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## **Prediction on the negative outcomes of anger in female adolescents**

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**PURPOSE:** This study was designed to construct a structural model for explaining negative outcomes of anger in female adolescents. **METHOD:** Data was collected by questionnaires from 199 female adolescents in a female high school in Seoul. Data analysis was done with SAS for descriptive statistics and a PC-LISREL Program for Covariance structural analysis. **RESULT:** The fit of the hypothetical model to the data was moderate, thus it was modified by excluding 7 paths and adding free parameters to it. The modified model with the paths showed a good fit to the empirical data ( $\chi^2=5.62$ ,  $p=.69$ , GFI=.99, AGFI=.97, NFI=.99, NNFI=1.01, RMSR=.02, RMSEA=.00). **Trait anger, state anger, and psychosocial problems were found to have a significant direct effect on psychosomatic symptoms. State anger, psychosocial problems, and learning behaviors were found to have direct effects on depression of female adolescents.** **CONCLUSION:** The derived model is considered appropriate for explaining and predicting negative outcomes of anger in female adolescents. Therefore, it can effectively be used as a reference model for further studies and is a suggested direction in nursing practice.

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