The Kite of Dany-ness

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1   Introduction

The kite framework represents the concepts of closed lexical fields on geometrical figures in order to discuss the logical relations that hold between these concepts.[1] In doing so, it makes certain predictions on lexicalisation constraints (Jaspers, 2012; Seuren & Jaspers, 2014). More specifically, when mapping the lexical field onto a logical hexagon, the same two corners never receive lexicalisation. After briefly discussing the framework in Section 2, we will show that Dany's personality adheres to the same restrictions in Section 3. As such, the predictions made by the kite framework extend beyond language into the domain of human existence and free forms of psycho-analytic explanation.[2]

2   The Kite Framework

The kite framework goes back to the logical square of Boethius, which is shown in Fig. 1 representing the quantifiers of natural language. The square can be split up into two subuniverses: a positive one, with a universal affirmative (*all*) and a particular affirmative (*some*); and a negative one, with a universal negative (*no*) and a particular negative (*not all*).
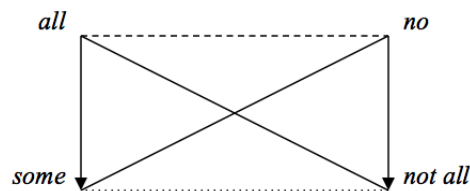

Figure 1: The square of opposition: quantifiers

Between the corners, the different lines represent the logical relations exemplified in (1) (Jaspers 2012).

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[2]Unfortunately, the form as presented here is not (yet) officially recognised by the entire field of psychology/medicine.

(1)   a.   Entailment (arrows):
      E.g.: If *all* students are fans of Dany, then *some* students are fans of Dany.

      b.   Contradiction (full lines):
      E.g. '*All* students are fans of Dany' and '*No* students are fans of Dany' cannot be true or false at the same time.[3]

      c.   Contrariety (dashed line):
      E.g. '*All* students are fans of Dany' and '*No* students are fans of Dany' cannot be true at the same time, but they can be false at the same time, i.e. when only *some* students are fans of Dany.

      d.   Subcontrariety (dotted line):
      E.g. '*Some* students are fans of Dany' and '*Not all* students are fans of Dany' can both be true at the same time, but they cannot be false at the same time.

It has long been noted that the quantifier *some* can be ambiguous. Consider the following sentences:

(2)   If *some* students pass the test, Dany will be proud.

(3)   *Some* students have passed the test.

Some in (2) can also refer to *all*, since Dany will still be proud if all of them pass the test. It is therefore also called the 'inclusive *some*', since it can include *all* (Roelandt 2016, 108). If all students passed the test, the sentence in (3) would be false, since here *some* does not mean *all*. This is called the 'exclusive *some*'.

   Jacoby (1950, 1960), Sesmat (1951) and Blanché (1952) attribute this difference to the existence of two different quantifiers *some*: an inclusive and an exclusive one (Jaspers 2012; Seuren & Jaspers 2014). Therefore, they extend the square to a hexagon, which now includes both kinds of *some* and contradictories to each of them.
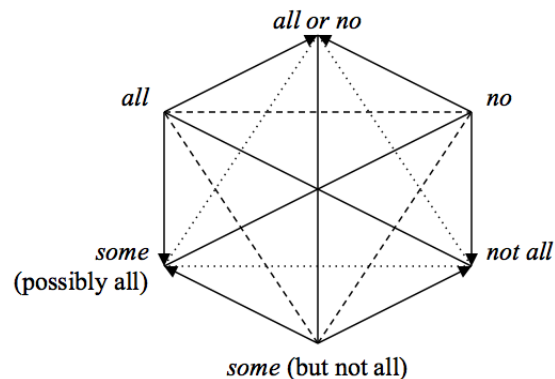

Figure 2: The hexagon: Quantifiers

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[3]Note that the latter, 'No students are fans of Dany', cannot be true in any case, as in reality, the students are always fans of Dany. The examples above are purely hypothetical to illustrate the relations.

