

DeMT™ Estimate API

TAUS designed DeMT™ Estimate API to provide essential information on the quality of a given translation at segment level. Because our models can be customized with your data, the results match your organization for accuracy, tone, and authenticity.

The REST API can be plugged in at any point in a workflow and returns a score in real-time, allowing the following use cases:

- **Condition-based workflows**

Real-time quality prediction puts you in the driver's seat: you can set a threshold above which segments are good to go, to reduce time and money spent on PE.

- **Gather data over time to make informed business decisions**

Does a particular MT engine produce better output than another? Is a certain language pair consistently better translated through this or that engine? Now you know.

- **Track which type of content requires Post-Editing and which doesn't**

Gather data over time to find if an MT engine is consistently outperforming others for a certain content type or language pair, and route that content to the right engine.



High Accuracy

Scores are generated from state-of-the-art models like sentence embeddings and the COMET framework.



Custom

Models can be trained on your data to adapt to your own standards.



Fast & Scalable

Scores are returned in real-time. Handles any volume effectively.



Cost Effective

Plans start as low as 50 M. characters per month, with room to grow.

How it works

The API accepts a corpus of source and target segments (multiple targets per source segment are accepted), and gives back scores for each target segment:

1. TAUS QE Score: Proprietary AI system that evaluates how close in meaning two sentences are, and returns a score between 0-1. The higher, the better.

2. COMET Score: Neural framework for estimating translation quality; best when used in comparing outputs from multiple MT models.

3. Custom Score: Custom models can be trained with user-provided labeled data (continuous and discrete labels supported), e.g. "very good", "good", "light edit", "bad". Can be tailored to specific domains and/or language pairs.