

Target stories and questions used in “Developing incrementality in filler-gap dependency processing” by Atkinson et al., 2017.

### **Item 1**

Hi, my name is Emily. Today I'd like to eat some cake, but I also need to clean the dishes. Hmm, what should I do first? I think I'm gonna eat the cake, and for that I need a fork. Mmm! That cake was yummy. Now it's time to clean the dishes. I'm gonna need to use a sponge. Oh, those dishes are so clean. I did a great job today.

*Wh*-questions:

Can you tell me what Emily was eating the cake with?

Can you tell me what Emily was washing the dishes with?

*Yes-No* questions:

Can you tell me if Emily was eating the cake with the fork?

Can you tell me if Emily was washing the dishes with the sponge?

### **Item 2**

Hi, my name is Sammy and today I'm helping out my mom in the kitchen. I'm supposed to dry the table and peel some potatoes. Hmm, let me peel the potatoes first in case I make a mess. I'll need a knife to do that. Oh, the potatoes are all peeled. They look great. Now it's time to dry the table. I'm gonna need a paper towel. The table is all dry. I did such a great job helping my mom.

*Wh*-questions:

Can you tell me what Sammy was peeling the potatoes with?

Can you tell me what Sammy was drying the table with?

*Yes-No* questions:

Can you tell me if Sammy was peeling the potatoes with the knife?

Can you tell me if Sammy was drying the table with the paper towel?

### **Item 3**

Hi, my name is Rosie and I'm at the beach. I love playing. Hmm, what can I do? I want to blow up a beach ball and have fun with it. And I also want to build a sandcastle. Hmm, first I think I'll build a sandcastle. I'll need a bucket. Wow! That sand castle looks great. Next it's time to blow up the beach ball. I'll need an air pump to do that. This beach ball looks fantastic! Boy, this is a great day at the beach.

*Wh*-questions:

Can you tell me what Rosie was building the sandcastle with?

Can you tell me what Rosie was blowing up the beach ball with?

*Yes-No* questions:

Can you tell me if Rosie was building the sandcastle with the bucket?

Can you tell me if Rosie was blowing up the beach ball with the air pump?

**Item 4**

Hi, my name is Robbie and I'm playing up in the attic. There's this trunk I want to dust off and see what's inside. But I also have to light a candle so I can see where I'm going. Hmm, let me light the candle first, I'll need a match. Ahh, there, that's better. Now I can see. Now let me dust off this trunk, I'll need a rag. That trunk is so clean now. Oh yeah, I'm going to have an awesome time in the attic.

*Wh*-questions:

Can you tell me what Robbie was lighting the candle with?

Can you tell me what Robbie was dusting off the trunk with?

*Yes-No* questions:

Can you tell me if Robbie was lighting the candle with the match?

Can you tell me if Robbie was dusting off the trunk with the rag?

**Item 5**

My name is Lizzie and today's my mom's birthday. I have to do something really special for her. I think I'm gonna decorate her package with a bow and I want to make her some hot chocolate. Hmm, let me make the hot chocolate first. I'll need to use a kettle. Wow! That hot chocolate smells so good! Now it's time to attach this bow to her present. I'll need some glue to do that. Oh! Her present looks so pretty and I have this great surprise. My mom is going to have a great birthday.

*Wh*-questions:

Can you tell me what Lizzie was making the hot chocolate with?

Can you tell me what Lizzie was attaching the bow with?

*Yes-No* questions:

Can you tell me if Lizzie was making the hot chocolate with the kettle?

Can you tell me if Lizzie was attaching the bow with the glue?

**Item 6**

My name is Jimmy and I'm outside in the yard doing some yard work. I need to cut the grass and chop some wood. Hmm, let me cut the grass first. I'll need a lawn mower. The grass looks fantastic! Now I need to chop the wood so we have some for the fireplace. I need an axe to do that. The wood's all chopped. We're going to have a great fire and Daddy'll be so proud that I cut all the grass by myself.

*Wh*-questions:

Can you tell me what Jimmy was cutting the grass with?

Can you tell me what Jimmy was chopping the wood with?

*Yes-No* questions:

Can you tell me if Jimmy was cutting the grass with the lawn mower?

Can you tell me if Jimmy was chopping the wood with the axe?

**Item 7**

Hi I'm Alice and I'm out in the backyard. I have to trim the bushes today and I also really want to catch a butterfly. Well first, I'll trim the bush. I need to use some scissors. Oh, that bush looks so nice! Now it's time to catch that butterfly. I'll need a net. There, I caught him and he's in a cage. This was a great time outside.

*Wh*-questions:

Can you tell me what Alice was trimming the bush with?

Can you tell me what Alice was catching the butterfly with?

*Yes-No* questions:

Can you tell me if Alice was trimming the bush with the scissors?

Can you tell me if Alice was catching the butterfly with the net?

**Item 8**

Hi, my name's Oscar and I'm excited for my grandson to visit this afternoon! I have a couple of things to do before he arrives. I have to sweep the floor and knit a hat for him. First, I'll knit the hat. For that I'll need needles. Wow, this hat looks fantastic! Now it's time to sweep the floor. I'll need a broom for that. The floor looks so clean! My grandson and I will have a great time!

*Wh*-questions:

Can you tell me what Oscar was knitting the hat with?

Can you tell me what Oscar was sweeping the floor with?

*Yes-No* questions:

Can you tell me if Oscar was knitting the hat with the needles?

Can you tell me if Oscar was sweeping the floor with the broom?

**Item 9**

Hi my name is Sally and it's the weekend, so it's time to do those chores. I need to paint this mailbox with spray paint and fix my bike. Hmm, I think I'll fix my bike first. I'm gonna need a wrench. Ahh, there, my bike's all better, it looks great. Now it's time to paint the mailbox. I'm gonna need some spray paint. Wow! That mailbox looks fantastic. I've done a great job.

*Wh*-questions:

Can you tell me what Sally was fixing the bike with?

Can you tell me what Sally was painting the mailbox with?

*Yes-No* questions:

Can you tell me if Sally was fixing the bike with the wrench?

Can you tell me if Sally was painting the mailbox with the spray paint?

**Item 10**

Hi, my name is Erica and I'm preparing breakfast. I have to fry some pancakes and I have to slice some oranges. Hmm, what should I do first? I think I'll slice the oranges. I'm gonna need a knife. There, those oranges are all sliced. They look fantastic. Now it's time to fry my pancakes. I'm gonna need a pan. Oh, those pancakes look fantastic! Oh, this is gonna be a great breakfast. I can't wait to eat.

*Wh*-questions:

Can you tell me what Erica was slicing the oranges with?

Can you tell me what Erica was frying the pancakes with?

*Yes-No* questions:

Can you tell me if Erica was slicing the oranges with the knife?

Can you tell me if Erica was frying the pancakes with the pan?