**Quantification Annotation Challenge: Test sentences**

*Participation in the Quantification Annotation Challenge:* There are two ways in which you can participate in this challenge: either at the level of annotation (only), or at the level of annotation plus interpretation.

*Annotation-level participation:* Please provide annotations for some or all of the test sentences below, using the QuantML markup language as specified in the background documents, if possible. Also, if possible, use the markables specified for each sentence. If you think other markables should be used, or other annotation components than those provided in QuantML, feel free to do so and please write this up in a project note. If you see interesting variations of the test sentences listed here, which would bring relevant problems for the annotation (or annotation interpretation), then that would be welcome too - with an explanation in your project note. Please submit your annotations as ‘supplementary material’ together with your project note, as facilitated on the workshop submission site. Any readable form for your annotations will do: as plain text, as a pdf, as Word, as XML,…

*Annotation-plus-interpretation participation:* As above, but in addition to providing annotations also provide the semantics for these annotations. To do this, you will need to study the background documents in considerable detail. You can also do this for just a couple of test sentences, leaving the semantics of the more straightforward cases aside.

**Annotation guidelines**

* In annotating the sentences from the list below, disregard tense (following the recommendations of Bos & Abzianidze, 2019, *Thirty Musts for Meaning Banking*)
* The particular set of semantic roles used in annotations and interpretations in the neo-Davidsonian style of QuantML are of little concern in this task. It is recommended to follow ISO 24617-4, Semantic Roles in using the slightly amended LIRICS role set (see also Bonial et al. 2011, Bunt & Palmer 2012), which includes the roles Agent, Theme, Patient, Pivot, Instrument, Beneficiary, Goal (non-locational) and Destination.
* For dealing with the deictic personal pronouns “I” and “you”, assume the availability of the predicates “speaker” and “addressee”.
* Assume anaphoric possessive pronouns to have been resolved, so e.g. “Mary and her husband” is treated as “Mary and Mary’s husband”.

The current version of the working draft in preparation of an ISO standard for quantification annotation can be consulted at [WD\_24617-12\_Quantification\_54P](https://sigsem.uvt.nl/isa17/WD_24617-12_Quantification_54P.pdf)

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**Test sentences**

1. Some of the students failed the exam.

*Markables:* m1=Some of the students, m2=students, m3=failed, m4=the exam, m5=exam

2. The chairman welcomed the committee members to the meeting.

*Markables:* m1=The chairman, m2=chairman, m3=welcomed to, m4=the committee members, m5=committee members, m6=the meeting, m7=meeting

3. Are the Marx Brothers famous?

*Markables:* m1=Are famous, m2=the Marx Brothers

4. a. Have you [sing] finished the assignment?

*Markables:* m1=Have finished, m2=you, m3=the assignment, m4=assignment

b. Have you [plur] finished the assignments?

*Markables:* m1=Have finished, m2=you, m3=the assignments, m4=assignments

5. The editors didn’t see a misprint.

*Markables:* m1=The editors, m2=editors, m3=see, m4=a misprint, m5=misprint

6. Bert and Alice own an apartment in Acapulco.

*Markables:* m1=Bert, m2=Bert and Alice, m3=Alice, m4=own, m5=an apartment, m6=an apartment in Acapulco, m7=apartment, m8=in Acapulco

7. A man who walks in the park whistles.

*Markables:* m1=A man, m2=A man who walks in the park, m3=who walks in the park, m4=walks, m5=the park, m6-whistles

8. Mary visits a museum every day.

*Markables:* m1=Mary, m2-visits, m3-a museum, m4=museum, m5=every day, m6=day

9. Some people visited the museum in Amsterdam two or three times.

*Markables:* m1=Some people, m2=people, m3=visited, m4= the museum in Amsterdam, m5= museum in Amsterdam, m6=museum, m7= in Amsterdam, m8=Amsterdam, m9=two or three times

10. Anne needed to sneeze twice.

*Markables:* m1=Anne, m2=needed, m3=sneeze, m4=twice

11. Not all the students passed the exam.

*Markables:* m1=all the student, m2=students, m3=passed, m4=the exam, m5=exam

12. Most of the students passed the exam.

*Markables:* m1=most of the student, m2=most, m3=students, m4=passed, m5=the exam, m6=exam

