

Additional Construction Annotation Examples for AMR Dictionary Topic Have-Degree-91

Comparative Constructions with Have-degree-91

Have-degree-91

Arg1: attribute (e.g. tall)

Arg2: domain, entity characterized by attribute (e.g. girl)

Arg3: degree itself (e.g. more, less, equal)

Arg4: compared-to (e.g. (than the) BOY)

Arg5: consequence, result of degree (e.g. (not tall enough) TO RIDE THE ROLLERCOASTER)

Note: annotators are encouraged to use have-degree-91 as the root concept (as opposed to the adjective with a particular degree, or the entity characterized by that adjective) when a comparison seems to be the main focus of the sentence.

The girl is taller than the boy.

(h / have-degree-91

:ARG1 (t / tall)

:ARG2 (g / girl)

:ARG3 (m / more)

:ARG4 (b / boy))

Texas is the second largest state in the U.S.

(h / have-degree-91

:ARG1 (l / large)

:ARG2 (s / state

:domain (s2 / state :wiki "Texas" :name (n / name :op1 "Texas"))

:ARG3 (m / most

:ord (o / ordinal-entity :value 2))

:ARG4 (c / country :wiki "United States" :name (n2 / name :op1 "U.S.)))

He runs as fast as lightning.

(r / run-02

:ARG0 (h / he)

:manner (f / fast

:ARG1-of (h2 / have-degree-91

:ARG2 h

:ARG3 (e / equal)

:ARG4 (l / lightning))))

He bought as much beer as he could carry.

(b / buy-01

:ARG0 (h / he)

:ARG1 (b2 / beer
:quant (q / quantity
:ARG2-of (h2 / have-degree-91
:ARG3 (e / equal)
:ARG4 (q2 / quantity
:ARG1-of (c / carry-01
:ARG0 h
:ARG1-of (p / possible-01))))))

And the city decided to treat its guests more like royalty or rock stars than factory owners.

(a / and
:op2 (d / decide-01
:ARG0 (c / city)
:ARG1 (t / treat-01
:ARG0 c
:ARG1 (g / guest
:poss c)
:ARG2 (o / or
:op1 (r / royalty)
:op2 (s / star
:mod (r2 / rock)
:ARG1-of (h / have-degree-91
:ARG2 g
:ARG3 (m / more)
:ARG4 (p / person
:ARG0-of (o2 / own-01
:ARG1 (f / factory))))))

They dance more like the natives here than like normal people.

(i.e. the manner of their dancing resembles the manner of natives' dancing; this resemblance has a degree of "more" in comparison to the resemblance between the manner of their dancing and the manner of normal people's dancing.)

Option A) full, all aspects fleshed out

(r / resemble-01
:ARG1 (m / manner
:ARG2-of (h / have-manner-91
:ARG1 (d2 / dance-01
:ARG0 (t3 / they))))
:ARG2 (m2 / manner
:ARG2-of (h2 / have-manner-91
:ARG1 (d3 / dance-01
:ARG0 (n / native
:location (h5 / here))))))

:ARG1-of (h3 / have-degree-91
 :ARG3 (m3 / more)
 :ARG4 (r2 / resemble-01
 :ARG1 m
 :ARG2 (m4 / manner
 :ARG2-of (h4 / have-manner-91
 :ARG1 (d4 / dance-01
 :ARG0 (p / person
 :mod (n2 / normal))))))

Option B) no repetition of dimension of comparison (like normal treatment of tall) -- or should this drop everything and just use normal person?

