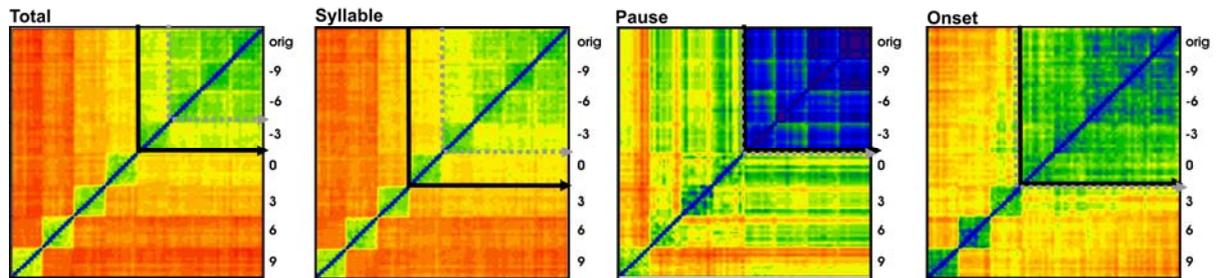
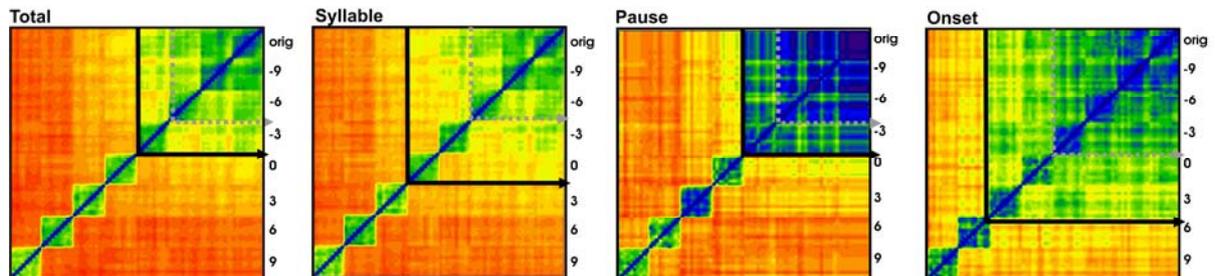


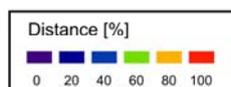
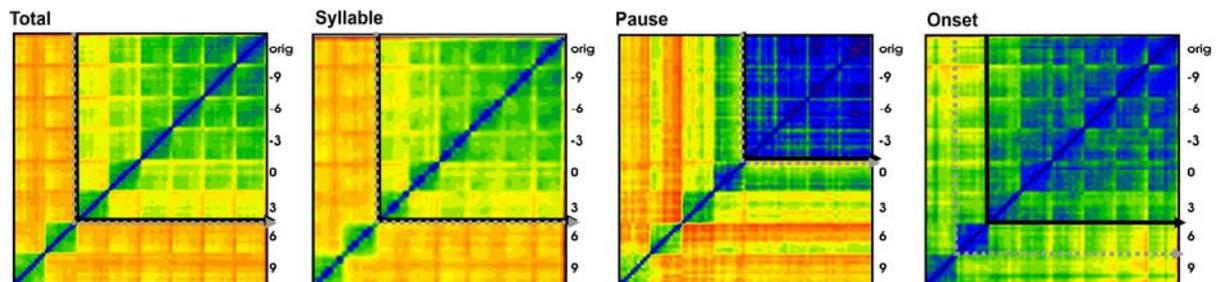
REC



SN1



TN1



**Online Resource 6** Distance matrices of a receptor cell (upper row) and two local interneurons SN1 and TN1 (middle and lower row). For each cell, the matrices of the total response, the syllable response, the pause response and the Onset response are shown. Distances are color coded from blue to red (zero to maximum distance). The nCDLs for each cell, as determined by the discrimination analysis (grey, dashed line) and the information-based clustering algorithm (black, solid line) (see Fig.5), are indicated.

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