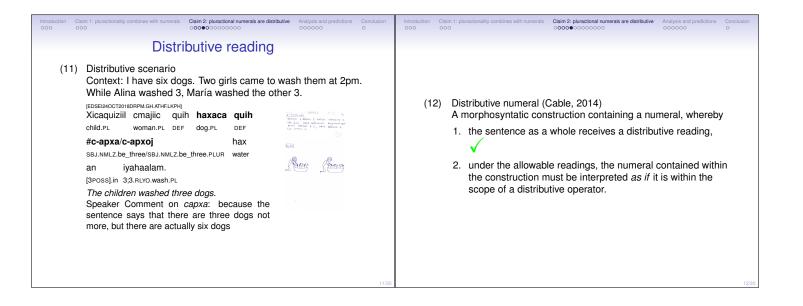


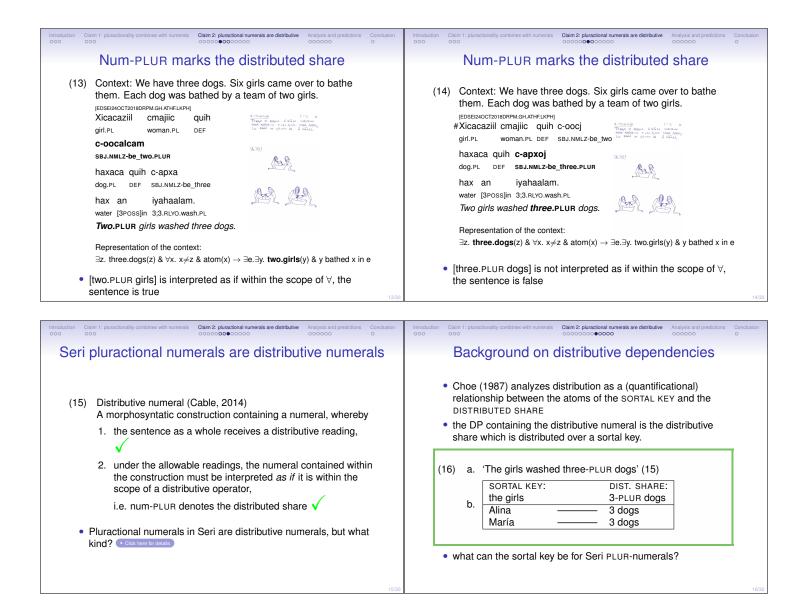
Introduction 000	Claim 1: pluractionality combines with numerals 000	Claim 2: pluractional numerals are distributive	Analysis and predictions	Conclusion O	Introduction 00●	Claim 1: pluractionality combines with numerals	Claim 2: pluractional numerals are distributive	Analysis and predictions	Conclusion O
		Puzzle					Outline		
	In Seri, if Gadiel kicked	three dogs I could say (1	a) or (1b).						
(1)	0	quih c-apxa in DEF SBJ.NMLZ.SBJ-be_three 3 OGS. [EDSE1170CT2018DRPM, CON]	yoonifz. ;3.RLYO.kick			Claim 1: Pluractionality			
	•	quih c-apxoj DEF SBJ.NMLZ.SBJ-be_three.? OGS. [EDSE1170CT2018DRPM, CON]	iyoonifz. 3;3.RLYO.kick			 Seri numerals are verified Verbs have pluraction Claim 2: Pluractional n 	nal forms umerals are distributive		
 What is the difference between capxa and capxoj? ANSWER: 			 Pluractional numerals are distributive numerals Analysis and predictions 						
		onal counterpart of <i>capxa</i> etation of a distributive num	eral						
(2)		e indefinites that impose with another plurality (Fa		nat					

Introduction Claim 1: pluractionality combines with numerals Claim 2: pluractional numerals are distributive Analysis and predictions Conclusion 000 000 000000000000000000000000000000000000	Introduction Oeo Oeo Claim 1: pluractionality combines with numerals Claim 2: pluractional numerals are distributive Analysis and predictions Conclusion 000000000000000000000000000000000000			
Seri numerals are verbs	Seri has pluractionality			
 Seri has nouns, verbs, determiners, adverbs, and a few adjectives (about 10) All numerals and quantifiers are intr. verbs, except <i>tazo</i> 'one' They inflect (<i>cf.</i> 3a and 3b) and have the same distribution as verbs 	 PLURactional forms contrast with an underspecified neutral form (Cabredo Hofherr, Pasquereau & O'Meara 2018, Pasquereau 2019, SULA 2020 talk) 			
(3) a. Ham-oocj. b. Ham-iizcam. 1PL.RLMI-be_two 1PL.RLMI-arrive.PL There are two of us. We have arrived. • They modify a noun with relativization (4) like other verbs	(5) Juan quih hehe z iyahoiilc. Juan DET tree INDEF.SG 3;3.RLYO.CAUS.be_tubular.PLUR Juan made a tree tubular. [Questionnaire2FT5] Context A: Juan carved several tubes out of a tree. TRUE Context B: Juan carved one tube out of a tree. FALSE			
(4) [Hoyacalcam quih c-oocj] yihiimtoj. [EDSEI8MAY2019DRPM, CON] 1POSS.brother.PL DEF SBJ.NMLZ-be_two RLYO.marry.PL My two brothers got married.	(6) Pluractionality (Newman, 1980; Cabredo Hofherr, ress): The expression of multiple eventualities by markers on the verb.			
 Nominalized clauses in Seri are internally-headed relative clauses (Marlett, 2012); i.e. - internally, the [NP] in (4) has the syntax of a clause: the noun is the subject of the (numeral) predicate, - externally, it has nominal syntax 	 Morphology of pluractionality Extreme many-to-many mapping: meaning X +++ exponent Y (Baerman, 2016) 			

