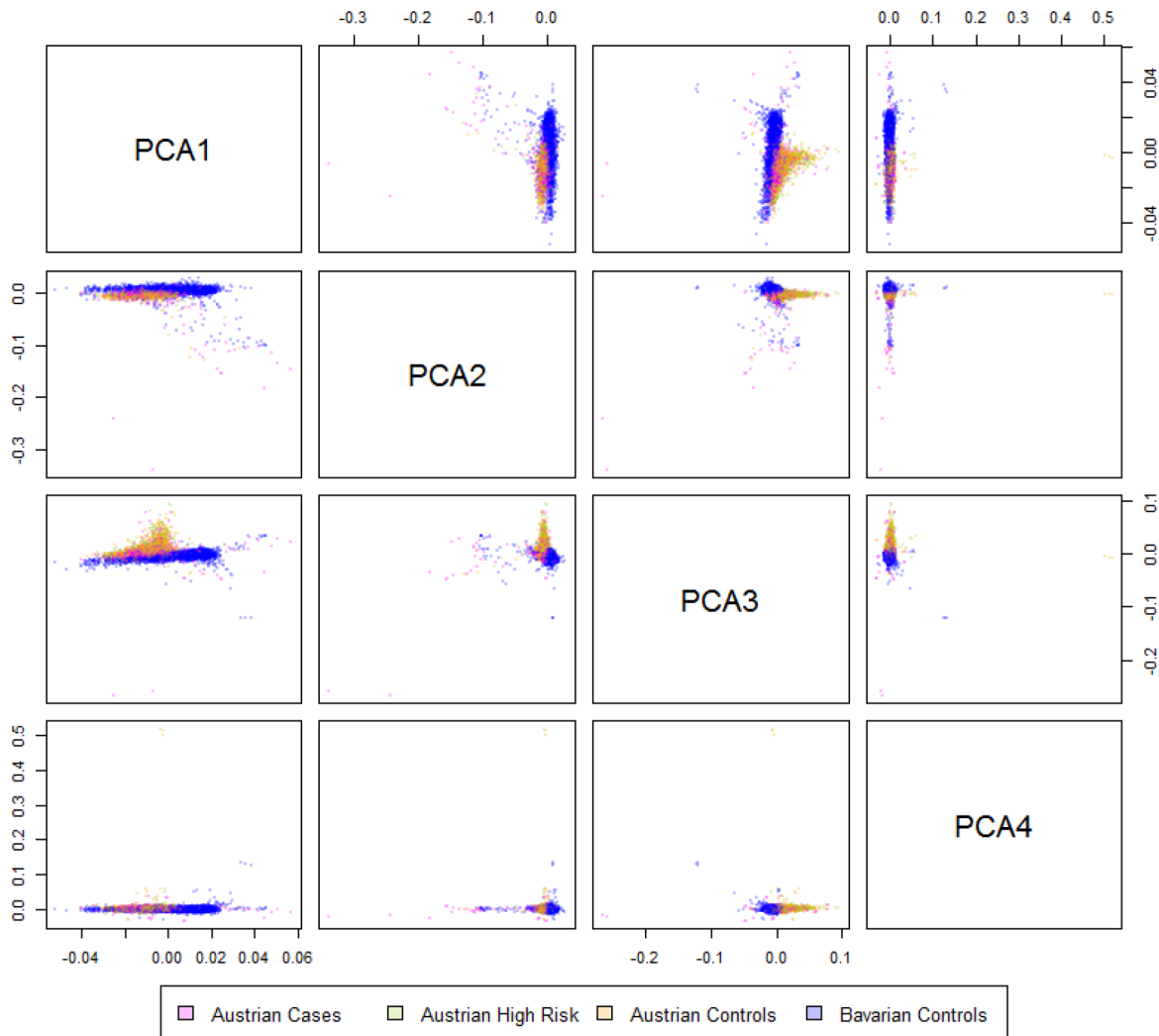


Bayesian and frequentist analysis of an Austrian genome-wide association study of colorectal cancer and advanced adenomas

SUPPLEMENTARY MATERIALS



Supplementary Figure 1: PCA plot. The first 4 PCs are plotted against each other. Case-control status is indicated by coloured shading.

Supplementary Table 1: UICC staging and localization of post-QC samples

	CRC (A)	AA (B)
UICC Stage		
I	153	-
II	224	-
III	376	-
IV	112	-
X¹	66	-
Missing	47	-
Location		
Colon – distal²	296	288
Colon – proximal³	257	215
Rectal⁴	401	113
Missing	24	20
Amount of polyps		
one	-	436
two	-	93
more than two	-	88
Missing	-	19

CRC Colorectal cancer cases.

AA Advanced adenomas.

¹ UICC staging not possible (e.g. incomplete TNM or palliative surgery).

² sigmoid colon, descending colon, splenic flexure.

³ transverse colon, hepatic flexure, ascending colon, cecum, appendix.

⁴ rectum, rectosigmoid junction.

Supplementary Table 2: The 200 top ranking SNPs for each case-control contrast. The four different case and control groups were colorectal cancer cases (A), advanced colorectal adenomas (B), CORSA controls (C) and KORA controls (D).

See Supplementary File 1