Multivariate analysis is sufficient for lesion-behaviour mapping : Supplementary materials

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We provide in these supplementary materials the results of our experiments on four other brain region pairs.

These region pairs are $\{108, 114\}$ (figure 1), $\{109, 114\}$ (figure 2), $\{79, 108\}$ (figure 3), and $\{80, 108\}$ (figure 4).

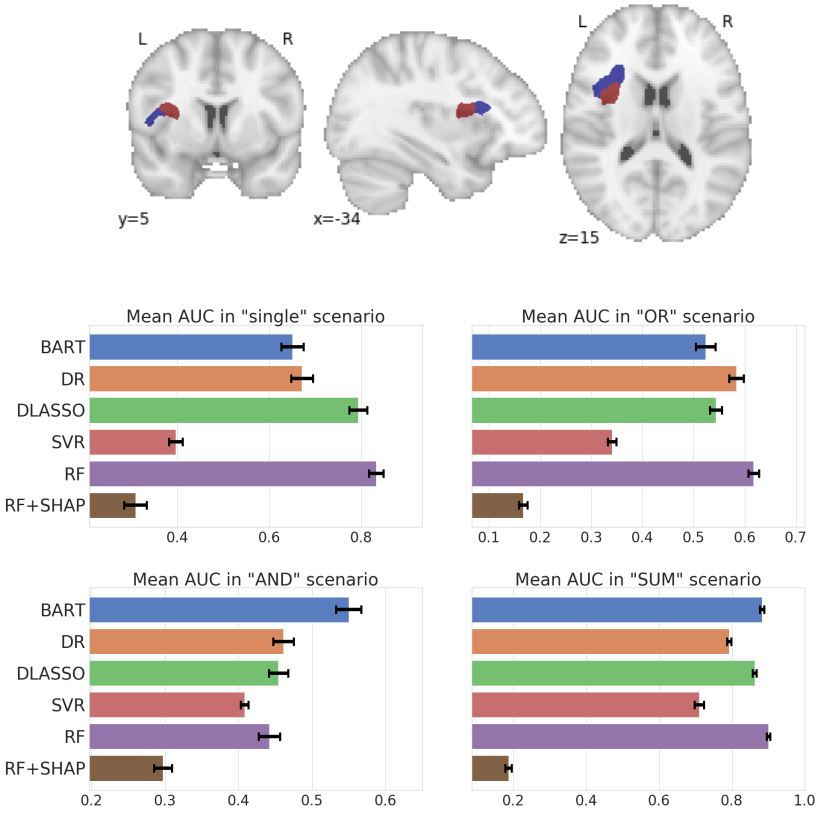

FIGURE 1: Location of regions 108 and 114 in the brain and results of our experiments on this region pair. Area under the precision-recall curve for our 6 models under the four simulation scenarii. Signal to noise ratio is equal to 1. Results are averaged over 50 bootstrap runs.

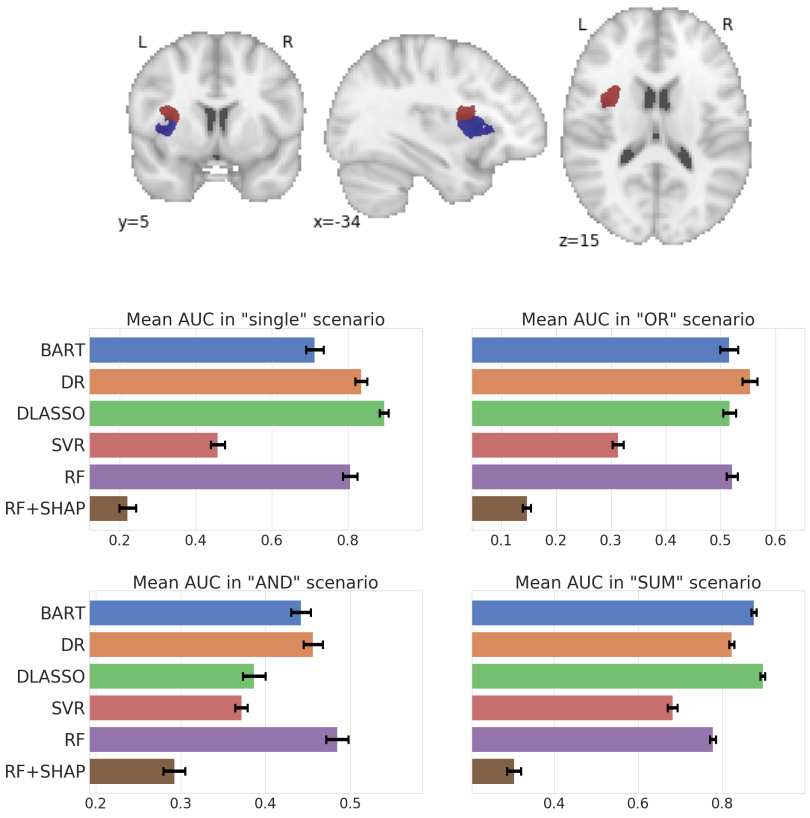

FIGURE 2: Location of regions 109 and 114 in the brain and results of our experiments on this region pair. Area under the precision-recall curve for our 6 models under the four simulation scenarii. Signal to noise ratio is equal to 1. Results are averaged over 50 bootstrap runs.