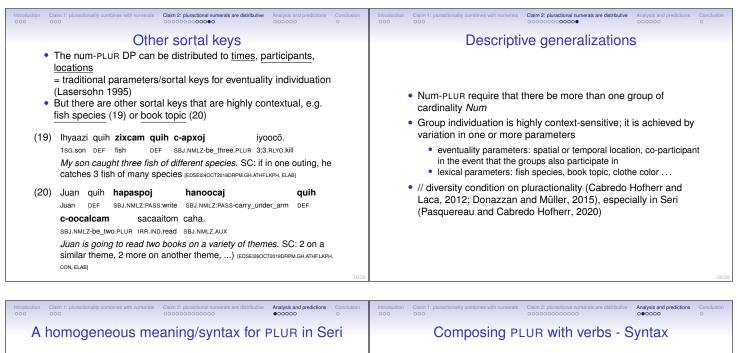
Code Claim 1: puractionality combines with numerals Claim 2: puractional numerals are distributive Analysis and predictors Conclusion Numerals have pluractional forms • Numerals in Seri have two forms, e.gapxa/-apxoj 'three' (except the word for 'eight' which is already derived from 'four') • Numerals	<u>Claim 1: pluracionality containes with numerals</u> <u>Chaim 2: pluracional numerals are distributive</u> <u>Analysis and productors</u> <u>Conclusion</u> <u>Conclusi</u>		
(7) Numerals 1 tazo (adj) tazlc (adj) 2 coocj coocalcam 3 capxa capxoj 4 czooxôc czooxojoj 5 cooitom coitmoj 6 isnaap cazoj isnaap cazlc 7 tomcoj cõquiih tomcoj cõquiihtoj 8 czooxolcam 9 csooi chanl csooi chanaloj 10 chanl chanaloj 11 ihanl tazo cõquiih ihanl tazlc cõquiih	 <i>numerals</i> (Farkas, 1997) (8) Distributive numeral (Cable, 2014) A morphosyntatic construction containing a numeral, whereby 1. the sentence as a whole receives a distributive reading, and 2. under the allowable readings, the numeral contained within the construction must be interpreted <i>as if</i> it is within the scope of a distributive operator. 		

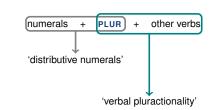
Introduction Claim 1: pluractionality combines with numerals Claim 2: pluractional numerals are distributive Analysis and predictions Conclusion 000 000 000000000000000000000000000000000000	Introduction Claim 1: pluractionality combines with numerals Claim 2: pluractional numerals are distributive Analysis and predictions Conclusion 000 000 000 00000000000 000000000000000000000000000000000000
No collective reading	No cumulative reading
 (9) Collective scenario Context: I have three dogs. Two girls came to wash them at 2pm. María and Alina together bathed Zombi, Lalo, and Mía at the same time. [EDSEl24OCT2018DRPM.GHATHELKPH] Xicaquizill cmajlic quih haxaca quih child.PL woman.PL DEF dog.PL DEF c-apxa/#c-apxoj hax SBJJNMLZ.be_three/SBJJNMLZ.be_three.PLUR water an iyahaalam. [3Poss].in 3;3.RLYO.wash.PL The children washed three dogs. Speaker Comment on capxoj: if they are in the same basin, capxoj cannot be used, capxoj is for a pair of three 	 (10) Cumulative scenario Context: I have three dogs. Two girls came to wash them at 2pm. Alina washed one and María washed the other two. IEDEELACOT2018DRPM.GH.ATHFLKPHJ Xicaquizili cmajiic quih haxaca quih child.PL woman.PL DEF dog.PL DEF c-apxa/#c-apxoj hax SBJJMLZ.be_three/SBJJMLZ.be_three.PLUR water an iyahaalam. IGPOSSJ.in 3;3.RLYO.wash.PL The girls washed three dogs. Speaker Comment on <i>capxoj</i>: because one girl washes one dog and the other washes two, but the sentence says that each one washes three dogs



