

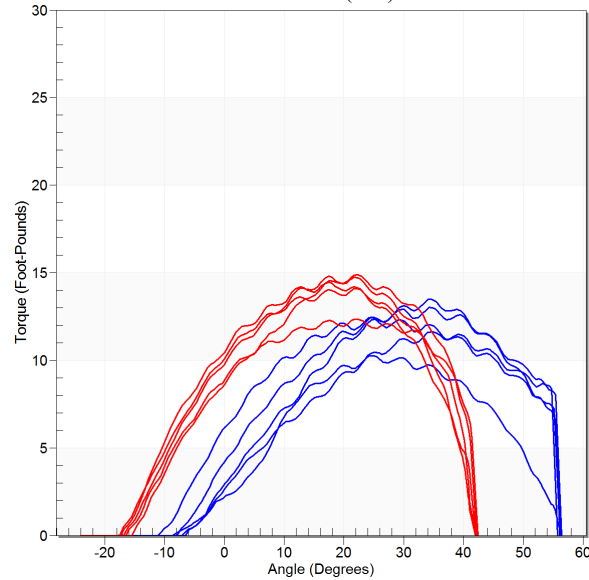
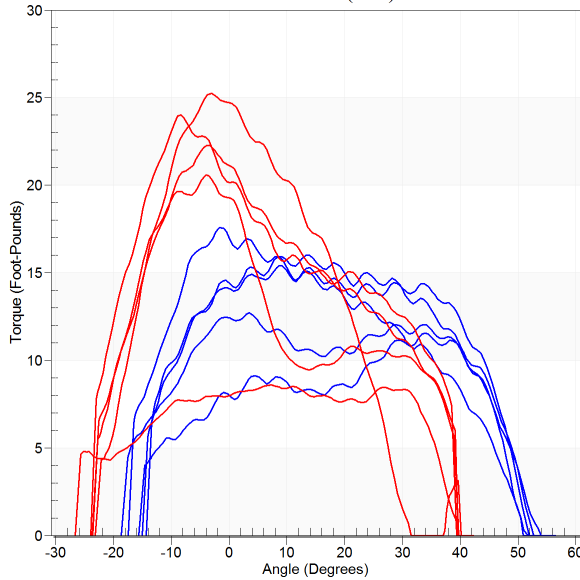
SCHOOL OF KINESIOLOGY MARSHALL**Long Form Torque vs. Position Report - Ankle Plantar/Dorsiflexion Supine**

Name:	Ruttencutter, Taylor	ID:	HS375017	Right/Left:	1/17/2025 1/17/2025
Birth date:	12/1/2005	Involved Side:	Left	Group 1:	
Height:	65 Inches	Preferred Side:	Right	Group 2:	
Weight:	160 Pounds	Doctor:			
Gender:	Female	Tester:			
Diagnosis:					
Surgery:					

SCHOOL OF KINESIOLOGY MARSHALL

Long Form Torque vs. Position Report - Ankle Plantar/Dorsiflexion Supine

Name: Ruttencutter, Taylor ID: HS375017 Right/Left: 1/17/2025 1/17/2025
 Plantarflexors (Con) Dorsiflexors (Con)



Right Side Curves		Left Side Curves						
Isokinetic Con/Con		Plantarflexors (Con)		Dorsiflexors (Con)				
Speed 60/60 deg/sec 5 Reps		Value	Cof Var	%BW	Value	Cof Var	%BW	Ratio

TORQUE PARAMETERS

Peak Torque (Foot-Pounds - Best Repetition)

Right	18	0.17	11	13	0.10	8	72
Left	25	0.33	16	15	0.07	9	60
Deficit	-28			-13			

Work per Repetition (Foot-Pounds - Best Repetition)

Right	14	0.16	9	11	0.15	7	79
Left	17	0.26	11	10	0.05	6	59
Deficit	-18			9			

Average Power per Repetition (Watts - Best Repetition)

Right	16	0.17	10	11	0.16	7	69
Left	20	0.28	12	12	0.05	8	60
Deficit	-20			-8			

POSITION PARAMETERS

Joint Angle at Peak Torque (Degrees)

Right	12	1.19	31	0.17
Left	-2	-2.43	20	0.13

Range of Motion (Degrees)

Right	56	0.01	-16	-0.12
Left	42	0.00	-24	-0.06

TIME PARAMETERS

Time to Peak Torque (Seconds)

Right	0.54	0.46	0.48	0.22
Left	0.37	0.11	0.42	0.10

Time Peak Torque Held (Seconds)

Right	0.02	1.70	0.02	1.99
Left	0.03	1.05	0.05	1.42

Force Decay Time (Seconds)

