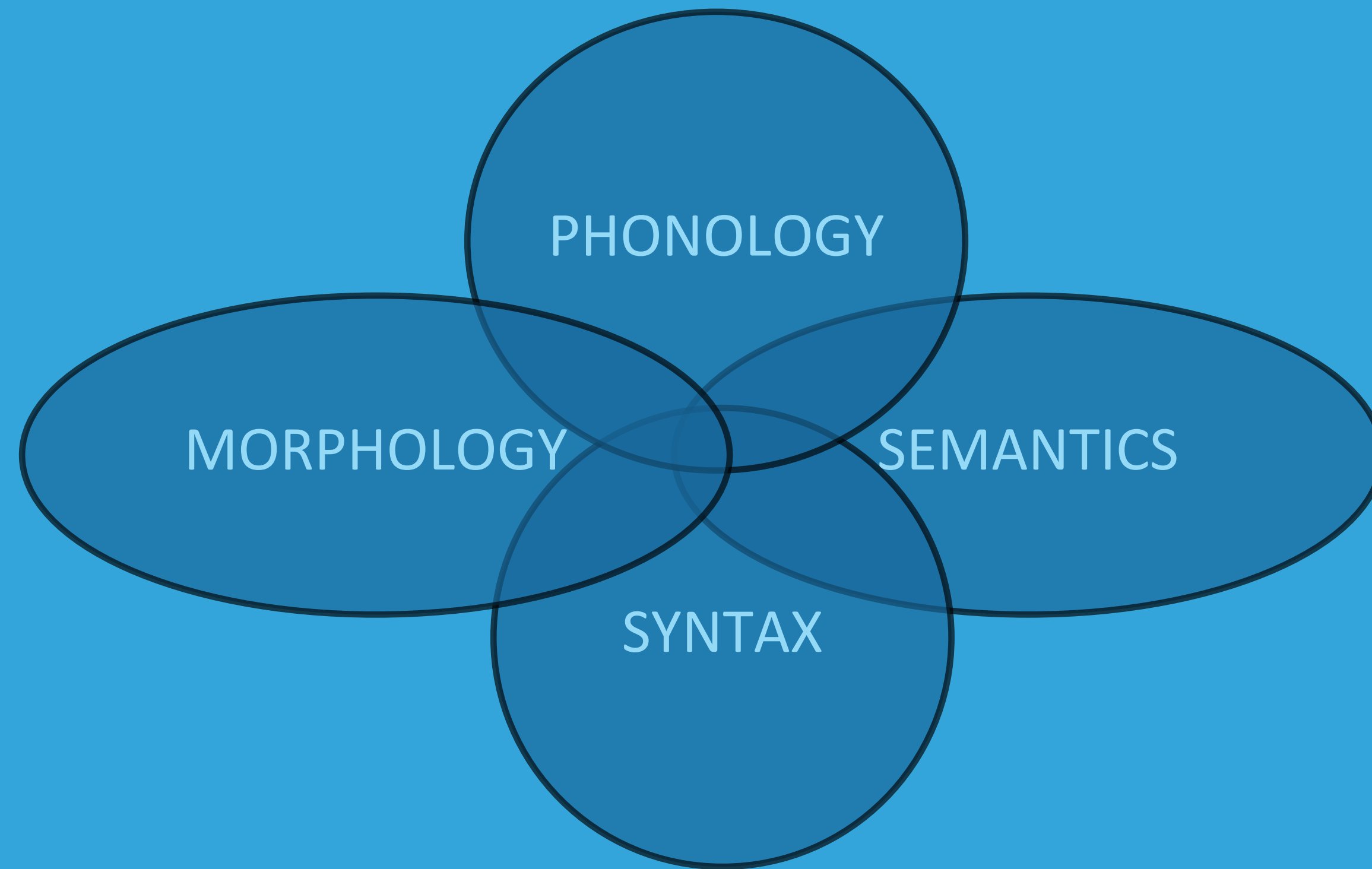


CAFÉ TAL

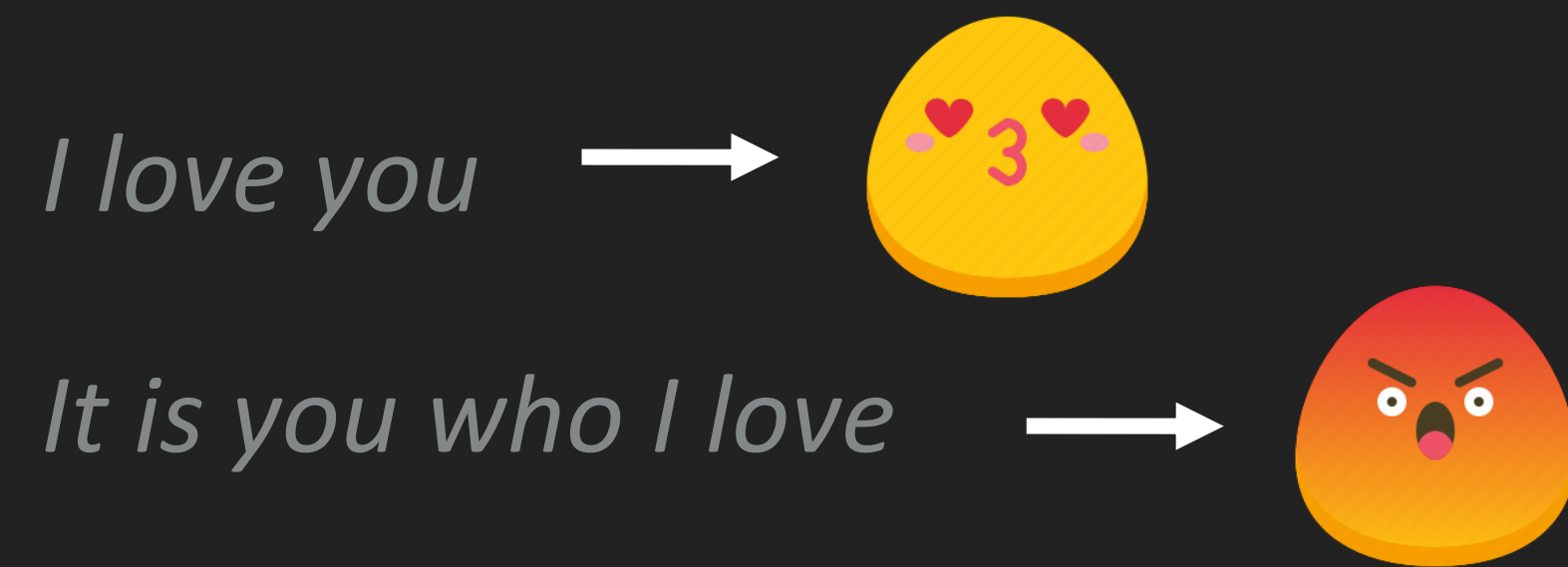
EXPECTATION-BASED CONCEPTUAL SCHEMAS EXTRACTION:
AN APPLICATION OF THE THEMATIC PROGRESSION THEORY

PRAGMATICS



- ▶ Thematic Progression theory
- ▶ Thematic theory





THEMATIC THEORY

- ▶ In descriptive and narrative texts, known information, or *theme*, is consensually described to be positioned at the *beginning of sentences*. By contrast, the phrases containing the informative contribution of the sentence, also known as *rheme*, tend to be located *further to the right*.

The general theory of relativity (or general relativity for short) explains gravity based on the way space can 'curve', or, to put it more accurately, it associates the force of gravity with the changing geometry of space-time.

THEMATIC PROGRESSION THEORY

The thematic progression is the choice and arrangement of discourse themes, their concatenation, hierarchy and relation with the topics of texts (Daneš 1974: 114).

- ▶ Linear progression: the rheme of one sentence is the theme of the next sentence.
- ▶ Constant progression: a theme is repeated over several sentences.
- ▶ Derived progression: several topics are derived from the same inferred *hypertheme*.

The combination of them can lead to thematic progressions of higher levels of abstraction, such as the split rheme progression, which consists of the existence of a complex rheme, whose hyponyms and meronyms are themes of the next sentences.

