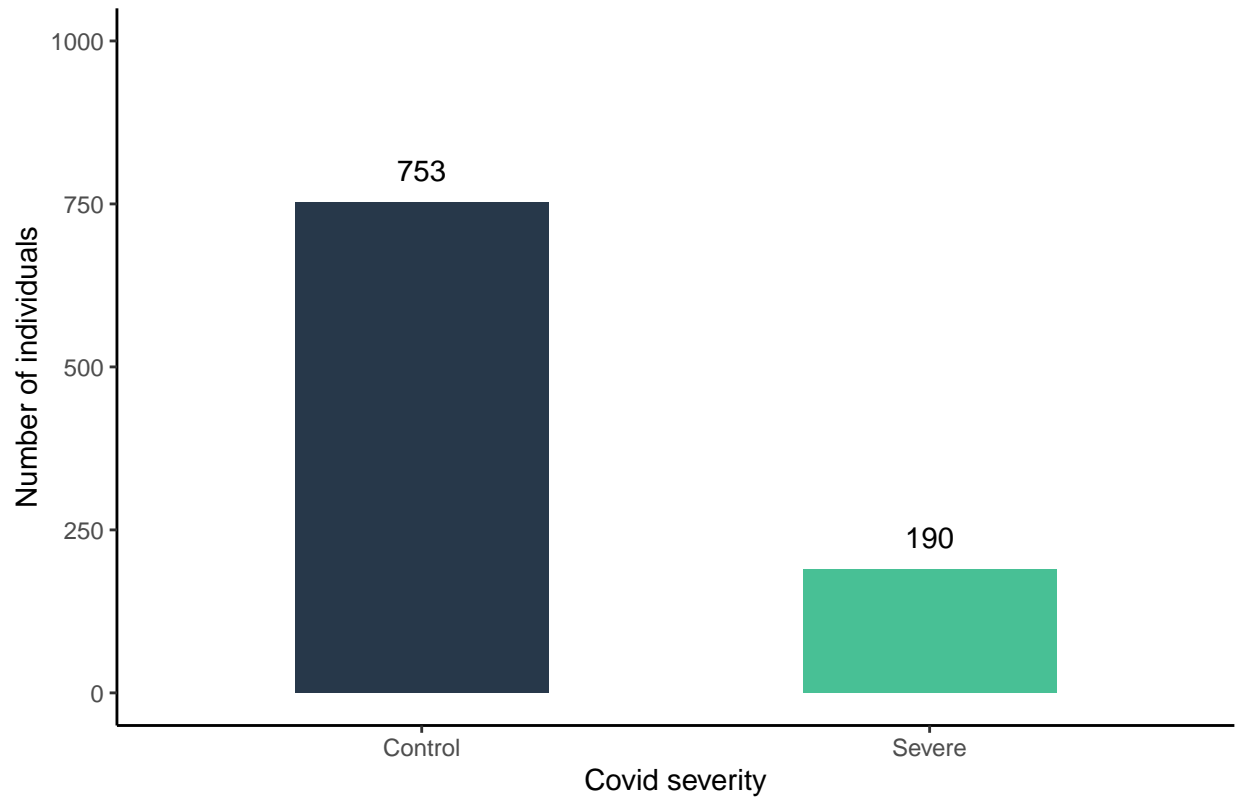


# OAS\_panel

Results on cohort of 943 unrelated individuals

## 1. Cohort information

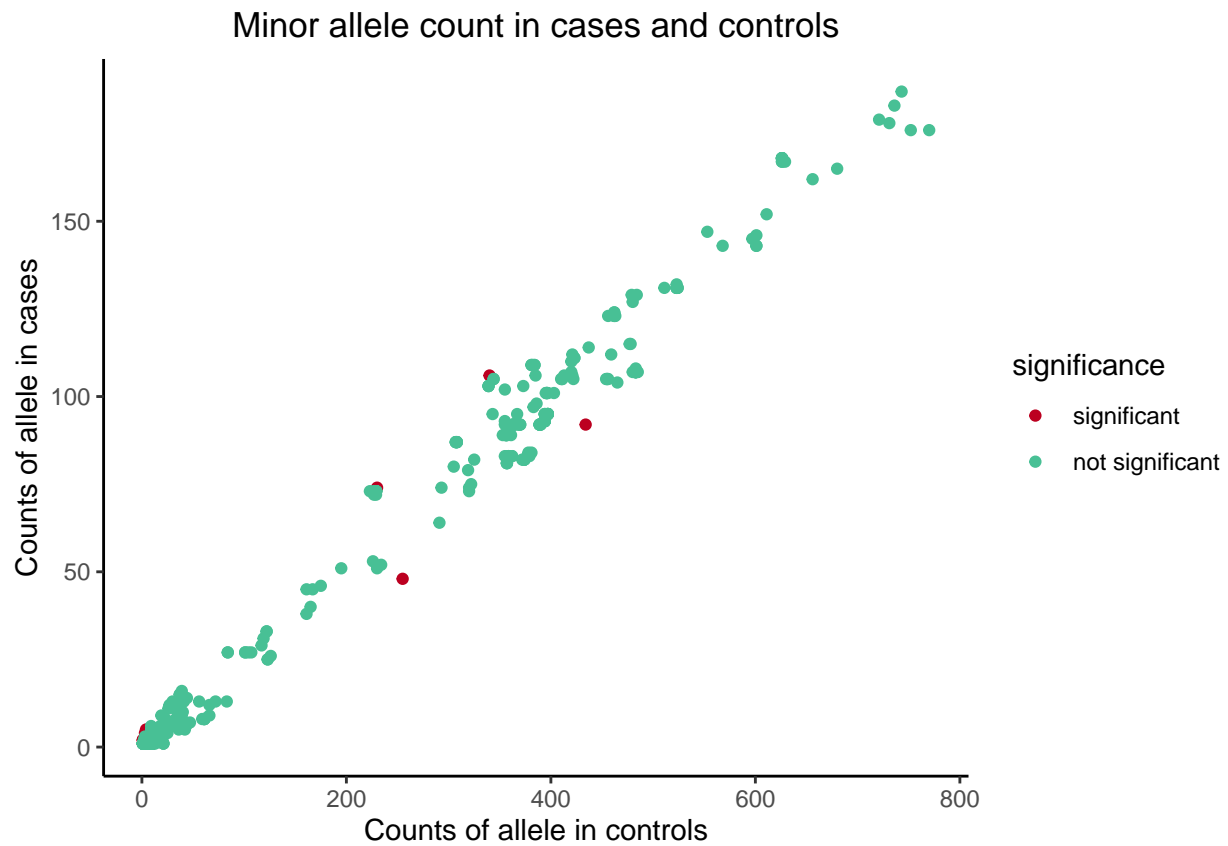
Distribution of covid severity in cohort of 943 individuals