Right	0.73	0.32	0.78	0.09
Left	0.72	0.17	0.71	0.09

Reciprocal Delay (Seconds)

Right	0.09	0.14	0.07	0.15
Left	0.09	0.09	0.14	0.58

Delay Time (Seconds)

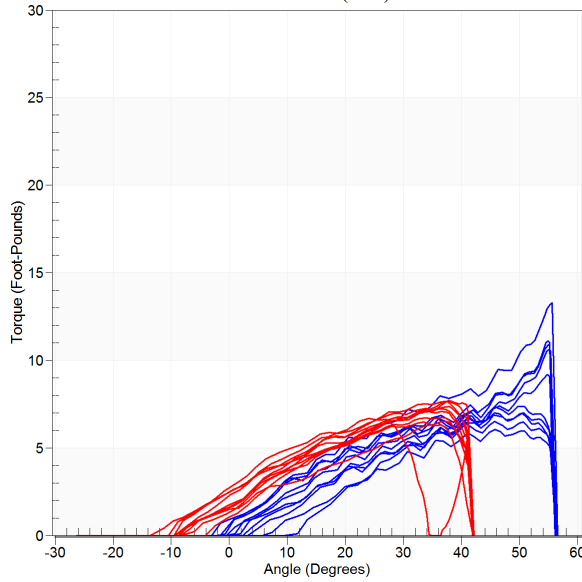
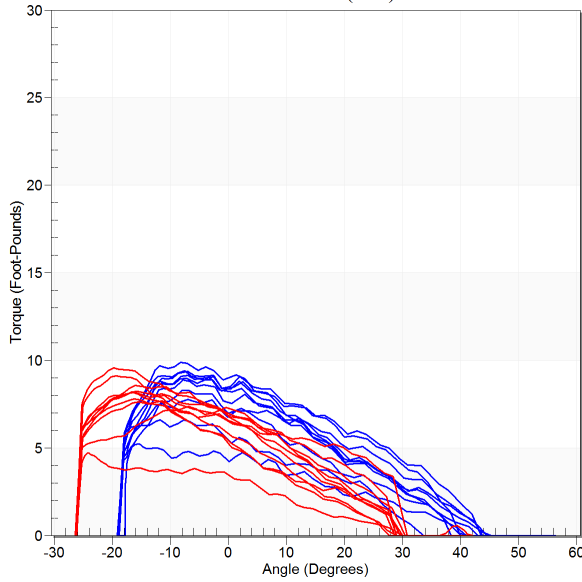
Right	-0.04	-0.12	-0.04	-0.12
Left	-0.05	0.00	-0.03	-0.68

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Name: Ruttencutter, Taylor ID: HS375017 Right/Left: 1/17/2025 1/17/2025
Plantarflexors (Con) Dorsiflexors (Con)



Right Side Curves		Left Side Curves		Plantarflexors (Con)		Dorsiflexors (Con)		Ratio
Isokinetic Con/Con	Speed 180/180 deg/sec 10 Reps	Value	Cof Var	%BW	Value	Cof Var	%BW	

TORQUE PARAMETERS

Peak Torque (Foot-Pounds - Best Repetition)

Right	10	0.17	6	14	0.29	9	140
Left	10	0.16	6	8	0.07	5	80
Deficit	0			43			

Work per Repetition (Foot-Pounds - Best Repetition)

Right	7	0.20	4	6	0.18	4	86
Left	6	0.20	4	4	0.10	2	67
Deficit	14			33			

Average Power per Repetition (Watts - Best Repetition)

Right	17	0.24	11	16	0.22	10	94
Left	16	0.24	10	11	0.14	7	69
Deficit	6			31			

POSITION PARAMETERS

Joint Angle at Peak Torque (Degrees)

Right	-9	-0.32	52	0.09
Left	-16	-0.29	37	0.07

Range of Motion (Degrees)

Right	56	0.00	-18	0.00
Left	41	0.00	-26	0.00

TIME PARAMETERS

Time to Peak Torque (Seconds)

Right	0.17	0.09	0.09	0.92
Left	0.17	0.25	0.12	0.41

Time Peak Torque Held (Seconds)

Right	0.02	1.15	0.03	1.04
Left	0.00	2.11	0.05	2.28

Force Decay Time (Seconds)

Right	0.39	0.15	0.45	0.15
Left	0.38	0.17	0.39	0.09

Reciprocal Delay (Seconds)

Right	0.06	0.09	0.05	0.14
Left	0.05	0.08	0.06	0.11

Delay Time (Seconds)