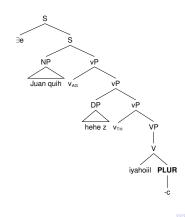


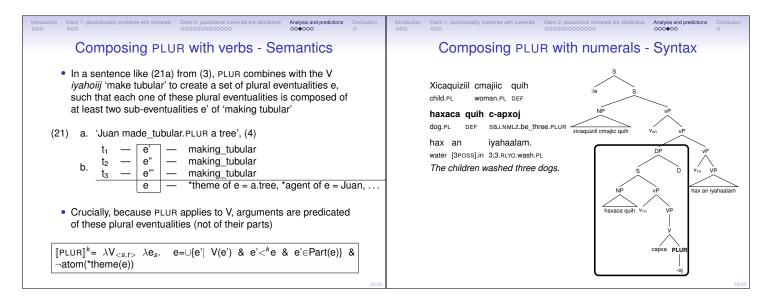
Introduction 000	Claim 1: pluractionality combines with numerals Claim 2: pluractional numerals are distrit	Dutive Analysis and predictions Conclusion	Introduction Claim 1: pluractionality combines with numerals Claim 2: pluractional numerals are distributive Analysis and predictions Conclusion 0000 000 000000000000000000000000000			
Temporal sortal key			Spatial sortal key			
(1		Ught 3 fish. <u>Strukców</u> Troj con Hoch, Hi Hido fuc A Polick V struce o con iz Polickez V struce o con iz Polickez V struce i k Neonistic cu sow V struce i k Neonistic cu sow Neonistic cu sow Neonisti	(18) Distribution over locations Today there was a race between several groups of three girls. [EDSEI240CT2018DRPM.GH.ATHFLKPH] Xicaquiziii cmajiic quih c-apxoj child.PL woman.PL DEF SBJ.NMLZ.be_three.PLUR yopancojc. RLYO.run.PL Women ran in threes. [EDSEI240CT2018DRPM.GH.ATHFLKPH]			
		17/30	187			





Juan quih hehe z Juan DET tree INDEF.SG iyahoiilc. 3;3.RLYO.CAUS.be_tubular.PLUR Juan made a tree tubular. [Ouestionnaire2FT5]





Composing PLUR with numerals - Semantics	Predictions
 Like other verbs, numerals are analyzed as predicates of eventualities —specifically <i>states</i>—whose holder is of cardinality <i>num</i>, e.g. <i>3 dogs</i> denotes an individual that satisfies the predicate <i>dogs</i>, and is in a state of being of cardinality <i>3</i> Num-PLUR = a set of plural states e that are each composed of sub-states e' whose respective holder is of cardinality N (22) a. 'The girls bathed three.PLUR dogs', (8) b. Simplified graph More deal them e' — *theme =3 e — *theme of e=dogs, … Context supports individuation of states of being 3 dogs via distribution over another plurality [PLUR]^k = λV_{<s,l></s,l>} λe_s. *theme(e) =3 PLUR]^k = λV_{<s,l></s,l>} λe_s. e=∪{e' V(e') & e'<^ke & e'∈Part(e)} & -atom(*theme(e)) 	 Predictions as regards context sensitivity, atomicity of distribution, overlapping distribution, Construction of distribution, overlapping distribution, Construction E.g.: num-PLUR do not require exhaustive distribution unlike distribution achieved via universal quantification (Knežević and Demirdache, 2018) (23) Context: non-exhaustive distribution (Questonnaire4FT5) a. [Cmajiic coi] [hateeya quih woman.PL DEF.PL bottle DEF coocalcam] iyoonec. SBJ.NMLZ.be_two.PLUR 3;3.RLYO.carry.PL The women carried 2 bottles. TRUE b. [Cmajiic coi iij chap tazo cah] [hateeya woman.PL DEF.PL each bottle quih coocalcam] iyoonec. DEF SBJ.NMLZ.be_two.PLUR 3;3.RLYO.carry.PL Each of the women carried 2 bottles. LIE, SC: because two women are not carrying anything

Summary and perspectives

- Seri clearly shows that pluractionality is the source of distributivity with numerals
- In my analysis, pluractional numerals are only distributive inasmuch as distribution is a way to individuate eventualities // pluractional distributivity
- This explains a number of properties that pluractional/distributive numerals have in Seri
 Cick hard or hardout
- · Could it be the case in other languages as well?
 - To what extent do pluractional verbs and distributive numerals have the same properties?
 - · If there are asymmetries, can they be derived?
 - To what extent is pluractionality a cross-categorial category?
- Comments welcomed! (jepasquer@gmail.com)



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List of abbreviations

ABS	absolute	MULT
ART	article	NMLZ
AW	away	OBJ
CAUS	causative	OBL
DEF	definite	PASS
DEM	demonstrative	PL
FLX	flexible	POS
FOC	focus	RLS
INDEF	indefinite	SG
INF	infinitive	SUJ
INTR	intransitive	TRNS
IO	indirect object	UNSPE

 MULT
 multiple

 IMLZ
 nominalizer

 DBJ
 object

 DBL
 oblique

 ASS
 passive

 PL
 plural

 POS
 possessive

 RLS
 realis

 GG
 singular

 SUJ
 subject

 RNS
 transitive

 INSPEC
 unspecified