

Subject: TF1

Mode	Phase	Knee parameters			Ankle parameters		
		k [Nm/deg]	b [Nm·s/deg]	θ^{eq} [deg]	k [Nm/deg]	b [Nm·s/deg]	θ^{eq} [deg]
Walk	Early Stance	4	[0.1, 0.4]	5	[5, 12]	0.15	[-10, 0]
	Late Stance	[2, Prev.]	0.05	[Prev., 50]	[Prev., 12]	0.1	[-6, Prev.]
	Early Swing	2.5	0.05	50	3	0.15	5
	Late Swing	[2.5, Prev.]	[0.1, 0.5]	[0, Prev.]	[3, 8]	0.05	0
Ramp Ascent	Early Stance	1.1	0.15	0	5	0.3	0
	Late Stance	1	0.05	[Prev., 55]	5	0.15	[-5, Prev.]
	Early Swing	1.7	0.02	55	2	0.15	0
	Late Swing	1.5	0.05	0	2	0.2	0
Ramp descent	Early Stance	1.1	0.15	0	5	0.3	0
	Late Stance	1	0.05	[Prev., 55]	5	0.15	[-5, Prev.]
	Early Swing	1.7	0.02	55	2	0.15	0
	Late Swing	1.5	0.05	0	2	0.2	0
Stair Ascent	Stance	[7, 10]	0.1	[0, Prev.]	3	0.1	[0, Prev.]
	Early Swing	[1, 2]	0.15	110	3	0.1	10
	Midswing	2	0.05	50	3	0.05	8
Stair descent	Late Swing	2.5	0.05	[0, 90]	3	0.1	8
	Early Stance	0.4	0.1	0	2	0.2	0
	Late Stance	0.4	0.1	0	2	0.2	0
	Early Swing	0.7	0.25	Pknee+10	1.5	0.2	Pankle
	Late Swing	1.5	0.1	0	3	0.2	0

Prev. denotes the final value in the previous state.
Pknee denotes the final knee angle in the previous state.
Pankle denotes the final ankle angle in the previous state.

Subject: TF2

Mode	Phase	Knee parameters			Ankle parameters		
		k [Nm/deg]	b [Nm·s/deg]	θ^{eq} [deg]	k [Nm/deg]	b [Nm·s/deg]	θ^{eq} [deg]
Walk	Early Stance	4	[0.1, 0.4]	5	[5, 9.8]	0.15	[-12, 0]
	Late Stance	[2, Prev.]	0.05	[Prev., 40]	[Prev., 9.8]	0.1	[-6, Prev.]
	Early Swing	2	0.05	40	3	0.15	5
	Late Swing	[1.4, Prev.]	[0.05, 0.4]	[0, Prev.]	[5, 8]	0.05	0
Ramp Ascent	Early Stance	4	[0.1, 0.4]	5	[5, 9.8]	0.15	[-12, 0]
	Late Stance	[2, Prev.]	0.05	[Prev., 40]	[Prev., 9.8]	0.1	[-12, 0]
	Early Swing	2	0.05	40	3	0.15	5
	Late Swing	[1.6, Prev.]	[0.05, 0.3]	[0, Prev.]	[5, 8]	0.05	0
Ramp descent	Early Stance	1.1	0.2	0	5	0.4	0
	Late Stance	1.1	0.05	[Prev., 55]	5	0.15	[-6, Prev.]
	Early Swing	1.2	0.05	55	2	0.15	0
	Late Swing	1.2	0.1	0	2	0.2	0
Stair Ascent	Stance	[7, 8]	0.15	[0, Prev.]	2.5	0.05	[0, Prev.]
	Early Swing	1	0.05	100	3	0.2	15
	Midswing	1.5	0.05	65	3	0.1	5
Stair descent	Late Swing	1.5	0.05	[0, 90]	3	0.1	5
	Early Stance	0.4	0.25	0	2	0.2	0
	Late Stance	0.4	0.25	0	2	0.2	0
	Early Swing	0.5	0.3	Pknee+10	1.5	0.2	Pankle
	Late Swing	1	0.1	0	3	0.2	0

Prev. denotes the final value in the previous state.
Pknee denotes the final knee angle in the previous state.
Pankle denotes the final ankle angle in the previous state.

