

## Supplemental Material S1. Survey items and response scoring.

Sections and Questions	Response Type/Response Options	Response Score
<b>Recommendations</b>		
<b>Rec-1:</b> Did any professional discourage you, or raised concerns about raising your child orally bilingual?	Yes	→ 1
	No	→ 0
<b>Rec-2:</b> Did any family member, friend or any other member of the community discourage you, or raised concerns about raising your child orally bilingual?	Yes	→ 1
	No	→ 0
<b>Rec-3:</b> Did any professional encouraged you to raise your child orally bilingual?	Yes	→ 1
	No	→ 0
<b>Rec-4:</b> Did any family member, friend or any other member of the community encouraged you to raise your child orally bilingual?	Yes	→ 1
	No	→ 0
<b>Caregiver Beliefs on Oral Bilingualism</b>		
<b>BilBel-1:</b> Children receive better education when they learn two oral languages.	5-point scale	1-5
<b>BilBel-2:</b> It is natural for children to speak a second language	5-point scale	1-5
<b>BilBel-3:</b> Children who are orally bilingual will have better job opportunities as adults	5-point scale	1-5
<b>BilBel-4:</b> It is important for my child to communicate with my immediate family in Spanish	5-point scale	1-5
<b>BilBel-5:</b> It is important that my child retains Spanish into adulthood.	5-point scale	1-5
<b>BilBel-6:</b> It is important that my child knows how to read and write in Spanish	5-point scale	1-5
<b>BilBel-7:</b> My family’s beliefs are influenced by the Latino culture	5-point scale	1-5
<b>BilBel-8:</b> Which of the following most represents your beliefs for your child’s oral language development	Spanish fluency is more important	→ 0
	Spanish fluency is slightly more important	→ 1
	Spanish fluency and English fluency are equally important	→ 1

	English fluency is slightly more important	→ 1
	English fluency is more important	→ 0
<b>BilBel-9:</b> Children who are deaf or hard of hearing have the capacity to develop skills in two oral languages	5-point scale	1-5
<b>BilBel-10:</b> Children who are deaf or hard of hearing get confused by being exposed to two oral languages *	5-point scale	1-5
<b>BilBel-11:</b> Learning two oral languages is too challenging for children who are deaf or hard of hearing *	5-point scale	1-5
<b>Caregiver Beliefs on ASL</b>		
<b>BilBel<sub>ASL</sub>:</b> Learning sign language, in addition to an oral language, is beneficial for children who are deaf or hard of hearing	5-point scale	1-5
<b>Practices:</b>		
<b><u>Spanish</u></b>		
<b>SpaPra-1:</b> How frequently do you or any other family member speak Spanish at home?	5-point scale	1-5
<b>SpaPra-2:</b> How frequently do you or any other family member read to your child in Spanish at home?	5-point scale	1-5
<b>SpaPra-3:</b> How frequently do you, your child or any other family member watch TV or electronic media in Spanish at home?	5-point scale	1-5
<b>SpaPra-4:</b> How frequently does your child attend events in the community in which Spanish is used?	5-point scale	1-5
<b><u>English</u></b>		
<b>EngPra-1:</b> How frequently do you or any other family member speak English at home?	5-point scale	1-5
<b>EngPra-2:</b> How frequently do you or any other family member read to your child in English at home?	5-point scale	1-5
<b>EngPra-3:</b> How frequently do you or any other family member watch TV or electronic media in English at home?	5-point scale	1-5

<b>EngPra-4:</b> How frequently does your child attend events in the community in which English is used?	5-point scale	1-5
--	---------------	-----

### ASL

<b>ASLPra-1:</b> How frequently do you or any other family member speak sign language at home?	5-point scale	1-5
--	---------------	-----

<b>ASLPra-2:</b> How frequently do you or any other family member watch TV or electronic media in sign language at home?	5-point scale	1-5
--	---------------	-----

<b>ASLPra-3:</b> How frequently does your child attend events in the community in which sign language is used?	5-point scale	1-5
--	---------------	-----

## **Language Proficiency:**

### Spanish

<b>SpaProf-1:</b> My child’s speaking ability in Spanish is...	5-point scale	1-5
--	---------------	-----

<b>SpaProf-2:</b> My child’s ability understanding Spanish is...	5-point scale	1-5
--	---------------	-----

<b>SpaProf-3:</b> My child’s ability reading Spanish is...	5-point scale	1-5
--	---------------	-----

### English

<b>EngProf-1:</b> My child’s speaking ability in English is...	5-point scale	1-5
--	---------------	-----

<b>EngProf-2:</b> My child’s ability understanding English is...	5-point scale	1-5
--	---------------	-----

<b>EngProf-3:</b> My child’s ability reading English is...	5-point scale	1-5
--	---------------	-----

### ASL

<b>SigProf-1:</b> My child’s speaking ability in sign language is...	5-point scale	1-5
--	---------------	-----

<b>SigProf-2:</b> My child’s ability understanding sign language is...	5-point scale	1-5
--	---------------	-----

---

*Note.* ASL = American Sign Language; Rec = Recommendations; BilBel = Bilingual beliefs on two oral languages; BilBel<sub>ASL</sub> = Bilingual beliefs on one oral language and American Sign Language; SpaPra = Spanish practices; EngPra = English practices; ASLPra = American Sign Language practices; SpaProf = Spanish proficiency; EngProf = English proficiency; ASLProf = American Sign Language proficiency. Five-point scale response types: for Beliefs questions were from 1 = *Totally Disagree* to 5 = *Totally Agree*; for Practices questions were from 1 = *Never* to 5 = *Always*; for Language Proficiency questions were from 1 = *Very Poor* to 5 = *Excellent*. Questions marked with an asterisk (\*) indicate reverse scoring.