IMPUTE MISSING VALUES PHYSICAL ACTIVITY - LASA
August 2017

Mean frequency and duration of activities by gender at LASA B **baseline**. Can be used to replace missings among those respondents who reported to have performed the activity in the past two weeks.

	women		men	
	frequency	Duration (min)	frequency	Duration (min)
walking outdoors	12	40	14	50
Bicycling	9	30	10	40
light household	13	140	12	60
heavy household	5	100	4	90

SPORT 1 (B)	women		men	
	frequency	duration	frequency	duration
distance walking	5	90	6	110
distance cycling	4	100	4	120
gym home / elderly	10	20	10	30
game / sport elderly	3	60	4	50
swimming	2	90	-	-
(folk)dancing	-	-	2	140
bowling	-	-	4	90
speed walking	-	-	4	100
all other sports	4	90	5	110

SPORT 2 (B)	women		men	
	frequency	duration	frequency	duration
distance walking	4	90	7	90
distance cycling	5	110	4	120
gym home / elderly	8	30	10	30
game / sport elderly	3	50	3	50
swimming	2	100	-	-
speed walking	-	-	5	140
all other sports	3	90	4	110

Mean frequency and duration of activities by gender at LASA **C follow-up**. Can be used to replace missings among those respondents who reported to have performed the activity in the past two weeks.

	women		men	
	frequency	duration	frequency	duration
walking outdoors	13	36	15	38
bicycling	9	27	11	33
light household	14	130	12	66
heavy household	4	106	4	91

SPORT 1 (C)	women		men	
	frequency	duration	frequency	duration
distance walking	5	89	5	102
distance cycling	2	134	4	152
gym home / elderly	6	39	8	42
game / sport elderly	12	15	8	15
swimming	3	54	3	48
(folk)dancing	2	84	-	-
tennis	-	-	3	82
billiards	-	-	5	116
all other sports	4	81	4	112

SPORT 2 (C)	women		men	
	frequency	duration	frequency	duration
distance walking	3	86	5	110
distance cycling	3	117	3	122
gym home / elderly	6	34	9	31
game / sport elderly	8	14	-	-
swimming	3	55	3	61
dancing	2	86	-	-
billiards	-	-	3	113
all other sports	3	80	4	98

Mean frequency and duration of activities by gender at LASA D **follow-up**. Can be used to replace missings among those respondents who reported to have performed the activity in the past two weeks.

	women		men	
	frequency	duration	frequency	duration
walking outdoors	12	36	15	39
bicycling	8	28	10	34
light household	14	122	12	62
heavy household	4	86	4	89

SPORT 1 (D)	women		men	
	frequency	duration	frequency	duration
distance walking	3	83	5	100
distance cycling	2	105	3	100
gym home / elderly	4	47	7	40
game / sport elderly	9	12	10	15
swimming	2	54	3	50
(folk)dancing	2	90	-	-
bowling	-	-	3	132
tennis	-	-	3	79
billiards	-	-	4	106
all other sports	5	48	6	75

SPORT 2 (D)	women		men	
	frequency	duration	frequency	duration
distance walking	2	76	3	68
distance cycling	1	106	1	87
gym home / elderly	5	46	6	61
game / sport elderly	10	14	-	-
swimming	2	49	1	45
dancing	2	96	-	-
billiards	-	-	3	140
all other sports	5	48	3	72

Mean frequency and duration of activities by gender at LASA E **follow-up**. Can be used to replace missings among those respondents who reported to have performed the activity in the past two weeks.

	women		men	
	frequency	duration	frequency	duration
walking outdoors	12	35	16	36
bicycling	9	28	10	32
light household	13	125	12	62
heavy household	4	89	4	87

SPORT 1 (E)	women		men	
	frequency	duration	frequency	duration
distance walking	5	89	6	86
distance cycling	3	111	4	129
gym home / elderly	6	45	7	43
game / sport elderly	10	13	10	21
swimming	2	48	3	48
(folk)dancing	-	-	-	-
bowling	-	-	-	-
tennis	-	-	-	-
billiards	-	-	5	84
all other sports	4	92	4	139

SPORT 2 (E)	women		men	
	frequency	duration	frequency	duration
distance walking	5	66	4	112
distance cycling	3	100	4	107
gym home / elderly	7	39	4	65
game / sport elderly	6	16	-	-
swimming	2	53	-	-
dancing	-	-	-	-
billiards	-	-	4	87
all other sports	4	78	4	91

Mean frequency and duration of activities by gender at LASA **new cohort baseline**. Can be used to replace missings among those respondents who reported to have performed the activity in the past two weeks.

	women		men	
	frequency	duration	frequency	duration
walking outdoors	14	41	16	37
bicycling	10	24	10	24
light household	13	123	11	51
heavy household	5	109	4	100

SPORT 1 (2B)	women		men	
	frequency	duration	frequency	duration
distance walking	4	109	4	106
distance cycling	-	-	4	134
gym home / elderly	5	54	4	59
game / sport elderly	7	20	-	-
swimming	3	54	-	-
(folk)dancing	-	-	-	-
tennis	3	78	3	90
billiards	-	-	3	97
all other sports	3	109	4	103

SPORT 2 (2B)	women		men	
	frequency	duration	frequency	duration
distance walking	4	117	-	-
distance cycling	2	94	3	121
gym home / elderly	3	54	-	-
swimming	3	46	-	-
all other sports	3	86	3	77

Mean frequency and duration of activities by gender at LASA F **follow-up**. Can be used to replace missings among those respondents who reported to have performed the activity in the past two weeks.

	women		men	
	frequency	duration	frequency	duration
walking outdoors	12	37	14	36
bicycling	9	28	10	29
light household	13	118	11	56
heavy household	4	93	4	90

