

Variable Label=MOST ID

<i>Variable</i>	<i>Attributes</i>
Variable Name	MOSTID
Variable Number	1
Variable Type	Char

Variable Label=Visit

<i>Variable</i>	<i>Attributes</i>
Variable Name	VISIT
Variable Number	2
Variable Type	Num
Variable Format	VISVF

<i>VISIT</i>	<i>LEFT</i>		<i>RIGHT</i>		<i>Total</i>	
	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
<i>Baseline/144-month</i>	7,868	100.0	7,828	100.0	15,696	100.0
<i>Total</i>	7,868	100.0	7,828	100.0	15,696	100.0

Variable Label=Knee

<i>Variable</i>	<i>Attributes</i>
Variable Name	KNEE
Variable Number	3
Variable Type	Char

Variable Label=Record #

<i>Variable</i>	<i>Attributes</i>
Variable Name	RECORDNUM
Variable Number	4
Variable Type	Num
Variable Format	NUMSAM

<i>RECORDNUM</i>	<i>LEFT</i>		<i>RIGHT</i>		<i>Total</i>	
	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
1	2,274	28.9	2,270	29.0	4,544	29.0
2	2,188	27.8	2,214	28.3	4,402	28.0
3	1,987	25.3	1,997	25.5	3,984	25.4
4	1,401	17.8	1,337	17.1	2,738	17.4
5	14	0.2	8	0.1	22	0.1
6	3	0.0	1	0.0	4	0.0
7	1	0.0	1	0.0	2	0.0
<i>Total</i>	7,868	100.0	7,828	100.0	15,696	100.0

Variable Label=Peak impact force [N]

Variable	Attributes
Variable Name	PIF_N
Variable Number	5
Variable Type	Num

PIF_N	LEFT	RIGHT	Total
NMiss	0	0	0
N	7,868	7,828	15,696
Mean	870.37	870.19	870.28
Std	194.38	196.34	195.36
Min	414.85	430.44	414.85
P5	594.80	590.65	592.29
Q1	727.50	725.30	726.40
Median	851.40	848.41	849.95
Q3	985.38	991.65	988.47
P95	1225.02	1228.78	1226.85
Max	1810.31	1741.73	1810.31

Variable Label=Avg loading rate [N/s]

Variable	Attributes
Variable Name	ALR_N_s
Variable Number	6
Variable Type	Num

ALR_N_s	LEFT	RIGHT	Total
NMiss	0	0	0
N	7,868	7,828	15,696
Mean	4554.42	4485.31	4519.95
Std	1551.01	1531.19	1541.49
Min	1104.56	1379.76	1104.56
P5	2606.07	2536.04	2563.58
Q1	3483.13	3431.44	3459.23
Median	4299.84	4232.76	4266.11
Q3	5345.45	5255.55	5297.34
P95	7267.47	7163.48	7221.71
Max	26104.94	24664.39	26104.94

Variable Label=Maximum instantaneous loading rate [N/s]

Variable	Attributes
Variable Name	MILR_N_s
Variable Number	7
Variable Type	Num

MILR_N_s	LEFT	RIGHT	Total
NMiss	0	0	0
N	7,868	7,828	15,696
Mean	14238.73	14155.72	14197.33
Std	6201.64	6923.66	6571.57
Min	3219.00	3382.00	3219.00
P5	7289.00	7250.00	7277.00
Q1	10219.00	10111.50	10175.50
Median	12987.00	12828.00	12909.50
Q3	16742.50	16578.00	16641.00
P95	25041.00	25149.00	25117.00
Max	104078.0	265954.0	265954.0

Variable Label=Avg instantaneous loading rate [N/s]

Variable	Attributes
Variable Name	AILR_N_s
Variable Number	8
Variable Type	Num

AILR_N_s	LEFT	RIGHT	Total
NMiss	0	0	0
N	7,868	7,828	15,696
Mean	4554.42	4485.31	4519.95
Std	1551.01	1531.19	1541.49
Min	1104.56	1379.76	1104.56
P5	2606.07	2536.04	2563.58
Q1	3483.13	3431.44	3459.23
Median	4299.84	4232.76	4266.11
Q3	5345.45	5255.55	5297.34
P95	7267.47	7163.48	7221.71
Max	26104.94	24664.39	26104.94

Variable Label=FHS Video Flag

Variable	Attributes
Variable Name	FHS_Video_Flag
Variable Number	9
Variable Type	Num
Variable Format	VIDEOFLAGFF

