

Quality prediction

Use good machine translations like
100% translation memory matches



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MISSION

Make quality translation
faster and cheaper

HOW TO MAKE QUALITY TRANSLATION FASTER AND CHEAPER

Beyond better machine translation

POST-EDITING

You send 100% to humans,
humans edit ___% of segments.

POST-EDITING

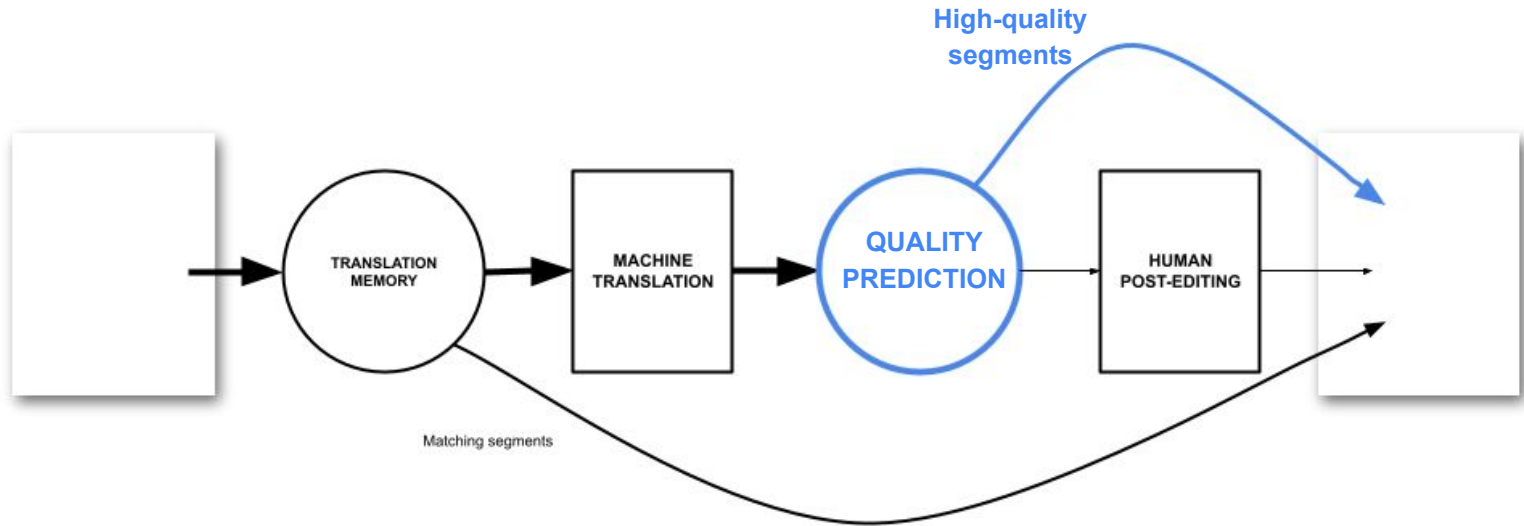
Humans **don't edit** ___% of segments.

POST-EDITING

Humans **don't edit** ___% of segments.

Can we predict which?

HOW IT WORKS



machinetranslate.org/hybrid-translation

“QUALITY ESTIMATION”

No human reference translation

source segment, target segment → score

USE CASES

POST-EDITING WORKFLOW

RAW MACHINE TRANSLATION

USE CASES

POST-EDITING WORKFLOW

RAW MACHINE TRANSLATION

Same quality,
faster and cheaper

USE CASES

POST-EDITING WORKFLOW

Same quality,
faster and cheaper

RAW MACHINE TRANSLATION

Better quality
(no “catastrophes”)

USE CASES

POST-EDITING WORKFLOW

Same quality,
faster and cheaper

90%
QUALITY
THRESHOLD

42%
SKIP
HUMANS

RAW MACHINE TRANSLATION

Better quality
(no “catastrophes”)

USE CASES

POST-EDITING WORKFLOW

Same quality,
faster and cheaper

90%
QUALITY
THRESHOLD

42%
SKIP
HUMANS

RAW MACHINE TRANSLATION

Better quality
(no “catastrophes”)

1%
QUALITY
THRESHOLD

99%
SKIP
HUMANS

RoI?

ROI

Skip humans for most of the
good machine translations

Adoption

EVOLUTION

1. In-house
2. API providers
3. TMS integrations

ADOPTION

Customer support

Technical documentation

Product titles and descriptions

PROVIDERS

	ENGINES	CUSTOMIZATION	ACCESS
KantantQES	only KantanMT	✓	only KantanStream
Omniscien CS/QE	only Omniscien	✓	✓ API
Memsources QE	all		only Memsources
ModelFront	all	✓	✓ API, TMS integrations

TMS INTEGRATION

	UNILATERAL	OFFICIAL
Memsorce	✓	✓ Memsorce QE
KantanStream		✓ KantanQES
Translate5	✓	✓ ModelFront
Crowdin	✓	✓ ModelFront
XTM	✓	
Lokalise	✓	
SDL Worldserver	✓	
SDL TMS		
MemoQ		

Questions?