SPORT 1 (F)	women		men	
	frequency	duration	frequency	duration
1distance walking	4	98	5	114
2distance cycling	3	131	4	136
3gym home / elderly	5	51	5	53
4game / sport elderly	11	17	7	31
5swimming	2	54	2	50
6(folk)dancing	-	-	-	-
7bowling	-	-	-	-
8tennis	3	64	3	94
12billiards	-	-	4	78
all other sports	4	103	4	135

SPORT 2 (F)	women		men	
	frequency	duration	frequency	duration
1distance walking	3	86	7	96
2distance cycling	3	133	4	139
3gym home / elderly	5	49	6	52
4game / sport elderly	8	26	5	33
5swimming	2	55	3	46
6(folk)dancing	2	80	-	-
7bowling	-	-	-	-
8tennis	-	-	-	-
12billiards	-	-	4	114
All other sports	3	102	3	111

Mean frequency and duration of activities by gender at LASA G **follow-up**. Can be used to replace missings among those respondents who reported to have performed the activity in the past two weeks.

	women		men	
	frequency	duration	frequency	duration
walking outdoors	12	36	13	36
bicycling	9	26	9	29
light household	13	113	11	56
heavy household	4	88	4	79

SPORT 1 (G)	women		men	
	frequency	duration	frequency	duration
1distance walking	5	92	5	100
2distance cycling	3	114	5	127
3gym home / elderly	6	47	6	50
4game / sport elderly	11	16	9	22
5swimming	3	56	3	51
6(folk)dancing	-	-	-	-
7bowling	-	-	-	-
8tennis	4	74	4	101
12billiards	-	-	4	84
all other sports	4	91	5	115

SPORT 2 (G)	women		men	
	frequency	duration	frequency	duration
1distance walking	3	77	4	95
2distance cycling	3	116	3	118
3gym home / elderly	5	49	6	58
4game / sport elderly	9	19	-	-
5swimming	2	47	-	-
6(folk)dancing	-	-	-	-
7bowling	-	-	-	-
8tennis	-	-	-	-
12billiards	-	-	3	105.2
All other sports	3	96	4	100

Mean frequency and duration of activities by gender at LASA H wave . Can be used to replace missings among those respondents who reported to have performed the activity in the past two weeks. (The syntax for this wave is different for sports. The electronic system was used, new variables have been added.)

	women		men	
	frequency	Duration (min)	frequency	Duration (min)
walking outdoors	11	36	13	35
Bicycling	10	27	9	27
light household	13	114	12	60
heavy household	4	87	4	82

SPORT 1 (H)	women		men	
	frequency	duration	frequency	duration
11. Walking/hiking: long distance hiking	6	(75)	(6)	(97)
21. Cycling: long distance cycling	(4)	(107)	(4)	113
34. Gymnastic and Fitness: endurance training	(4)	51	(5)	89
51. Racket sports: tennis	3	73	(3)	(101)
87. Ball sports: golf/ball throwing game	3	148	(4)	135
88. Ball sports: bowling/skittles/ lawn bowling/ kolf/ bowls	(3)	(148)	4	135
103. Animal sports: dog training/ horse carriage driving			(3)	115
112. Other sports: billiards/ darts			(3)	115
103 & 112 were calculated together as "OTHERS"				

- The highlighted values are the ones that should be imputed (e.g. racket sports: tennis has misings in frequency and duration in men only, Other sports: billiard/darts has missings only in frequency for men. There should be at least 10 people with available data to calculate the means for imputation.)
- All ball sports were calculated together. Sport 101- 114 were calculated together as "OTHERS" (see syntax)

SPORT 2 (H)	women		men	
	frequency	duration	frequency	duration
12. Walking/hiking: Nordic walking	3	95	(4)	97
21. Cycling: long distance cycling	4	(108)	(3)	(105)
31. Gymnastics and fitness: gymnastics/exercising at home	(8)	34	9	42
41. Swimming: swimming	(2)	(54)	(3)	50
42. Swimming: aqua gym/aqua jogging	(2)	54	3	50
88. Ball sports: Bowling/ skittles/ lawn bowling/ kolf/ bowls			(4)	(107)
93. Winter sports: ice skating			(4)	(107)

* sports of the same group were calculated together. From sport 81 onwards were calculated together as others.

Mean frequency and duration of activities by gender at LASA 3B wave . Can be used to replace missings among those respondents who reported to have performed the activity in the past two weeks. (The syntax for this wave is different from syntaxes of the waves B-G and 2B but similar to wave H for sports. The electronic system was used starting from wave H, new variables have been added.)

	women		men	
	frequency	Duration (min)	frequency	Duration (min)
walking outdoors	14	36	17	33
bicycling	11	27	12	26
light household	13	105	10	55
heavy household	5	95	4	93

SPORT 1 (3B)	women		men	
	frequency	duration	frequency	duration
11. Walking/hiking: long distance hiking	5	100	5	116
22. Cycling: cycle racing/spinning/mountain biking	-	-	3	122
32. Gymnastic and Fitness: fitness/ physioth training/ strength training/ gyrotonics	4	69	-	-
51. Racket sports: tennis	-	-	4	115
102. Animal sports: fishing/ pigeon racing [#]	-	-	6	111

- The highlighted values are the ones that should be imputed as respondents have misings on them.
- There should be at least 10 people with available data to calculate the means for imputation.
- [#] Means were calculated for all animal sports and other sports together (101-114). (see syntax)

SPORT 2 (3B)	women		men	
	frequency	duration	frequency	duration
21. Cycling: long distance cycling	3	123	3	122
32. Gymnastic and Fitness: fitness/ physioth training/ strength training/ gyrotonics	3	61	4	70
41. Swimming: swimming	3	53	-	-