# Minutes of OHDSI workgroup in Population Level Estimation

November 1, 2017

Present: Chan You Seng, Lee Danha, Do Yaop Kim, Martijn Schuemie

Martijn leads the discussion on software validity.

Chan mentions he discussed with Bart Vannieuwenhuyse (Janssen) about the need to create a library of validated outcome definitions. Martijn agrees that outcome definition validity is an essential component of the validity of a study, and that we need such a library, but wonders whether we have solved the process of creating and validating outcome definitions.

Chan also mentions that he and his team used the large-scale population level estimation experiment (on depression treatments) as a validation and presented these results to the Korean authorities. Type 1 error was around 5%, and type 2 error was around 30%, which impressed the authorities. Chan is convinced that if the experiment is executed not a sample but the entire database the type 2 error will go down.