Appendices

Appendix 2.1

Dialect Background Questionnaire of Abyani Yemeni Arabic Speakers

You are requested to participate in this brief survey by providing required information. We assure that the information provided here will be kept very confidential and used for the research only.

Would you be willing to participate in the speech production experiment? (Put a tick mark)
Yes — No—

Personal Details: (Please specify the information in the space provided)

Name……………………………………………………………………………………………

Age…………………………………………………………………………………………

Place of birth………………………………………………………………………………

Where are you staying now?
………………………………………………………………………………………………

Gender (Put a tick mark)
Female— Male—

Qualifications………………………………………………………………………………

Occupation………………………………………………………………………………

Which Yemeni dialect do you belong to?
………………………………………………………………………………………………

Do your parents belong to the same dialect? (Put a tick mark)
Yes — No—

Which dialect do your parents speak at home?
………………………………………………………………………………………………

Do you speak any other dialects? (Put a tick mark)
Yes — No—

Which dialect do your parents speak at home?
………………………………………………………………………………………………

Please write your contact number

Thanking you for filling out the above questions about your dialect background. The experiments you are going to participate in aims at providing more information in the field of linguistics on the Yemeni Arabic dialects.
Appendix 2.2

Dialect Background Questionnaire of Hadhrami Yemeni Arabic Speakers

You are requested to participate in this brief survey by providing required information. We assure that the information provided here will be kept very confidential and used for the research only.

| Would you be willing to participate in the speech production experiment? (Put a tick mark) |
| Yes — | No— |

Personal Details: (Please specify the information in the space provided)

| Name………………………………………………………………………………………………… |
| Age………………………………………………………………………………………………… |
| Place of birth…………………………………………………………………………………… |
| Where are you staying now?………………………………………………………………………… |

Gender (Put a tick mark)

| Female— | Male— |

Qualifications…………………………………………………………………………………… |

Occupation…………………………………………………………………………………… |

Which Yemeni dialect do you belong to?

……………………………………………………………………………………………… |

Do your parents belong to the same dialect? (Put a tick mark)

| Yes — | No— |

Which dialect do your parents speak at home?

……………………………………………………………………………………………… |

Do you speak any other dialects? (Put a tick mark)

| Yes — | No— |

Which dialect do your parents speak at home?

……………………………………………………………………………………………… |

Please write your contact number

Thanking you for filling out the above questions about your dialect background. The experiments you are going to participate in aims at providing more information in the field of linguistics on the Yemeni Arabic dialects.
## Appendix 2.3

### Dialect Background Questionnaire of Ta’izzi Yemeni Arabic Speakers

You are requested to participate in this brief survey by providing required information. We assure that the information provided here will be kept very confidential and used for the research only.

| Would you be willing to participate in the speech production experiment? (Put a tick mark) |
| Yes — | No— |

### Personal Details: (Please specify the information in the space provided)

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<td>Which Yemeni dialect do you belong to?</td>
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<td>Do your parents belong to the same dialect? (Put a tick mark)</td>
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<td>Yes —</td>
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<tr>
<td>Which dialect do your parents speak at home?</td>
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<td>Do you speak any other dialects? (Put a tick mark)</td>
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<td>Yes —</td>
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<td>Which dialect do your parents speak at home?</td>
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Please write your contact number

Thanking you for filling out the above questions about your dialect background. The experiments you are going to participate in aims at providing more information in the field of linguistics on the Yemeni Arabic dialects.
Appendix 2.4

This section provides a set of instructions that were given orally to the Yemeni Arabic native speakers to guide through the procedure of recording.

- Read the entire data which will be given to you in your home dialect.
- Read the sentences in a normal speech rate (neither slow nor fast).
- Take your time with the reading material and ask if you have any enquiries.
- If you make mistake or hesitate while you are reading the sentences, try to re-read the sentence immediately.
- Take short breaks during the recording sessions if you want.
- The carrier sentence will be shown to you as a slide show in PowerPoint on “14 inch Sony laptop”.
- Utter each carrier sentence four times.
- Then press ‘Enter’ key on the keyboard of the laptop to let you to switch to the next second carrier sentence.
- Follow the same procedure with all the following carrier sentences in all the experiments.
- Before you start the actual recording, try to practice by reading a randomized list of monosyllabic and disyllabic words that are embedded in carrier sentences.
- Actual recordings will begin after your trail recordings and after you say that you understand the instructions without any doubts.
- Each session of recordings takes at least 15 minutes for each speaker but you can take short break during the recording session if you want.
Appendix 2.5

Stimuli for Experiment 1

Target words consist of 18 meaningful and nonce words in a random order embedded in a carrier sentence: “katab <target word> ɵala:ɵ marra:t (he wrote < target word > three times)”. Target words are underlined.