FHS_Video_Flag	LEFT		RIGHT		Total	
	N	%	N	%	N	%
0:avi file is corrupt	12	0.2	8	0.1	20	0.1
1:avi length within 0.25s of force data length	7,332	93.2	7,288	93.1	14,620	93.1
2:frame rate is not 60 Hz	2	0.0	3	0.0	5	0.0
3:avi length difference is between 0.25s – 0.5s	4	0.1	4	0.1	8	0.1
4:avi length difference is between 0.5s – 1s	3	0.0	7	0.1	10	0.1
5:avi length difference is 1s or greater	515	6.5	518	6.6	1,033	6.6
Total	7,868	100.0	7,828	100.0	15,696	100.0

Variable Label=Trial status

Variable	Attributes
Variable Name	trial_status
Variable Number	10
Variable Type	Num
Variable Format	TRIALFLAGFF

trial_status	LEFT		RIGHT		Total	
	N	%	N	%	N	%
1:processed with video	6,956	88.4	6,922	88.4	13,878	88.4
2:processed w/o video	912	11.6	906	11.6	1,818	11.6
Total	7,868	100.0	7,828	100.0	15,696	100.0

Variable Label=Calculated walk time (sec)

Variable	Attributes
Variable Name	WalkTimeCalculated
Variable Number	11
Variable Type	Num

<i>WalkTimeCalculated</i>	<i>LEFT</i>		<i>RIGHT</i>		<i>Total</i>	
	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
.	912	11.6	906	11.6	1,818	11.6
<i>value>0</i>	6,956	88.4	6,922	88.4	13,878	88.4
<i>Total</i>	7,868	100.0	7,828	100.0	15,696	100.0

<i>WalkTimeCalculated</i>	<i>LEFT</i>		<i>RIGHT</i>		<i>Total</i>	
<i>NMiss</i>		912		906		1,818
<i>N</i>		6,956		6,922		13,878
<i>Mean</i>		0.87		0.88		0.88
<i>Std</i>		0.19		0.18		0.18
<i>Min</i>		0.42		0.38		0.38
<i>P5</i>		0.62		0.63		0.63
<i>Q1</i>		0.75		0.75		0.75
<i>Median</i>		0.85		0.85		0.85
<i>Q3</i>		0.97		0.98		0.97
<i>P95</i>		1.23		1.22		1.22
<i>Max</i>		2.39		2.29		2.39

Variable Label=Calculated gait speed 1.1032(m)/time (sec)

<i>Variable</i>	<i>Attributes</i>
<i>Variable Name</i>	gaitspeed
<i>Variable Number</i>	12
<i>Variable Type</i>	Num

<i>gaitspeed</i>	<i>LEFT</i>		<i>RIGHT</i>		<i>Total</i>	
	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
.	912	11.6	906	11.6	1,818	11.6
<i>value>0</i>	6,956	88.4	6,922	88.4	13,878	88.4
<i>Total</i>	7,868	100.0	7,828	100.0	15,696	100.0

<i>gaitspeed</i>	<i>LEFT</i>		<i>RIGHT</i>		<i>Total</i>	
<i>NMiss</i>		912		906		1,818
<i>N</i>		6,956		6,922		13,878
<i>Mean</i>		1.32		1.30		1.31
<i>Std</i>		0.26		0.25		0.26
<i>Min</i>		0.46		0.48		0.46
<i>P5</i>		0.89		0.91		0.91
<i>Q1</i>		1.14		1.12		1.14
<i>Median</i>		1.30		1.30		1.30
<i>Q3</i>		1.47		1.47		1.47

(Continued)

<i>gaitspeed</i>	<i>LEFT</i>		<i>RIGHT</i>		<i>Total</i>	
<i>P95</i>		1.79		1.74		1.74
<i>Max</i>		2.65		2.88		2.88

Variable Label=Exclude trial due to invalid or missing gait speed

<i>Variable</i>	<i>Attributes</i>
<i>Variable Name</i>	Exclude_from_Video_Analysis
<i>Variable Number</i>	13
<i>Variable Type</i>	Num
<i>Variable Format</i>	YNDK

<i>Exclude_from_Video_Analysis</i>	<i>LEFT</i>		<i>RIGHT</i>		<i>Total</i>	
	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
<i>No</i>	6,956	88.4	6,922	88.4	13,878	88.4
<i>Yes</i>	912	11.6	906	11.6	1,818	11.6
<i>Total</i>	7,868	100.0	7,828	100.0	15,696	100.0