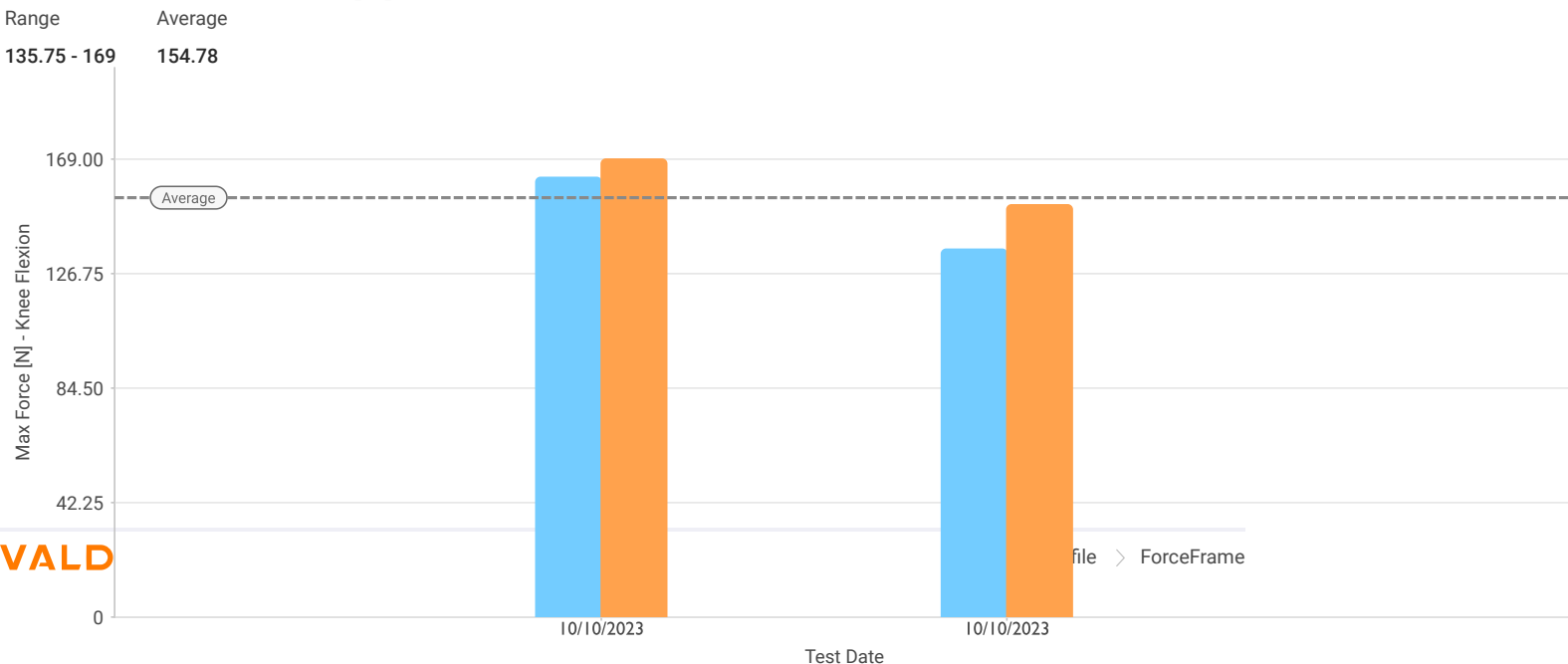


## Tests (11)

Profile	Date	Test Type	Test Position	Reps
Maria Giulia Legnaioli				
11 Tests				
	10/10/2023 5:15 PM	Knee Flexion	Prone	FLEX 2 L / 2 R
	10/10/2023 5:12 PM	Hip IR/ER	Prone	ER 2 L / 2 R IR 2 L / 0 R
	10/10/2023 5:09 PM	Ankle IN/EV	Supine	INV 0 L / 0 R EV 2 L / 2 R
	10/10/2023 5:07 PM	Hip AD/AB	Supine (Knee)	ADD 2 L / 2 R ABD 2 L / 2 R
	10/10/2023 5:02 PM	Knee Extension	Seated (90)	EXT 2 L / 2 R
	10/10/2023 4:57 PM	Ankle Dorsiflexion	Seated	DF 2 L / 2 R
	10/10/2023 4:55 PM	Hip Flexion	Seated	FLEX 2 L / 2 R
	10/10/2023 4:52 PM	Ankle Plantar Flexion	Seated	FLEX 2 L / 2 R
	10/10/2023 4:48 PM	Hip Extension	Standing	EXT 2 L / 2 R
	10/10/2023 4:46 PM	Hip Flexion	Kicker	FLEX 2 L / 2 R
	10/10/2023 4:43 PM	Knee Flexion	Standing	FLEX 2 L / 2 R

## Knee Flexion Max Force [N] - Knee Flexion



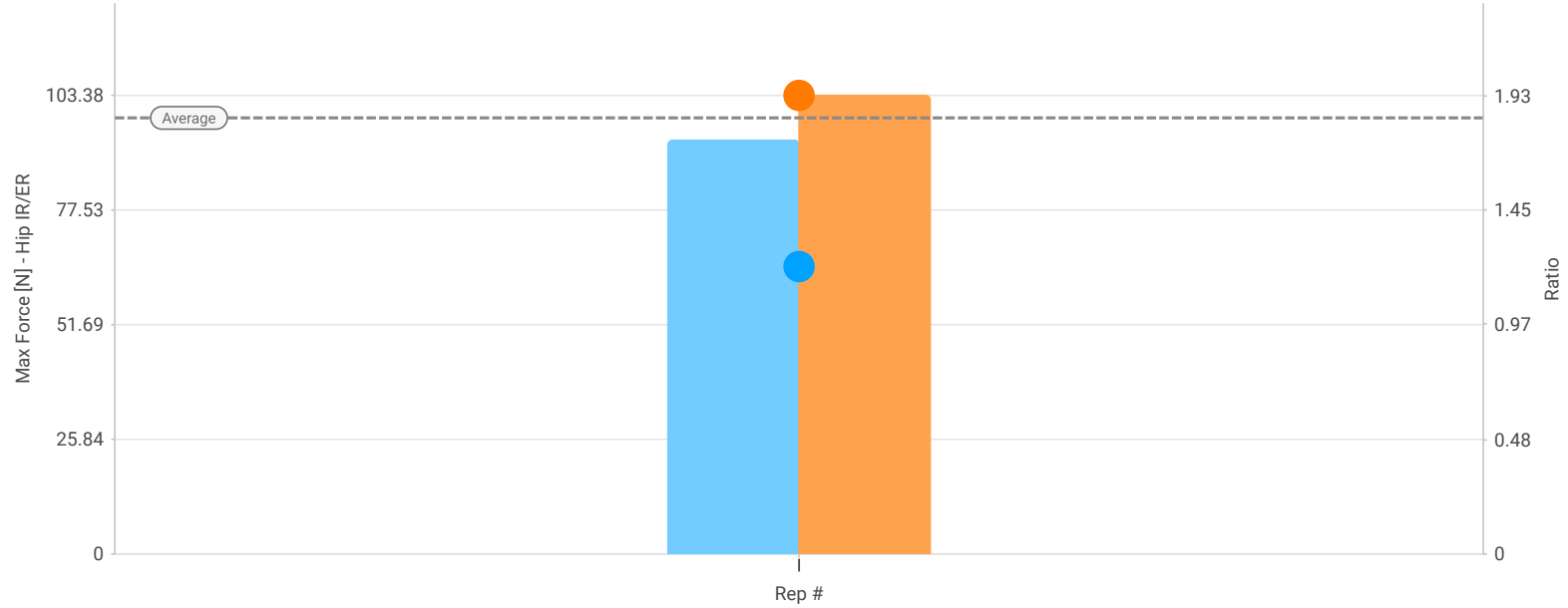
## External Rotation Max Force [N] - Hip IR/ER

Range

Average

93.25 - 103.38

98.31



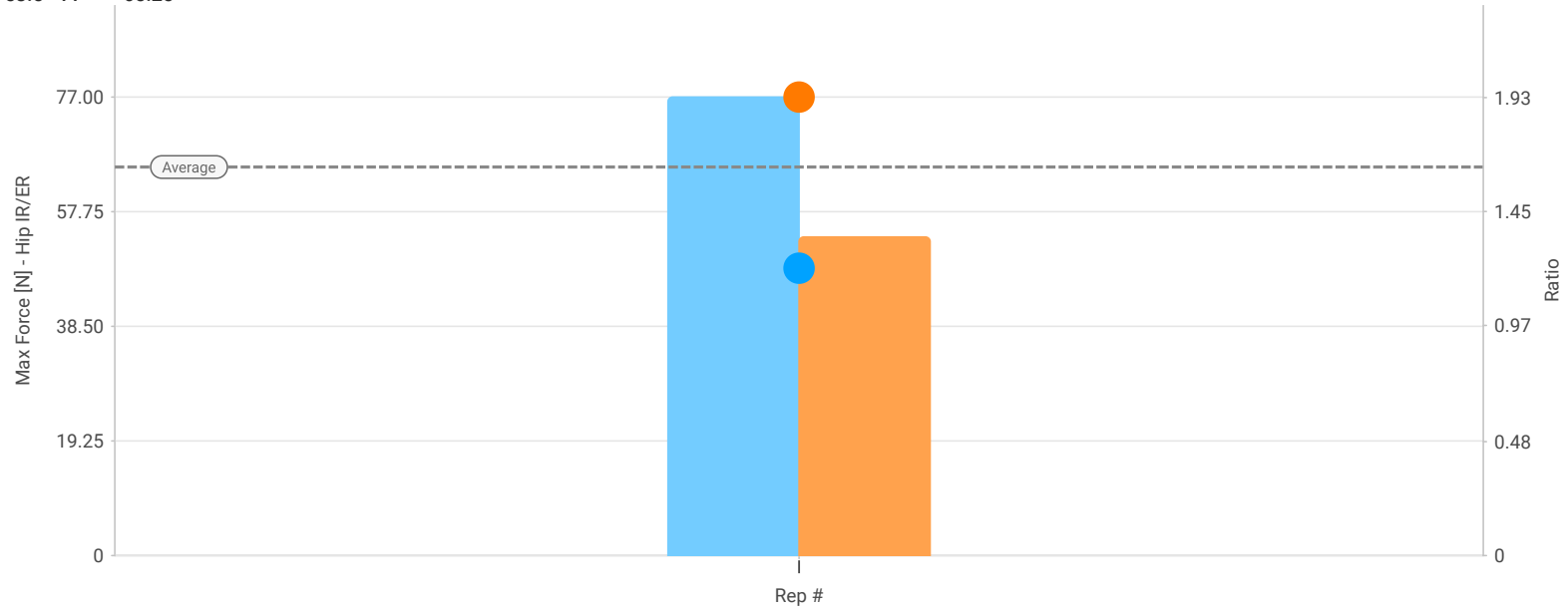
## Internal Rotation Max Force [N] - Hip IR/ER

Range

Average

53.5 - 77

65.25



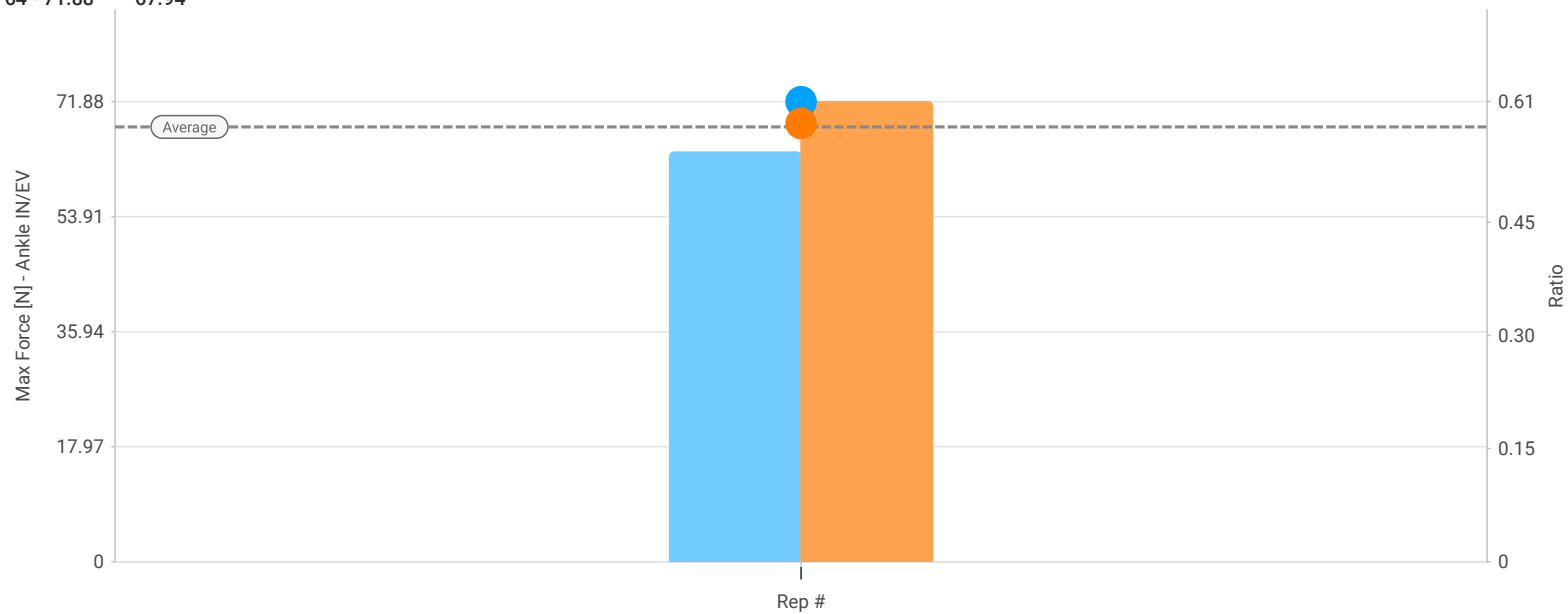
## Inversion Max Force [N] - Ankle IN/EV

