

## Supplementary Materials

### A *Wh*-dependency distribution across SES

Table 1 shows the distribution of *wh*-dependencies across the different corpora, including the low-SES and high-SES child-directed speech, as well as high-SES adult-directed speech and adult-directed text.

**Table 1: Distribution of *wh*-dependencies in child-directed Low-SES (L-CDS) and High-SES (H-CDS), as well as High-SES adult-directed speech (H-ADS) and text (H-ADT). Percentages are shown for syntactic paths, based on the total *wh*-dependencies in each corpus, with the quantity observed in the corpus on the line below. An example of each container node sequence is given below the sequence. Dependencies used in the KL divergence analysis are in teal. The dependency in the Low SES dialect that’s ungrammatical in the High SES dialect is in pink.**

Distribution of <i>wh</i> -dependencies in the input				
Syntactic path and example utterance	L-CDS	H-CDS	H-ADS	H-ADT
<i>IP</i> Who saw it?	10.3% 402	12.8% 2680	17.2% 1464	33.0% 1396
<i>IP-VP</i> What did she see?	75.5% 2949	76.7% 16039	73.0% 6215	63.3% 2677
IP-VP-AdjP-IP-VP What are you willing to see?	0.0% 0	0.0% 0	<0.1% 1	0.1% 5
IP-VP-AdjP-IP-VP-PP What are you willing to go to?	0.0% 0	0.0% 0	<0.1% 1	0.0% 0
IP-VP-AdjP-PP What are they good for?	0.0% 0	0.0% 0	<0.1% 1	<0.1% 1
IP-VP-CP <sub>for</sub> -IP-VP-PP What did she put on for you to dance to?	0.0% 0	<0.1% 1	0.0% 0	0.0% 0
<i>IP-VP-CP<sub>null</sub>-IP</i> Who did he think stole it?	0.1% 5	0.1% 24	0.6% 52	0.3% 12
<i>IP-VP-CP<sub>null</sub>-IP-VP</i> What did he think she stole?	0.9% 39	1.1% 236	0.4% 30	0.2% 8
IP-VP-CP <sub>null</sub> -IP-VP-IP-VP What did he think she wanted to steal?	<0.1% 3	0.1% 28	<0.1% 3	0.0% 0
IP-VP-CP <sub>null</sub> -IP-VP-IP-VP-IP-VP What did he think she wanted to pretend to steal?	0.0% 0	<0.1% 2	0.0% 0	0.0% 0
IP-VP-CP <sub>null</sub> -IP-VP-IP-VP-IP-VP-PP Who did he think she wanted to pretend to steal from?	0.0% 0	0.0% 0	<0.1% 1	0.0% 0
IP-VP-CP <sub>null</sub> -IP-VP-IP-VP-PP	0.0%	<0.1%	0.0%	0.0%

