& SL ACROSS LY LEARNING TASKS?

- Speech segmention (replicated many times , See Black & Bergmann, 2017) with Arthurd and notional stimuli
- Non-adjacent dependency (i.e. learning AX₁₋₃C triplets) which adults can be a store extraction Simultaneously learn to segment, but maybe not infants
 - Modeling? segmentation behavior has been captured afrecurrent neveral networks, forwards & backwards transitional probability, & sequence churking, all based on given information about syllable boundaries. Whole otherance churking can replicate segmentation of phone input instead.

Morphological Modeling only here, but ising accomulated sequence information; intlection of "memory" mechanism that houses on the end of the sentence, replicates phenomena like the go away.

- Ward-offerent now replicated a l nouns & verbs (& similtaneous karning of mapping these - w/adulls) & con account for learning even above

mu halexclusivity

Grammohis distributions of co-occurrences of words are good ares to grammohis!

Takegory

Formotion cotegory (in try lish??) — this may be supplemented by use of

Aregion thames (e.g. he—the) which can themselves, when

combined account for a large portion of early vocabilary

Syntactic Type speech accounted for by simple derivations on parental

combinations

utturned 111676 8058 the home. IS To additions 10 To removal 77

uterances (66% substitutions, 15% additions, 10% removal, 7% insertions, 1% reasongements) providing a basis for abstractions over these initial constructions

Emergent general principles GROUPING and DIVIDING

EROLE of the BEOADER ENVIRONMENT & What is available besides JP?

- Speech segmentation: Allophunic variation, physicalic constraints, prosody, stress! shythm, word phrase-final lengthening to boosts learning of TPs alone, pulsops importance given messiness & variability in TPs in real speech Lo stress used over statistics by I mos when in conflict - Word misnings: prosedy, gesture, gaze, CDS festures Scillbring acognition & attention, especially on Comperfect) combination of ares lo again bousts learning over co-occurrence s bls slove - Dependency structures: prosody lesp. parses), phonological similarity, Henonce position (i.e. toward the edges). - Grammatical esteganes: providy, phonological grouping eves, iterance position to usalting distion - Syntactic structures: prosadic structure (intensity, dustion, pitch) boosts learnshility of embedded symbolic strictures & symbolic segmentation Multiple are use the many combine differently for learning depending on the language but learners should weigh more available a reliable area most heaviles but learners should weigh more available & reliable ares most heavily To dynamic system accounts for over use & attention in context & siross development By Vost majority of this work (incl. modeling) houses on English - do we expect Il these St processes in learning to hold up owss-light ofly?