Range

64 - 71.88

Average

67.94



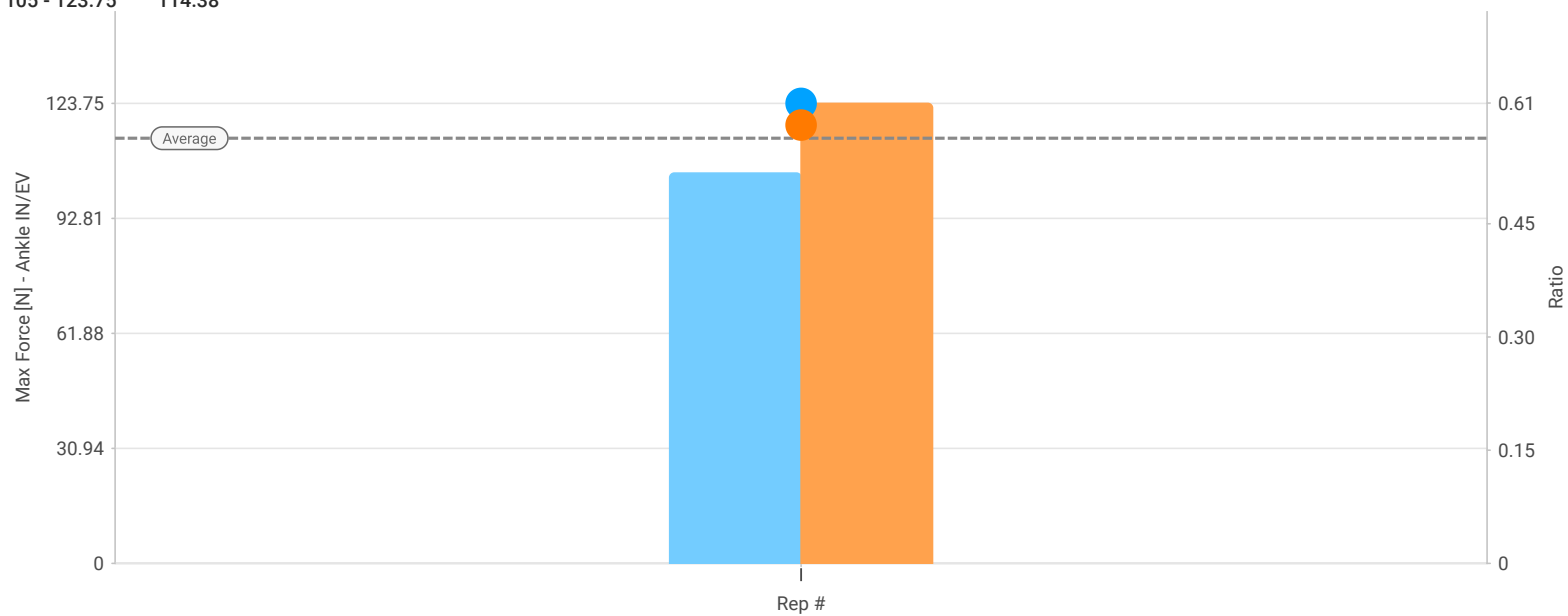
## Eversion Max Force [N] - Ankle IN/EV

Range

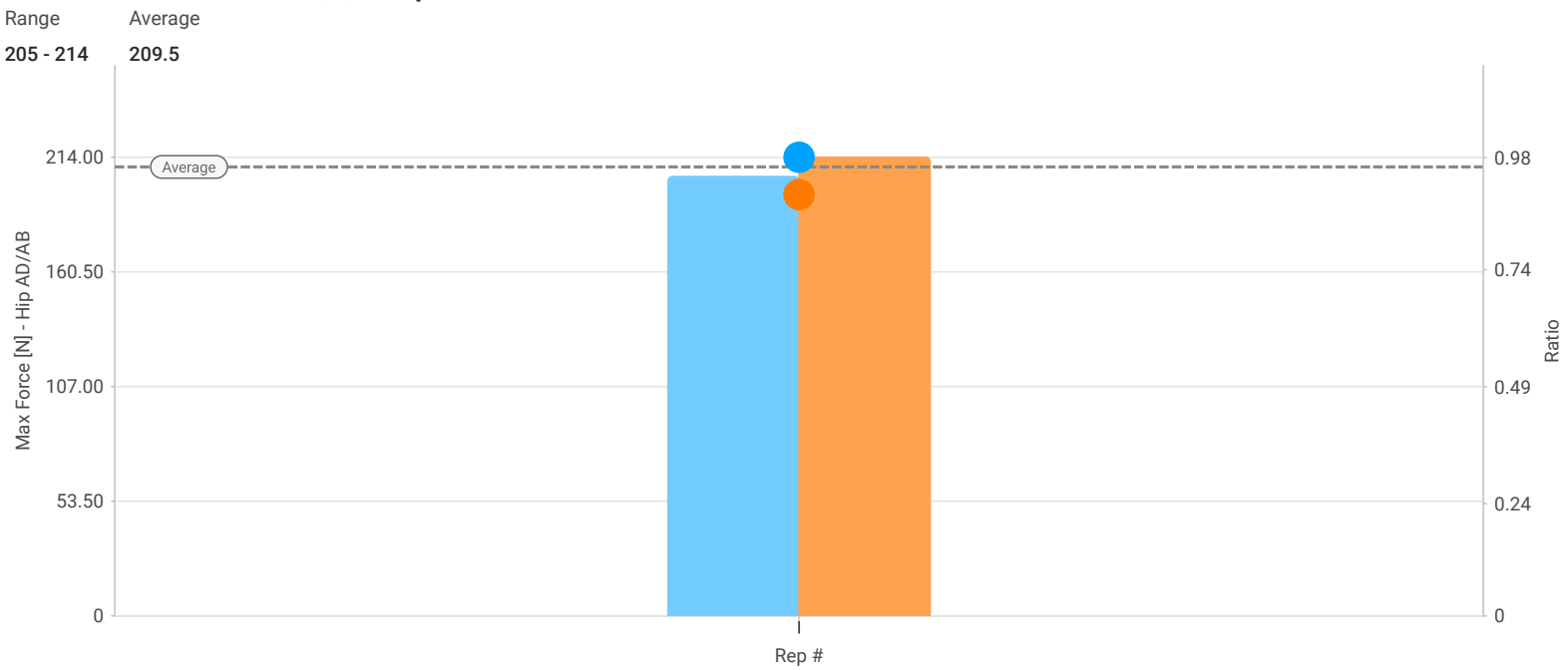
105 - 123.75

Average

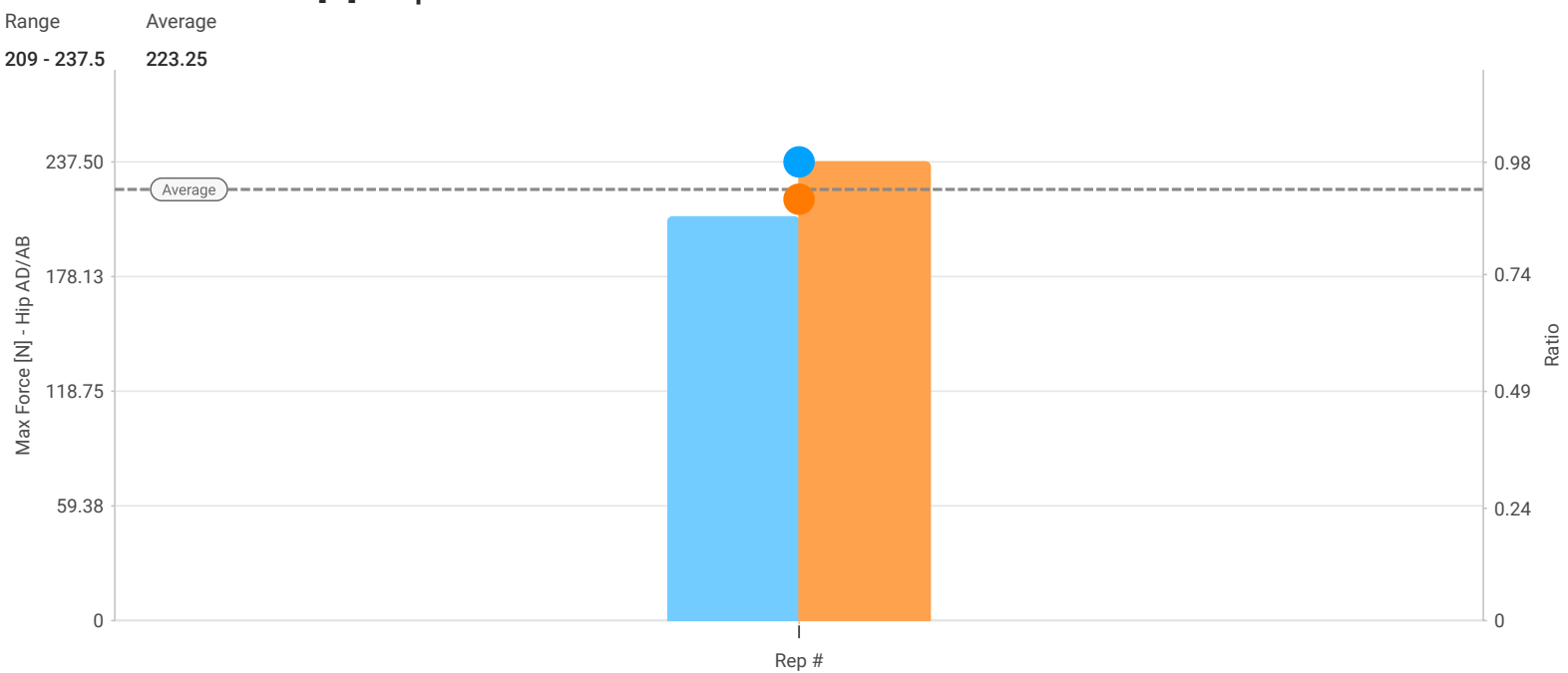
114.38



## Adduction Max Force [N] - Hip AD/AB



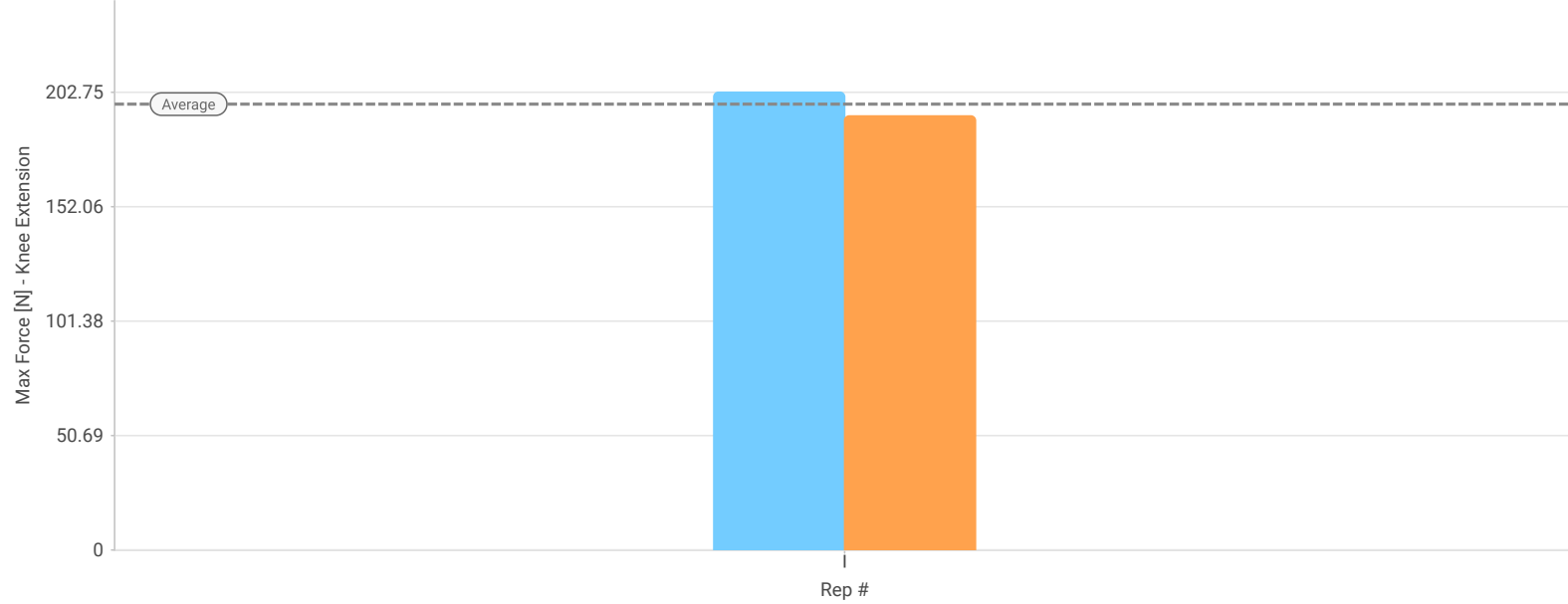
## Abduction Max Force [N] - Hip AD/AB



## Extension Max Force [N] - Knee Extension

Range  