Distribution of <i>wh</i> -dependencies in the input				
Syntactic path and example utterance	L-CDS	H-CDS	H-ADS	H-ADT
Who did he think she wanted to steal from?	0	1	0	0
IP-VP-CP <sub>null</sub> -IP-VP-NP	0.0%	<0.1%	<0.1%	<0.1%
What did he think she said about it?	0	1	5	1
IP-VP-CP <sub>null</sub> -IP-VP-NP-PP	<0.1%	0.0%	0.0%	0.0%
What did he think it was a movie of?	3	0	0	0
<i>IP-VP-CP<sub>null</sub>-IP-VP-PP</i>	0.1%	0.1%	<0.1%	<0.1%
What did he think she wanted it for?	4	28	5	1
IP-VP-CP <sub>null</sub> -IP-VP-PP-PP	0.0%	<0.1%	0.0%	0.0%
What did he think she wanted out of?	0	1	0	0
<i>IP-VP-CP<sub>that</sub>-IP</i>	<0.1%	0.0%	0.0%	0.0%
What do you think that happens?	2	0	0	0
IP-VP-CP <sub>that</sub> -IP-VP	0.0%	<0.1%	<0.1%	<0.1%
What did he think that she stole?	0	2	5	2
IP-VP-CP <sub>that</sub> -IP-VP-IP-VP	0.0%	0.0%	<0.1%	0.0%
What did he think that she wanted to steal?	0	0	1	0
IP-VP-CP <sub>that</sub> -IP-VP-PP	0.0%	0.0%	<0.1%	0.0%
Who did he think that she wanted to steal from?	0	0	1	0
IP-VP-IP	0.0%	<0.1%	<0.1%	0.0%
Who did he want to steal the necklace?	0	9	2	0
<i>IP-VP-IP-VP</i>	7.5%	5.6%	3.4%	1.3%
What did he want her to steal?	296	1167	287	57
<i>IP-VP-IP-VP-IP-VP</i>	<0.1%	<0.1%	<0.1%	<0.1%
What did he want her to pretend to steal?	2	11	6	1
IP-VP-IP-VP-IP-VP-PP	0.0%	0.2%	<0.1%	0.0%
Who did he want her to pretend to steal from?	0	43	6	0
IP-VP-IP-VP-IP-VP-PP-IP-VP	<0.1%	0.0%	0.0%	0.0%
What did you want to try to plan on doing?	1	0	0	0
IP-VP-IP-VP-NP	0.0%	<0.1%	0.0%	0.0%
What did he want to say about it?	0	6	0	0
IP-VP-IP-VP-NP-IP-VP	0.0%	0.0%	0.0%	<0.1%
What did he have to give her the opportunity to steal?	0	0	0	1
IP-VP-IP-VP-NP-PP	0.0%	<0.1%	<0.1%	0.0%
What did she want to steal more of?	0	1	1	0
<i>IP-VP-IP-VP-PP</i>	0.8%	0.4%	0.4%	<0.1%

Distribution of <i>wh</i> -dependencies in the input				
Syntactic path and example utterance	L-CDS	H-CDS	H-ADS	H-ADT
What did she want to steal from?	35	74	33	4
IP-VP-IP-VP-PP-PP	0.0%	0.0%	0.0%	<0.1%
What did she want to get out from under?	0	0	0	1
IP-VP-NP	0.0%	0.2%	0.1%	0.1%
What did she say about the necklace?	0	52	10	5
IP-VP-NP-IP-VP	0.0%	0.0%	<0.1%	<0.1%
What did he give her the opportunity to steal?	0	0	1	2
IP-VP-NP-PP	<0.1%	<0.1%	<0.1%	0.0%
What was she a member of?	1	7	6	0
<i>IP-VP-PP</i>	4.0%	2.5%	4.3%	1.3%
Who did she steal from?	159	524	369	57
IP-VP-PP-CP <sub>null</sub> -IP	0.0%	0.0%	<0.1%	0.0%
What did she feel like was a very good place?	0	0	1	0
IP-VP-PP-CP <sub>null</sub> -IP-VP	0.0%	<0.1%	0.0%	0.0%
What did she feel like he saw?	0	1	0	0
IP-VP-PP-IP-VP	<0.1%	0.0%	<0.1%	0.0%
What did she think about buying?	2	0	3	0
IP-VP-PP-NP	0.0%	0.0%	<0.1%	0.0%
Where was she at in the building?	0	0	2	0
IP-VP-PP-NP-PP	0.0%	<0.1%	0.0%	0.0%
What do you put it on top of?	0	2	0	0
IP-VP-PP-NP-PP-IP-VP	0.0%	0.0%	<0.1%	0.0%
What is she in the habit of doing?	0	0	1	0
IP-VP-PP-PP	0.5%	0.1%	0.0%	0.0%
What does he eat out of?	1	22	0	0
IP-VP-PP-IP-VP	0.0%	<0.1%	0.0%	0.0%
What did he think about stealing?	0	1	0	0