

Biostatistics Review Certificate

Statement

Name of Journal: World Journal of Experimental Medicine

Manuscript NO: 83089

Manuscript Type: EVIDENCE-BASED MEDICINE

Role of children in the Bulgarian COVID-19 epidemic: A mathematical model study

Tomov L et al. Bulgarian children and the COVID-19 pandemic

Latchezar Tomov, Hristiana Batselova, Snezhina Lazova, Borislav Ganev, Iren Tzocheva,
Tsvetelina Velikova

We used ARIMA models to predict deaths weekly from new cases among different age groups. The approach is suitable for time series analysis with time-varying effective reproductive number R_t . Moreover, it allows us to regress against other predictors to test some hypotheses which set of factors influences the spread of the disease. For children, we have several hypotheses.

Dr. Tsvetelina Velikova and Dr. Luchesar Tomov are certified in biostatistics. The data is presented as required by the Baishideng Publishing Group (BPG) directives.

Corresponding author: Luchesar Tomov, PhD