192.25 - 202.75

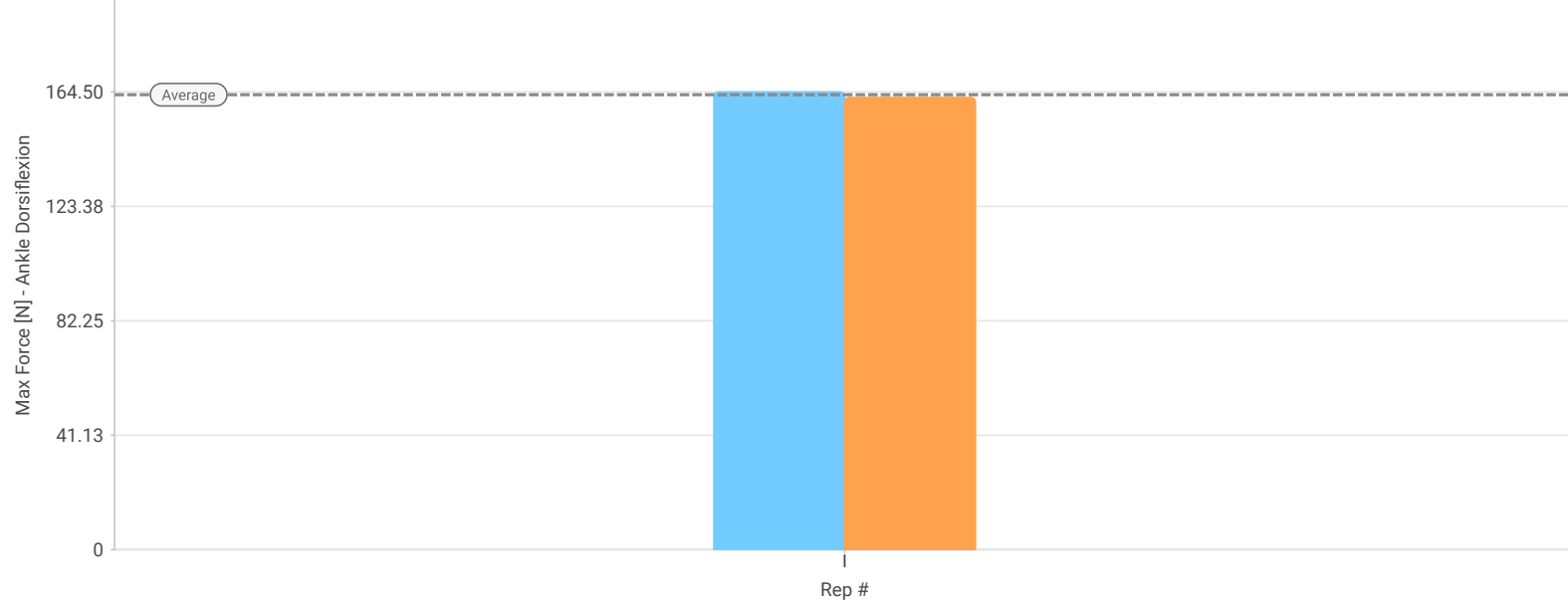
Average  
197.5



## Dorsiflexion Max Force [N] - Ankle Dorsiflexion

Range  
162.5 - 164.5

Average  
163.5



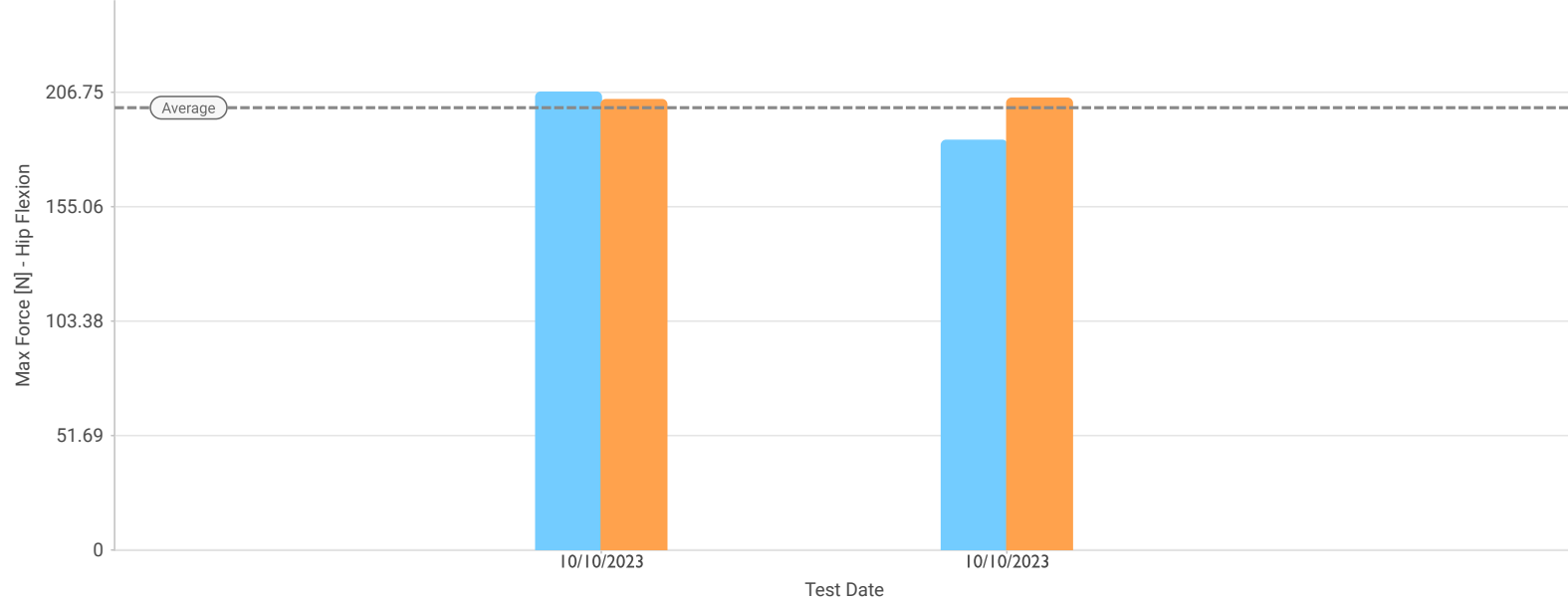
## Flexion Max Force [N] - Hip Flexion

Range

Average

185 - 206.75

199.78



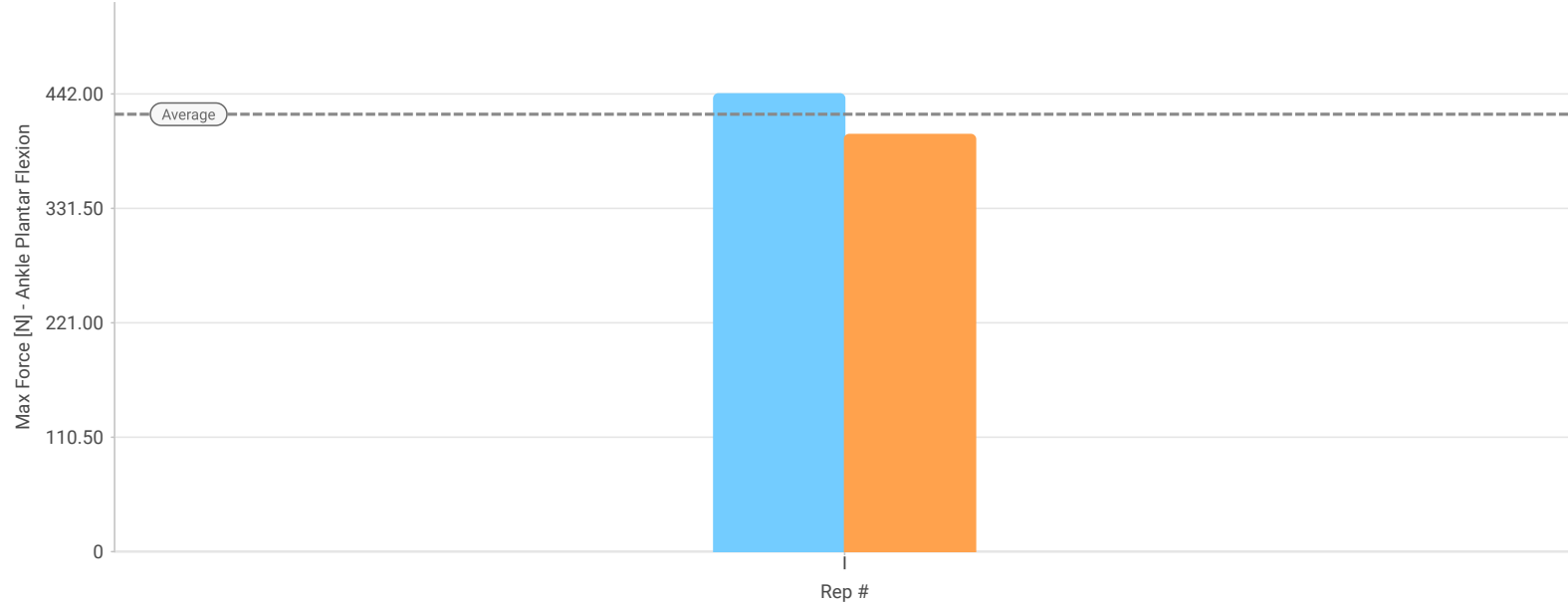
## Plantar Flexion Max Force [N] - Ankle Plantar Flexion

