How to apply Artificial Intelligence in estimating Mental Illnesses, 2021

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Background: Mental health is without doubt one of the most vital aspects of any child's development. It is an essential part of children's overall health and has an impact on the child's physical health and their ability to be successful. Mental health increases children's opportunity to live up to their full potential and do what is best for themselves and the people around them.

Purpose: To estimate the expected number of children or adults with mental disorder through.

Method: In order to carry out this assessment we applied qualitative modeling (Artificial Intelligence approach) and quantitative methodology.

Key findings: Artificial intelligence can be used as a tools to measure the differences level of actual registered cases with ASD and compared with the expected cases with foe a general population. Annual birth figures can be applied to estimate the risk of developing autism spectrum disorder (ASD) in future. Studies of eating disorders are so effective to determine the needs of required services for girls aged 13–19 years affected with anorexia nervosa and bulimia nervosa. An estimated 5% of children and 2.5% of adults have ADHD. ADHD is often first identified in school-aged children when it leads to disruption in the classroom or problems with schoolwork. These figures can be applied to assess the expected number of people with ADH in the community. Applying the postnatal depression prevalence rates (10–15%) to the number of annual total live births or pregnancies in estimating postnatal depression among women.

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