***Epidemiology and Infection***

**Trends in proportion of older HIV-infected people in care in Latin America and the Caribbean: A growing challenge**

Y Caro-Vega, PF Belaunzarán-Zamudio, B Crabtree-Ramírez, BE Shepherd, F Mejia, MJ Giganti, JL CastilhoP Patterson, B Grinsztejn, M Wolff, JW Pape, D Padgett, C McGowan, JG Sierra-Madero

**Supplementary Material**

In this section we present the results of the logistic regression models used to estimate the annual proportion of patients that were 50 years or older in 7 CCASAnet centers and for the whole cohort. This information is supplementary to Figure 1B.

Briefly, we fit separate logistic regression models to assess trends in the proportion of older HIV patients over time for each center and overall; calendar year was included in the model using linear splines with three knots (2004, 2008 and 2011). We estimated the annual proportion of older patients using the predicted probabilities of each model. The probability of being older than 50 years increased significantly in all centers, though at different rates in each.

**Table S1.** Odds ratios for being older than 50 by calendar year in each CCASAnet site and the whole cohort.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Center** | **Year** | **OR** | **95%CI** | ***p*-value** |
| **CCASAnet** | 2000  2004  2008  2011  2015 | 1  1.47  2.13  2.75  3.72 | 1.41 - 1.52  1.98 - 2.29  2.54 - 2.97  3.48 - 3.99 | <0.001 |
| **CMH/FH**-Argentina | 2000  2004  2008  2011  2014 | 1  1.83  3.11  3.93  4.41 | 1.68 - 1.99  2.69 - 3.61  3.38 - 4.56  3.86 – 5.04 | <0.001 |
| **FC**-Brazil | 2000  2004  2008  2011 2015 | 1  1.32  1.76  2.21  3.11 | 1.23 - 1.42  1.54 - 2.00  1.91 - 2.56  2.74 - 3.54 | <0.001 |
| **FA-**Chile | 2000  2004  2008  2011  2013 | 1  1.22  1.52  1.90  2.28 | 1.10 - 1.35  1.28 -1.82  1.58 - 2.29  1.93 - 2.69 | <0.001 |
| **GHESKIO-**Haiti | 2003  2006  2009  2011 | 1  1.28  1.65  1.95 | 1.17 - 1.41  1.41 - 1.92  1.70 - 2.25 | <0.001 |
| **IHSS/HE**-Honduras | 2000  2004  2008  2011  2015 | 1  2.08  4.29  6.97  12.21 | 1.65 - 2.62  2.75 - 6.69  4.27 - 11.39  8.03 - 18.58 | <0.001 |
| **INCMNSZ**-México | 2000  2004  2008  2011  2015 | 1  1.32  1.74  2.15  2.90 | 1.10 - 1.59  1.21 - 2.50  1.40 - 3.31  2.00 - 4.20 | <0.001 |
| **IMTAvH**-Perú | 2000  2004  2008  2011  2015 | 1  1.55  2.40  3.22  4.38 | 1.36 - 1.77  1.84 - 3.12  2.36 - 4.39  3.35 - 5.73 | <0.001 |

1 *Odds ratios for a logistic model by site using splines with 3 nodes for the same years, except in Haiti which we adjust knots in 2006, 2009 and 2011 because their data are available between 2003 to 2012.*