Range

Average

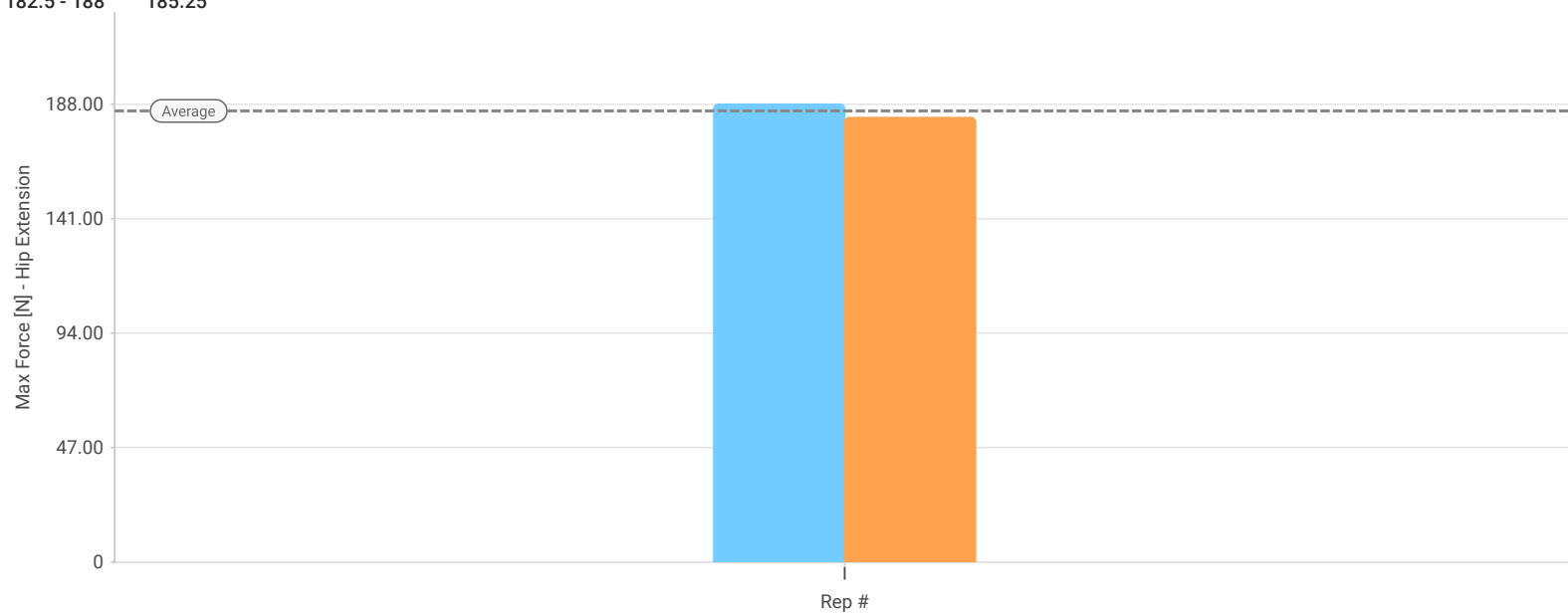
402.75 - 442

422.38



## Extension Max Force [N] - Hip Extension

Range      Average  
182.5 - 188      185.25



## Knee Flexion Asymmetry [%] - Knee Flexion

Range      Average  
3.99 L - 10.76 R      7.38 R



## External Rotation Asymmetry [%] - Hip IR/ER

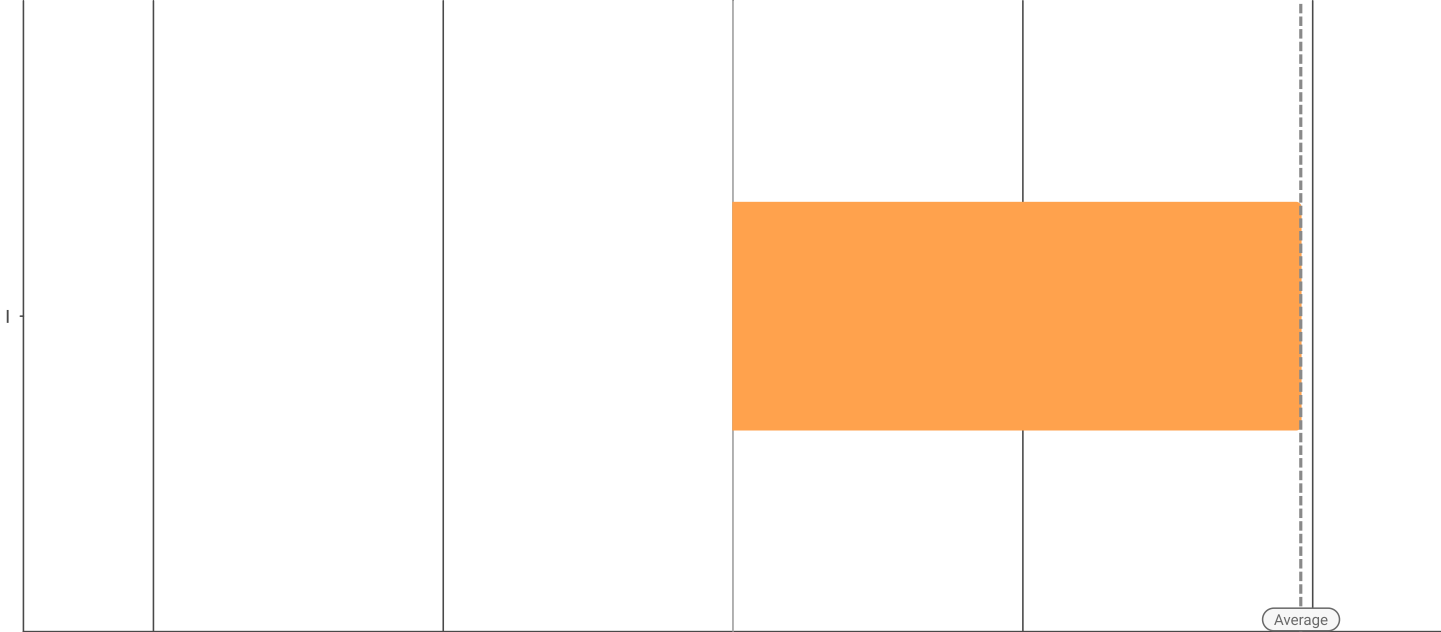
Range

Average

9.79 L - 9.79 R

9.79 R

Rep #



## Internal Rotation Asymmetry [%] - Hip IR/ER

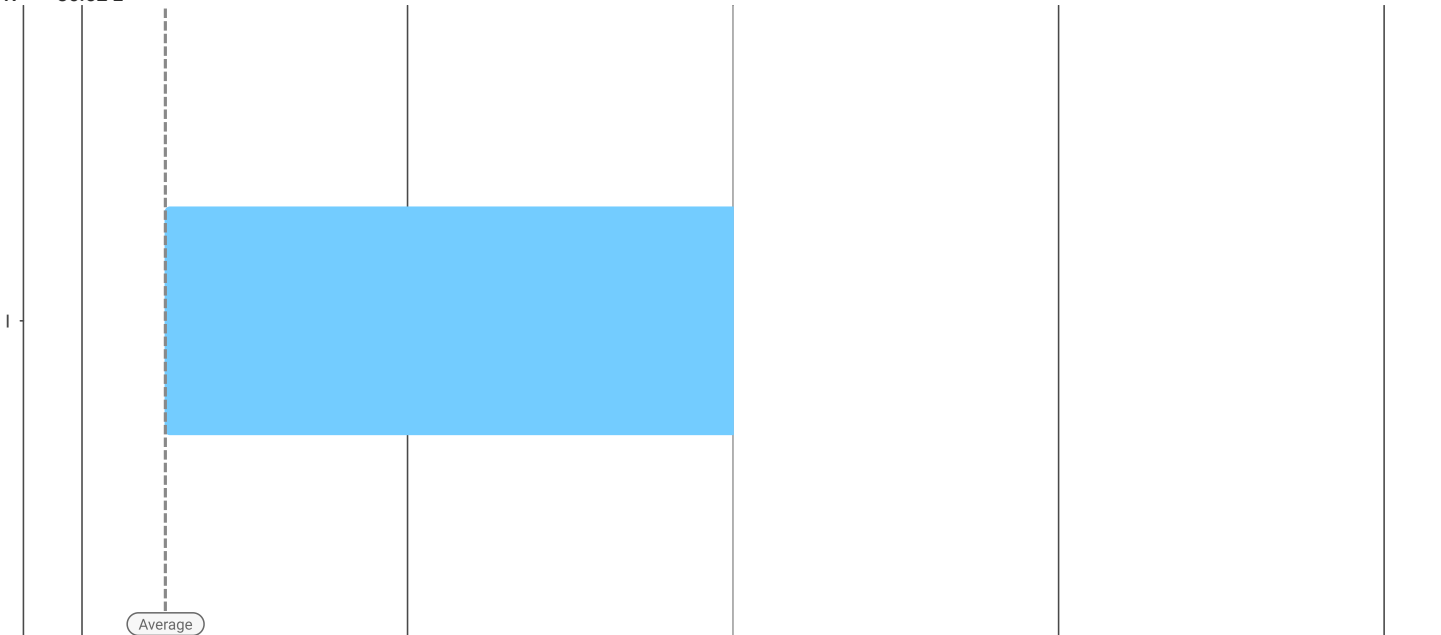
Range

Average

30.52 L - 30.52 R

30.52 L

Rep #





## Inversion Asymmetry [%] - Ankle IN/EV

Range

10.96 L - 10.96 R

Average

10.96 R

Rep #

1

Average

## Eversion Asymmetry [%] - Ankle IN/EV

Range

15.15 L - 15.15 R

Average

15.15 R

Rep #

1

Average

## Adduction Asymmetry [%] - Hip AD/AB

Range

Average

4.21 L - 4.21 R

4.21 R

Rep #

1

Average

## Abduction Asymmetry [%] - Hip AD/AB

Range

Average

12 L - 12 R

12 R

Rep #

1

Average

## Extension Asymmetry [%] - Knee Extension

Range

Average

5.18 L - 5.18 R

5.18 L

Rep #



## Dorsiflexion Asymmetry [%] - Ankle Dorsiflexion

Range

Average

1.22 L - 1.22 R

1.22 L

Rep #



## Flexion Asymmetry [%] - Hip Flexion

Range

Average

1.63 L - 9.31 R

3.84 R

Test Date

10/10/2023

10/10/2023

Average

## Plantar Flexion Asymmetry [%] - Ankle Plantar Flexion

Range

Average

8.88 L - 8.88 R

8.88 L

Rep #

1

Average

## Extension Asymmetry [%] - Hip Extension

Range

Average

2.93 L - 2.93 R

2.93 L

Rep #



## Knee Flexion Impulse Force [Ns] - Knee Flexion

Range

Average

1047.27 - 1843.66

1329.91

Impulse Force [Ns] - Knee Flexion

1843.66

1382.74

921.83

460.92

0

10/10/2023

Test Date

10/10/2023

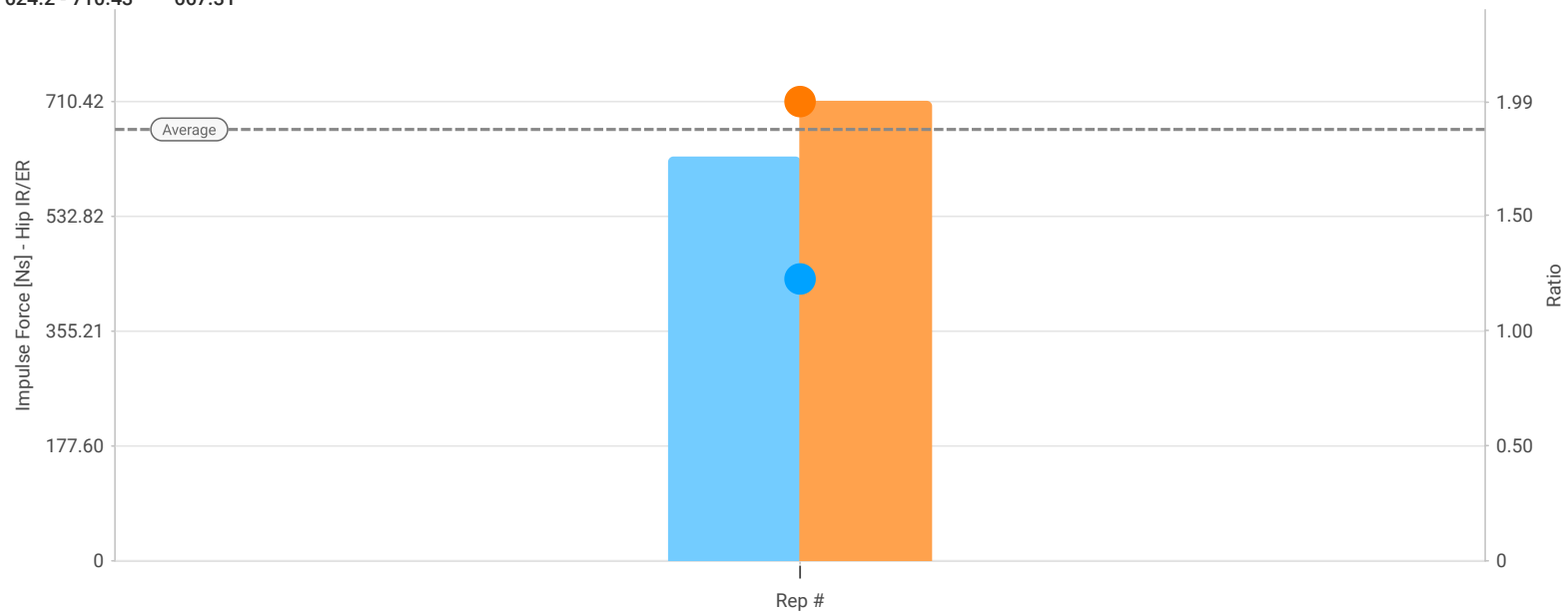
## External Rotation Impulse Force [Ns] - Hip IR/ER

Range

624.2 - 710.43

Average

667.31



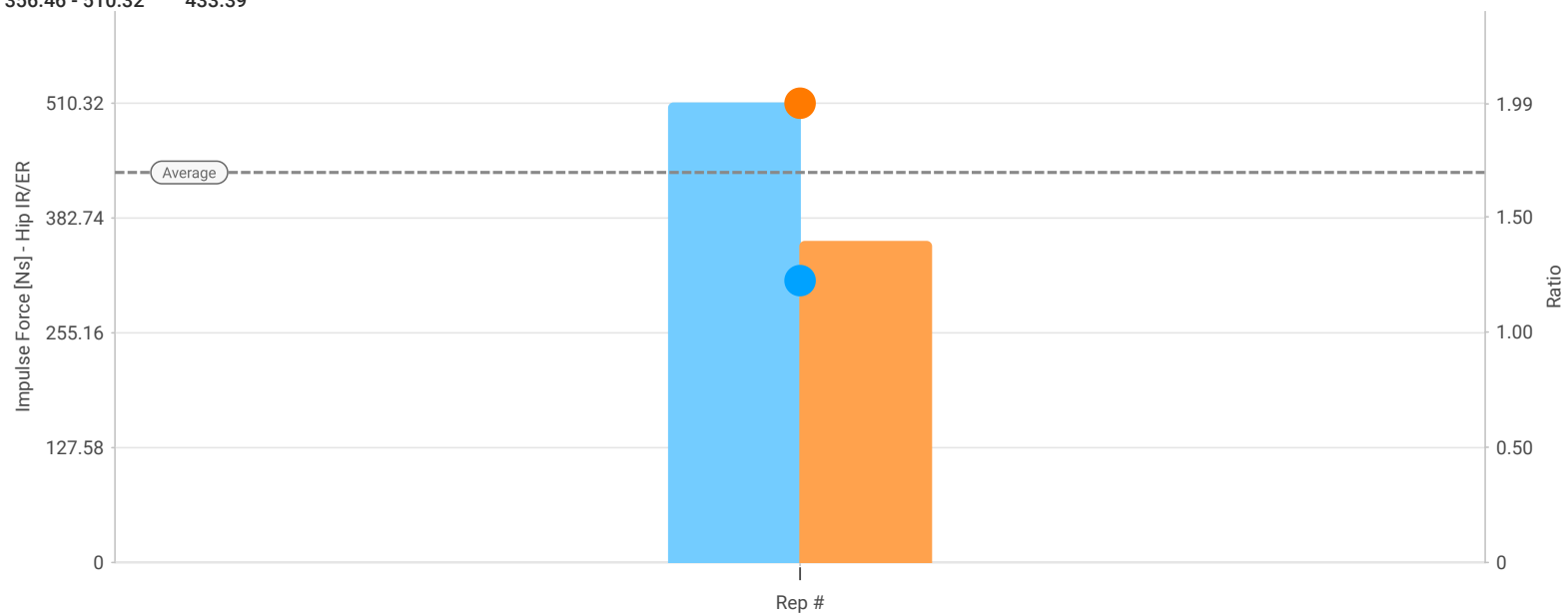
## Internal Rotation Impulse Force [Ns] - Hip IR/ER

Range

356.46 - 510.32

Average

433.39



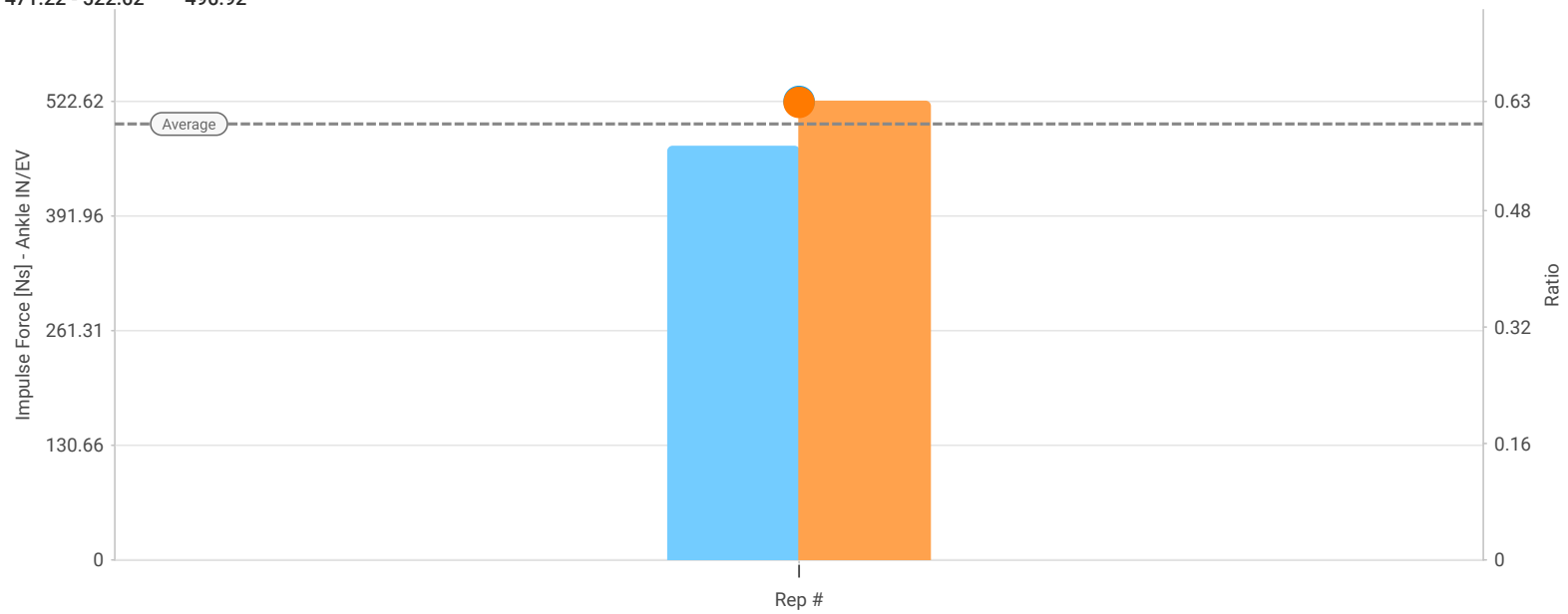
## Inversion Impulse Force [Ns] - Ankle IN/EV