THEMATIC PROGRESSION THEORY

Memes reproduce by copying from a nervous system to another one, either by communication or imitation. Imitation often involves the copying of an observed behavior of another individual. Communication may be direct or indirect, where memes transmit from one individual to another through a copy recorded in an inanimate source, such as a book or a musical score. Adam McNamara has suggested that memes can be thereby classified as either internal or external memes (i-memes or e-memes).

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T1 → HR_1

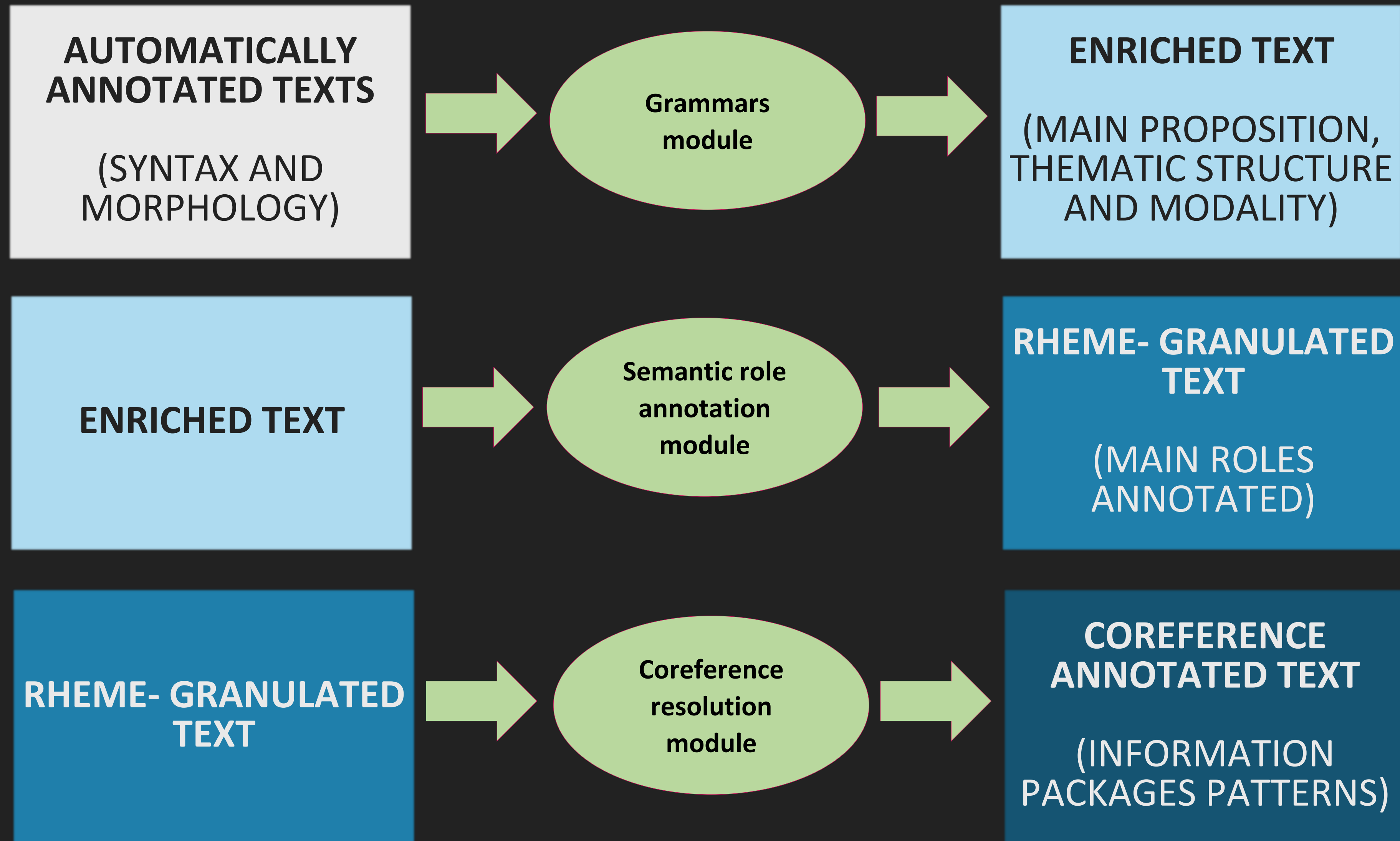
HR_1_1 → R2

HR_1_2 → R3

T1 → R4

THEMATIC PROGRESSION THEORY

→ Communication and imitation are two ways of meme reproduction by copying from a nervous system to another one. The copying of an observed behavior of another individual is often involved in imitation. Through a copy recorded in an inanimate source, such as a book or a musical score, memes are transmitted from one individual to another, being the communication direct or indirect. Adam McNamara has suggested that internal and external memes (i-memes and e-memes) are two types of memes.



