

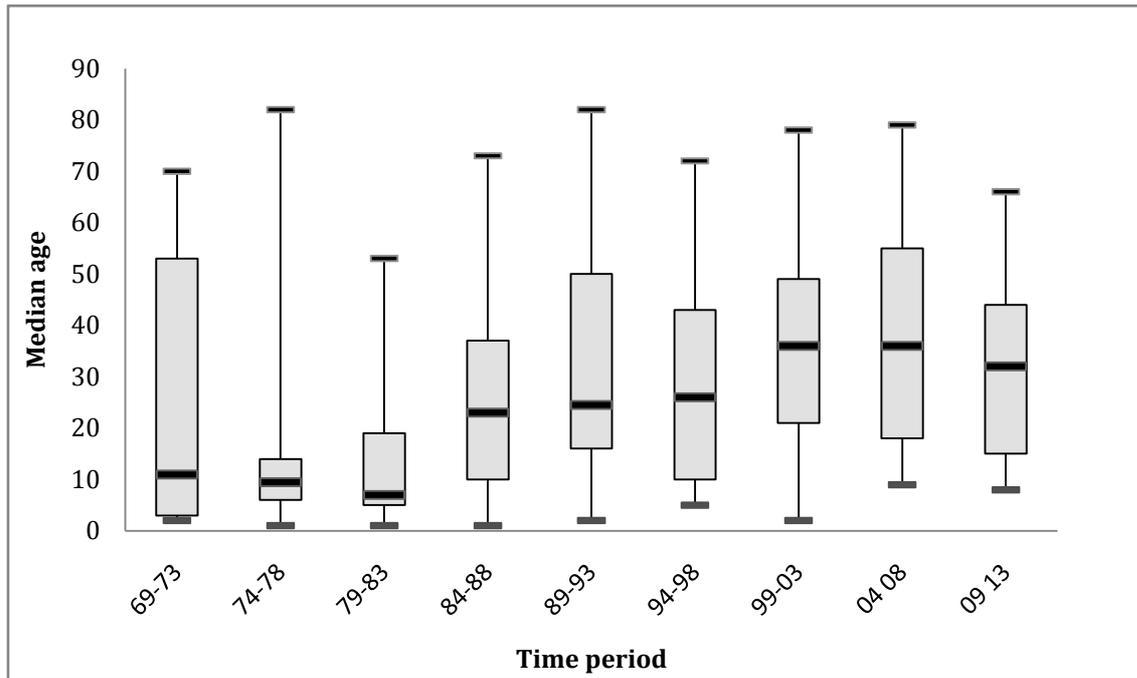
# THE LANCET

## Planetary Health

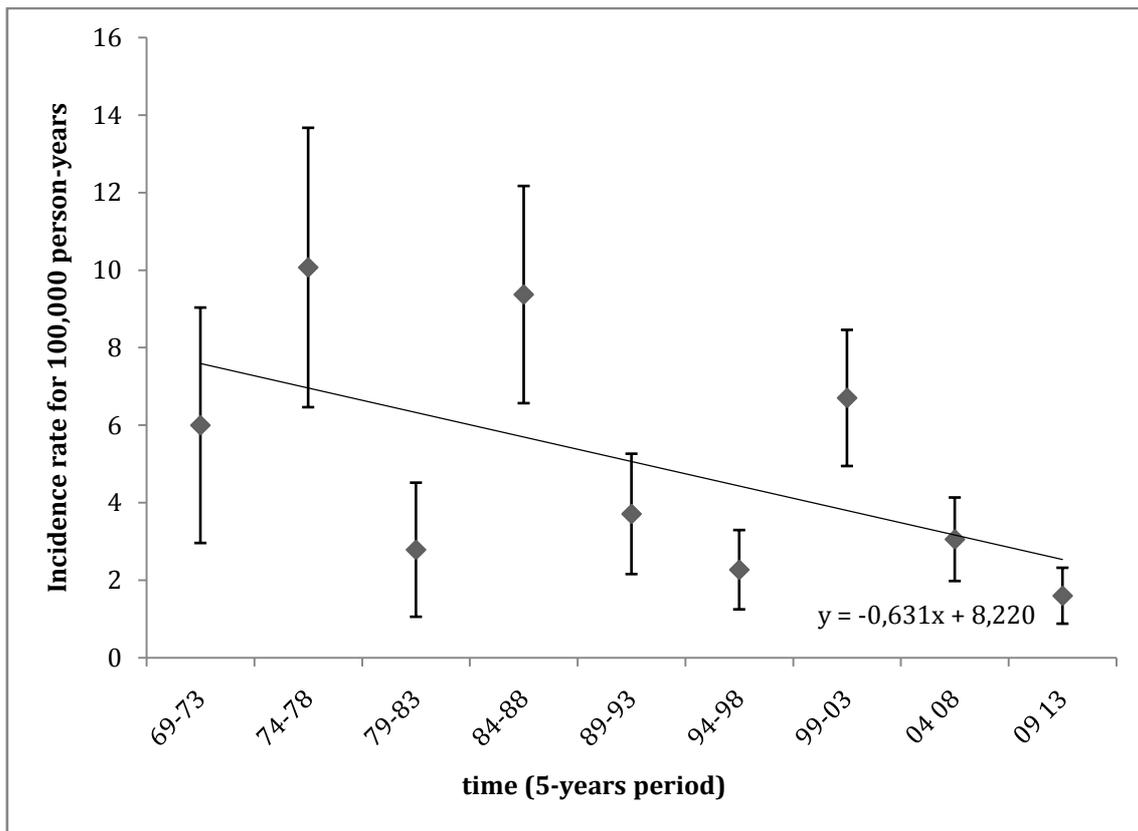
### Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Douine M, Gozlan R, Nacher M, et al. *Mycobacterium ulcerans* infection (Buruli ulcer) in French Guiana, South America, 1969–2013: an epidemiological study. *Lancet Planet Health* 2017; **1**: e65–73.