Range

Average

471.22 - 522.62

496.92



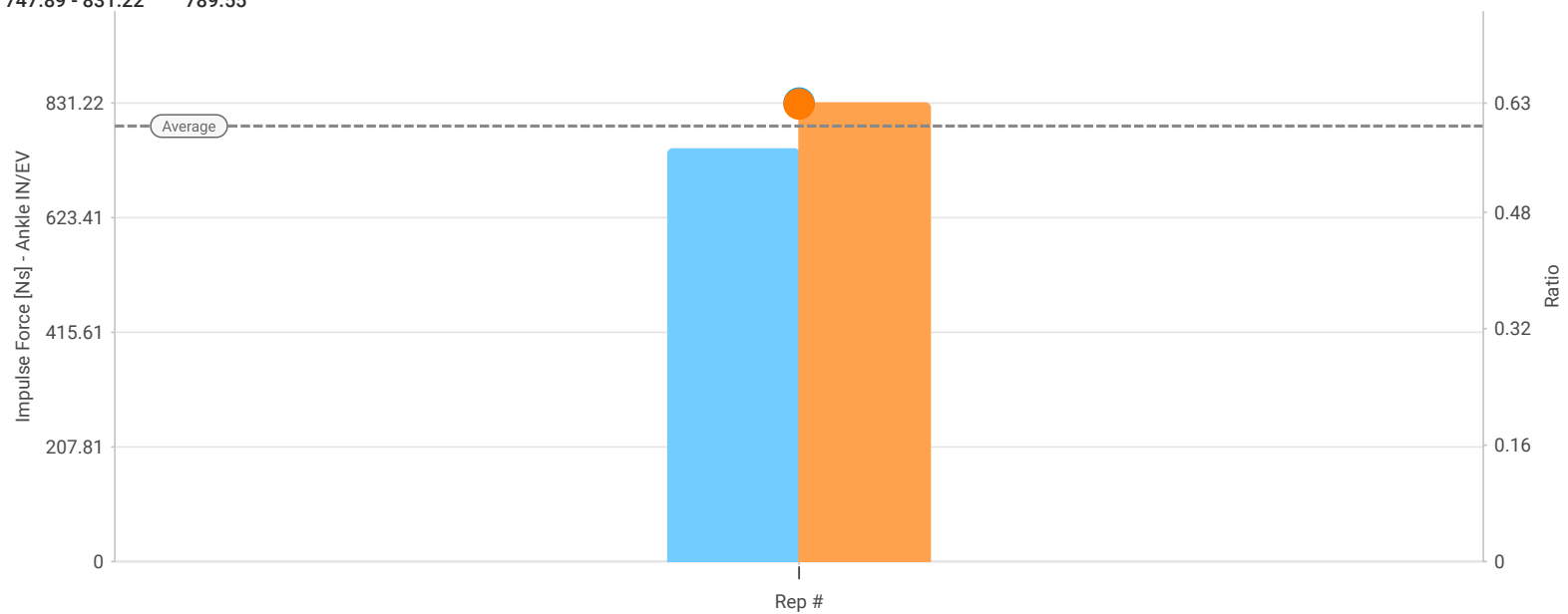
## Eversion Impulse Force [Ns] - Ankle IN/EV

Range

Average

747.89 - 831.22

789.55



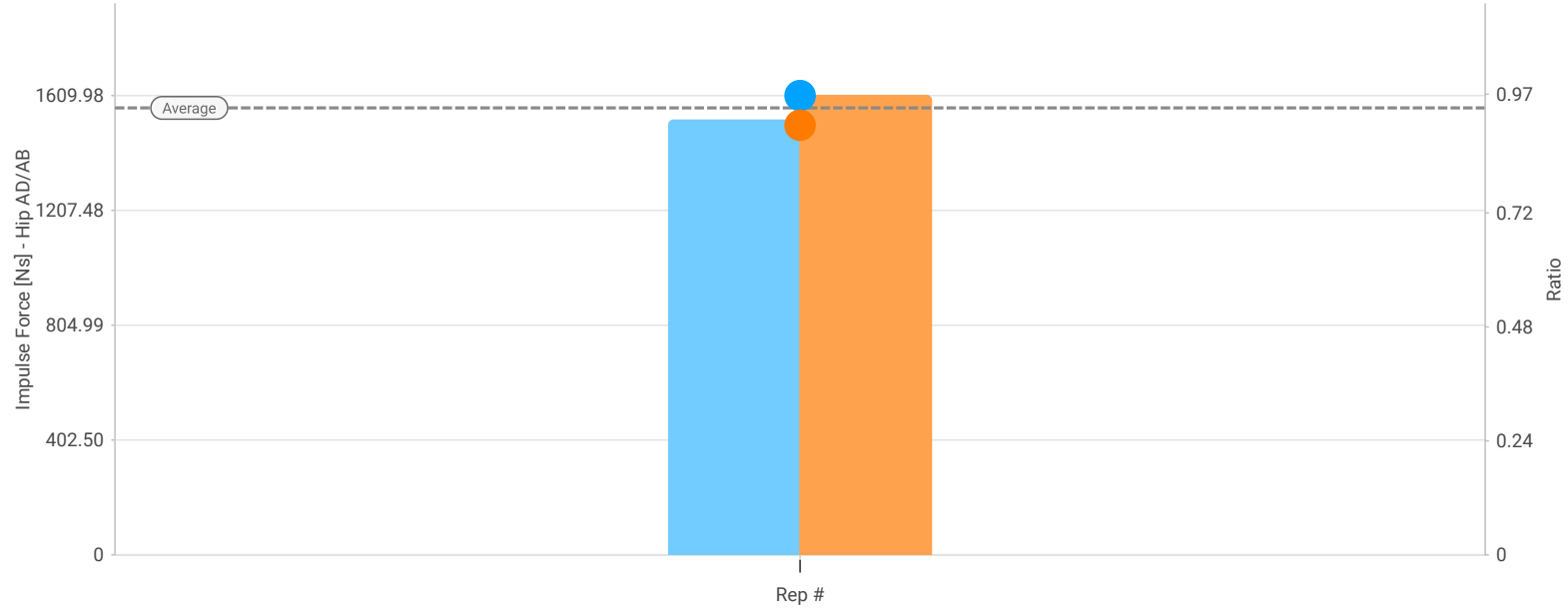
## Adduction Impulse Force [Ns] - Hip AD/AB

Range

Average

1523.57 - 1609.98

1566.77



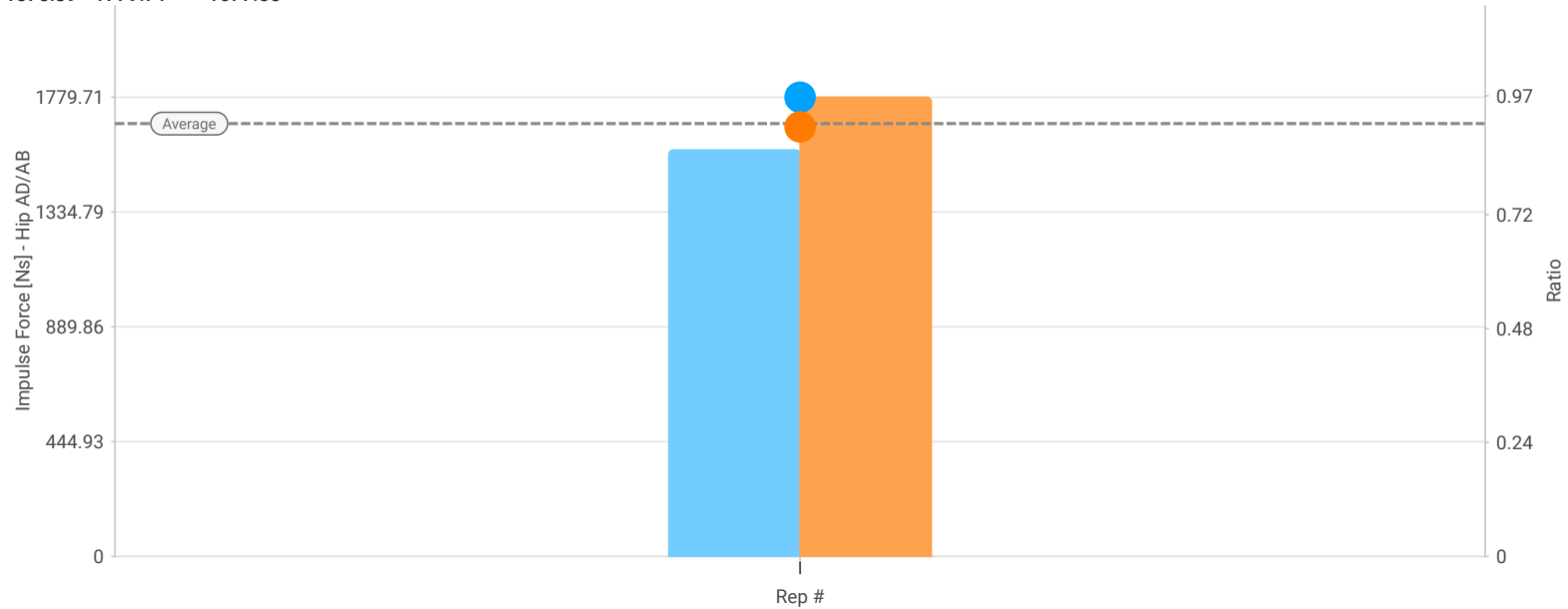
## Abduction Impulse Force [Ns] - Hip AD/AB

Range

Average

1575.39 - 1779.71

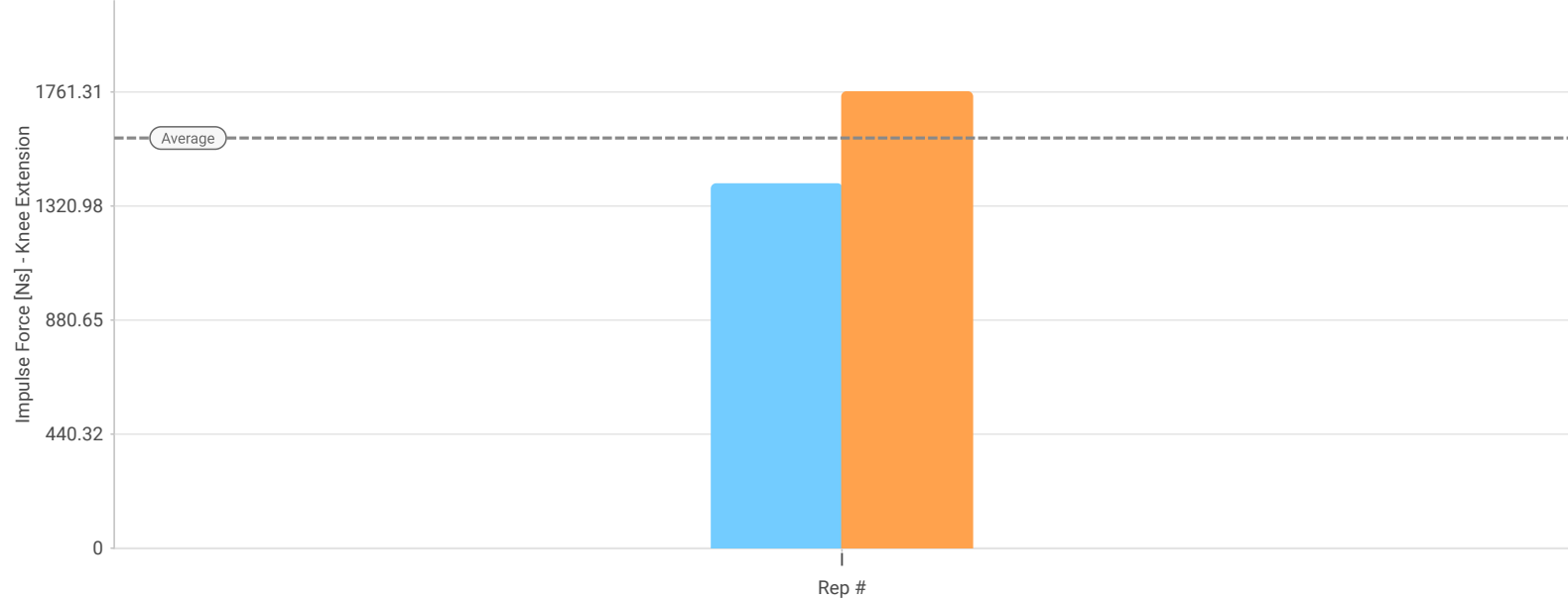
1677.55





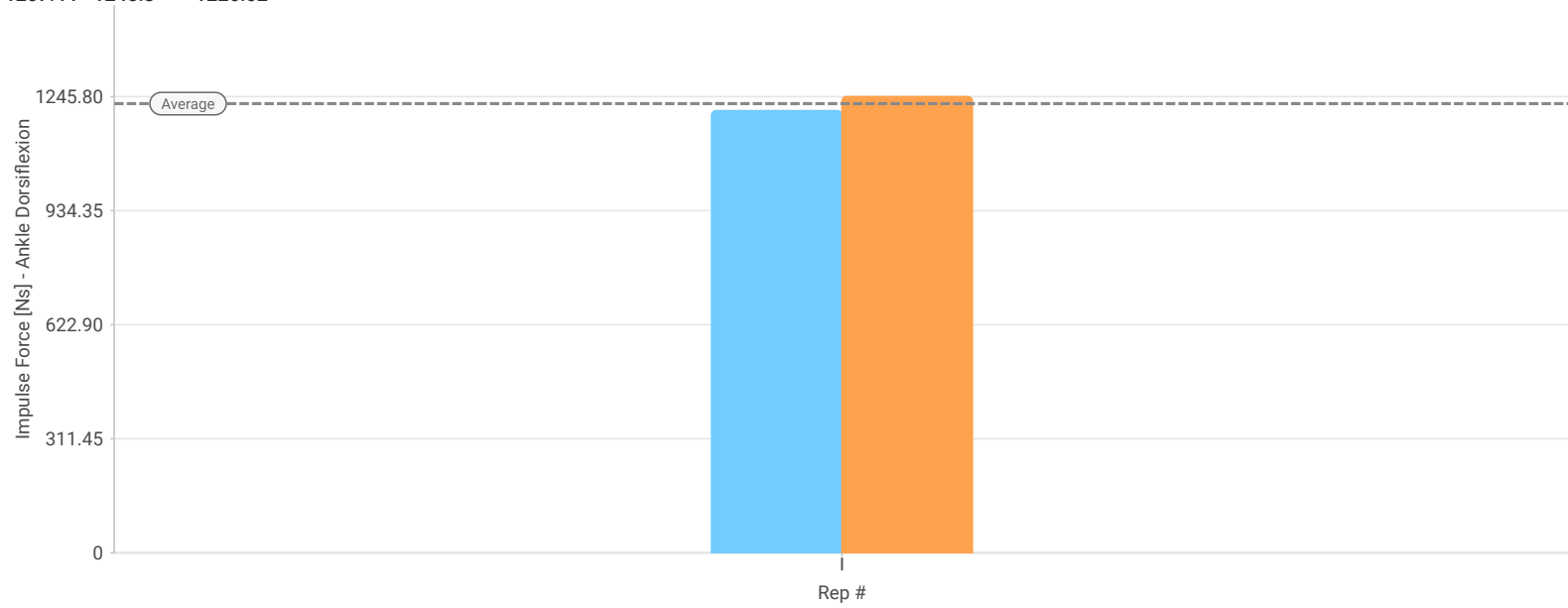
## Extension Impulse Force [Ns] - Knee Extension