13. Two of the five judges checked all the evidence three times.

*Markables:* m1= Two of the five judges, m2=the five judges, m3=judges, m4=all the evidence, m5=evidence, m6=three times

14. Only elderly men and women participate in these exercises.

*Markables:*

a) m1=elderly men and women, m2=men and women, m3=men, m4=women, m5=participate in, m6=these exercises, m7=exercises

b) m1=elderly men, m2=elderly men and women, m3=men, m4=women, m5=participate in, m6=these exercises, m7=exercises

15. Alex donated two of his books.

*Markables:* m1=Alex, m2=donated, m3=two of his books, m4=his, m5=his books, m6=books

16. I didn’t know that Mary’s car broke down.

*Markables:* m1=I, m2=know, m3=Mary, m4=Mary’s, m5= Mary’s car , m6=Mary’s car broke down, m7=’s, m8=car, m9=broke down

17. The headmaster’s childrens’ toys have disappeared.

*Markables:* m1=The headmaster, m2=The headmaster’s, m3- The headmaster’s children, m4=The headmaster’s childrens’, m5=The headmaster’s childrens’ toys, m6=headmaster, m7=headmaster’s, m8=’s, m9=children, m10=childrens’, m11=s’, m12=toys

18. These machines combine 12 parts.

*Markables:* m1=These machines, m2=machines, m3=combine, m4=12 parts, m5=parts

19. TWO committee members came in. [emphasis on “two”]

*Markables:* m1=Two, m2= Two committee members, m3= committee members, m4=came in

20. The boys carried the boxes upstairs.

*Markables:* m1=Two boys, m2=boys, m3=carried upstairs, m4=the boxes, m5=boxes

21. A train leaves to Boston every hour.

*Markables:* m1= A train, m2=train, m3=leaves to, m4= Boston, m5=every hour, m6=hour

22. William, have you finished your assignment?

*Markables:* m1=William, m2=have finished, m3=you, m4=your, m5=your assignment, m6=assignment

23. Have you all finished your assignments?

*Markables:* m1=Have finished, m2=you all, m3=your assignments, m4=assignments

24. The women did not smile.

*Markables:* m1=The women, m2=women, m3=did not, m4=smile

25. Hong Kong reports twenty-three new corona virus infections.

*Markables:* m1=Hong Kong, m2=reports, m3= twenty-three new corona virus infections, m4=new, m5=new corona virus infections, m6=corona, m7= corona virus, m8=corona virus infections, m9=virus, m10=infections

26. One of my farmers adopted four moneys from Senegal.

*Markables:* m1=One of my farmers, m2=my, m3=my farmers, m4=farmers, m5=adopted, m6=four monkeys from Senegal, m7= monkeys from Senegal, m8=monkeys, m9=from, m10=from Senegal, m11=Senegal

27. Anne found an apartment with a balcony that overlooks the main square.

*Markables:*

m1=Anne, m2=found, m3=an apartment with a balcony that overlooks the main square, m4=apartment with a balcony that overlooks the main square, m5=apartment, m6=with a balcony that overlooks the main square, m7=a balcony that overlooks the main square, m8=balcony, m9=balcony that overlooks the main square, m10=that overlooks the main square, m11=overlooks, m12=the main square, m13=main square, m14=main, m15=square

28. There’s debris everywhere.

*Markables:* m1=There’s, m2=debris, m3=everywhere

29. Every man loves his brothers

*Markables:* m1=every men, m2=men, m3=loves, m4=his, m5=his brothers, m7=brothers

30. Every man loves his mother.

*Markables:* m1=every men, m2=men, m3=loves, m4=his, m5=his mother, m7=mother

31. More than four hundred ships are waiting to pass through the Suez Canal.

*Markables:* m1=more than four hundred, m2= more than four hundred ships, m3=ships, m4=are waiting, m5=to pas throughs, m6=to pass through the Suez Canal, m7=the Suez Canal