

Supplementary Material

Physical function limitation among gay and bisexual men aged ≥55 years with and without HIV: findings from the Australian Positive and Peers Longevity Evaluation Study (APPLES)

David C. Boettiger^{A,B,C,}, Md. Hamidul Huque^D, Mark Bloch^{A,E}, Ian Woolley^{F,G}, David J. Templeton^{A,H,I}, Matthew G. Law^A, Neil Fraser^J, Jennifer Hoy^F, and Kathy Petoumenos^A*

^AKirby Institute, UNSW Sydney, Sydney, NSW, Australia.

^BInstitute for Health and Aging, University of California, San Francisco, CA, USA.

^CBiostatistics Excellence Centre, Faculty of Medicine, Chulalongkorn University, King Chulalongkorn Memorial Hospital, Bangkok, Thailand.

^DNeuroscience Research Australia, Sydney, NSW, Australia.

^EHoldsworth House Medical Practice, Sydney, NSW, Australia.

^FDepartment of Infectious Diseases, The Alfred Hospital and Monash University, Melbourne, Vic., Australia.

^GMonash Infectious Diseases, Monash Health and Centre for Inflammatory Diseases, Monash University, Melbourne, Vic., Australia.

^HDepartment of Sexual Health Medicine, Sydney Local Health District, Sydney, NSW, Australia.

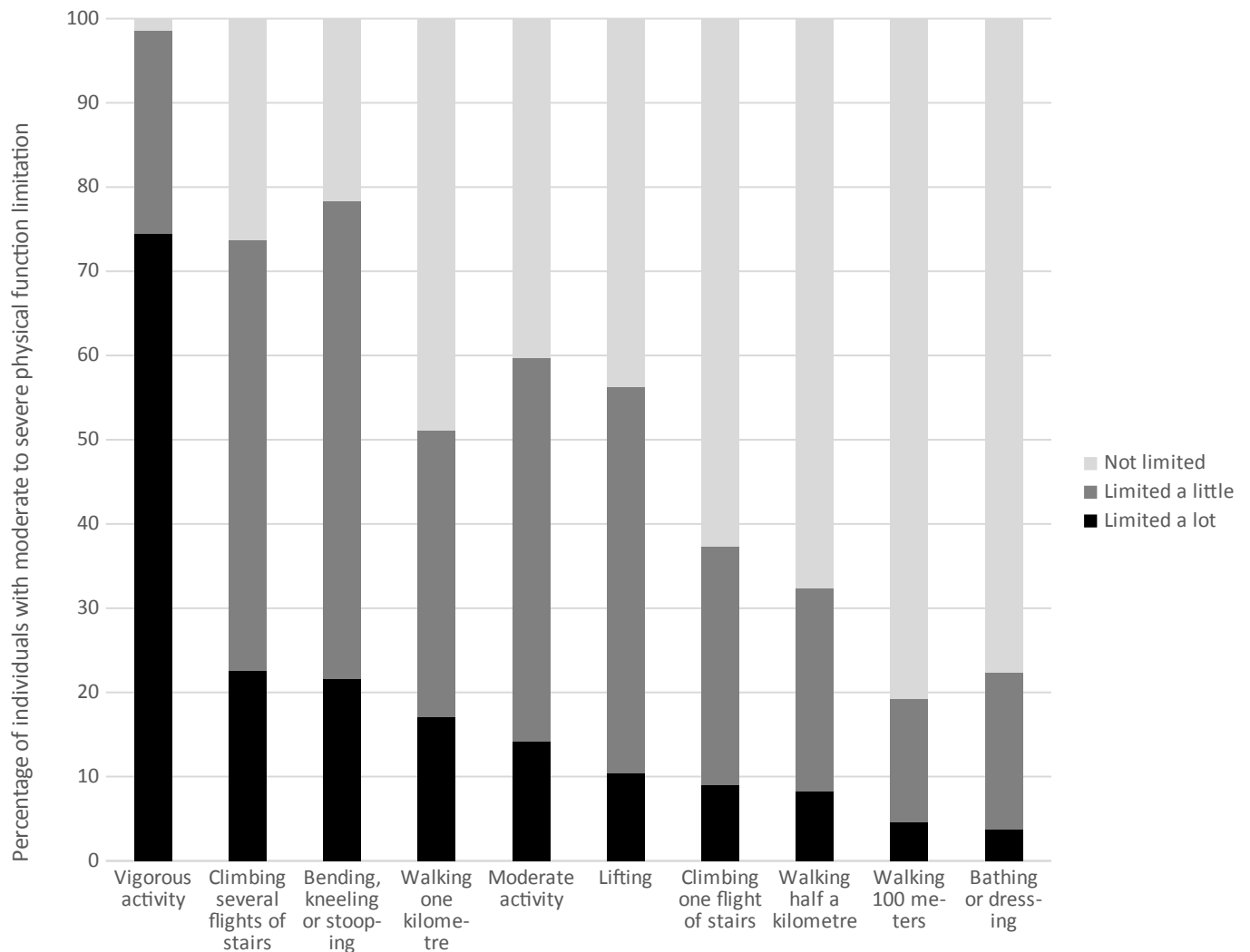
^IDiscipline of Medicine, Central Clinical School, Faculty of Medicine and Health, The University of Sydney, Sydney, NSW, Australia.

^JPositive Life NSW, Sydney, NSW, Australia.

*Correspondence to: David C. Boettiger Kirby Institute, UNSW Sydney, Sydney, NSW, Australia Email: dboettiger@kirby.unsw.edu.au

Supplementary material: Moderate to severe physical function limitation

Supplementary Figure 1: Activities affected among participants with moderate to severe physical function limitation (N=138)



Supplementary Table 1: Association between HIV and moderate to severe physical function limitation among all participants (n=381)

Characteristic	Number with moderate to severe physical function limitation (%individuals with characteristic)	Unadjusted		Adjusted*	
		Odds ratio (95%CI)	p	Odds ratio (95%CI)	p
HIV Status					
Living without HIV	60 (32.3)	1.0		1.0	
Living with HIV	78 (40.0)	1.4 (0.9, 2.1)	0.12	1.7 (1.0, 3.0)	0.05

*Adjusted for age, body mass index, psychological distress, physical activity, and number of comorbidities

Supplementary Table 2: Association between HIV-related factors and moderate to severe physical function limitation among participants with HIV (n=195)

Characteristic	Number with moderate to severe physical function limitation (%individuals with characteristic)	Unadjusted		Adjusted*	
		Odds ratio (95%CI)	p	Odds ratio (95%CI)	p
Year of HIV diagnosis					
Before 1996	39 (38.6)	1.0		1.0	
1996-2006	15 (32.6)	0.8 (0.4, 1.6)	0.48	0.2 (0.0, 1.3)	0.09
After 2006	10 (45.5)	1.3 (0.5, 3.4)	0.55	4.7 (0.70, 32.0)	0.11
Missing	14 (53.8)	-			
Latest CD4 count					
>750 cells/mm ³	26 (41.9)	1.0		1.0	
500-750 cells/mm ³	27 (36.0)	0.8 (0.4, 1.6)	0.48	0.4 (0.1, 1.9)	0.27
<500 cells/mm ³	25 (43.1)	1.0 (0.5, 2.2)	0.90	1.8 (0.5, 6.8)	0.36

*Adjusted for age, body mass index, psychological distress, physical activity, and number of comorbidities