Right	-0.03	-0.35	-0.03	-0.18
Left	-0.03	-0.21	-0.03	-0.29

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SCHOOL OF KINESIOLOGY MARSHALL**Long Form Torque vs. Position Report - Knee Extension/Flexion**

Name:	Ruttencutter, Taylor	ID:	HS375017	Right/Left:	1/17/2025 1/17/2025
Birth date:	12/1/2005	Involved Side:	Left	Group 1:	
Height:	65 Inches	Preferred Side:	Right	Group 2:	
Weight:	160 Pounds	Doctor:			
Gender:	Female	Tester:			
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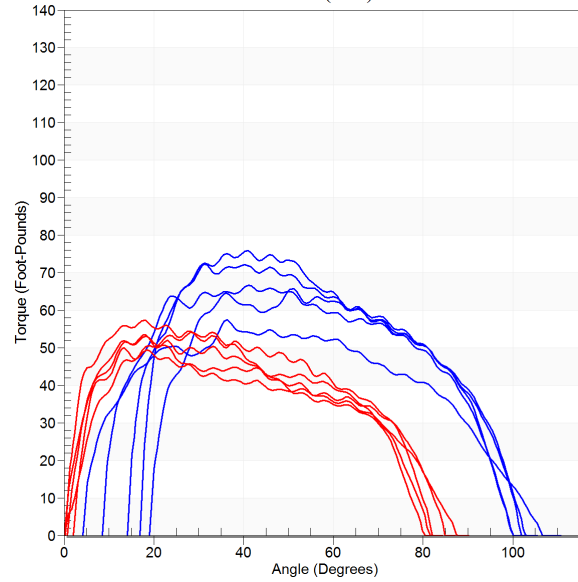
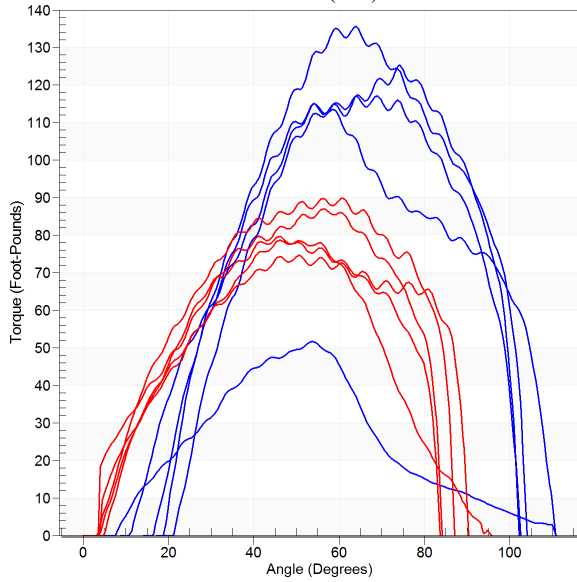
SCHOOL OF KINESIOLOGY MARSHALL

Long Form Torque vs. Position Report - Knee Extension/Flexion

Name: Ruttencutter, Taylor ID: HS375017 Right/Left: 1/17/2025 1/17/2025

Extensors (Con)

Flexors (Con)



Right Side Curves

Left Side Curves

Isokinetic Con/Con

Extensors (Con)

Speed 60/60 deg/sec 5 Reps

Value

Cof Var

%BW

Flexors (Con)

Value

Cof Var

%BW

Ratio

TORQUE PARAMETERS

Peak Torque (Foot-Pounds - Best Repetition)

Right	136	0.30	85	76	0.10	48	56
Left	90	0.08	56	57	0.05	36	63
Deficit	34			25			

Work per Repetition (Foot-Pounds - Best Repetition)

Right	140	0.35	88	84	0.07	52	60
Left	97	0.10	61	62	0.06	39	64
Deficit	31			26			

Average Power per Repetition (Watts - Best Repetition)

Right	128	0.39	80	74	0.12	46	58
Left	88	0.13	55	58	0.07	36	66
Deficit	31			22			

POSITION PARAMETERS

Joint Angle at Peak Torque (Degrees)

Right	63	0.14		40	0.18
Left	52	0.13		20	0.37

Range of Motion (Degrees)

Right	15	0.30		105	0.04
Left	1	0.90		88	0.06

TIME PARAMETERS

Time to Peak Torque (Seconds)

Right	0.69	0.31		0.50	0.27
Left	0.58	0.20		0.37	0.38

Time Peak Torque Held (Seconds)

Right	0.04	1.16		0.05	1.39
Left	0.04	0.86		0.01	0.91

Force Decay Time (Seconds)

Right	0.80	0.15		1.03	0.12
Left	0.82	0.13		1.08	0.15

Reciprocal Delay (Seconds)

Right	0.05	0.23		0.05	0.16
Left	0.05	0.00		0.07	0.24

Delay Time (Seconds)

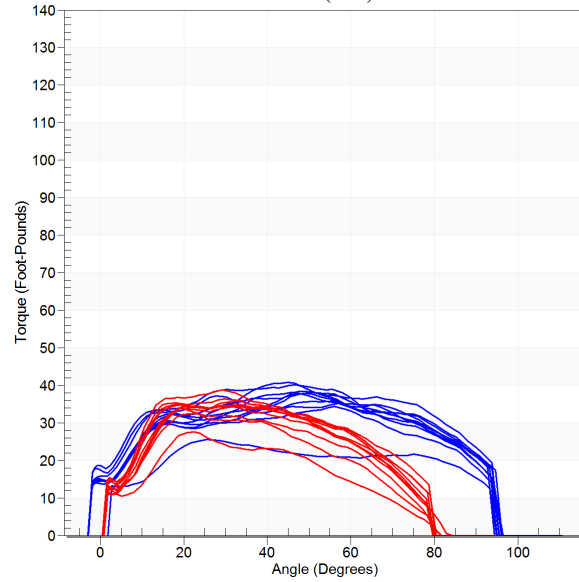
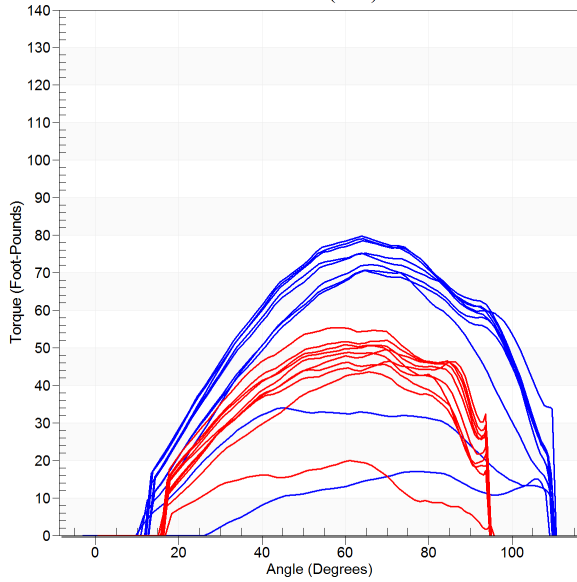
Right	-0.03	-0.27		-0.03	-0.24
Left	-0.03	0.00		-0.03	-0.16

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SCHOOL OF KINESIOLOGY MARSHALL

Long Form Torque vs. Position Report - Knee Extension/Flexion

Name: Ruttencutter, Taylor ID: HS375017 Right/Left: 1/17/2025 1/17/2025
 Extensors (Con) Flexors (Con)



Right Side Curves

Left Side Curves

Isokinetic Con/Con

Extensors (Con)

Speed 180/180 deg/sec 10 Reps

Value Cof Var

%BW

Flexors (Con)

Value Cof Var

%BW

Ratio

TORQUE PARAMETERS

Peak Torque (Foot-Pounds - Best Repetition)

Right	80	0.33	50	41	0.12	26	51
Left	55	0.21	34	39	0.08	24	71
Deficit	31			5			

Work per Repetition (Foot-Pounds - Best Repetition)

Right	97	0.35	61	54	0.12	34	56
Left	59	0.24	37	38	0.13	24	64
Deficit	39			30			

Average Power per Repetition (Watts - Best Repetition)

Right	183	0.35	114	102	0.13	64	56
Left	135	0.27	84	84	0.13	52	62
Deficit	26			18			

POSITION PARAMETERS

Joint Angle at Peak Torque (Degrees)

Right	64	0.12		45	0.23
Left	64	0.07		26	0.22

Range of Motion (Degrees)

Right	-2	-0.03		109	0.01
Left	1	0.03		94	0.00

TIME PARAMETERS

Time to Peak Torque (Seconds)

Right	0.33	0.14		0.33	0.19
Left	0.18	0.20		0.21	0.14

Time Peak Torque Held (Seconds)

Right	0.01	0.29		0.01	0.94
Left	0.02	1.01		0.00	2.25

Force Decay Time (Seconds)

Right	0.39	0.11		0.39	0.16
Left	0.38	0.06		0.41	0.08

Reciprocal Delay (Seconds)

Right	0.05	0.21		0.04	0.08
Left	0.04	0.20		0.04	0.12

Delay Time (Seconds)

Right	-0.03	-0.21		-0.02	-0.21
Left	0.02	0.93		-0.03	-0.21

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