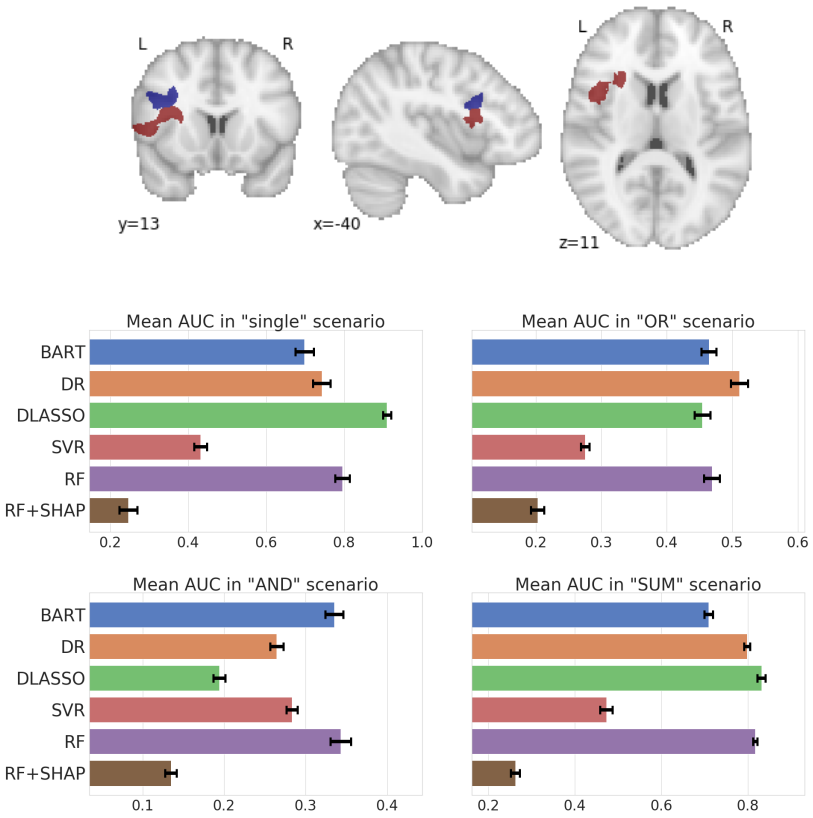

FIGURE 3: Location of regions 79 and 108 in the brain and results of our experiments on this region pair. Area under the precision-recall curve for our 6 models under the four simulation scenarii. Signal to noise ratio is equal to 1. Results are averaged over 50 bootstrap runs.

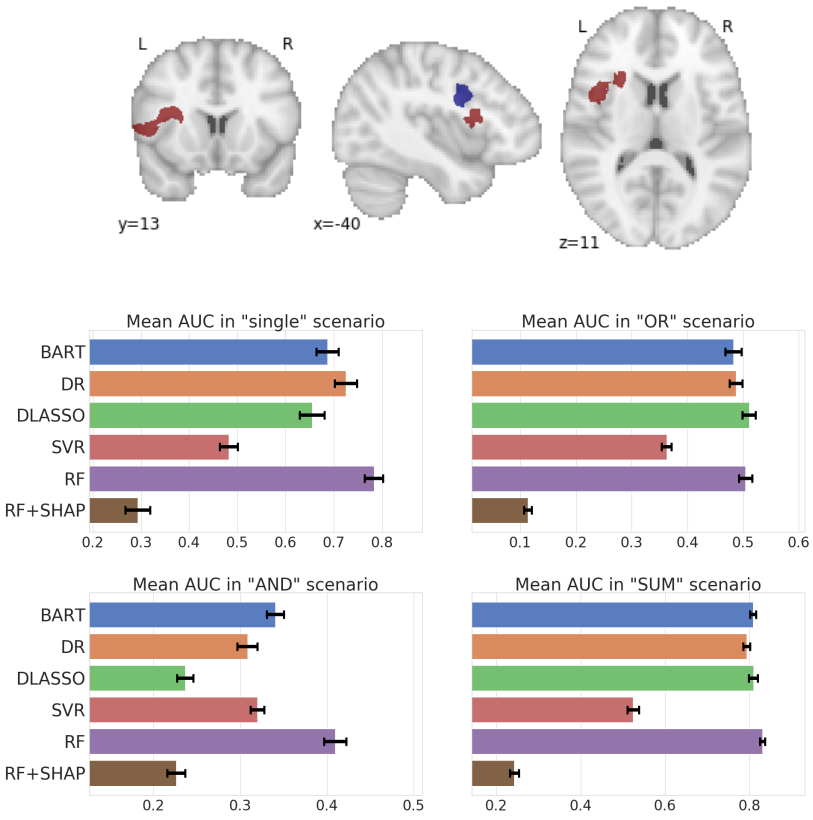

FIGURE 4: Location of regions 80 and 108 in the brain and results of our experiments on this region pair. Area under the precision-recall curve for our 6 models under the four simulation scenarii. Signal to noise ratio is equal to 1. Results are averaged over 50 bootstrap runs.