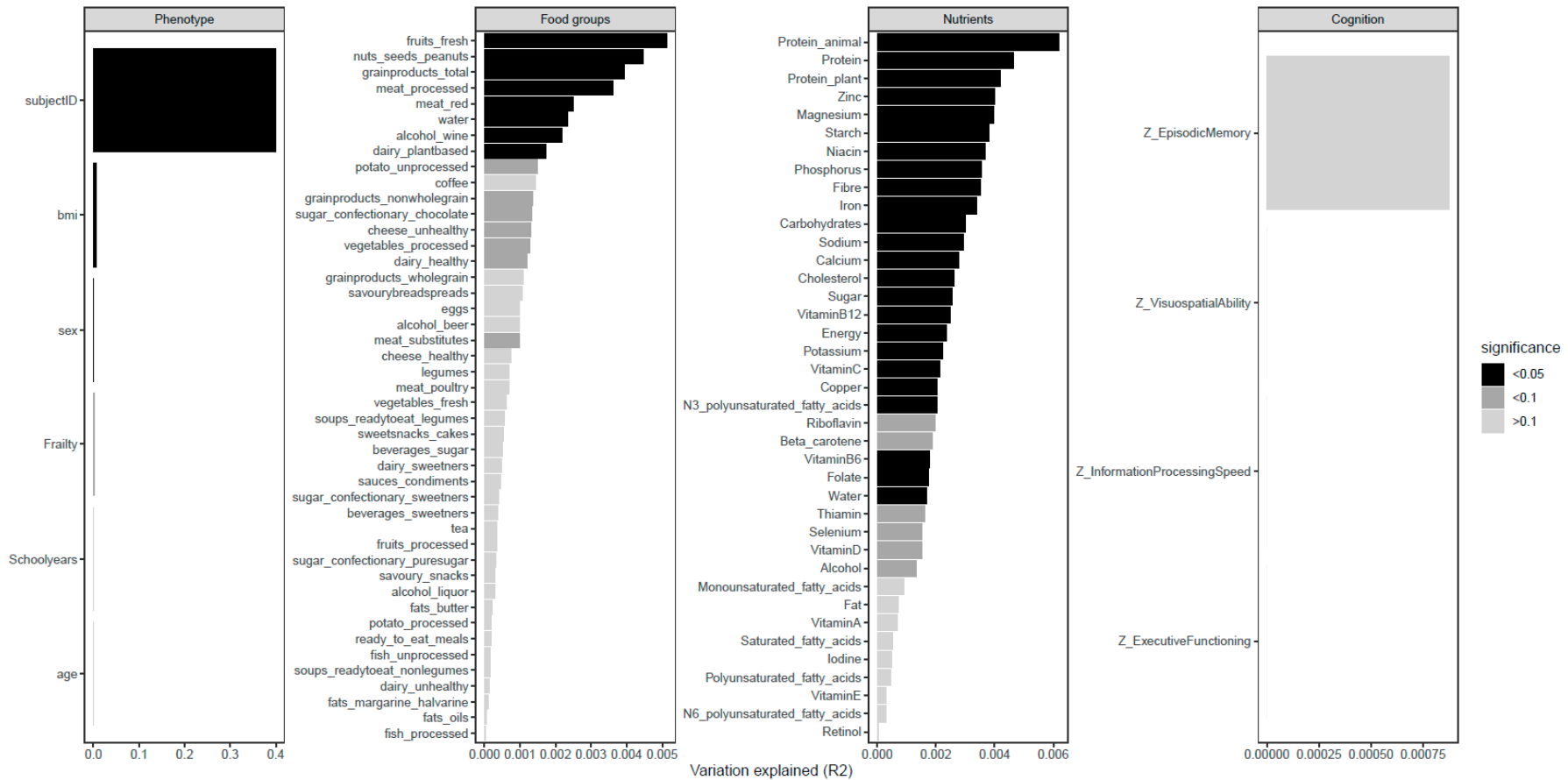


Pro- and anti-inflammatory gastro-intestinal microbiota profiles are related to dietary patterns richer in animal- or plant-based foods, but not to cognitive functioning, in Dutch healthy older adults: the NU-AGE study

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Online Supplementary Material



**Supplementary figure 1: Microbiota covariates.** Impact of the individual and all measured variables and on microbiota composition defined as percentage variation explained (R<sup>2</sup>) out of the total microbiota variation. A higher R<sup>2</sup> implies a stronger effect size.

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**Supplementary table 1.** Pearson correlation of alpha-diversity with fresh fruit categories. P-values are corrected for multiple testing using the Benjamini-Hochberg procedure.

	<b>Richness</b>	<b>Corrected p-value</b>	<b>Shannon diversity</b>	<b>Corrected p-value</b>	<b>Inverse Simpson diversity</b>	<b>Corrected p-value</b>
Total fresh fruits	0.170	<0.001	0.157	<0.001	0.105	0.026
Citrus fruits	0.133	0.005	0.105	0.025	0.086	0.067
Apples and pears	0.098	0.037	0.071	0.129	0.022	0.640
Berries and grapes	0.130	0.006	0.115	0.015	0.102	0.030
Banana	-0.065	0.169	-0.048	0.309	-0.092	0.051
Stone fruits	0.062	0.192	0.085	0.071	0.095	0.044
Melon	-0.010	0.827	-0.008	0.867	-0.019	0.692
Tropical fruits	0.086	0.067	0.087	0.063	0.055	0.246