Supplementary Figure 1: Median age, minimum, maximum and interquartile range of *Mycobacterium ulcerans* infection by 5-year time periods from 1969 to 2013 in French Guiana.



Supplementary Figure 2: Average incidence rate with 95% confidence interval of *Mycobacterium ulcerans* infection and linear regression line in French Guiana by 5-year periods from 1969 to 2013

Supplementary Table: Incidence of Buruli ulcer in French Guiana from 1969 to 2013 by area and 5-year periods.

Period	Incidence rate for 100,000 person-year [IC 95%]					
	Cayenne	Sinnamary	Rurals areas	Mana	Kourou	Overall
<b>1969-1973</b>	2.5 [0.05-4.95]	62.24 [23.66-100.81]	0 [0-0]	0 [0-0]	0 [0-0]	5.58 [2.66-8.5]
<b>1974-1978</b>	5.24 [1.99-8.49]	81.35 [37.13-125.58]	3.64 [-1.4-8.68]	0 [0-0]	15.29 [0.31-30.27]	9.84 [6.25-13.43]
<b>1979-1983</b>	1.73 [0.03-3.43]	13.25 [-5.11-31.6]	3.11 [-1.2-7.42]	23.53 [-9.08-56.14]	0 [0-0]	2.83 [1.07-4.59]
<b>1984-1988</b>	7.26 [4.08-10.44]	25.99 [3.21-48.77]	0 [0-0]	101.41 [51.72-151.1]	4.01 [-1.55-9.57]	9.55 [6.69-12.41]
<b>1989-1993</b>	2.07 [0.54-3.6]	24.84 [4.96-44.72]	2.33 [-0.31-4.97]	14.5 [0.29-28.72]	2.8 [-1.08-6.69]	3.73 [2.18-5.28]
<b>1994-1998</b>	1.73 [0.45-3.01]	0 [0-0]	0.61 [-0.59-1.82]	23.08 [5.98-40.18]	4.65 [0.09-9.21]	2.69 [1.47-3.91]
<b>1999-2003</b>	5.24 [3.18-7.29]	9.06 [-3.5-21.61]	2.83 [0.57-5.1]	34.16 [14.83-53.48]	10.8 [4.42-17.18]	6.6 [4.88-8.32]
<b>2004-2008</b>	4.77 [2.94-6.6]	4.07 [-3.91-12.05]	0.35 [-0.33-1.02]	4.48 [-1.73-10.69]	0.85 [-0.82-2.51]	3.03 [1.97-4.09]
<b>2009-2013</b>	1.68 [0.64-2.73]	0 [0-0]	0 [0-0]	9.62 [1.19-18.05]	2.37 [-0.31-5.06]	1.51 [0.8-2.22]

**Supplementary table 2: location of lesion according to geographical district, time period and age**

	face n/N (%)	chest n/N (%)	upper limbs n/N (%)	lower limbs n/N (%)	missing data n/N (%)	global p-value
<b>Geographical district</b>						
Cayenne	1/113 (1)	6/113 (5)	28/113 (25)	76/113 (67)	2/113 (2)	p=0,292
Kourou	0/27 (0)	1/27 (4)	4/27 (15)	18/27 (67)	4/27 (15)	
Sinnamary	1/39 (3)	1/39 (3)	11/39 (28)	26/39 (67)	0/39 (0)	
Mana	0/48 (0)	3/48 (6)	12/48 (25)	30/48 (63)	3/48 (6)	
rural areas	0/15 (0)	0/15 (0)	5/15 (33)	9/15 (60)	1/15 (7)	
missing data	0/3 (0)	1/3 (3)	0/3 (0)	2/3 (67)	0/3 (0)	
<b>Time periods</b>						
1969-1983	1/55 (2)	3/55 (5)	14/55 (25)	34/55 (62)	3/55 (5)	p=0,845
1984-1998	0/84 (0)	5/84 (6)	24/84 (29)	52/84 (62)	3/84 (4)	
1999-2013	1/106 (1)	4/106 (4)	22/106 (21)	75/106 (71)	4/106 (4)	
<b>Age</b>						
children	1/90 (1)	2/90 (2)	25/90 (28)	59/90 (66)	3/90 (3)	p=0,549
adults	1/155 (1)	10/155 (6)	35/155 (23)	102/155 (66)	7 /155 (5)	



Supplementary Photograph: *Mycobacterium ulcerans* infection among three patients in French Guiana: a. nodule on the fore-arm; b. Ziehl coloration of a smear: red coloration of bacillus; c. plaque on the leg with ulcerations with undermined edges; d. ulcer on the ankle.