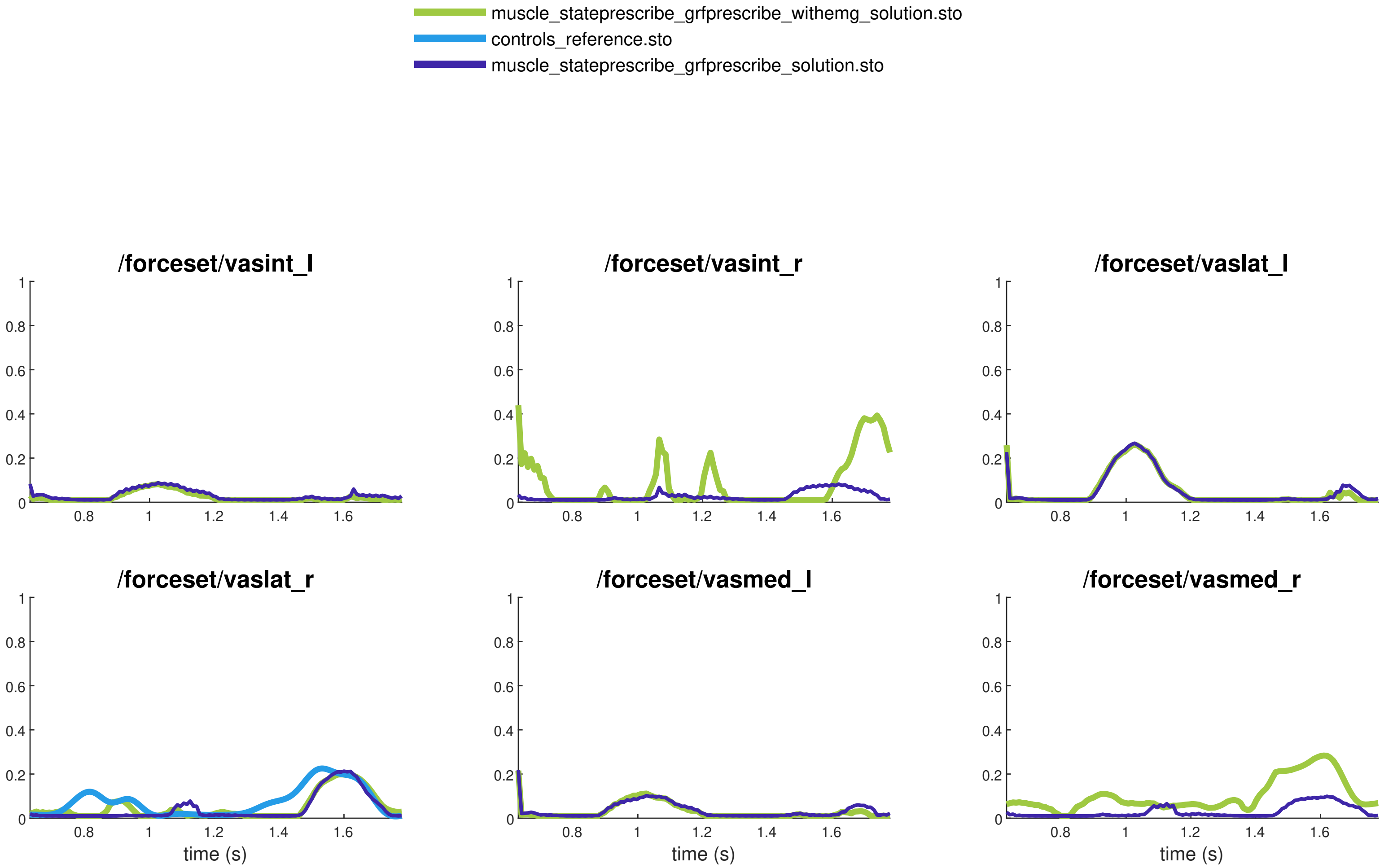
/forceset/tau_pelvis_tilt
/forceset/tau_pelvis_tx
/forceset/tau_pelvis_ty
/forceset/tau_pelvis_tz
/forceset/tfl_l
/forceset/tfl_r
/forceset/tibant_l
/forceset/tibant_r
/forceset/tibpost_l
/forceset/tibpost_r
0
0.2
0.4
0.6
0.8
1
-6
-4
-2
0
2
4
-10
-5
0
5
10
-3
-1
1
1.5
0.5
-0.5
-1.5
3
-0.2
0.8
1
1.2
1.4
1.6
time (s)
time (s)
time (s)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controls_reference.sto
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/forceset/vaslat_l
/forceset/vaslat_r
/forceset/vasmed_l
/forceset/vasmed_r
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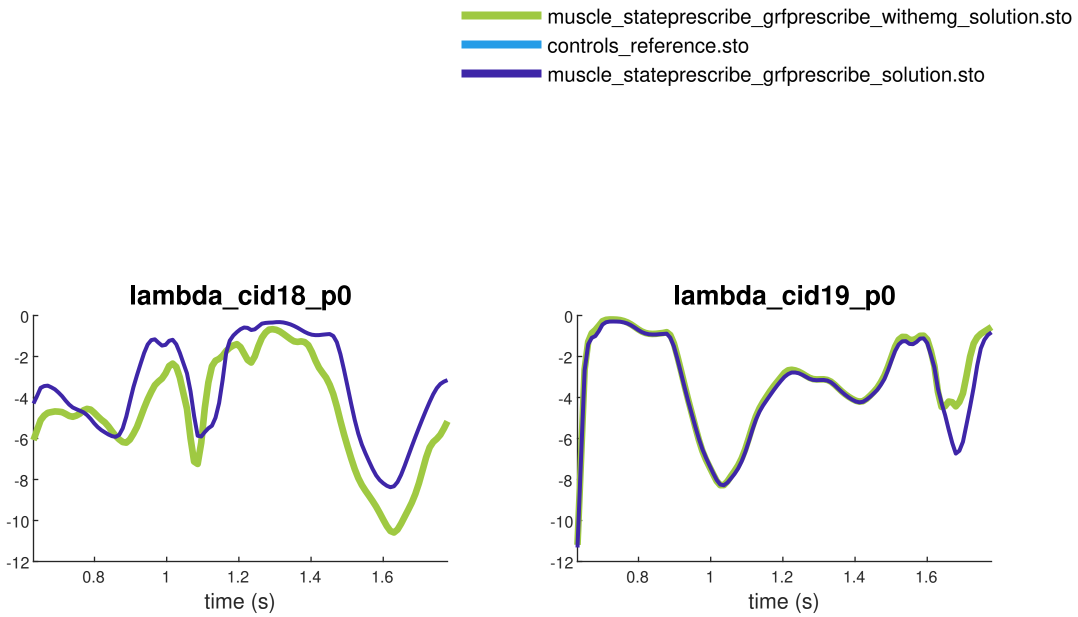
0.4
0.6
0.8
1
0.8
1
1.2
1.4
1.6
time (s)



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controls_reference.sto
muscle_stateprescribe_grfprescribe_solution.sto
lambda_cid18_p0
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-2
-4
-6
-8
-10
-12
0.8
1
1.2
1.4
1.6
time (s)
lambda_cid19_p0
0
-2
-4
-6
-8
-10
-12
0.8
1
1.2
1.4
1.6
time (s)