

APPENDIX B

Sentence Diversity Codes: Descriptions and Examples

Code	Description	Examples from language samples
[SV:1]	Coded on explicit first person singular subjects of subject-verb combinations (i.e., <i>I, me, Cname</i>)	I[SV:1] want baby. I[SV:1] share with you. Me[SV:1] pick up. Cname[SV:1] washing it off.
[SV:2]	Coded on explicit second person subjects of subject-verb combinations (i.e., <i>you</i>)	You[SV:2] do it. Here you[SV:2] go. You[SV:2] open this? You[SV:2] could have this one.
[SV:3]	Coded on explicit third person singular subjects of subject-verb combinations (e.g., <i>baby, Pooh, it, he</i>)	Baby[SV:3] have pants. Pooh[SV:3] want some juice. It[SV:3] make noise. Now he[SV:3] stop.
[SV:1P]	Coded on explicit first person plural subjects of subject-verb combinations (e.g., <i>we, us</i>)	We[SV:1P] go a little walk. We[SV:1P] take a bath. We[SV:1P] get some glasses. Us[SV:1P] have to get chicken.
[SV:3P]	Coded on explicit third person plural subjects of subject-verb combinations (e.g., <i>cows, babies, they</i>)	Cows[SV:3P] are going in a rocketship. Babies[SV:3P] gonna come to sleep. They[SV:3P] both spinning together. They[SV:3P] gonna come out.
[SV:P]	Coded on names of conversation partners in the subject position of noun-verb combinations (e.g., <i>Mom, Mommy</i>)	Mom[SV:P] have pink. Mom[SV:P] scoot me. Mommy[SV:P] say it. Mommy[SV:P] don't like this.
[SV:RQ]	Coded on explicit subjects of simple <i>do</i> and <i>go</i> questions	Where apple[SV:RQ] go? What he[SV:RQ] doing? Where him mustache[SV:RQ] go? Where this one[SV:RQ] go?

APPENDIX C

Conversion of Coded Subject-Verb Combinations to Unique Subject-Verb Combinations (USVs)

	Subject-verb combination	Unique subject-verb combination (USV)	Rationale
1	I[SV:1] can carry Pooh.	I carry	USV-1: Unique verb and first person singular subject
2	I[SV:1] want that one.	I want	USV-1: Same first person singular subject as 1, but unique verb
3	Baby[SV:3] like the milk.	Baby like	USV-3: Unique verb and third person singular subject
4	He[SV:3] looking for that.	He look	USV-3: Unique verb and third person singular subject
5	I[SV:1] want a plate.	----	NONE: Same subject and verb as 2
6	This[SV:3] come off.	This come	USV-3: Unique third person singular subject and verb
7	Pooh[SV:3P] want food on plate.	They want	USV-3: Same verb as 2, but unique third person singular subject
8	I[SV:1] come with.	I come	USV-1: Same first person singular subject as 1 and 2 but unique verb; Same verb as 6 but unique subject

APPENDIX D

Unique Subject-Verb Combinations (USVs) and Longest Utterances of Typically-Developing Participants

GTP01G Unique Subject-Verb Combinations (USVs)

First person singular USVs	Second person USVs	Third person singular USVs	First person plural USVs	Third person plural USVs
I do	You go	Baby fall		
I drop		Baby have		
I got		Pooh knock		
I switch		She got		
I want		She have		
5	1	5	0	0
Total UST-SV 11				
Longest Utterances				
1	Here you[SV:2] go, bear.			
2	Mom, give me it.			
3	She[SV:3] got my chair.			
4	{Uhoh} I[SV:1] dropped my fork.			
5	Baby[SV:3] fall down on me.			

GTP45G Unique Subject-Verb Combinations (USVs)

First person singular USVs	Second person USVs	Third person singular USVs	First person plural USVs	Third person plural USVs
I feed	You do	Baby want		
I try	You go	My ear hurt		
I want	You open	My tummy hurt		
I wash		This juice feed		
4	3	4	0	0
Total UST-SV 11				
Longest Utterances				
1	What's this, daddy?			
2	I[SV:1] try find it.			
3	The babies in there.			
4	This juice[SV:3] feed her.			
5	I[SV:1] want take the baby's bag.			

GTP33B Unique Subject-Verb Combinations (USVs)

First person singular USVs	Second person USVs	Third person singular USVs	First person plural USVs	Third person plural USVs
I build	You get	Something else go	We build	Those look
I eat	You have	The farmer feed	We got	
I forget	You want	He want		
I get		It got		
I go		Somebody come		
I have		He got		
I help		He take		
I know				
I like				
I need				
I open				
I see				
I spill				
I use				
I want				
15	3	7	2	1
Total UST-SV 28				
Longest Utterances				
1	And the farmer[SV:3] can feed the sheeps.			
2	But I[SV:1] don't need to cook it.			
3	I[SV:1]'m gonna go make you something else.			
4	You[SV:2] gotta use your little fingers.			
5	This is some big chair for you.			