Control label include mild benign and resistant response to COVID-19 infection

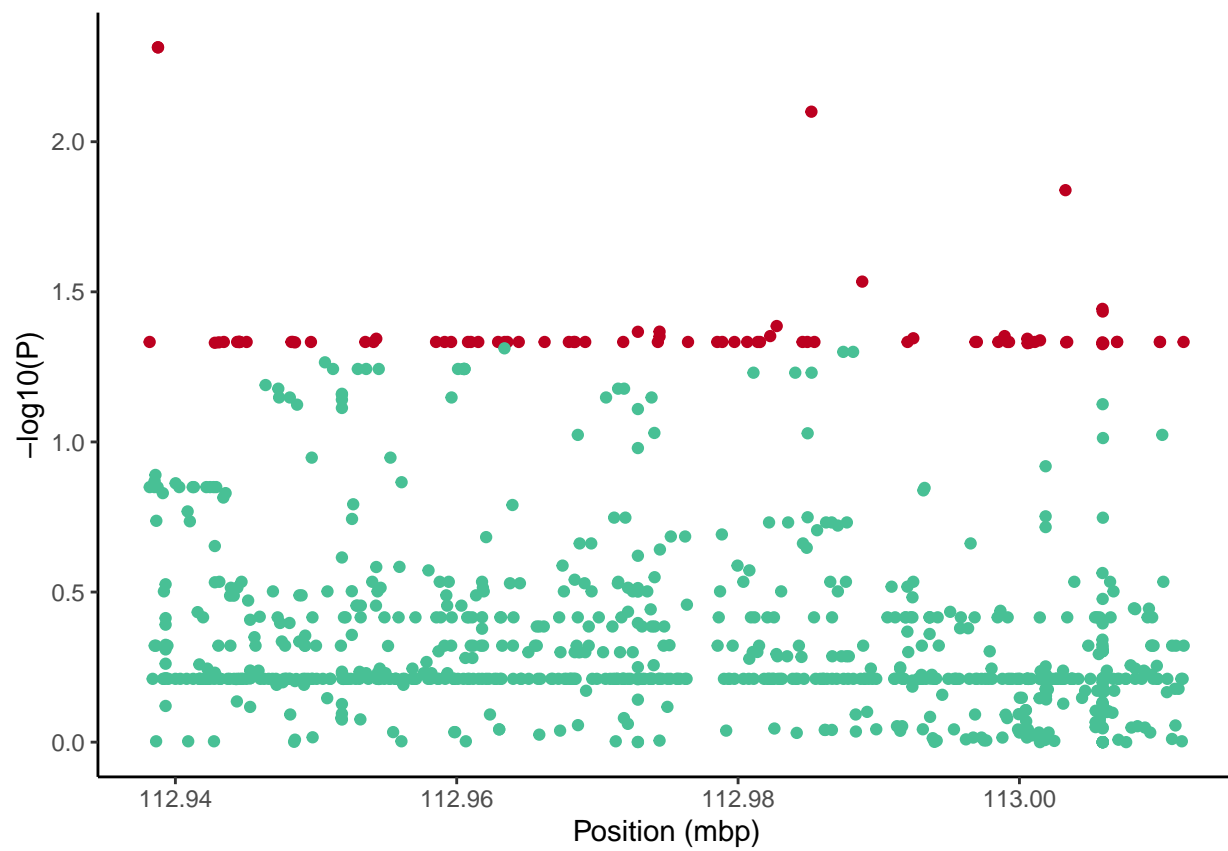
## 2. Results

Association study was performed by comparison of allele counts in cases and controls with Chi-square test. Significance of variants is expressed in form of q-values which are FDR adjusted p-values.



