

THE DEVELOPMENT OF MEASUREMENT MODELS FOR HOUSING ENVIRONMENT BY LISREL PROGRAM: FAMILY RESIDENTS IN TAEJON CITY, KOREA. Choi, M. W., Kim, H. J., Department of Home Economics Education, Hannam University, Taejon, Korea.

The purpose of this study was to develop a measurement model for evaluation of family residents housing environments in Taejon, Korea. Based on previous research on housing environments, six factors (comfort interior, outdoor comfort, facility convenience, community convenience, social-psychological satisfaction, and management & maintenance satisfaction) were selected to evaluate residential environments and to develop a model exploring the multi-dimensional relations between latent and measurement variables. As a confirmatory study, an Analysis of Linear Structural Relationships (LISREL) was utilized to test the model. Despite of some measurement errors, the goodness-of-fit of an overall model was acceptable.

The results from this study found important indices to assess housing environments and suggested measurement models. The significant indices and their variables were : comfort interior (noise from neighbors, noise from other rooms) ; outdoor comfort (traffic noise, dirt, fresh air, offensive odor); facility convenience (grass, trees, shrubs, playgrounds, parking spaces); community convenience (recreation facilities, medical facilities, children's educational facilities); social-psychological satisfaction (distance between buildings, view, landscaping, similarity of neighbors); management and maintenance satisfaction (efficient housing management, heating, repair and maintenance services).