|                                      | <b>V</b> au <sup>to</sup> | o,1<br>Vbike | v <sub>tran</sub> | sit, <sup>1</sup><br>Vwalk | √aut <sup>(</sup> | o + transit,<br>Voth | 1<br>ner_mode,<br>Voth | 1<br>ner_combinat |
|--------------------------------------|---------------------------|--------------|-------------------|----------------------------|-------------------|----------------------|------------------------|-------------------|
| $V_{auto,0}$                         | -0.3                      | 0.3          | 0.4               | -0.54                      | 0.7               | 0.5                  | 0.5                    |                   |
| $V_{\it bike,0}$                     | 0.32                      | 0.42         | -0.27             | -0.27                      | -0.25             | -0.14                | 0.0                    |                   |
| $V_{\it transit,0}$                  | 1.14                      | 0.25         | 0.03              | 1.22                       | 0.05              | -0.09                | -0.15                  |                   |
| $V_{\it walk,0}$                     | 0.42                      | 0.34         | -0.55             | 2.09                       | 0.59              | -0.23                | -0.19                  |                   |
| V <sub>auto + transit, 0</sub>       | 0.26                      | -0.31        | 0.44              | -0.03                      | 0.29              | -1.02                | -0.73                  |                   |
| $V_{other\_mode,0}$                  | 1.36                      | 0.25         | -0.15             | 0.66                       | 0.59              | 0.29                 | -0.55                  |                   |
| $V_{other\_combination,0}$           | 0.0                       | 0.0          | 0.0               | 0.0                        | 0.0               | 0.0                  | 1.0                    |                   |
| (a) ResLogit weight matrix (layer 1) |                           |              |                   |                            |                   |                      |                        |                   |