Range      Average  
1405.85 - 1761.31      1583.58



## Dorsiflexion Impulse Force [Ns] - Ankle Dorsiflexion

Range      Average  
1207.44 - 1245.8      1226.62



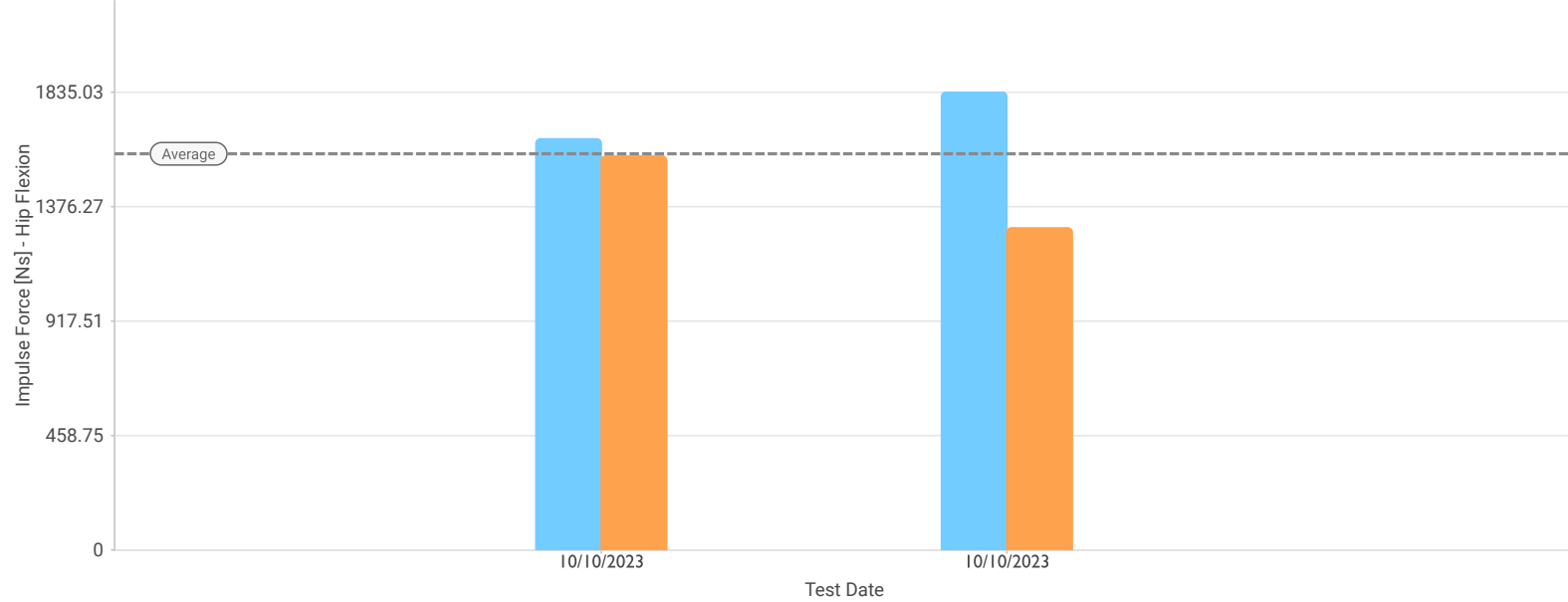
## Flexion Impulse Force [Ns] - Hip Flexion

Range

Average

1291.33 - 1835.03

1588.44



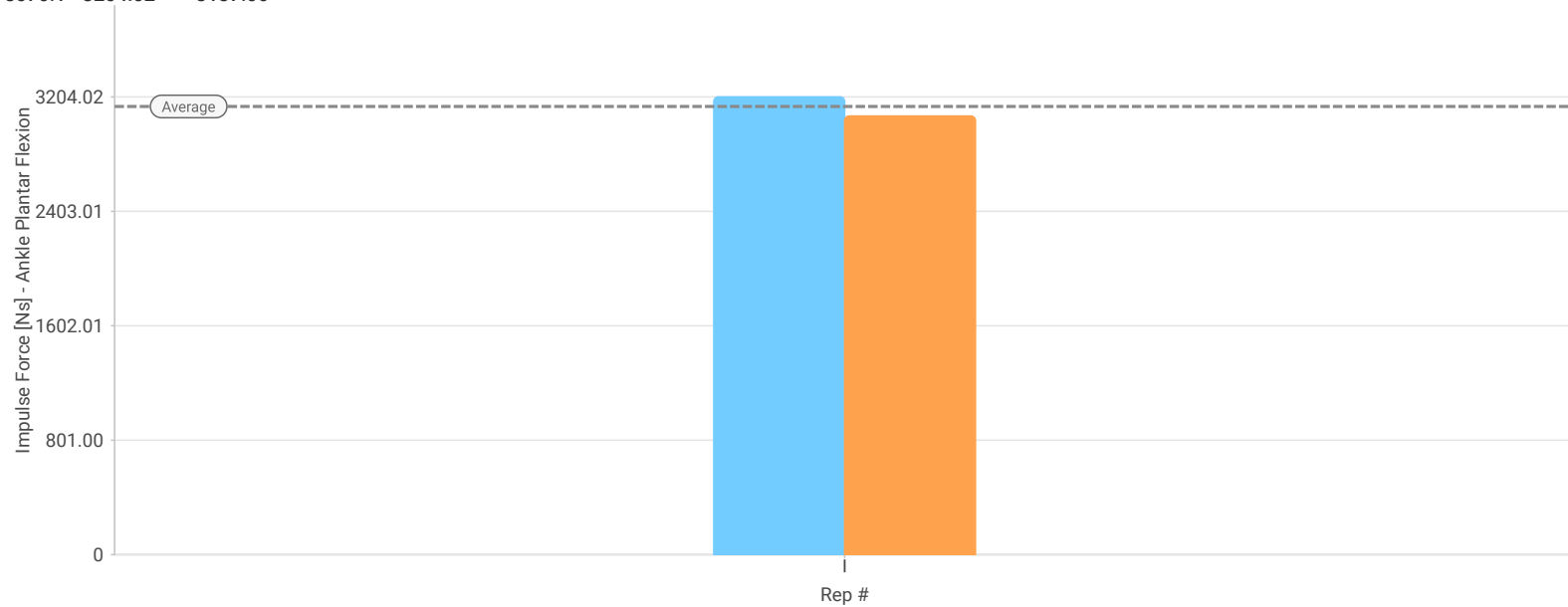
## Plantar Flexion Impulse Force [Ns] - Ankle Plantar Flexion

Range

Average

3070.1 - 3204.02

3137.06



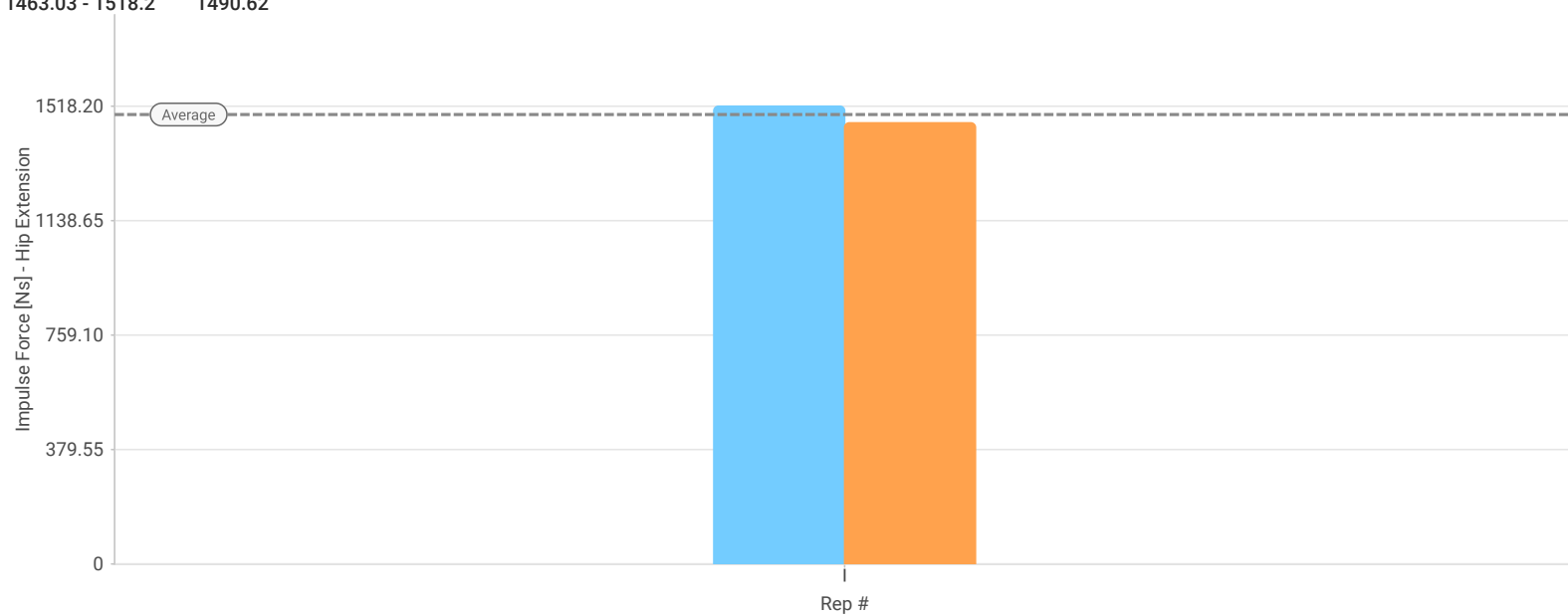
## Extension Impulse Force [Ns] - Hip Extension

Range

1463.03 - 1518.2

Average

1490.62



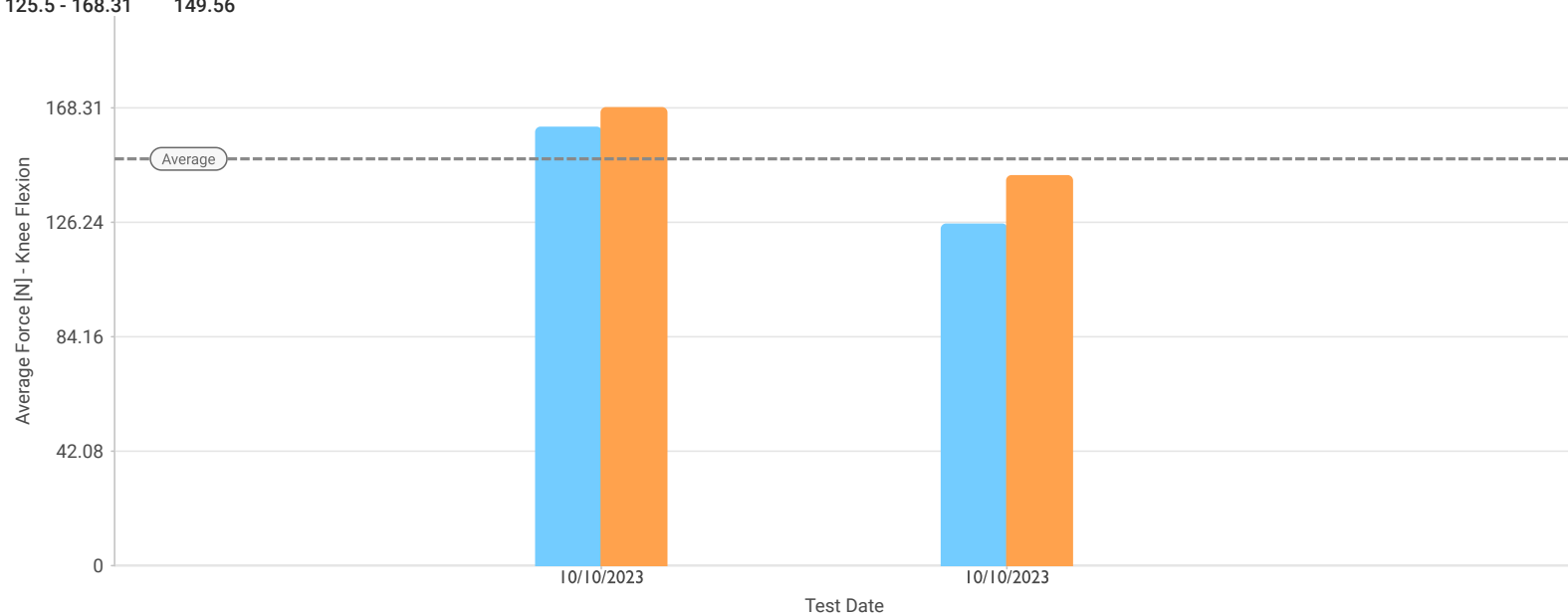
## Knee Flexion Average Force [N] - Knee Flexion

Range

125.5 - 168.31

Average

149.56



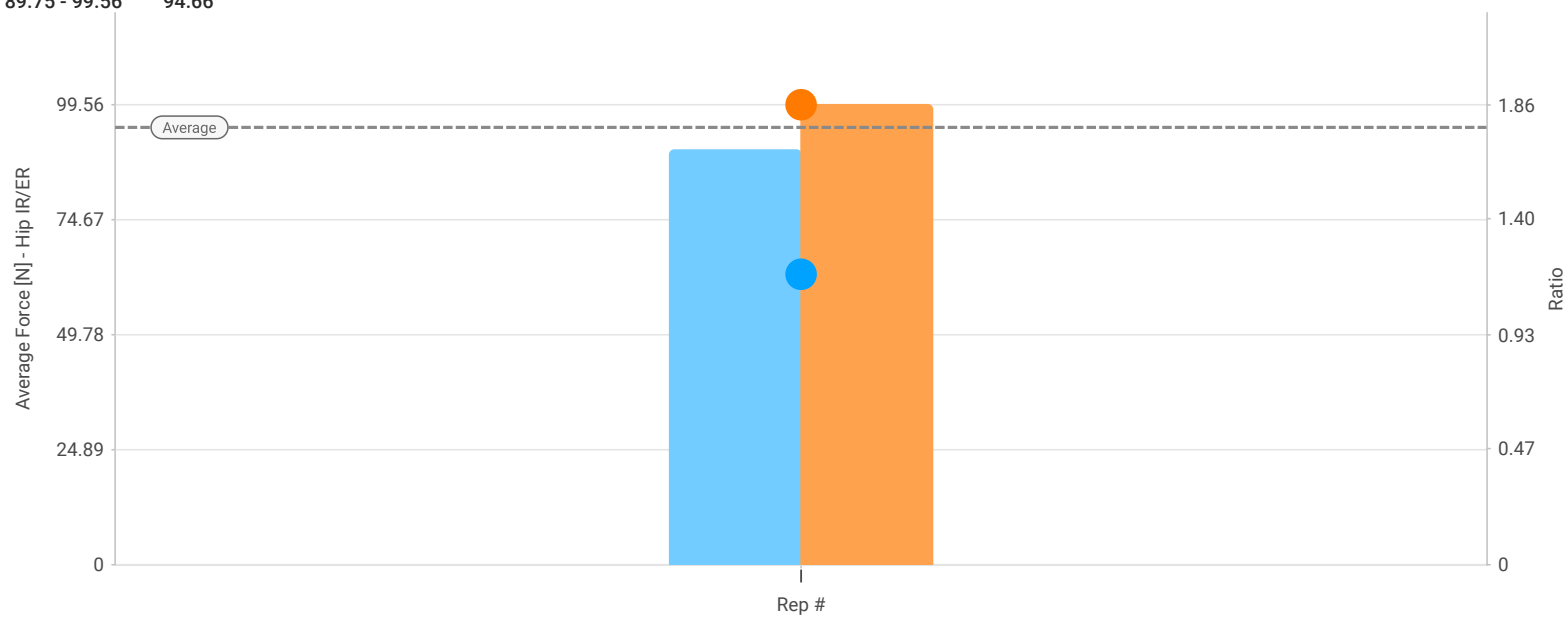
## External Rotation Average Force [N] - Hip IR/ER

