

# Related research by Cochrane teams

## Machine translation quality and post-editing

- Cochrane Russia conducted and published a study to [compare the quality of DeepL, Google Translate and Microsoft Translator machine translation](#).
- Cochrane Germany conducted a study to compare the quality of DeepL machine translation against SYSTRAN machine translation.
- As part of the Cochrane France collaboration with a Université Paris Diderot translation course, Hanna Martikainen published a study on [post-editing of neural machine translation in medical texts](#), and how it impacts on lexico-grammatical patterns in the translations.

## Supporting, training and motivating volunteer translators

- Cochrane Brazil developed training videos for volunteer translators based on the most common mistakes translators were making, and evaluated whether the training videos improved the quality of the volunteers' translations. The videos are available on [YouTube](#). (The study has not been published yet.)
- As part of the EU-funded [INTERACT project](#), Cochrane members contributed as volunteer writers and readability testers of Cochrane PLS to a PhD on simplifying, reading, and machine translating health content: <http://doras.dcu.ie/23124/>.
- Also, as part of INTERACT, a [case study of the management and training of volunteer translators](#) was conducted at Cochrane Germany.
- Cochrane Croatia conducted a study on the [motivation of their volunteer translators](#), and on [whether reminders increase the volunteers' engagement](#).
- Results from the INTERACT and Cochrane Croatia volunteer studies were presented in a [webinar](#).

## Translation quality

- Cochrane Malaysia started a collaboration with the Universiti Sains Malaysia's translation department to improve the quality and readability of their translations and to develop a quality framework for Malay.

## Dissemination and knowledge translation

- Cochrane Poland conducted a study to test the presentation of Cochrane evidence in different formats to different audiences. (The study has not been published yet.)
- Cochrane Croatia conducted two studies on Croatian podcasts, assessing the profile of their listeners, [what they think about Cochrane podcasts](#), and the [usage of Croatian podcasts](#).