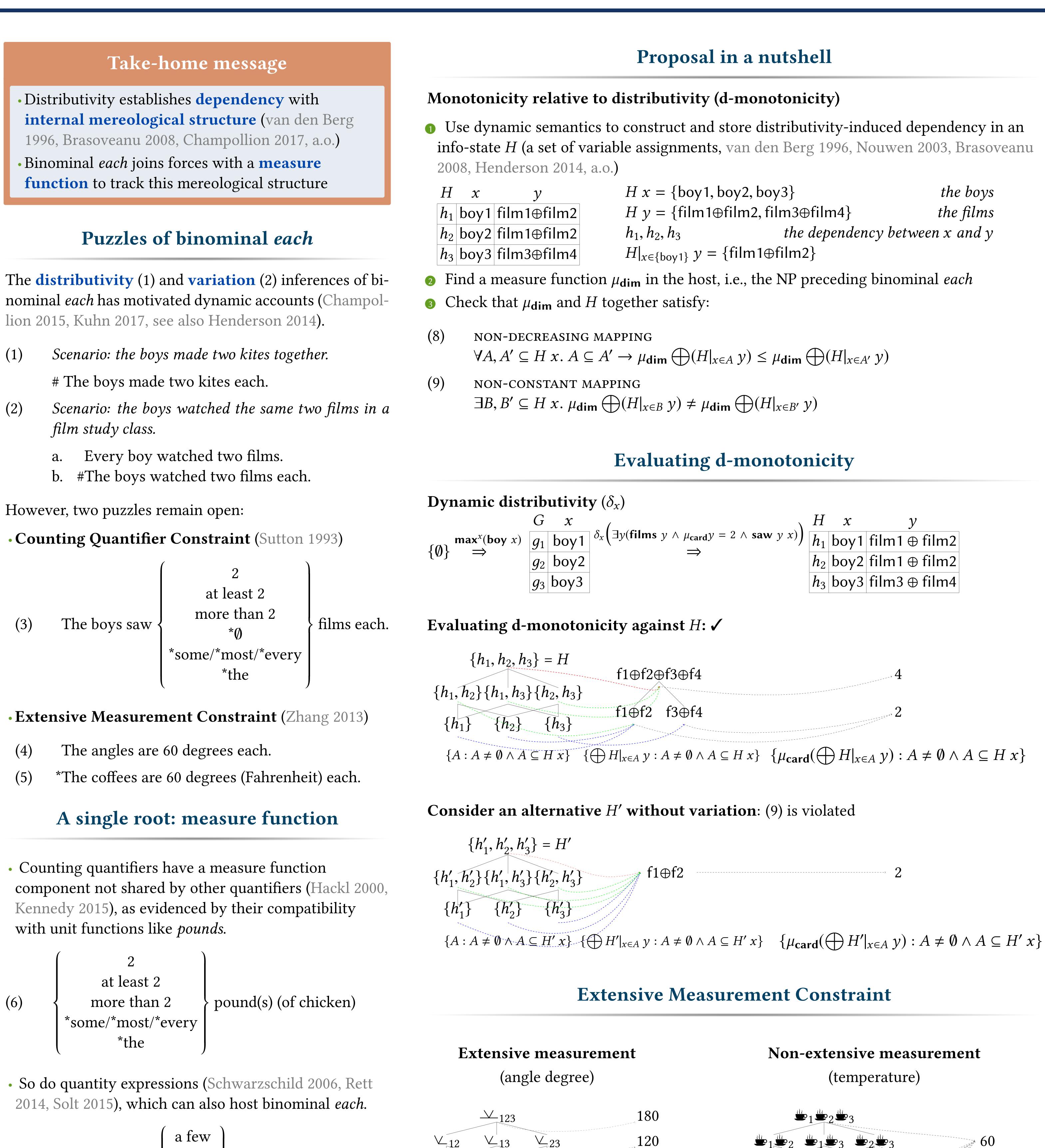


- 1996, Brasoveanu 2008, Champollion 2017, a.o.)
- Binominal *each* joins forces with a **measure function** to track this mereological structure

lion 2015, Kuhn 2017, see also Henderson 2014).

