

# Towards Evaluating Ambient Assisted Living: State-of-the-Art Use of Measures

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# Towards Evaluating Ambient Assisted Living: State-of-the-Art Use of Measures

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## **ABSTRACT**

In order to determine the current evaluation of Ambient Assisted Living (AAL) solutions' benefits, a systematic review of state-of-the-art literature was conducted. Four scientific online libraries were searched, articles combining AAL and controlling were considered relevant. In total, 223 abstracts were identified. Each of them was assessed regarding its suitability for the research at hand. The subsequent review contained analysis of 13 heterogeneous relevant articles: two of them discussed instruments and indicators for efficiency, eleven focused on quality aspects. Evidence on concrete measurement of benefits is specific and limited. Analyses of outcomes for stakeholders have not been standardized, yet. Demand for larger studies of AAL solutions and more focus on patients' and economic perspectives exists.

## **Keywords**

Ambient Assisted Living, AAL, Systematic, Literature Review, Evaluation, Controlling, Measure, Quality.