

YODA project protocol number: 2020-4165

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Final Summary:

Objective:

To evaluate and develop novel methods to estimate the heterogeneous treatment effects, and to identify subgroups of patients in terms of the effectiveness and cost-effectiveness of the treatment.

Methods:

The proposed methods were some "supervised" machine learning methods such as causal forests, support vector machines, Bayesian additive regression trees and meta learners.

Results:

Despite the fact that NCT00968812-28431754DIA3009 is a randomized controlled trial that contains clinical outcomes which are appropriate to estimate the heterogeneous effects of the type 2 diabetes treatments , it requires too much time to be processed into a suitable form for analysis. Therefore, after investigating the data, a decision was taken not to proceed with the analysis, given the availability of other data in a more readily usable form.

Conclusions:

N/A

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