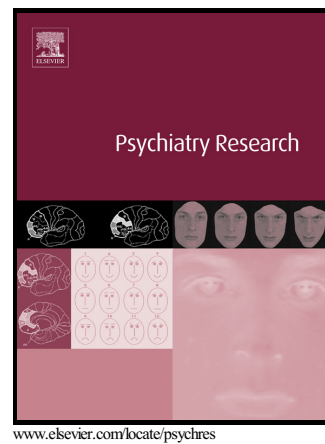


## Author's Accepted Manuscript

The influence of parent's body mass index on peer selection: An experimental approach using virtual reality

Corinna S. Martarelli, Natalie Borter, Jana Bryjova, Fred W. Mast, Simone Munsch



PII: S0165-1781(15)00387-X  
DOI: <http://dx.doi.org/10.1016/j.psychres.2015.05.075>  
Reference: PSY8994

To appear in: *Psychiatry Research*

Received date: 28 October 2014

Revised date: 28 May 2015

Accepted date: 31 May 2015

Cite this article as: Corinna S. Martarelli, Natalie Borter, Jana Bryjova, Fred W. Mast and Simone Munsch, The influence of parent's body mass index on peer selection: An experimental approach using virtual reality, *Psychiatry Research*, <http://dx.doi.org/10.1016/j.psychres.2015.05.075>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**The influence of parent's body mass index on peer selection:**

**An experimental approach using virtual reality**

Corinna S. Martarelli<sup>a</sup>, Natalie Bortera<sup>a</sup>, Jana Bryjova<sup>b</sup>, Fred W. Mast<sup>a\*</sup> & Simone Munsch<sup>b\*</sup>

<sup>a</sup> Department of Psychology, University of Bern, Switzerland

<sup>b</sup> Department of Psychology, University of Fribourg, Switzerland

\*last authorship shared equally.

Corresponding author: Prof. Dr. Simone Munsch, Universität Fribourg, Department of Psychology, Clinical Psychology and Psychotherapy, 2, Rue de Faucigny, CH-1700 Fribourg/Switzerland

TEL: +41 26 300 76 57/55

Email: [simone.munsch@unifr.ch](mailto:simone.munsch@unifr.ch)

**Abstract**

Relatively little is known about the influence of psychosocial factors, such as familial role modelling and social network on the development and maintenance of childhood obesity. We investigated peer selection using an immersive virtual reality environment. In a virtual schoolyard, children were confronted with normal weight and overweight avatars either eating or playing. Fifty-seven children aged 7 to 13 participated. Interpersonal distance to the avatars, child's BMI, self-perception, eating behavior and parental BMI were assessed. Parental BMI was the strongest predictor for the children's minimal distance to the avatars.

Download English Version:

<https://daneshyari.com/en/article/10304045>

Download Persian Version:

<https://daneshyari.com/article/10304045>

[Daneshyari.com](https://daneshyari.com)