Reviewer's report

Title: High prevalence of HIV infection and unprotected anal intercourse among older men who have sex with men in China: A systematic review and meta-analysis

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Reviewer: Huachun Zou

Reviewer's report:

This is a timely study addressing the HIV epidemic among older Chinese MSM. It is very well written with rigorous study design and analytical methods. I only suggest a few minor revisions:

1. Page 11, Line 1, please change “old MSM” to “older MSM”;
2. Page 11, Lin 20-21, you don’t really have to mention that the HIV epidemic in southwest China is driven by IDUs. This is a bit distracting and misleading.
3. In the results section, please include data on syphilis prevalence in younger MSM.
4. In the discussion section, authors probably want to discuss about HIV testing as increased HIV prevalence may be to some extent due to increase testing rate. HIV testing among Chinese MSM has been increasing over the decade (you can reference: Zou H, et al. HIV testing among men who have sex with men in China: a systematic review and meta-analysis. AIDS & Behavior, 2012). Do older MSM test for HIV and syphilis more often than their younger counterparts? (you can reference a few studies who were looking at HIV testing in Chinese MSM in different age groups, for example: Zhang L, et al. Predictors of HIV testing among men who have sex with men in a large Chinese city, STD, 2013; Song Y, et al. HIV-testing behavior among young migrant men who have sex with men (MSM) in Beijing, China, AIDS Care, 2011)
5. Authors may also want to discuss about aging in Chinese MSM. What problems will occur as MSM are growing older? There are quite some papers outside in this topic. These studies might be of some implication for older Chinese MSM.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests