Dynamic interplay between life events and course of psychotic disorders: 10-year longitudinal study following first admission

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| **Supplementary Material**Supplemental Table 1. Life Event Categories | |
| Negative Event Categories | **Positive Event Categories** |
| Laid off | New residence |
| Wage cut | Returned to old job |
| Reduced family income | Started new job |
| Property damage or robbery | Started school/vocational program |
| Accident | Promoted |
| Driver’s license suspended | Engaged or married |
| Arrested | Started romantic relationship |
| Other legal problems | Had/adopted a baby |
| Death of close other | Child had/adopted a baby |
| Illness of close other |  |
| Got separated or divorced |  |
| Parents separated or divorced |  |
| Abortion or miscarriage |  |

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| Supplemental Table 2. Impact of Demographics on Effects of Adverse LEs | | | | | | |
|  | **Without Covariates1** | | |  | **With Covariates** | |
|  | *β* | | p |  | *β* | p |
| **Reality Distortion** | .07 | .006\* | |  | .09 | .001\* |
| **Disorganization** | .07 | .002\* | |  | .08 | .001\* |
| **Negative Symptoms** | -.08 | <.0001\* | |  | -.07 | <.0001\* |
| **Mania** | .08 | .002\* | |  | .08 | .003\* |
| **Depression** | .06 | .019\* | |  | .06 | .016\* |

1Regression models covarying for demographic factors including age, sex, diagnosis,

SES; \*p<.05.

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| *Supplemental Table 3. Impact of Demographics on Slope of Adverse LE – Symptoms* | | | | | |
| Effect1 | *Reality distortion (β)* | *Disorgani*  *zation (β)* | *Negative SX (β)* | *Mania*  *(β)* | *Depression*  *(β)* |
| **Negative LE \* Age** | -.02 | .01 | -.00 | -.02 | .04 |
| **Negative LE \* Diagnosis** | .00 | -.01 | -.13\* | -.08 | -.05 |
| **Negative LE \* Sex** | -.04 | -.05 | -.02 | -.07 | -.12\* |
| **Negative LE \* SES** | -.02 | -.05 | -.01 | -.02 | .03 |

1LE=Life Events, SX=Symptoms; \*p<.05

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| Supplemental Table 4. Negative Symptom Covariate Models | | | | | | | | | | | |
|  | **Negative LEs** | | | | |  | **Positive LEs** | | | | |
|  | Original Model | |  | Covariate Model | |  | Original Model | |  | Covariate Model | |
|  | *β* | p |  | *β* | p |  | *β* | p |  | *β* | p |
| **Negative Symptoms** | -.08 | <.001 |  | -.09 | <.001 |  | -.13 | <.001 |  | -.12 | <.001 |
| Note: LEs = Life Events. Original Model reflects negative symptoms regressed on LEs. Covariate Model reflects negative symptoms, antipsychotic medication, and depressive symptoms regressed on LEs. | | | | | | | | | | | |

Supplemental Figure 1. Negative Symptoms and Adverse Life Events

Moderating effect of diagnosis on relationship of adverse LEs with negative symptoms. LEs = Life Events; OPD = Other Psychotic Disorders; SZ = Schizophrenia-Spectrum.

Supplemental Figure 2. Depression and Adverse Life Events

Moderating effect of gender on relationship of adverse LEs with depression. LEs = Life Events; F = Female; M = Male.