Subject: TF3

Mode	Phase	Knee parameters			Ankle parameters		
		k [Nm/deg]	b [Nm·s/deg]	θ^{eq} [deg]	k [Nm/deg]	b [Nm·s/deg]	θ^{eq} [deg]
Walk	Early Stance	4	[0.1, 0.4]	5	[5, 9.8]	[0.1, 0.2]	[-13, 0]
	Late Stance	[2, Prev.]	0.05	[Prev., 40]	[Prev., 9.8]	0.1	[-6, Prev.]
	Early Swing	2	0.05	40	3	0.15	5
	Late Swing	[1.6, Prev.]	[0.05, 0.3]	[0, Prev.]	[3, 8]	0.05	0
Ramp Ascent	Early Stance	4	[0.1, 0.4]	5	[3, 9.8]	[0.1, 0.2]	[-15, 0]
	Late Stance	[2, Prev.]	0.05	[Prev., 40]	[Prev., 9.8]	0.1	[-15, 0]
	Early Swing	2	0.05	40	3	0.15	5
	Late Swing	[1.3, Prev.]	[0.05, 0.3]	[0, Prev.]	[3, 8]	0.05	0
Ramp descent	Early Stance	1.2	0.2	0	5	0.4	0
	Late Stance	1.2	0.05	[Prev., 55]	5	0.15	[-6, Prev.]
	Early Swing	1.2	0.05	55	2	0.15	0
	Late Swing	1.2	0.1	0	2	0.2	0
Stair Ascent	Stance	[7, 9]	0.05	[0, Prev.]	2.5	0.05	[0, Prev.]
	Early Swing	1	0.05	90	3	0.2	15
	Midswing	1.5	0.05	65	3	0.1	8
Stair descent	Late Swing	1.5	0.05	[0, 90]	3	0.1	8
	Early Stance	0.6	0.15	0	2	0.2	0
	Late Stance	0.6	0.15	0	2	0.2	0
	Early Swing	0.5	0.3	Pknee+10	1.5	0.2	Pankle
	Late Swing	1	0.1	0	3	0.2	0

Prev. denotes the final value in the previous state.
Pknee denotes the final knee angle in the previous state.
Pankle denotes the final ankle angle in the previous state.

Subject: TF4

Mode	Phase	Knee parameters			Ankle parameters		
		k [Nm/deg]	b [Nm·s/deg]	θ^{eq} [deg]	k [Nm/deg]	b [Nm·s/deg]	θ^{eq} [deg]
Walk	Early Stance	4	[0.1, 0.4]	5	[5, 9.8]	0.15	[-12, 0]
	Late Stance	[2, Prev.]	0.05	[Prev., 40]	[Prev., 9.8]	0.1	[-6, Prev.]
	Early Swing	2	0.05	40	3	0.15	5
	Late Swing	[1.3, Prev.]	[0.05, 0.3]	[0, Prev.]	[5, 8]	0.15	0
Ramp Ascent	Early Stance	4	[0.1, 0.4]	5	[5, 9.8]	0.15	[-12, 0]
	Late Stance	[2, Prev.]	0.05	[Prev., 40]	[Prev., 9.8]	0.1	[-12, 0]
	Early Swing	2	0.05	40	3	0.15	5
	Late Swing	[1.4, Prev.]	[0.05, 0.3]	[0, Prev.]	[5, 8]	0.05	0
Ramp descent	Early Stance	1.2	0.2	0	5	0.4	0
	Late Stance	1.2	0.05	[Prev., 55]	5	0.15	[-6, Prev.]
	Early Swing	1.2	0.05	55	2	0.15	0
	Late Swing	1.2	0.1	0	2	0.2	0
Stair Ascent	Stance	[7, 8]	0.15	[0, Prev.]	2.5	0.05	[0, Prev.]
	Early Swing	1	0.05	100	3	0.2	15
	Midswing	1.5	0.05	65	3	0.1	8
Stair descent	Late Swing	1.5	0.05	[0, 90]	3	0.1	8
	Early Stance	0.6	0.25	0	2	0.2	0
	Late Stance	0.6	0.25	0	2	0.2	0
	Early Swing	0.5	0.3	Pknee+10	1.5	0.2	Pankle
	Late Swing	1	0.1	0	3	0.2	0

Prev. denotes the final value in the previous state.
Pknee denotes the final knee angle in the previous state.
Pankle denotes the final ankle angle in the previous state.