This hexagon now shows all the logically possible distinctions in the conceptual field of quantifiers and the relations that hold between them. However, Jaspers (2005, 2012) and Seuren & Jaspers (2014) have noted that not all of the corners on the hexagons can be lexicalised: *not all* and *all or no* cannot be lexicalised by a single morpheme.[4] Omitting these two corners from the hexagons in Fig. 2 results in the kite.
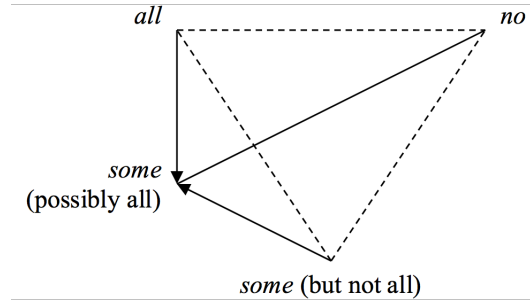

Figure 3: The kite: Quantifiers

The kite accounts for all the lexicalisable distinctions in natural language within the conceptual field of quantifiers and correctly rules out the unlexicalisable concepts.

This constraint on lexicalisation has been shown to apply to quantifiers as demonstrated above, to the predicate calculus logical operators *and, or, nor*, and to binary lexical fields with an overarching hyperonym that can be split up into subdomains, for example 'human' as an overarching lexical predicate for 'man' and 'woman', by Seuren & Jaspers (2014). It has also been applied to colour perception terms in Jaspers 2012 and extended for adjectives by Roelandt (2016). In all these cases, when mapping the lexical field onto the hexagon, the same two corners do not receive a simplex lexicalisation. In what follows, we will show that the same holds for the concepts making up Dany's personality.

3 The Derivation of the Dany Kite

After years of careful inspection of Dany's behaviour (both in the office and in the outside world), we were able to identify his four main personality traits, which are (i) *enthusiasm*, (ii) *mystical insight*, (iii) *utter chaos* and (iv) *being a bowling Superstar*. Fig. 4 shows how Dany's defining personality traits can be mapped onto a logical hexagon. The concepts that then correspond to the *not all* and *all or no* corners for the quantifier hexagon discussed above, are indeed concepts that do not match up with Dany's inner self. As such, the restriction on lexicalisation predicted by the kite framework holds.

The concepts in each corner are explained below, after which we will explain how they relate to each other.

[4]For *not all*, this was already observed by Tomas Aquinas and later generalised by Blanché (1953, 1966).
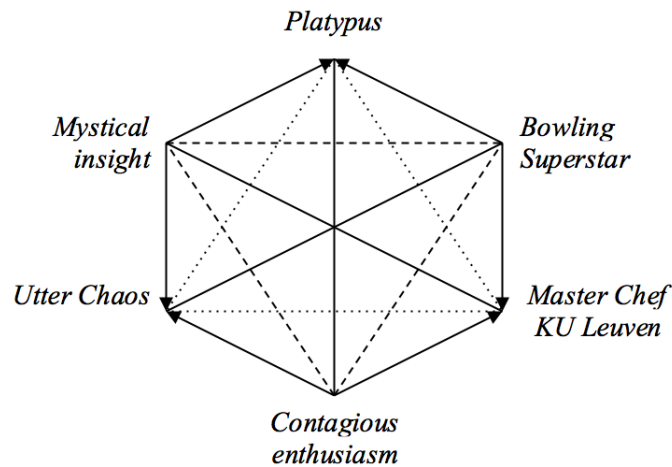
Platypus

        *Mystical   Bowling
         insight*   *Superstar*

    Utter Chaos   *Master Chef
                                                KU Leuven*

                          *Contagious
                          enthusiasm*

Figure 4: The Dany Hexagon

(4)   **Enthusiasm**:
       a.   When Dany manages to snag down an unsuspecting bystander, he will
             easily convert him to the religion of Kiteness in one enthusiastic dinner
             date.
       b.   See a.o. Roelandt (2016), Biberauer forthcoming, Sonnaert forthcoming.

(5)   **Mystical insight**:
       a.   Often during the weekly CRISSP Brainstorm Session (CBS), on a com-
             pletely unrelated topic, Dany will get seemingly distracted and before we
             all realise it, he has solved the most urgent issues of the universe.
       b.   See Jaspers (2015, 328) on the fourth dimension called the space-time
             continuum.[5]

(6)   **Utter chaos**:
       Case in point: Dany's file organization on his multiple Macs.

(7)   **Bowling Superstar**:
       a.   Though not immediately related to his academic qualities (therefore re-
             siding in the negative universe of the hexagon), Dany is quite the bowling
             enthusiast who will not give up until yet another strike entails the downfall
             of his fellow CRISSP members.
       b.   See CRISSP End of Year Event (EYE) 2016.