### Manhattan plot

Red points are SNPs with  $q\text{value} < 0.32$



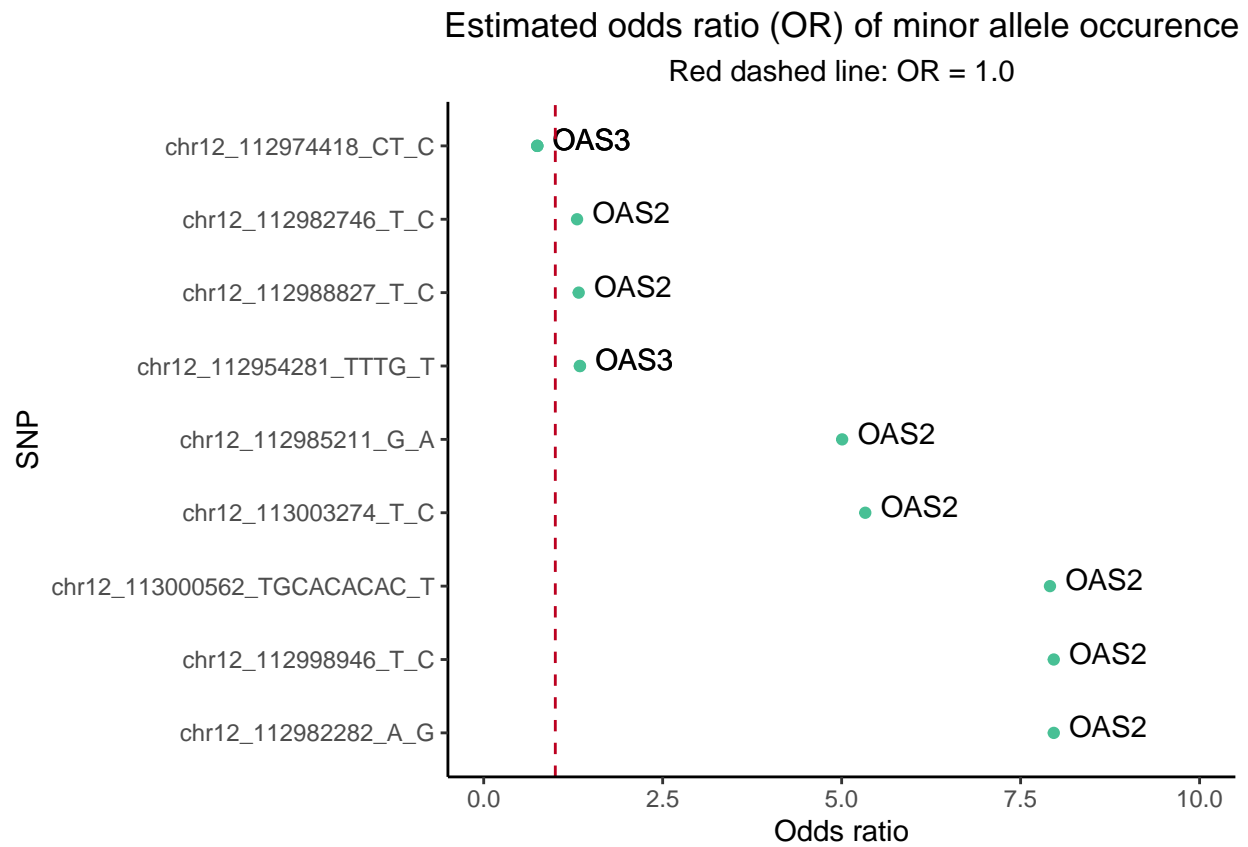


Table 1: Variants with q-value &lt; 0.32

SNP	SYMBOL	A2	A1	case_count	ctrl_count	qvalue
chr12_112938171_A_G	OAS3	A	G	1	0	0.3138914
chr12_112938761_GCTT_G	OAS3	GCTT	G	2	0	0.3138914
chr12_112938765_A_G	OAS3	A	G	2	0	0.3138914
chr12_112943090_A_G	OAS3	A	G	1	0	0.3138914
chr12_112943444_C_T	OAS3	C	T	1	0	0.3138914
chr12_112944393_C_T	OAS3	C	T	1	0	0.3138914
chr12_112944476_G_T	OAS3	G	T	1	0	0.3138914
chr12_112944549_C_T	OAS3	C	T	1	0	0.3138914
chr12_112944557_C_T	OAS3	C	T	1	0	0.3138914
chr12_112944577_C_T	OAS3	C	T	1	0	0.3138914
chr12_112945064_C_T	OAS3	C	T	1	0	0.3138914
chr12_112948252_T_C	OAS3	T	C	1	0	0.3138914
chr12_112948349_G_A	OAS3	G	A	1	0	0.3138914
chr12_112948503_A_C	OAS3	A	C	1	0	0.3138914
chr12_112949638_C_T	OAS3	C	T	1	0	0.3138914
chr12_112953503_G_A	OAS3	G	A	1	0	0.3138914
chr12_112954087_T_A	OAS3	T	A	1	0	0.3138914
chr12_112954281_TTTG_T	OAS3	TTTG	T	74	230	0.3138914
chr12_112954281_TTTG_T	OAS3	TTTG	T	74	230	0.3138914
chr12_112958531_T_G	OAS3	T	G	1	0	0.3138914
chr12_112959140_G_A	OAS3	G	A	1	0	0.3138914
chr12_112959600_T_C	OAS3	T	C	1	0	0.3138914
chr12_112960802_G_T	OAS3	G	T	1	0	0.3138914