(r / resemble-01
 :ARG1 (m / manner
 :ARG2-of (h / have-manner-91
 :ARG1 (d2 / dance-01
 :ARG0 (t3 / they))))
 :ARG2 (m2 / manner
 :ARG2-of (h2 / have-manner-91
 :ARG1 (d3 / dance-01
 :ARG0 (n / native
 :location (h5 / here))))))
 :ARG1-of (h3 / have-degree-91
 :ARG3 (m3 / more)
 :ARG4 (m4 / manner
 :ARG2-of (h4 / have-manner-91
 :ARG1 (d4 / dance-01
 :ARG0 (p / person
 :mod (n2 / normal))))))

Option C) with have-degree-91 at top (full):

(h3 / have-degree-91
 :ARG1 (r / resemble-01
 :ARG1 (m5 / manner
 :ARG2-of (h / have-manner-91
 :ARG1 (d2 / dance-01
 :ARG0 (t3 / they))))
 :ARG2 (m2 / manner
 :ARG2-of (h2 / have-manner-91
 :ARG1 (d3 / dance-01
 :ARG0 (n / native
 :location (h5 / here))))))
 :ARG2 (a / and
 :op1 t3
 :op2 n)
 :ARG3 (m3 / more)
 :ARG4 (r2 / resemble-01

:ARG1 m5
:ARG2 (m4 / manner
:ARG2-of (h4 / have-manner-91
:ARG1 (d4 / dance-01
:ARG0 (p / person
:mod (n2 / normal))))))

They dance wildly, more like the natives here than like normal people.

(d2 / dance-01
:ARG0 (t3 / they)
:manner (w / wild
:ARG1-of (r / resemble-01
:ARG2 (m2 / manner
:ARG2-of (h2 / have-manner-91
:ARG1 (d3 / dance-01
:ARG0 (n / native
:location (h5 / here))))))
:ARG1-of (h3 / have-degree-91
:ARG3 (m3 / more)
:ARG4 (r2 / resemble-01
:ARG1 m
:ARG2 (m4 / manner
:ARG2-of (h4 / have-manner-91
:ARG1 (d4 / dance-01
:ARG0 (p / person
:mod (n2 / normal))))))

Degree-Consequence Constructions with Have-degree-91

Now the wrist units at the local drugstores come with a read-outbox that is too wide for my 5 1/2 inch wrist.

Note: The primary relation of the Consequence argument may be elided or unspecified, as it is here. Annotators should introduce the most logical relation fitting with the context, here “fit:”

(c / come-01
:ARG1 (u / unit
:mod (w / wrist)
:location (d / drugstore
:mod (l / local)))
:time (n / now)
:accompanier (o / outbox
:mod (w2 / wide
:ARG1-of (h / have-degree-91
:ARG2 o
:ARG3 (t / too)
:ARG5 (f / fit-01 :polarity -

:ARG1 o
:ARG2 (w3 / wrist
:part-of (i / i)
:mod (d2 / distance-quantity :quant 5.5
:unit (i2 / inch))))))
:instrument-of (r / read-01)))

It is too early to reach any conclusion as to the motive and identity of the attackers.
Note: Annotators may need to introduce :polarity -, and should carefully consider where to place this marker (as always). Here, :polarity - is introduced on the concept “possible” (i.e., *it is too early, THEREFORE, it cannot be concluded...*).

(h / have-degree-91
:ARG1 (e / early)
:ARG3 (t / too)
:ARG5 (p2 / possible :polarity -
:domain (c2 / conclude-01
:ARG1 (a / and
:op1 (m / motive
:poss (p / person
:ARG0-of (a2 / attack-01)))
:op2 (i / identity
:poss p))))))

Related Topic: The Xer The Yer Constructions

Note: while semantically related, The Xer the Yer Construction is most accurately captured by a roleset specific to the semantics of the construction: correlate-91.

Correlate-91

Specific type of correlation expressed by the X-er the Y-er construction.

Arg1: X, Topic, first item changing in relation to another

Arg2: Y, second item Arg1 is changing in relation to

(a3 / and
:op1 (w / want-01 :polarity -
:ARG0 (i / i)
:ARG1 (m / miserable
:domain i)
:time (a / anymore))
:op2 (c / correlate-91
:ARG1 (b2 / be-located-at-91
:ARG1 (h / he)
:ARG2 (a2 / around)
:time (l / long
:degree (m4 / more)))
:ARG2 (m2 / miserable

:degree (m3 / more)
:domain i))