(8)   ***Platypus** (see Fig. 5):
       a.   It is commonly known that platypuses are antisocial animals. This cannot

       _____
       [5]Upon retirement, we would like to advise Dany to consider a script writing position for *Back to the
       future V*.

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be said of Dany, who happily tags along to the coffee room for a friendly chitchat, has a huge talent for making newcomers feel at ease, and is always curious to hear about someone else's weekend adventures (and is likewise eager to talk about his own).

b. Also, platypuses do not care a rat's backside about the inner world and most delicate emotions of their fellow platypi (nor any other animate).[6]

Figure 5: Platypus (Retrieved from http://www.smh.com.au)

(9) *Master Chef KU Leuven:
a. One of the many qualities of a Master Chef is staying right on top of the current events. For example, you cannot put the lasagna in the oven if you are still whisking the béchamel sauce. In Dany's case, his genius mind will still be sorting through the coq au vin from yesterday's events when tonight's guests are already starving because the lasagna is taking so long.
b. Evidence for this are the many restaurants whom Dany has befriended over the years, whilst hardly seeing the inside of his own kitchen, and the lack of friendship between Gordon Ramsey and Dany himself.[7]

The way these concepts map onto the hexagon explains the logical relations that hold between them. Consider for example the entailment relations to the 'utter chaos' corner: as Dany has proven to us many times, both his mystical insight and his contagious enthusiasm entail the utter chaos that makes up a large chunk of his thinking. A star example for the contradictions in Dany's personality is the one between this said utter chaos and the superstar bowling skills. Dany's chaotic mind is in strong contradiction with his superstar bowling skills, as one has to be excluded for the other to emerge. The reason for this is that a superstar bowler thinks in straight lines, as opposed to the Brussels metro network that makes up Dany's chaotic academic mind. The same re-

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[6]Interestingly, a more colloquial term for 'rat's backside' is the most commonly used phrase in the local platypus dialect.

[7]Note that in normal circumstances, due to the un-platypus-like nature of Dany's social capabilities (see (8)), this would not be an issue and they would most likely have monthly sauna dates by now.

lation of contradiction holds for his mystical insight and lack of Masterchef future, as a Masterchef with mystical insight will only create cakes of metaphysics, which have been proven to be rather tasteless and therefore unfit for cooking competitions. As for the last contradiction in the hexagon, even though a platypus may appear cute, 'enthusiastic' is the last word you would use to describe them, as they simply have nothing to be enthusiastic about.[8] The triangle of contrariety is made up of Dany's mystical insight, enthusiasm and super bowling skills. For example, if you take the mystical insight and enthusiasm out of Dany, you are left with the essence of a super bowler. The triangle of subcontrariety is made up by the utter chaos, platypus and Master chef. It needs no explanation that a combination of these skills results in the tsunami of a lifetime, and as such, we will not discuss this any further.

Imposing the restriction predicted by the kite, results in the following Figure.
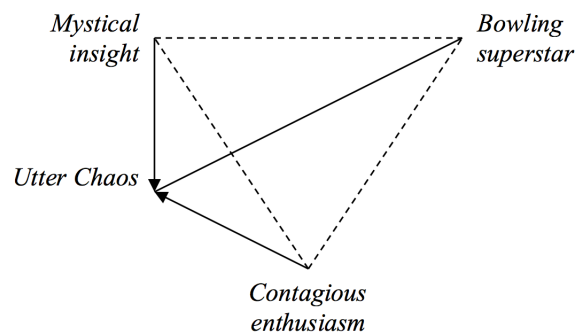

Figure 6: The Dany Kite

Platypus is correctly excluded as a possible personality trait of Dany: as mentioned before, Dany is too enthusiastic and sociable to be a platypus. Also, even though platypuses are mammals that lay eggs and therefore have birdlike properties, they certainly cannot fly and are therefore incompatible with a kite. *Master Chef KU Leuven* is excluded too, which correctly accounts for the facts described in (9). As such, the derived kite presents exactly the essence of Dany's being and excludes incompatible personality traits as these are unnatural and simply not Dany.

4   Conclusion

In this blurb we have demonstrated that Dany was the perfect scholar to introduce the kite framework to the world, as the President of CRISSP himself is shaped by it.

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[8]We are of course referring to the pending doom that is crocodiles.

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