From: Adriaan

To: Anita, Alejandra & Judith

Concerning: Data Request “Time to get real”

Date: 12th November, 2020

The basis for the data delivery for the project ‘Time to get real’ was laid out by Jeroen Ruwaard in his presentation ‘The Future of eMental Health Services’ that he gave in in May 2019. In this presentation he explored treatment variability using cluster analysis in order to find an answer to the question: “Based on GiG registry data, what is the five-year treatment prognosis of patients who are first diagnosed with a Major Depressive Disorder?”. For patients with a diagnosis on major depression, care use, i.e. data on the amount of time spent on different treatment components such as ‘supportive structuring’, ‘pharmacotherapy’, ‘behaviour therapy’, etc., was aggregated to the patient level, and then used to create clusters of similar patients (treatments). The data delivery was obtained at 2020-10-14 and consists of data at the patients level and patient data at monthly basis:

Patients.Rda

Patient\_Months\_Interventions.Rda

Patient\_Months\_Diagnoses.Rda

Patient\_Months\_ROMscores.Rda

***Patient\_Months\_Teams.Rda***

Now follows a brief description of the variables in each of the five files:

Patients.Rda

* client-id (anonymised)
* gender
* year-of birth
* ***four-digit zip code***
* date of enrolment
* diagnosis code (major depression in all cases, since this is an inclusion criterium)
* date of diagnosis (range 2008-01-01 to 2015-10-14)
* costs (aggregated total costs according to the DBC’s)
* days.prev (number of days in treatment before date of depression diagnosis)
* n.prev (number of interventions before date of depression diagnosis)
* mins.prev (total minutes of interventions before date of depression diagnosis)
* days (number of days in treatment after date of depression diagnosis)
* n (number of interventions after date of depression diagnosis)
* mins (total number of minutes of interventions after date of depression diagnosis (ddd))
* team\_id (team id of team that was most involved)
* team.mins (total number of minutes of interventions after ddd by team)
* team
* subdepartment
* department
* organisation (GGZ inGeest vs VUmc)
* n\_activation .. n\_treatment (number of interventions - 35 categories)
* mins\_activation .. mins\_treatment (total minutes of interventions - 35 categories)
* cluster (results cluster analysis)

patient\_months\_interventions.Rda

* client-id (anonymised)
* year
* month
* n\_activation .. n\_treatment contact (35 categories)
* mins\_activation .. mins\_treatment contact (35 categories)

patient\_months\_rom.Rda

* client-id (anonymised)
* year
* month
* nrom (number of rom measurements)
* date\_1 (date of first rom measurement in the month)
* rom\_1 (type of rom: bsi, oq45, sq48, honos)
* score\_1 (t-score)
* date\_2 (second rom-questionnaire within same month)
* rom\_2 (type of rom: bsi, oq45, sq48, honos)
* score\_2 (t-score)
* date\_3 (date sixth rom-questionnaire)
* ..
* score\_6 (t-score)

patient\_months\_diagnoses.Rda

* client-id (anonymised)
* year
* month
* ndiag (number of diagnosis assessments in the month)
* date\_1 (date of first diagnosis assessment in the month)
* ax\_1\_1\_1 (diagnosis on axis 1: the 1st (=main) diagnosis of the 1st diagnosis assessment in the month)
* ax\_1\_2\_1 (diagnosis on axis 1: the 2nd diagnosis of the 1st diagnosis assessment in the month)
* ax\_1\_3\_1 (diagnosis on axis 1: the 3rd diagnosis of the 1st diagnosis assessment in the month)
* ax\_1\_4\_1 (diagnosis on axis 1: the 4th diagnosis of the 1st diagnosis assessment in the month)
* ax\_2\_1\_1 (diagnosis on axis 2: the 1st diagnosis of the 1st diagnosis assessment in the month)
* ax\_2\_2\_1 (diagnosis on axis 2: the 2nd diagnosis of the 1st diagnosis assessment in the month)
* ax\_3\_1 (diagnosis on axis 3 of the 1st diagnosis assessment in the month)
* ax\_4\_1 (diagnosis on axis 4 of the 1st diagnosis assessment in the month)
* gaf1\_1 (first gaf score of the 1st diagnosis assessment in the month)
* gaf2\_1 (second gaf score of the 1st diagnosis assessment in the month)
* date\_2 (date of second diagnosis assessment in the month)
* ax\_1\_1\_2 (diagnosis on axis 1: the 1st (=main) diagnosis of the 1st diagnosis assessment in the month)
* ..
* gaf2\_9 (second gaf score of the 9th diagnosis assessment in the month)