# Notes PLP PLE meeting, Eastern Hemisphere

March 4, 2020

Present: Teng Liaw, Peter Rijnbeek, Chen Yanover, Jaehyeong Cho, Nicole, Seng Chan, Ian Wong

Martijn presents on the new CohortDiagnostics package.

Nicole: Why is the incidence rate (IR) in the first year high? Perhaps because there is less prior observation time, and prevalent cases are classified as incident?

Martijn: I thought it was because the counts are small and therefore unstable. To be able to rule that out, I will also output the counts in addition to the incidence rate.

Peter: When comparing IRs across databases, could we force the y-axis to be the same?

Martijn: I will add an option to do so.

Peter: Would be good to think of what to do if we observe something odd. Not always clear what the next step is, once a problem is spotted.

Peter: Perhaps standardize IR by WHO standard population?

Martijn: I agree that would be a nice-to-have. However, it is good to keep in mind that this is a cohort diagnostics tool, not a full IR calculator.

Peter: The orphan codes check requires English (source) concept names?

Martijn: Yes, unfortunately so.

Seng Chan: Instead of using substring search, could we use Lucene-like tools to find similar codes based on similar patient features?

Martijn: That is an excellent idea for a future research project!