

**Fig. S1.** **Comparison of HIV prevalence in each province in Zambia with the national HIV prevalence. A)** based on the 2011 HIV sentinel surveillance from antenatal clinics (HSS-ANC) [1] and **B)** based on the 2007 Demographic and Health Survey (DHS) [2].

**References**

1. Vandament L. Zambia 2011 HIV sentinel surveillance data from antenatal clinics. Country-level Data, Lusaka, Zambia 2013.

2. Zambia Demographic and Health Survey 2007. Available: <http://dhsprogram.com/pubs/pdf/FR211/FR211%5Brevised-05-12-2009%5D.pdf> [Internet]. CSO and Macro International Inc. 2009.