Range

89.75 - 99.56

Average

94.66



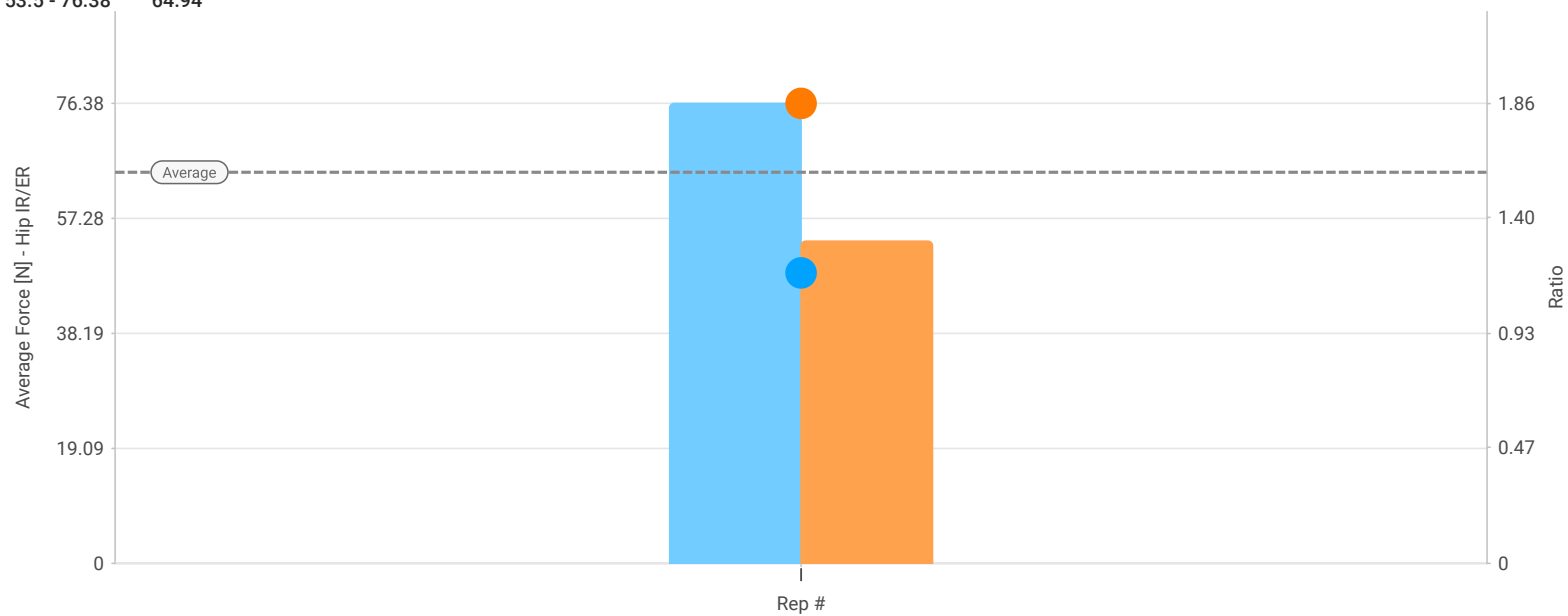
## Internal Rotation Average Force [N] - Hip IR/ER

Range

53.5 - 76.38

Average

64.94



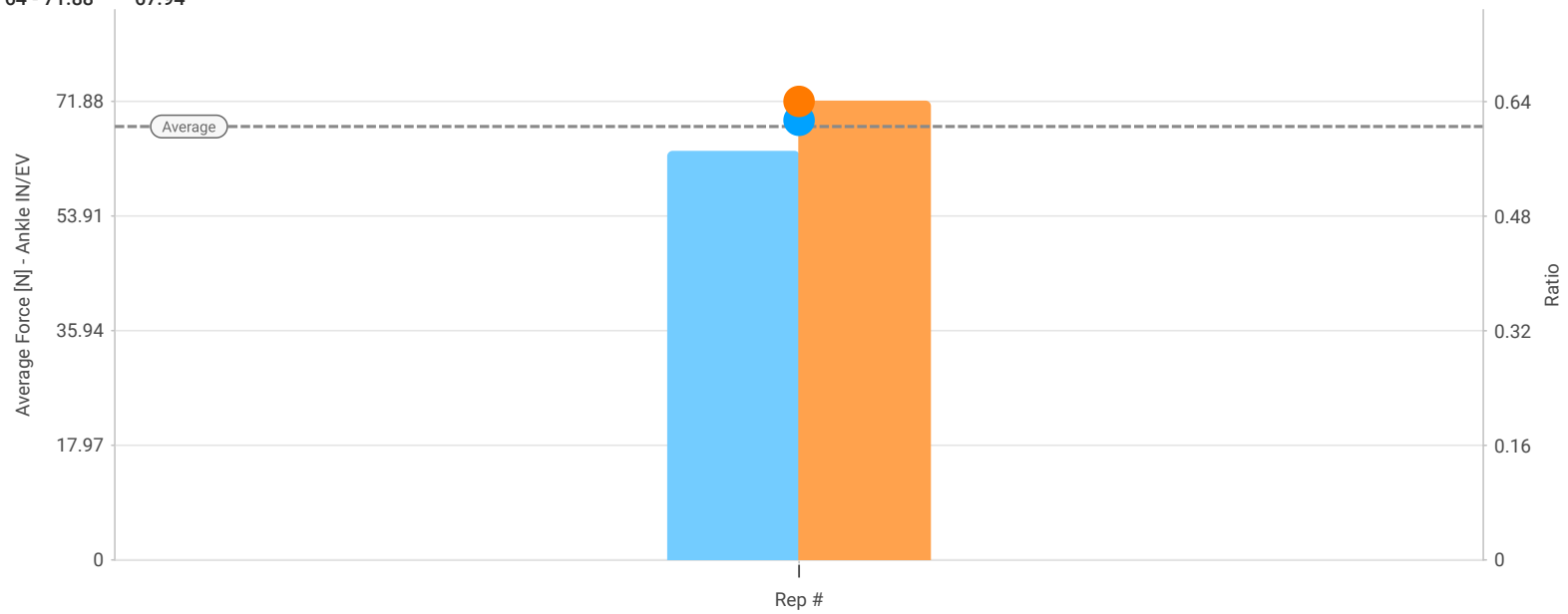
## Inversion Average Force [N] - Ankle IN/EV

Range

64 - 71.88

Average

67.94



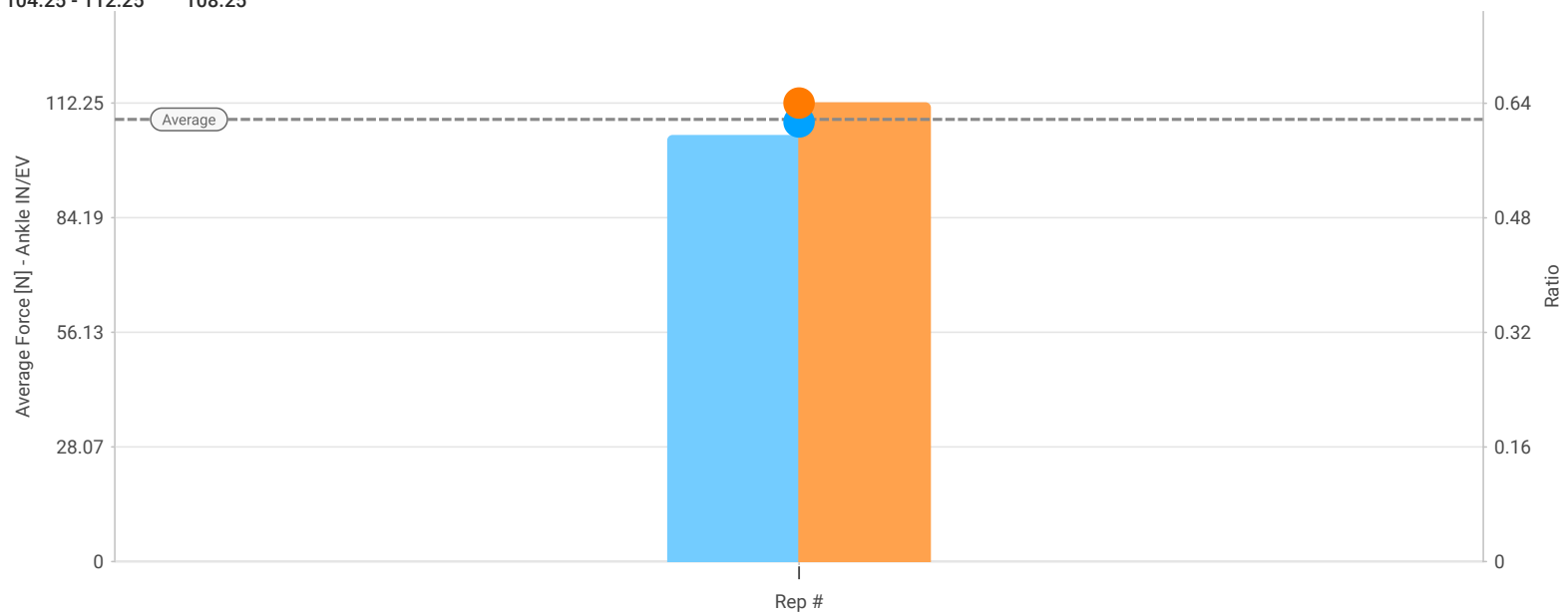
## Eversion Average Force [N] - Ankle IN/EV

Range

104.25 - 112.25

Average

108.25



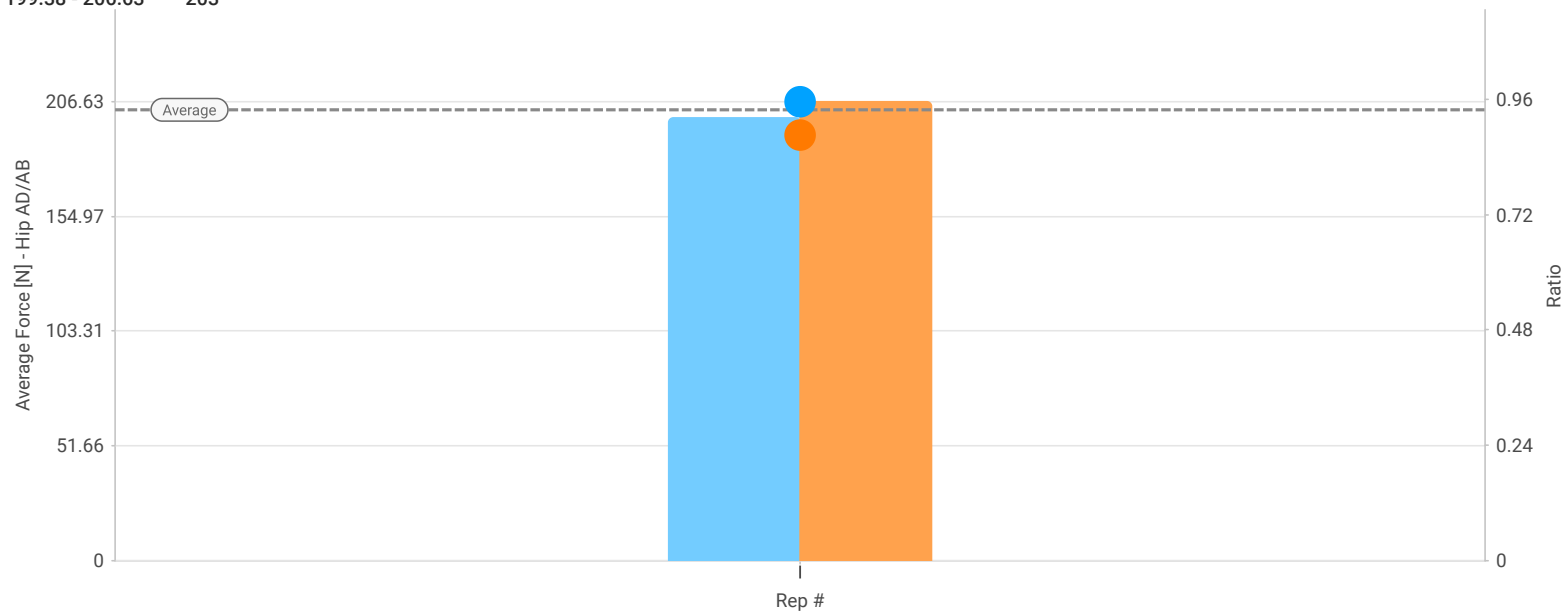
## Adduction Average Force [N] - Hip AD/AB

