2nd SitRep of COVID-19 epidemic trajectory in Canada and provinces from international models

Dear Dr. Henry, Dear Dr. Patrick,

Dear all,

Attached please find a second situation report of predictions of the COVID-19 epidemic trajectory in Canada at the national and province levels in the next three months, which I have curated from five international and periodically updating epidemic models. It contains graphs and text description of daily deaths, infections, and bed needs predicated by different studies, including the models by IHME and Imperial college.

The report is based on an online tool I developed, a GitHub repository, named “CovidVisualizedCountry” available at <https://github.com/pourmalek/CovidVisualizedCountry>. The report is a snap-shot and stand-alone version of the latest models’ updates for Canada.

A pre-print Data Note manuscript that describes the methods used for creation of the GitHub repositories is also attached here.

Could you please advise if this is useful, and how it could be modified to be so?

I was working as a post-doc with Dr. Patrick and Dr. Goldenberg of VGH Urology and was invited to and taught a SPPH course on Mortality and Morbidity in Developing Countries.

Thank you and best regards,

Farshad Pourmalek