**Supplementary Materials**

***Table S1****: The passage used in the study, an excerpt from ‘1984’ by George Orwell by presented utterance (with analyzed nasals underlined).*

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| 1. | It was a bright cold day in April, and the clocks were striking **thirteen.** Winston Smith, his chin nuzzled into his breast in an effort to escape the vile wind, slipped quickly through the glass doors of Victory Mansions, though not quickly enough to prevent a swirl of gritty dust **from** **entering** along with **him.** |
| 2. | … At **one** end of it a coloured poster, too large for indoor display, had been tacked to the wall. It depicted **simply** an enormous face, more **than** a metre wide: the face of a **man** of about forty-five, with a heavy black moustache and ruggedly handsome features. |
| 3. | … **Even** at the best of times it was seldom **working**, and at present the electric current was cut off during daylight hours. |
| 4. | The flat was seven flights up, and **Winston**, who was **thirty-nine** and had a varicose ulcer above his right ankle, went slowly, resting several times on the way. On each **landing**, opposite the lift-shaft, the poster with the enormous face gazed from the wall. |
| 5. | It was **one** ofthose pictures which are so contrived that the eyes follow you about when you move. BIG BROTHER IS WATCHING YOU, the caption beneath it **ran**. |
| 6. | Inside the flat a fruity voice was **reading** out a list of figures which had something to do with the **production** of **pig-iron**. The voice came **from** an oblong metal plaque like a dulled mirror which formed part of the surface of the right-hand wall. |
| 7. | Winston turned a switch and the voice **sank** somewhat, though the words were still distinguishable. The instrument (the **telescreen**, it was called) could be dimmed, but there was no way of **shutting** it off completely. |
| 8. | He moved over to the window: a smallish, frail figure, the meagreness of his body merely emphasized by the blue overalls which were the **uniform** of the party. His hair was very fair, his face naturally **sanguine**, his skin roughened by coarse soap and **blunt** razor blades and the cold of the winter that had just ended. |
| 9. | Outside, even through the shut **window-pane**, the world looked cold. **Down** in the street little eddies of wind were whirling dust and torn paper into spirals, and though the sun was **shining** and the sky a harsh blue, there seemed to be no colour in **anything**, except the posters that were plastered everywhere. |
| 10. | The black moustachio’d face gazed down **from** every commanding corner. There was **one** on the house-front immediately opposite. BIG BROTHER IS WATCHING YOU, the caption said, while the dark eyes looked deep into Winston's **own**. |
| 11. | **Down** at street level another poster, **torn** at one corner, flapped fitfully in the wind, alternately **covering** and uncovering the single word INGSOC. |
| 12. | In the far distance a helicopter skimmed down between the roofs, hovered for an instant like a bluebottle, and darted away again with a curving flight. It was the police patrol, **snooping** into people's windows. … |

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| a. | Chart, calendar, box and whisker chart  Description automatically generated |
| b. | Chart, calendar  Description automatically generated |
| c. | Calendar  Description automatically generated |

**Figure S1**: Boxplots of (a) Alveolar Closure and (b) Velar Closure values by consonant and speaker for nasals in the balanced set.

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| A screenshot of a computer  Description automatically generated with low confidence | A picture containing text, cabinet, screenshot  Description automatically generated |
| a. | b. |
| Calendar  Description automatically generated | |
| c. | |

**Figure S1**: Boxplots of (a) Alveolar Closure and (b) Velar Closure values by consonant and speaker for nasals in the entire corpus.