Author's response to reviews

Title: Varicella susceptibility and transmission dynamics in Slovenia

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Author's response to reviews: see over
Dear Sir/Madame,

Please find enclosed our paper entitled *Varicella susceptibility and transmission dynamics in Slovenia*. We are kindly asking for taking our paper into consideration for publication in BMC Public Health. Our paper compromises original, unpublished material which hasn’t been submitted for publication elsewhere.

There are different acquisition patterns of antibodies to varicella during early life as shown by seroprevalence studies done in western EU countries. Virtually no VZV seroprevalence data has been published from countries which joined EU in year 2004 or later.

In our paper, the results of first national serosurvey are shown which measured immunity to VZV prior to the vaccine induction. Force of infection has been studied using semiparametric and parametric methods in order to provide insight in transmission dynamics of VZV. Our results represent the starting point for in depth studies of social determinants of varicella transmission in different social structures.

All authors read and agreed to the submitted version of the manuscript.

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Best regards,

Maja Sočan

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