Range

199.38 - 206.63

Average

203



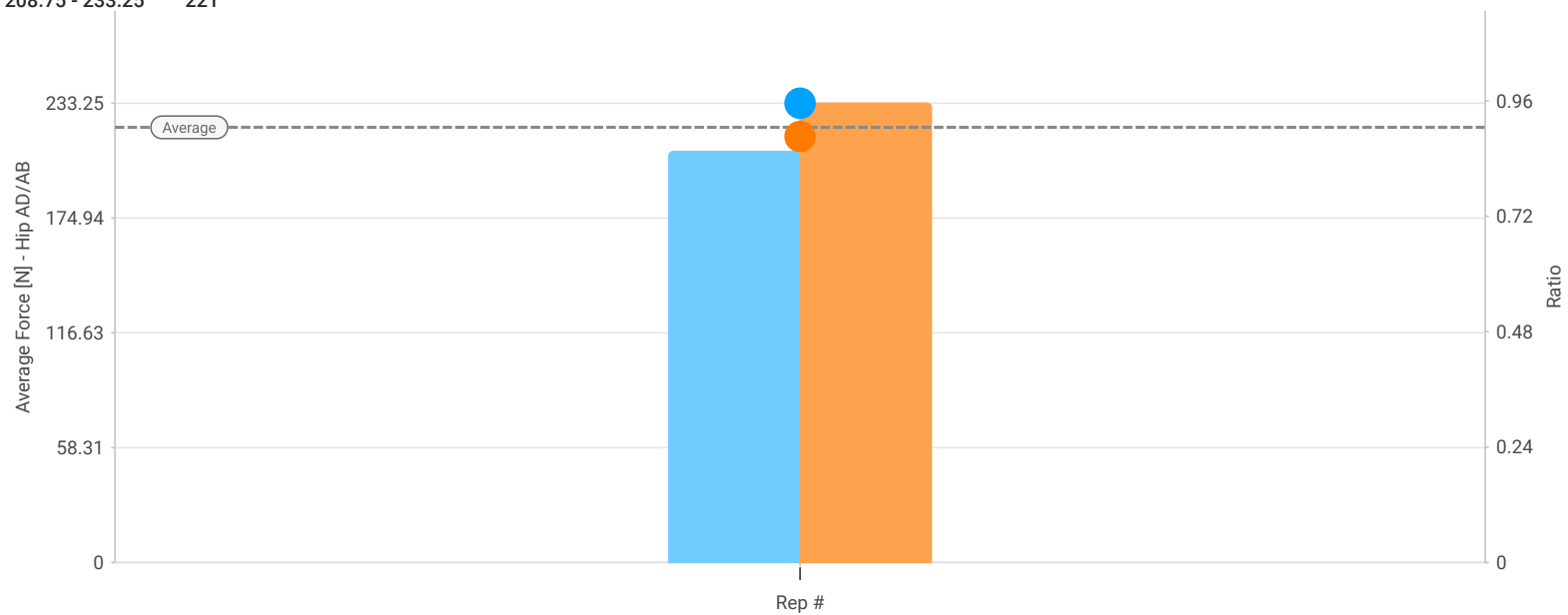
## Abduction Average Force [N] - Hip AD/AB

Range

208.75 - 233.25

Average

221



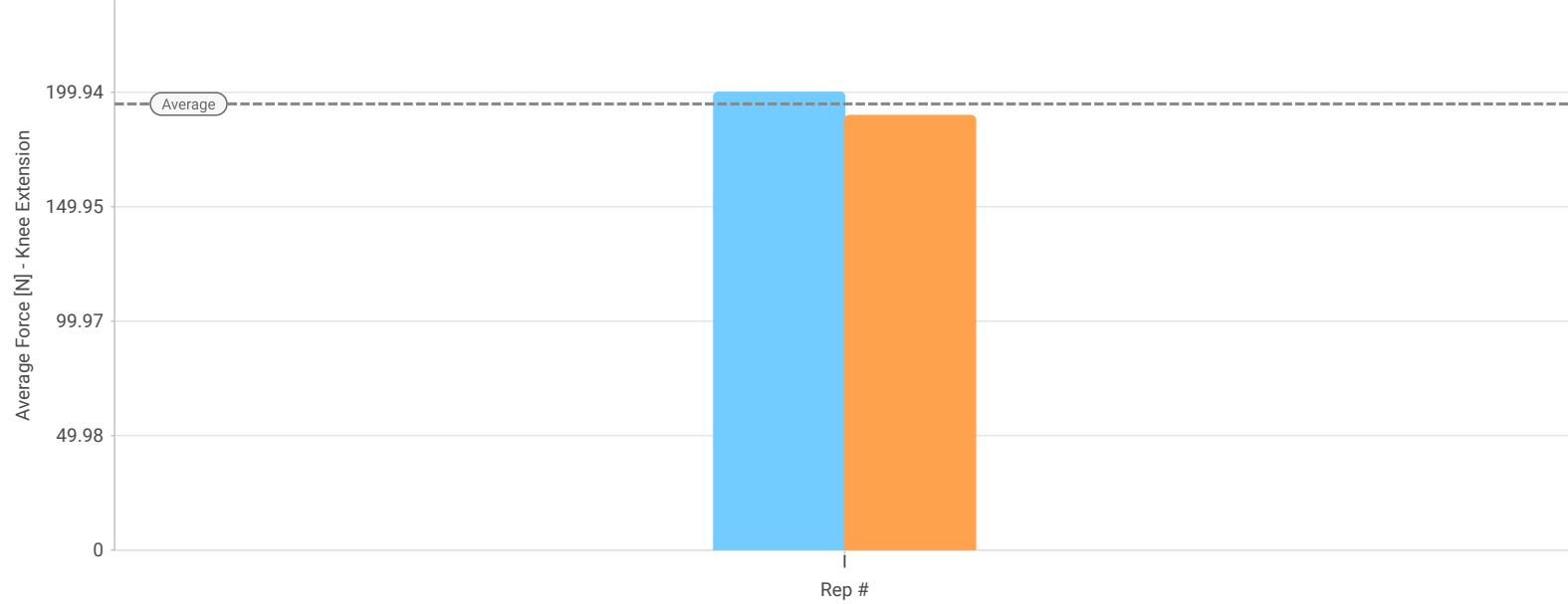
## Extension Average Force [N] - Knee Extension

Range

Average

189.75 - 199.94

194.84



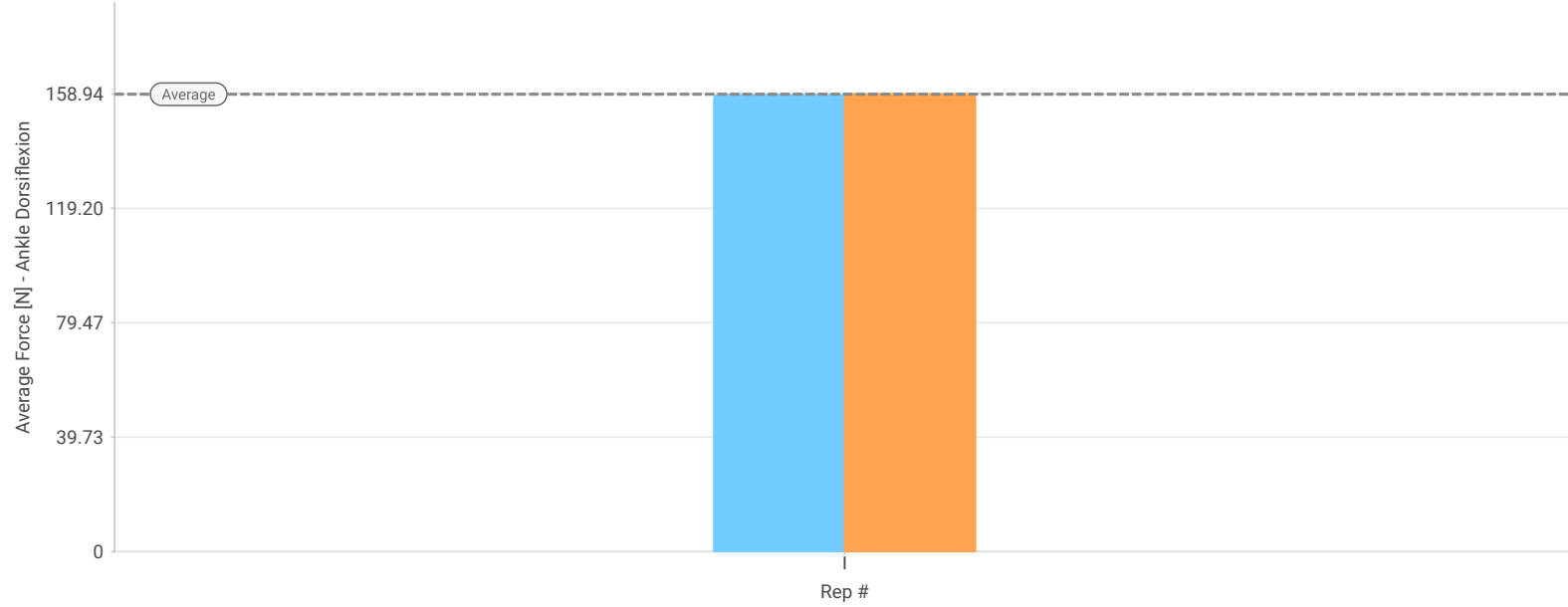
## Dorsiflexion Average Force [N] - Ankle Dorsiflexion

Range

Average

158.75 - 158.94

158.84



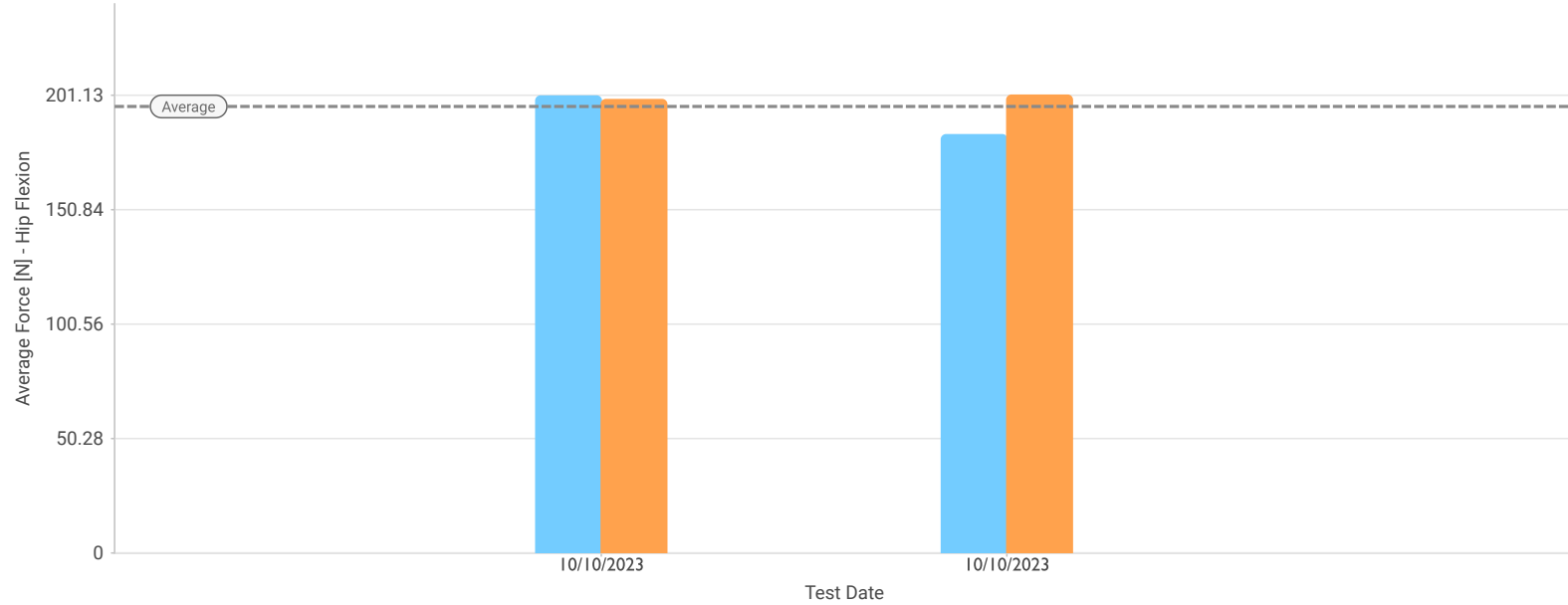
## Flexion Average Force [N] - Hip Flexion

Range

Average

183.75 - 201.13

196.2



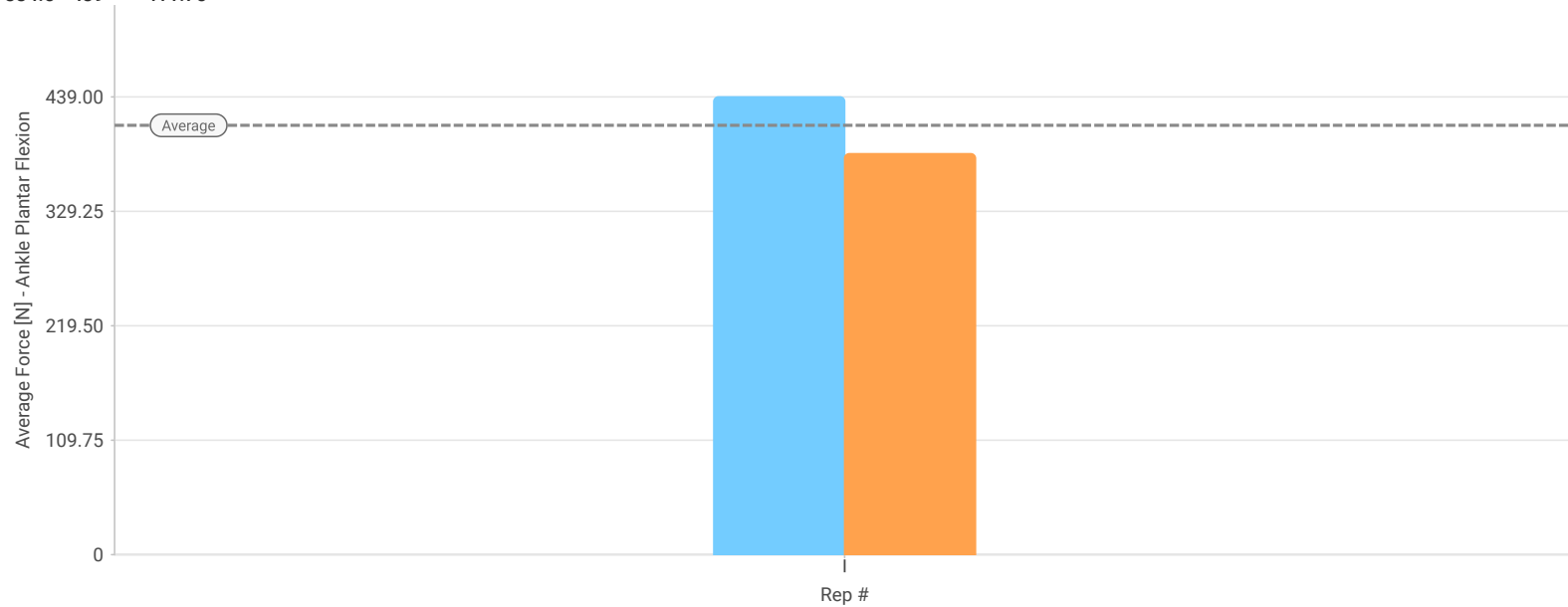
## Plantar Flexion Average Force [N] - Ankle Plantar Flexion

Range

Average

384.5 - 439

411.75





## Extension Average Force [N] - Hip Extension

Range

Average

176.13 - 187.63

181.88