- katab ban ɵala:ɵ marra:t
- katab da:n ɵala:ɵ marra:t
- katab qin ɵala:ɵ marra:t
- katab bu:n ɵala:ɵ marra:t
- katab qa:n ɵala:ɵ marra:t
- katab din ɵala:ɵ marra:t
- katab dan ɵala:ɵ marra:t
- katab di:n ɵala:ɵ marra:t
- katab qu:n ɵala:ɵ marra:t
- katab ba:n ɵala:ɵ marra:t
- katab qun ɵala:ɵ marra:t
- katab dun ɵala:ɵ marra:t
- katab qan ɵala:ɵ marra:t
- katab du:n ɵala:ɵ marra:t
- katab bun ɵala:ɵ marra:t
- katab bi:n ɵala:ɵ marra:t
- katab gi:n ɵala:ɵ marra:t
- katab bin ɵala:ɵ mar
Appendix 2.6

Stimuli for Experiment 2

Target words consist of 19 meaningful words in a random order embedded in a carrier sentence: “katab <target word> sabaʕ marra:t (he wrote < target word > seven times)”. These are the target words after excluding some words from the acoustic analysis.

- katab qihi:m sabaʕ marra:t
- katab kiri:m sabaʕ marra:t
- katab gidi:d sabaʕ marra:t
- katab manhu:s sabaʕ marra:t
- katab manzu:ʃ sabaʕ marra:t
- katab manqu:l sabaʕ marra:t
- katab mahru:m sabaʕ marra:t
- katab mahbu:b sabaʕ marra:t
- katab hufrah sabaʕ marra:t
- katab sumʕah sabaʕ marra:t
- katab qa:lis sabaʕ marra:t
- katab wa:fi sabaʕ marra:t
- katab xa:mil sabaʕ marra:t
- katab na:ʃim sabaʕ marra:t
- katab ta:mir sabaʕ marra:t
- katab na:ʃis sabaʕ marra:t
- katab na:hid sabaʕ marra:t
- katab xibrih sabaʕ marra:t
- katab hirfah sabaʕ marra:t
Appendix 2.7

Stimuli for Experiment 3

Target words consist of 14 meaningful words and 14 nonce words in a random order embedded in a carrier sentence: “katab <target word> oala:o marra:t (he wrote <target word> three times)”. Target words are underlined.

- katab ha:fiðˁ oala:o marra:t
- katab xa:lisˁ oala:o marra:t
- katab tˁa:liq oala:o marra:t
- katab ðˁa:lim oala:o marra:t
- katab ha:fið oala:o marra:t
- katab xa:lis oala:o marra:t
- katab na:ðˁim oala:o marra:t
- katab na:ðim oala:o marra:t
- katab xa:tˁib oala:o marra:t
- katab dˁa:mir oala:o marra:t
- katab ta:liq oala:o marra:t
- katab ða:lim oala:o marra:t
- katab fa:sˁir oala:o marra:t
- katab da:mir oala:o marra:t
- katab fa:sir oala:o marra:t
- katab fa:dˁil oala:o marra:t
- katab tˁari:q oala:o marra:t
- katab xa:tib oala:o marra:t
- katab ða:lim oala:o marra:t
- katab fa:dil oala:o marra:t
- katab tˁari:q oala:o marra:t
- katab fa:sir oala:o marra:t
- katab niða:m oala:o marra:t
- katab ðali:m oala:o marra:t
- katab fa:sir oala:o marra:t
- katab xa:tib oala:o marra:t
- katab xita:b oala:o marra:t
- katab niða:m oala:o marra:t
- katab xita:b oala:o marra:t