- (1)
- (2)film study class.

However, two puzzles remain open:



 L_2

• Counting quantifiers have a measure function

		2	
		at least 2	
(6)	4	more than 2	<pre>pound(s) (of chicken)</pre>
		*some/*most/*every	
		the	

		a few	
(7)	The boys saw {	many	films each.
		a lot of	

Monotonicity in distributivity with binominal each

Jess H.-K. Law Rutgers, The State University of New Jersey

the boys the films the dependency between x and y

`)	H	X	${\mathcal{Y}}$
$\mathbf{w} y x)$	h_1	boy1	y film1 \oplus film2
	h_2	boy2	film1⊕ film2
	h_3	boy3	film3 ⊕ film4

60

60

(9) is violated

Extensive Measurement Constraint still holds when a measure phrase has a modified numeral, thanks to (8).

(10)a. b.

Binominal *each*

of taking split scope (Charlow to appear)

• attaches to the measure function component of a host • turns the host into a higher order dynamic GQ capable

 $(e \rightarrow t) \rightarrow m \rightarrow Q$ two Basic types entities

assignment degrees truth values

• The basic meaning of the host is reconstructed inside the scope of a distributivity operator (to the Q position). • D-monotonicity is introduced outside the scope of the distributivity operator.

• A pair of indices are used to retrieve the values stored in the dependency anaphorically (see Dotlačil 2012, Safir & Stowell 1988 for similar claims).

 $(\mathbf{Q} \rightarrow \mathbf{t}) \rightarrow \mathbf{t}$ two films each_{x,v}

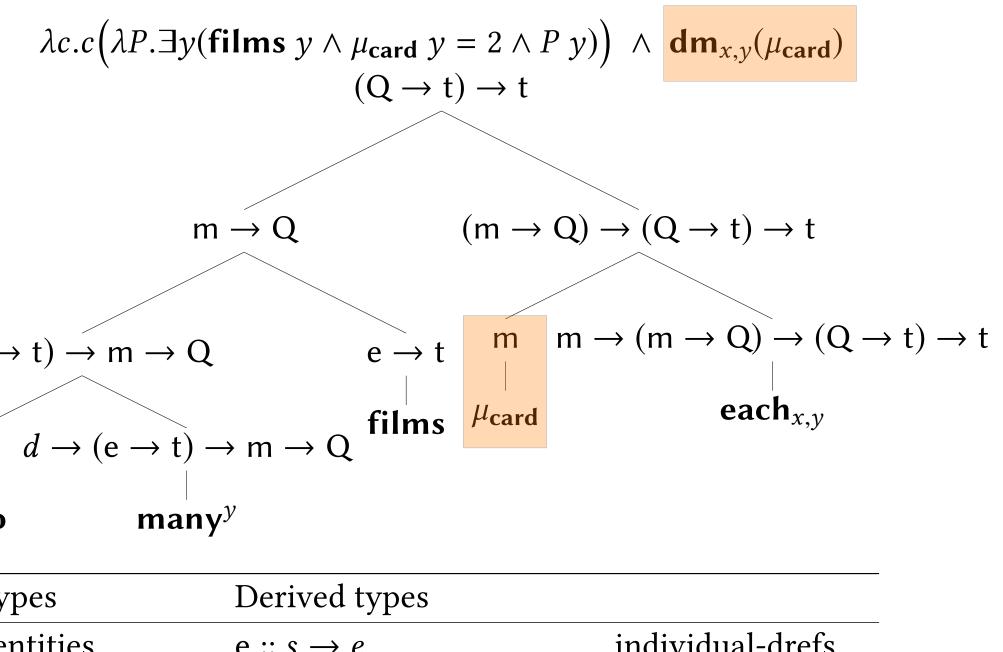
Brasoveanu, A. (2008). Donkey pluralities. Linguistics and Philosophy. Champollion, L. (2015). Every boy bought two sausages each. WCCFL-32. Charlow, S. To appear. Post-suppositions and semantic theory. *Journal of Semantics*. Kuhn, J. (2017). Dependent indefinites. Journal of Semantics. Safir, K. and Stowell, T. (1988). Binominal each. NELS-8. Sutton, M. (1993). Binominal each. Master's thesis. van den Berg, M. (1996). Some aspects of the internal structure of discourse. PhD thesis. **Zhang**, L. (2013). A ratio analysis of binominal each. *MACSIM-3*.