Subject: TF5

Mode	Phase	Knee parameters			Ankle parameters		
		k [Nm/deg]	b [Nm·s/deg]	θ^{eq} [deg]	k [Nm/deg]	b [Nm·s/deg]	θ^{eq} [deg]
Walk	Early Stance	4	[0.1, 0.4]	5	[Prev., 9.5]	[0.1, 0.2]	0
	Late Stance	[2, Prev.]	0.05	[Prev., 50]	[Prev., 9.5]	0.1	[-6, Prev.]
	Early Swing	2	0.05	50	3	0.15	5
	Late Swing	[1.3, Prev.]	[0.1, 0.3]	[0, Prev.]	[3, 8]	0.05	0
Ramp Ascent	Early Stance	4	[0.1, 0.4]	5	[Prev., 9.8]	[0.1, 0.2]	0
	Late Stance	[2, Prev.]	0.05	[Prev., 50]	[Prev., 9.5]	0.1	[-6, Prev.]
	Early Swing	2	0.05	50	3	0.15	5
	Late Swing	[1.3, Prev.]	[0.1, 0.3]	[0, Prev.]	[3, 8]	0.05	0
Ramp descent	Early Stance	1.1	0.2	0	5	0.4	0
	Late Stance	1.1	0.05	[Prev., 55]	5	0.15	[-6, Prev.]
	Early Swing	1.2	0.05	55	2	0.15	0
	Late Swing	1	0.1	0	2	0.2	0
Stair Ascent	Stance	9	0.05	[0, Prev.]	2.5	0.05	[0, Prev.]
	Early Swing	1	0.05	100	3	0.2	15
	Midswing	1.5	0.05	65	3	0.1	8
Stair descent	Late Swing	1.5	0.05	[0, 90]	3	0.1	8
	Early Stance	0.7	0.25	0	2	0.2	0
	Late Stance	0.7	0.25	0	2	0.2	0
	Early Swing	0.5	0.3	Pknee+10	1.5	0.2	Pankle
	Late Swing	1	0.1	0	3	0.2	0

Prev. denotes the final value in the previous state.
Pknee denotes the final knee angle in the previous state.
Pankle denotes the final ankle angle in the previous state.

Subject: TF6

Mode	Phase	Knee parameters			Ankle parameters		
		k [Nm/deg]	b [Nm·s/deg]	θ^{eq} [deg]	k [Nm/deg]	b [Nm·s/deg]	θ^{eq} [deg]
Walk	Early Stance	4	[0.1, 0.4]	5	[5, 12]	0.15	[-10, 0]
	Late Stance	[2, Prev.]	0.05	[Prev., 50]	[Prev., 12]	0.1	[-10, Prev.]
	Early Swing	2.5	0.05	50	3	0.15	5
	Late Swing	[2.5, Prev.]	[0.1, 0.4]	[0, Prev.]	[3, 8]	0.05	0
Ramp Ascent	Early Stance	4	[0.1, 0.4]	5	[5, 12]	0.15	[-10, 0]
	Late Stance	[2, Prev.]	0.05	[Prev., 50]	[Prev., 12]	0.1	[-10, Prev.]
	Early Swing	2.5	0.05	50	3	0.15	5
	Late Swing	[2.5, Prev.]	[0.05, 0.3]	[0, Prev.]	[3, 8]	0.05	0
Ramp descent	Early Stance	1.1	0.15	0	5	0.3	0
	Late Stance	1.2	0.05	[Prev., 55]	5	0.15	[-6, Prev.]
	Early Swing	1.7	0.02	55	2	0.15	0
	Late Swing	1.5	0.05	0	2	0.2	0
Stair Ascent	Stance	[9, 12]	0.1	[0, Prev.]	3	0.1	[0, Prev.]
	Early Swing	[1, 2]	0.1	90	3	0.1	10
	Midswing	[1, 2]	0.05	40	3	0.1	8
	Late Swing	2.5	0.05	[0, 90]	3	0.1	8
Stair descent	Early Stance	0.4	[0.15, 0.3]	0	2	0.2	0
	Late Stance	0.4	[0.15, 0.3]	0	2	0.2	0
	Early Swing	0.7	0.4	Pknee+10	1.5	0.2	Pankle
	Late Swing	1.5	0.1	0	3	0.2	0

Prev. denotes the final value in the previous state.
Pknee denotes the final knee angle in the previous state.
Pankle denotes the final ankle angle in the previous state.