

# Discussion: Repositioning DELPH-IN resources as annotated data for others

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August 7, 2017

Recall NeuGen results for AMR:

<b>data</b>	<b>dev</b>	<b>test</b>
GIGA-20M	33.1	33.8
GIGA-2M	31.8	32.3
GIGA-200k	27.2	27.4
AMR-only	21.7	22.0

Ioannis Konstas and I experimented with MRS:

- ▶ Redwoods 1214, top 1 only, using existing splits
- ▶ more gold data, but no data augmentation
- ▶ PENMAN-serialized DMRS
- ▶ NER and anonymization via Stanford NER
- ▶ compressed variable-properties

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<b>data</b>	<b>dev</b>	<b>test</b>
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Redwoods	63.5	60.0

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- ▶ Gold corpus size (train/dev/test)
  - ▶ AMR: 16,833 / 1,368 / 1,371
  - ▶ MRS: 77,821 / 5,661 / 11,133
- ▶ ...but no data augmentation for MRS
- ▶ Compositional vs not
- ▶ Predicate/concept ontology (e.g. decompositions)
- ▶ Coreference resolution
- ▶ quantification (scope, or at all)

So pitching DELPH-IN resources as direct competitors to other systems is unhelpful...

- ▶ lots of hedges and explanations of differences
- ▶ we don't do always do well on metrics not "designed for us"



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Why not advertise DELPH-IN resources as annotated data or an annotation methodology instead of as, e.g., a parsing methodology?

- ▶ follow recent success of SDP
- ▶ e.g., the primary product (for others) is the data, not the grammars or software

Is such a shift useful? Redundant or unnecessary at this point?

What could we do to support this cause?

- ▶ package scripts for data inspection, transformation
- ▶ provide a simpler train/dev/test split
- ▶ increase compatibility with external tools (e.g., NER, tokenization)
- ▶ increase availability / decrease learning curve of data
- ▶ ...