I am indebted to Lucas Champollion, Simon Charlow, Gennaro Chierchia, Veneeta Dayal, Robert Henderson, Haoze Li, Ken Safir, Anna Szabolcsi, Philippe Schlenker, Kristen Syrett, and Yimei Xiang for comments and criticisms.

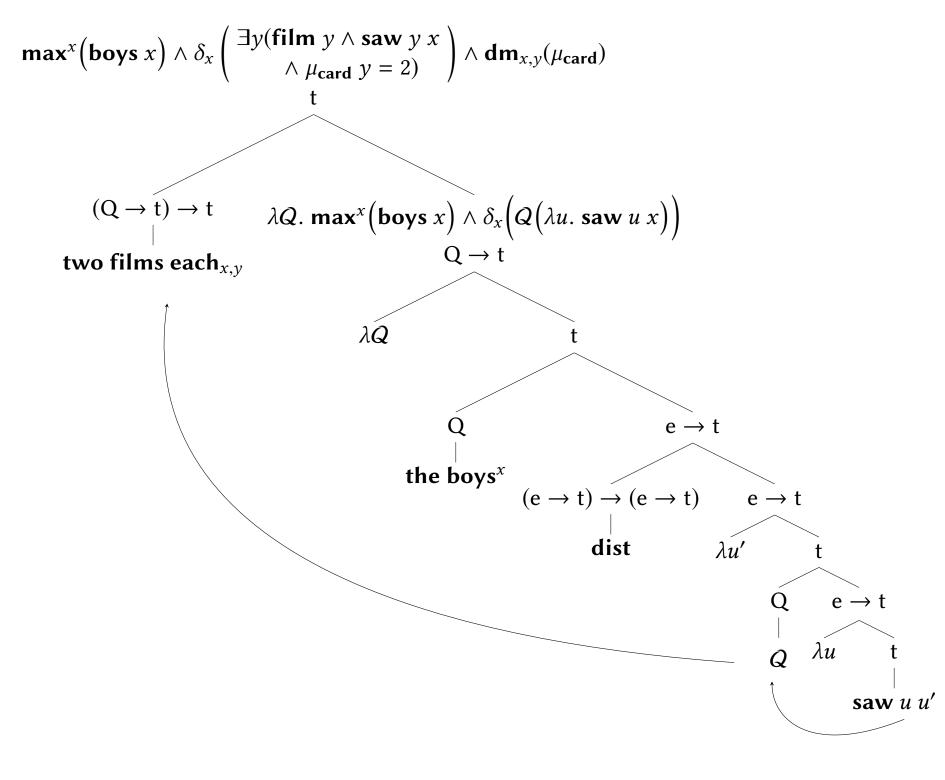


The angles are more than 60 degrees each. *The coffees are more than 60 degrees each.

Composing d-monotonicity



	Denvea types	
	$e :: s \rightarrow e$	individual-drefs
CS .	$\mathbf{t} :: (\mathbf{s} \to t) \to (\mathbf{s} \to t) \to t$	propositions
	$m :: e \rightarrow d$	measure functions
S	$Q::e \to t \to t$	quantifiers



Selected References

Acknowledgements