

Report on the outcomes of a Short-Term Scientific Mission¹

Action number: CA18218

Grantee name: Tina Lesnik

Details of the STSM

Title: Methods and concepts of calculating YLLs

Start and end date: 29/05/2022 to 03/06/2022

Description of the work carried out during the STSM

The STSM was led by Elena von der Lippe of the German BURDEN 2020 project at the Rober Koch Institute. Periklis Charalampous and I were the participants.

We were introduced to the working group and department on the first day. Elena presented the German BoD study methodology for determining ill-defined causes of death. We discussed about recoding approaches.

The code in STATA was adapted and tested on the second day for assigning ill-defined codes from Slovenian mortality data from 2010 to 2020. The main steps have been discussed.

On the third and fourth days, we analyzed Slovenian mortality data, including the percentage of ill-defined codes, trends, and characteristics by gender and age group.

On the final day, we discussed the results and recoding options. The plan for the joint paper was suggested.

Description of the STSM main achievements and planned follow-up activities

STSM's primary accomplishments included networking with the German team, learning about a critical step in estimating YLL – managing ill-defined causes of death, and applying German methodology to derive ill-defined causes of death for Slovenian data.

The future intentions include authoring a publication on ill-defined causes of death from Slovenian mortality data, comparing two distinct methodologies (the WHO's AnaCOD3 mortality analysis tool and the German approach based on GBD coding), and continuing to collaborate on future recoding issues.



¹ This report is submitted by the grantee to the Action MC for approval and for claiming payment of the awarded grant. The Grant Awarding Coordinator coordinates the evaluation of this report on behalf of the Action MC and instructs the GH for payment of the Grant.