Participant 1:

Keyboard, Set A

Can’t think of anything different

Voice recognition is pretty good

Thought speech was going to be easier

Felt he had to think more, instead of typing + thinking up sentence as you go.

Participant 2:

Speech, Set B

Had hard time thinking of phrases – not overly creative

Speech recognition wasn’t working that great

Preferred typing, because it’s more practical

SR better than he thought it would be

Participant 3:

Keyboard, Set B

Start time 11:30am – done before 12pm.

Big thumbs – makes mistakes & errors when typing

In a quiet room, without another person, preferred voice

Even with me, voice

Found voice to be easier + faster, fewer errors.

For mobile text entry, errors don’t matter as long as message can get across.

Participant 4:

Speech, Set A

Start time: 1:31pm

ESL, but self reports fluent

Bit of difficulty composing sentences with speech – a bit hesitant

Preferred keyboard – could pause and think about what to say next

For audio, if you pause you can make mistakes and mess up sentence

Have to think of sentence beforehand

Participant 5:

Keyboard, Set B

Start Time: 2:42pm Stop Time: 3:20pm

Preferred keyboard

Gives more freedom – editing in real time instead of waiting for voice recognition to end

Less stress – voice chat is limited to time (where it ends automatically)

Participant 6:

Speech, Set A

Start Time: 1:45pm Stop Time: 2:30pm

SR isn’t actually that bad.

Couldn’t identify cat image in set B

Preferred keyboard – faster to type rather than waiting for SR to finish, and then correct SR

Easier to write sentences

Participant 7:

Keyboard, Set A

Start Time: 3:00pm Stop Time: 3:23pm

Preferred voice – though had to edit, SR was able to interpret voice pretty accurately

Less work with hands (for typing)

Participant 8:

Speech, Set B

Start Time: 4:01pm Stop Time: 4:23pm

Preferred typing – too much pressure when speaking out loud.

Participant 9:

Keyboard, Set B

Start Time: 11:29am Stop Time: Before 12:00pm

Kbd was a bit too small for her

Might have preferred kbd if had a different kbd

Preferred voice, but voice still had problems with recognition + homonyms. Voice also picked up uh + like and other “in-between words”

Participant 10:

Speech, Set A

Start Time: 1:08pm Stop Time: Before 1:40pm

Had difficulty with voice recognition.

Preferred typing – doesn’t like SR – “it’s weird to talk to my phone”

Participant 11:

Keyboard, Set A

Start Time: 2:35pm Stop Time: Before 3:15pm

Difficulty w/ SR

Preferred keyboard

SR is more prone to errors

Participant 12:

Speech, Set B

Start Time: 2:13pm Stop Time:

Difficulty coming up w/ phrases – more awkward with SR

Liked voice b/c felt it was less physically demanding – but also felt more embarrassed about talking aloud

Also liked typing for privacy reasons

Participant 13:

Keyboard, Set B

Start Time: 1:00pm Stop Time: 1:40pm

Took a long time

SR not working great

Preferred typing – don’t like saying things aloud.

Have to think about what you want to say – need to know exact phrasing beforehand

Awkward to talk in front of people

Even without other people around, SR takes more mind power

Participant 14:

Speech, Set A

Start Time: 3:27pm Stop Time:

Preferred keyboard

Prefer writing instead of talking aloud

Easier to correct phrase using kbd

Participant 15:

Keyboard, Set A

Start Time: 4:04pm Stop Time:

Finds SR on the pixel to be much better than his phone

Preferred voice – not stressful on hands, and faster

Participant 16:

Speech, Set B

Start Time: 3:36pm Stop Time:

Preferred voice – because it was quicker, didn’t have to type everything

Participant 17:

Keyboard, Set B

Start Time: 12:07pm Stop Time: 12:55pm

Not used to Android keyboard

1st trial took a little long – kinda slow in general

Preferred typing – b/c speech isn’t super accurate, has trouble with accent. Correction is cumbersome

Participant 18:

Speech, Set A

Start Time: 1:04pm Stop Time: 1:33pm

Preferred voice – didn’t have to type. Easier to articulate thoughts with speech

Participant 19:

Keyboard, Set A

Start Time: 2:00pm Stop Time:

Recognition is pretty bad

Preferred typing – does use SR, but Pixel wasn’t very good.

Participant 20:

Speech, Set B

Start Time: 3:00pm Stop Time:

Preferred text – some words she said were not recognized well due to accent

Participant 21:

Keyboard, Set B

Start Time: 11:20am Stop Time: Before 11:55am

Preferred SR – felt like he had more energy to think about what he wanted to say. Less physical exertion than typing, less mental exertion – more space to think

Participant 22:

Speech, Set A

Start Time: 1:00pm Stop Time:

Preferred typing more, because he didn’t have to talk out loud. Feels awkward speaking loud, has more time to think while typing.

Participant 23:

Keyboard, Set A

Start Time: 2:06pm Stop Time: 2:50pm

Preferred text – voice is a little awkward. Had to think of what to say so it made sense. W/ typing, could think as you go

Participant 24:

Speech, Set B

Speaking was faster, but responses were more creative when typing.

Participant 25:

Keyboard, Set B

Preferred voice - less time to input text, dictation was very accurate, spend more time thinking about task, instead of wasting time on physical input

Participant 26:

Speech, Set A

Preferred voice – easier, lets him think more, focus on what he’s going to say, less fatigue from typing.

Participant 27:

Keyboard, Set A

Start Time: 2:00pm Stop Time:

Has accent + lisp – ST software not working well

Has a hard time coming up w/ phrases – many restarts

Preferred typing – can write anything I want, but have to be selective w/ speech. Privacy concerns w/ speech.

Participant 28:

Speech, Set B

Start Time: 10:35am Stop Time:

Preferred voice – faster, didn’t have to think of spelling. When it works, it’s fast.

Participant 29:

Keyboard, Set B

Does the hunt and peck

Preferred voice – it seemed quicker. Was surprised at accuracy of SR

Participant 30:

Speech, Set A

Vision problems – reading glasses

Uses hunt and peck

Pixel has better SR than his phone

Preferred voice – takes a lot longer to type it in

Participant 31:

Speech, Set A

Preferred typing. Do typing more, more used to it. Haven’t used mic before.