chr12_112961003_G_T	OAS3	G	T	1	0	0.3138914
chr12_112961532_T_TC	OAS3	T	TC	1	0	0.3138914
chr12_112962941_C_A	OAS3	C	A	1	0	0.3138914
chr12_112963407_G_T	OAS3	G	T	1	0	0.3138914
chr12_112963599_G_A	OAS3	G	A	1	0	0.3138914
chr12_112964409_G_T	OAS3	G	T	1	0	0.3138914
chr12_112966245_C_A	OAS3	C	A	1	0	0.3138914
chr12_112967973_C_G	OAS3	C	G	1	0	0.3138914
chr12_112968324_G_A	OAS3	G	A	1	0	0.3138914
chr12_112968406_T_C	OAS3	T	C	1	0	0.3138914
chr12_112969133_C_CA	OAS3	C	CA	1	0	0.3138914
chr12_112971835_G_A	OAS3	G	A	1	0	0.3138914
chr12_112974299_G_A	OAS3	G	A	1	0	0.3138914
chr12_112974418_CT_C	OAS3	C	CT	92	434	0.3138914
chr12_112974418_CT_C	OAS3	C	CT	92	434	0.3138914
chr12_112974418_CT_C	OAS3	C	CT	92	434	0.3138914
chr12_112976440_A_G	OAS3	A	G	1	0	0.3138914
chr12_112978520_G_C	OAS2	G	C	1	0	0.3138914
chr12_112978879_C_T	OAS2	C	T	1	0	0.3138914
chr12_112979742_C_T	OAS2	C	T	1	0	0.3138914
chr12_112980650_G_A	OAS2	G	A	1	0	0.3138914
chr12_112981393_A_G	OAS2	A	G	1	0	0.3138914
chr12_112981558_T_G	OAS2	T	G	1	0	0.3138914
chr12_112982282_A_G	OAS2	A	G	2	1	0.3138914
chr12_112982746_T_C	OAS2	T	C	105	343	0.3138914
chr12_112984582_T_C	OAS2	T	C	1	0	0.3138914
chr12_112984926_C_T	OAS2	C	T	1	0	0.3138914

