

Supplemental data

Supplemental Table 6: Standardized Regression Coefficients (β) and 95% confidence intervals of the association between dietary patterns and gut bacteria compositional patterns in 186 older German adults

	BCP1	BCP2	BCP3	BCP4	BCP5	BCP6	BCP7
“Alcohol and red meat”	0.02 (-0.97, 1.00)	0.27 (-0.03, 0.57)	-0.15 (-0.45, 0.14)	-0.11 (-0.33, 0.12)	0.05 (-0.17, 0.26)	-0.10 (-0.30, 0.11)	-0.15 (-0.34, 0.04)
“Bread, margarine, and processed meat”	-0.40 (-1.15, 0.34)	-0.03 (-0.25, 0.20)	0.08 (-0.14, 0.31)	-0.16 (-0.33, 0.01)	-0.01 (-0.17, 0.15)	-0.01 (-0.17, 0.14)	-0.08 (-0.23, 0.07)
“Fruiting vegetables and vegetable oils”	0.47 (-0.49, 1.43)	0.05 (-0.25, 0.34)	-0.02 (-0.30, 0.27)	-0.01 (-0.23, 0.21)	-0.02 (-0.23, 0.19)	-0.03 (-0.23, 0.18)	-0.10 (0.29, 0.09)
“Tea and miscellaneous”	0.26 (-0.39, 0.91)	0.03 (-0.17, 0.23)	-0.17 (-0.37, 0.02)	-0.002 (-0.15, 0.15)	0.001 (-0.14, 0.14)	-0.03 (-0.17, 0.10)	0.01 (-0.12, 0.14)
“Pasta and rice, and sauces”	0.03 (-0.91, 0.97)	0.25 (-0.04, 0.53)	-0.07 (-0.35, 0.22)	-0.07 (-0.28, 0.15)	-0.09 (-0.29, 0.12)	-0.13 (-0.33, 0.06)	-0.004 (-0.19, 0.18)

BCP1=“*Veillonellaceae*, *Comamonadaceae*, and Family *XI*-dominated”

BCP2=“*Erysipelotrichaceae*, *Coriobacteriaceae*, and *Lachnospiraceae*”

BCP3= “*Ruminococcaceae*-dominated”

BCP4=“*Anaerovibrio*, *Uncultured genus* in family *Rhodospirillaceae*, and *Brachyspira* genera”

BCP5=“*Prevotella* 6, *Ezakiella*, and *Porphyromonas* genera”

BCP6=“*Butyrivibrio*, *Unidentified genus* in family *uncultured organism*, order NB1-n, and *Victivallis* genera ”

BCP7= “*Enterobacteriaceae*”