

Accepted Manuscript

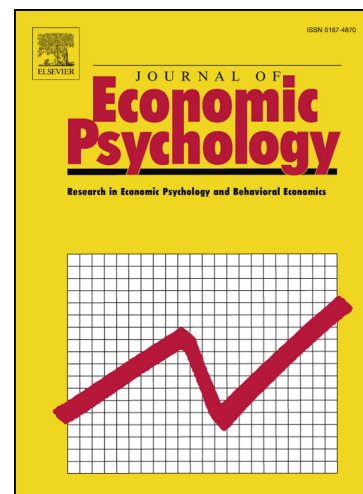
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Christopher Barrington-Leigh, Fatemeh Behzadnejad

PII: S0167-4870(17)30024-7
DOI: <http://dx.doi.org/10.1016/j.joep.2017.01.003>
Reference: JOEP 1965

To appear in: *Journal of Economic Psychology*

Received Date: 7 October 2015
Revised Date: 4 January 2017
Accepted Date: 13 January 2017



Please cite this article as: Barrington-Leigh, C., Behzadnejad, F., The Impact of Daily Weather Conditions on Life Satisfaction Evidence from Canadian Cross-sectional and Panel Data, *Journal of Economic Psychology* (2017), doi: <http://dx.doi.org/10.1016/j.joep.2017.01.003>

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The Impact of Daily Weather Conditions on Life Satisfaction Evidence from Canadian Cross-sectional and Panel Data

Christopher Barrington-Leigh*
Fatemeh Behzadnejad†

Abstract

Life satisfaction has been widely used in recent years for evaluating the effect of environmental factors on individuals' well-being. In this study, using two major health surveys in Canada, we show that after controlling for individuals' socioeconomic characteristics as well as local and seasonal climate, temporal weather variations have an impact on satisfaction with life. This effect is identified in a number of alternative specifications. Women and individuals with poor health condition are more affected by weather conditions. Although being statistically significant, the effect of weather on life satisfaction is small compared with major socioeconomic determinants of well-being. Confirming the results of past studies, the analysis of our cross-sectional data set shows the effect of long term climate variables on life satisfaction.

Keywords: life satisfaction, affect, income, climate, welfare, subjective well-being

APA code: **2340** Cognitive Processes

JEL codes: **Q51**: Valuation of Environmental Effects; **I31**: General Welfare, Well-Being; **H41**: Public goods; **D6**: welfare economics

*McGill University. Corresponding author.

†McGill University.

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