GTP44B Unique Subject-Verb Combinations

First person singular USVs	Second person USVs	Third person singular USVs	First person plural USVs	Third person plural USVs
Cname crack		Bear want	We get	They open
Cname drop		Egg come	We close	The cows go
Cname wash		He flip	We go	
I get		He march		
I have		He want		
I like		It march		
I need		It walk		
I take		The door close		
I turn		This guy ride		
I want		This have		
I/Cname put				
11	0	10	3	2
Total UST-SV 26				
Longest Utterances				
1	I[SV:1] need something to make me food.			
2	Yes, and it's a fire oven.			
3	The cows[SV:3P] go in here.			
4	I[SV:1] need help get the animals out, mom.			
5	We[SV:1P] gonna get WinniePooh pizza out.			

GTP46G Unique Subject-Verb Combinations (USVs)

First person singular USVs	Second person USVs	Third person singular USVs	First person plural USVs	Third person plural USVs
I cut	You call	He have	We babysit	Her things want
I did	You change	He like	We call	They go
I got	You close	He say	We go	They have
I love	You come	He want	We have	They need
I make	You do	It go	We pretend	
I need	You drink	It have	We put	
I put	You eat	It say	We see	
I want	You follow	It slide		
I wash	You forgot	It snap		
I/my have	You get	My baby have		
I bake	You go	My baby need		
I drive	You have	Poohbear go		
I go	You hold	She get		
I visit	You lost	She go		
	You mean	She has		
	You open	She like		
	You put	She poop		
	You share	She see		
	You take	She sleep		
	You tie	She want		
	You want	The farmer say		
		The girl go		
		The one have		
		Yours have		
14	21	24	7	4
Total UST-SV 70				
Longest Utterances				
1	I[SV:1]'m gonna have this too and I[SV:1]'m gonna have the green cup.			
2	This is a cookie, so I[SV:1]'m gonna cook it in the stove.			
3	Because she[SV:3] had a bad dream, and you[SV:2] were gonna be a mom.			
4	Could you[SV:2] take her clothes on so I[SV:1] could make her pajamas on?			
5	She[SV:3]'s gonna take some little medicine because she[SV:3] doesn't like medicine.			

GTP49G Unique Subject-Verb Combinations (USVs)

First person singular USVs	Second person USVs	Third person singular USVs	First person plural USVs	Third person plural USVs
I build	You do	He blow	We build	Little piggy come
I come	You go	He come	We came	The babies start
I find	You get	He decide	We do	The guys get
I get	You have	He do	We go	The mommy pig and the daddy pig come
I know	You open	He drink	We get	They go
I like	You push	He go	We have	They need
I make	You want	He get	We need	They play
I open		He have	We take	
I pop		He keep	We want	
I push		He knock		
I see		He like		
I sit		He love		
I take		He see		
I touch		He sit		
I use		He walk		
I want		He want		
I/Cname go		Nobody see		
		Piggy say		
		Pooh want		
		She build		
		She come		
		She go		
		She get		
		She have		
		She like		
		She need		
		She want		
		That guy get		
		That guy go		
		The fishy want		
		The friends		
		The mommy go		
		This one have		
		Who build		
		Wolf come		
		Wolf want		
17	7	36	9	7
Total UST-SV 76				

Longest Utterances	
1	I[SV:1]'m gonna open it up and put it on the stove.
2	And what are you[SV:2] gonna do with these blocks?
3	I[SV:1] gotta get the red blocks off of there, mommy.
4	I[SV:1]'m gonna pretend all these are the pigs.
5	And she[SV:3] came and the guys[SV:3P] got in the house because that wolf[SV:3] didn't want to come in.

APPENDIX E

Unique Subject-Verb Combinations (USVs) and Longest Utterances of At-Risk Participants

GTP22B Unique Subject-Verb Combinations (USVs)

First person singular USVs	Second person USVs	Third person singular USVs	First person plural USVs	Third person plural USVs
Cname bite	You eat	Chicken go		They eat
Cname sit		That go		
Cname/I try				
Cname/I cut				
Cname/I build				
I blow				
I eat				
I got/gotta				
I know				
I like				
I need				
I see				
I take				
I want/wanna				
I wash				
15	1	2	0	1
Total UST-SV 19				
Longest Utterances				
1	I[SV:1] wanna try chicken going in.			
2	Mama, we're alldone with that, mama.			
3	And taco and rice and hotdog and pizza and pizza.			
4	I[SV:1] wanna go play puzzle.			
5	I[SV:1] gotta put cup back.			

GTP52B Unique Subject-Verb Combinations (USVs)

First person singular USVs	Second person USVs	Third person singular USVs	First person plural USVs	Third person plural USVs
I make	You eat	Chicken make		
I bring		Pizza come		
I know		Knife stir		
3	1	3	0	0
Total UST-SV 7				
Longest Utterances				
1	And chicken[SV:3] make.			
2	{Hey} I[SV:1] make it.			
3	Where my burger[SV:RQ] go?			
4	You[SV:2] eat broccoli, Mom?			
5	Pizza[SV:3] coming, Mom.			