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## Comparing two schizophrenia-specific quality of life instruments in institutionalized people with schizophrenia

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### Abstract

Clinical health professionals may have difficulties to select appropriate schizophrenia-specific Quality of life (QoL) instruments because of the limited information regarding their psychometric properties. Two widely used schizophrenia-specific QoL instruments (Schizophrenia Quality of Life Scale Revision 4 [SQLS-R4] and Lancashire Quality of Life Profile [LQOLP]) were compared in institutionalized people with schizophrenia, and useful recommendations for clinical health professionals were provided. Participants ( $n=100$ ) filled out the two instruments twice. Test-retest reliability, internal consistency, and confirmatory factor analyses (CFAs) were conducted. Both SQLS-R4 domains ( $r = 0.573$  to  $0.731$ ) and LQOLP domains ( $r = 0.303$  to  $0.778$ ) had good test-retest reliability. However, the objective QoL domains in the LQOLP showed lower internal consistency ( $\alpha = 0.219$  to  $0.617$ ) than its subjective QoL domains ( $\alpha = 0.532$  to  $0.947$ ) and the SQLS-R4 domains ( $\alpha = 0.768$  to  $0.939$ ). The CFAs with two correlated underlying instruments constructs and two correlated underlying QoL traits (viz., Physical and

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