THEMATIC ANNOTATION

- ▶ Sentences involving more than one proposition with different syntactic status:
*The suspicion that it was his son who **organized** the party **led** him to **punish** him.*
- ▶ Coordination and juxtaposition:
*The resolution **will be published** via the corresponding channels **but** the affected parties **will not be notified**.*
- ▶ Modality:
*“Fishing will be regulated from September”, the president **declared**.*
- ▶ Lexical semantics properties:
*The **issue of disability pensions** is a priority for the current government.*

THEMATIC ANNOTATION

- ▶ Cleft sentences:

It was in Rome where I first met him.

- ▶ Pseudo-cleft sentences:

The cassoulet is what I ordered.

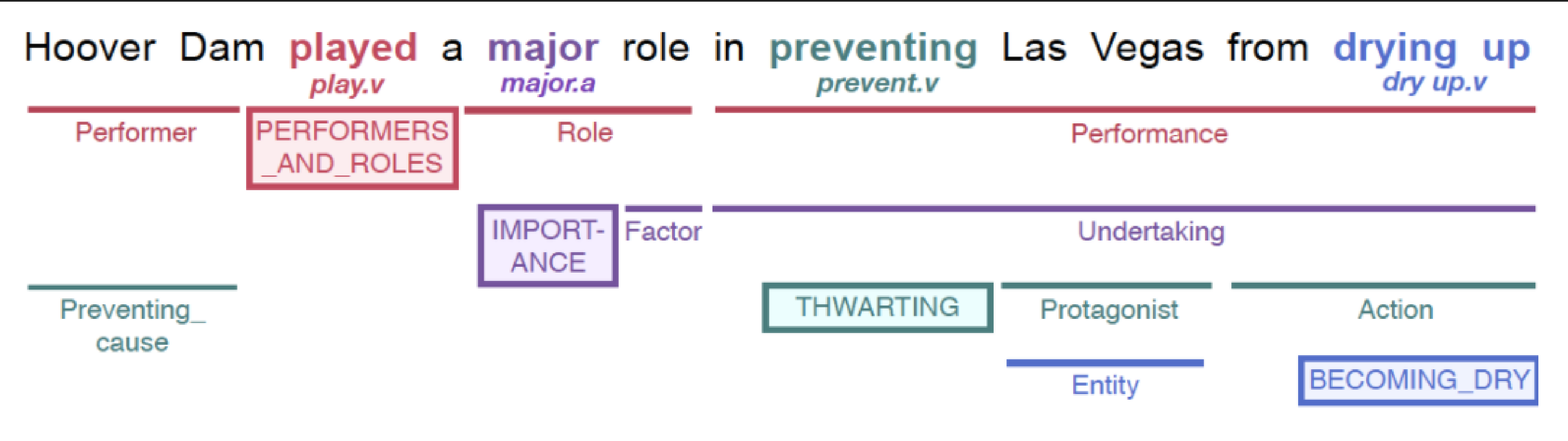
- ▶ Ecuanditional sentences:

If someone could help me, it would be you.

- ▶ Frame setters:

Concerning its potential therapeutic application, it is difficult to predict the outcomes.

SEMANTIC ROLE LABELLING



	FN 1.5 Dev	FN 1.5 Test	FN 1.5 Models	FN 1.7 Dev	FN 1.7 Test	FN 1.7 Models
Target ID	79.85	73.23	Download	80.26	73.25	Download
Frame ID	89.27	86.40	Download	89.74	86.55	Download
Arg ID	60.60	59.48	Download	61.21	61.36	Download

Thank you for your
attention!