



**HAL**  
open science

## **Predictive factors of unprotected sex for female sex workers: first study in French Guiana, the French territory with the highest HIV prevalence.**

Marie-Claire Parriault, Célia Basurko, Astrid Van Melle, Emilie Gaubert-Maréchal, Stéphanie Rogier, Pierre Couppié, Mathieu Nacher

### ► **To cite this version:**

Marie-Claire Parriault, Célia Basurko, Astrid Van Melle, Emilie Gaubert-Maréchal, Stéphanie Rogier, et al.. Predictive factors of unprotected sex for female sex workers: first study in French Guiana, the French territory with the highest HIV prevalence.. *International Journal of STD and AIDS*, 2015, 26 (8), pp.542-8. 10.1177/0956462414545794 . inserm-01065111

**HAL Id: inserm-01065111**

**<https://inserm.hal.science/inserm-01065111>**

Submitted on 17 Sep 2014

**HAL** is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Table III: Multivariate unconditional logistic regression predicting non-use of condoms during the last intercourse with a non client (n=303).

	Did not use condom during the last sex with non commercial partner/total(%)	Crude odds ratios (95. CI)	Adj. odds ratios (95. CI)	<i>p adj.</i>
<i>History of abortion</i>				
Yes	93/199 (46.7)	1.15 (0.71-1.85)	3.78 (1.72-8.30)	<b>0.001</b>
No	45/104 (43.3)	1	1	
No response	5/28 (17.9)	0.28 (0.10-0.81)	1.43 (0.35-5.82)	0.617
<i>Perceived risk towards HIV</i>				
Does not feel being at risk	33/148 (22.3)	1	1	
Feels being at risk	85/177 (48.0)	3.22 (1.98-5.24)	3.67 (1.67-8.07)	<b>0.001</b>
Does not know/no response	34/49 (69.4)	7.90 (3.84-16.23)	12.84 (4.64-35.46)	<b>0.000</b>
<i>Would reveal a positive result of HIV test to intimate partner</i>				
Yes	110/213 (51.6)	4.81 (2.77-8.33)	3.48 (1.45-8.32)	<b>0.005</b>
No	18/93 (19.3)	1	1	
Does not know/no response	17/32 (53.1)	4.89 (2.12-11.28)	2.80 (0.83-9.43)	0.096
<i>Comfortable asking intimate partner to use condom</i>				
Yes	73/287 (25.4)	1	1	
No	58/64 (90.6)	28.34 (11.74-68.42)	53.04 (13.97-201.33)	<b>0.000</b>
Does not know/no response	21/23 (91.3)	30.78 (7.04-134.48)	53.03 (7.59-370.50)	<b>0.000</b>
<i>Dominican nationality</i>				
Yes	85/136 (62.5)	4.25 (2.71-6.65)	3.79 (1.73-8.29)	<b>0.001</b>
No	67/238 (28.1)	1	1	
<i>Lives in a couple</i>				
Yes	42/77 (54.5)	1.98 (1.19-3.31)	2.46 (1.07-5.66)	<b>0.033</b>
No	101/268 (37.7)	1	1	
No response	9/29 (31.0)	0.74 (0.33-1.70)	1.15 (0.29-4.54)	0.838
<i>Score of certain knowledge (out of 20)</i>				
Below 17*	99/209 (47.4)	1	1	
Greater than 17	53/165 (32.1)	0.53 (0.34-0.80)	0.84 (0.41-1.72)	0.631
<i>Social vulnerability score (out of 5)</i>				
Below 2**	109/246 (44.3)	1	1	
Greater than 2	43/128 (33.6)	0.64 (0.41-0.99)	0.75 (0.36-1.55)	0.438

\* 17 is the median value

\*\* 2 is the median value