

Subject: Re: Questions about your article
From: Kazuhiko Ito <kito1@health.nyc.gov>
Date: 20/10/2016, 21:33
To: Heng-Ru May Tan <hengrumay@gmail.com>

Hello May,

The data I analyzed are not "hospitalizations" data but emergency department (ED) visits for "asthma" based on the patient's chief complaint (and not physician diagnosed). This is why the data are called "syndrome". But they are highly correlated with the physician-diagnosed asthma ED visits data on an aggregated time-series basis, as I mentioned.

The data are in fact publicly available from the health department website:

<https://a816-healthpsi.nyc.gov/epiquery/Syndromic/>

You can get the daily data. They don't go back to as far as the one I analyzed in the paper though. Please take a look at the explanation of the data on the site.

Good luck with your project. I will be ultra-busy next couple of weeks, so I may not be able to respond right away (like this) if you have additional questions.

Best,

Kaz

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a816-healthpsi.nyc.gov

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From: Heng-Ru May Tan <hengrumay@gmail.com>
Sent: Thursday, October 20, 2016 7:44:20 PM
To: Kazuhiko Ito
Subject: Questions about your article

Dear Dr. Kazuhiko Ito,

I am working on a personal data science project that aims to classify or predict hospital admission and air quality. I came across your article <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4549916/> on "The associations between daily spring pollen counts, over-the-counter allergy medication sales, and asthma syndrome emergency department visits in New York City, 2002-2012". It is something relevant to my project and your findings are insightful.

I wondered if there is possible shared access to the hospitalization data you used in your analysis or how to access them as the ones available online only provide annual information and not daily information.

If you can offer any assistance or advise I'd gratefully appreciate it.

Thank you.

Best,
May
Data Scientist at Metis.
917-932-6639

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