SNP	SYMBOL	A2	A1	case_count	ctrl_count	qvalue
chr12_112985211_G_A	OAS2	G	A	5	4	0.3138914
chr12_112985425_C_A	OAS2	C	A	1	0	0.3138914
chr12_112988827_T_C	OAS2	T	C	106	340	0.3138914
chr12_112992047_T_A	OAS2	T	A	1	0	0.3138914
chr12_112992457_G_T	OAS2	G	T	1	0	0.3138914
chr12_112996876_G_A	OAS2	G	A	1	0	0.3138914
chr12_112996974_C_T	OAS2	C	T	1	0	0.3138914
chr12_112998502_C_T	OAS2	C	T	1	0	0.3138914
chr12_112998946_T_C	OAS2	T	C	2	1	0.3138914
chr12_112999149_G_A	OAS2	G	A	1	0	0.3138914
chr12_112999260_G_A	OAS2	G	A	1	0	0.3138914
chr12_113000562_TGCACACAC_T	OAS2	TGCACACAC	T	2	1	0.3138914
chr12_113000579_G_A	OAS2	G	A	1	0	0.3138914
chr12_113000707_CCATGCACACA_C	OAS2	CCATGCACACA	C	1	0	0.3138914
chr12_113001098_C_G	OAS2	C	G	1	0	0.3138914
chr12_113001465_TACATATATAC_T	OAS2	TACATATATAC	T	1	0	0.3138914
chr12_113001465_TACATATATAC_T	OAS2	TACATATATAC	T	1	0	0.3138914
chr12_113003274_T_C	OAS2	T	C	4	3	0.3138914
chr12_113003325_T_G	OAS2	T	G	1	0	0.3138914
chr12_113003396_C_T	OAS2	C	T	1	0	0.3138914
chr12_113005902_A_AC	OAS2	A	AC	1	0	0.3138914
chr12_113005962_C_T	OAS2	C	T	1	0	0.3138914
chr12_113006936_C_T	OAS2	C	T	1	0	0.3138914
chr12_113006946_C_G	OAS2	C	G	1	0	0.3138914
chr12_113009982_T_C	OAS2	T	C	1	0	0.3138914
chr12_113009994_A_AG	OAS2	A	AG	1	0	0.3138914
chr12_113011668_T_C	OAS2	T	C	1	0	0.3138914