

Sistem Pendukung Keputusan Status Gizi Balita Menggunakan Metode Fuzzy Mamdani (STUDI KASUS POSYANDU DESA KEMUNINGLOR)
(Decision Support System For Children Nutrient Status Using Fuzzy Mamdani Method Case Study Puskesmas Kemuninglor Village).

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ABSTRACT

Malnutrition accounts for one-third of all child deaths worldwide. The World Health Organization (WHO) estimates that 54 percent of child deaths are caused by malnutrition. Meanwhile, nutrition problems in Indonesia account for more than 80 percent of child deaths. To maintain the stability of nutritional status, it is necessary to assess and monitor the nutritional status of children under five. This study aims to build a decision support system for nutritional status of toddlers using fuzzy mamdani method. From the results of calculations carried out by the system using fuzzy mamdani, it is obtained an accuracy of 80% from 25 data.

Key words : *Nutritional Status of Toddlers, Decision Support System, Fuzzy Mamdani.*