

ASAP: Automatic Speech Analytics Program for Early Personalised Psychosocial Health Assessment

The Automatic Speech Analytics Program (ASAP) addresses the widespread challenge of psychosocial problems, affecting **13%** of individuals globally. ASAP **automatically analyses** clients' **speech** for **multidimensional psychosocial health risk indicators**, instantly providing insights for health professionals or social workers to inform further interventions for their clients. Its **5 components** (psychosocial risk assessment, semantic and acoustic analytics, speech recognition, instant visualisation, automatic report generation) enable **validated and cost-effective assessments**. It **streamlines the evaluation process and reduces reporting burden** to support **timely, effective care** for those facing elevated stress and related challenges.

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FEATURES AND ADVANTAGES

Significantly reduces heavy workload in reporting and follow-up via automation and real-time analysis

01

Facilitates early and effective detection of psychosocial distress in populations by linking the distress level and nuanced changes in textual and acoustic features

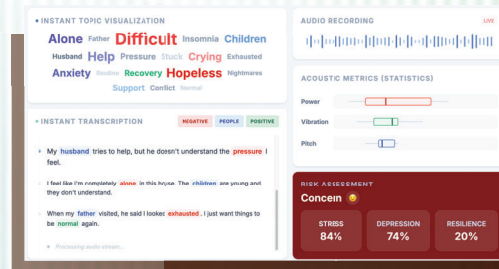
02

Proven risk scores on stress, depression, resilience and visualised word cloud for health professionals' reference and assist diagnosis

03

Bias Reduction: non-sensitive question responses enable open expression of true feelings

04



Has benefited social workers and health professionals as well as their **clients** in various organisations, including community service providers, mental health charities, and hospitals

05

FUTURE DEVELOPMENTS

- **Make ASAP a significant force** in assessing psychosocial health across **diverse vulnerable groups** (e.g. informal caregivers, elderly, youth, & minorities) and **languages**
- **Upgrade with AI-empowered 24/7 psychosocial health support and triage features** for **immediate needs**