

The importance of Ethnicity: are breast cancer Polygenic Risk Scores ready for women who are not of white European origin?

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Contents

Supplementary table 1: Discrimination between cancers and controls in PROCAS using TC8 Density residual and SNP143 by white European and BAME groups

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White European	SNP143TC8DR	total	BC	no BC	%BC	% of BC	% of controls	ratio
	<1%	167	14	153	8.38%	2.25%	8.53%	0.26
	1-2%	582	92	490	15.81%	14.81%	27.31%	0.54
	2-3.5%	683	146	537	21.38%	23.51%	29.93%	0.79
	3.5-5%	345	102	243	29.57%	16.43%	13.55%	1.21
	5-7.9%	354	143	211	40.40%	23.03%	11.76%	1.96
	8%+	284	124	160	43.66%	19.97%	8.92%	2.24
	total	2415	621	1794	25.71%	100.00%	100.00%	1.00
BAME								
	<1%	2	0	2	0.00%	0.00%	2.38%	0.00
	1-2%	18	2	16	11.11%	8.33%	19.05%	0.44
	2-3.5%	28	8	20	28.57%	33.33%	23.81%	1.40
	3.5-5%	20	1	19	5.00%	4.17%	22.62%	0.18
	5-7.9%	21	7	14	33.33%	29.17%	16.67%	1.75
	8%+	19	6	13	31.58%	25.00%	15.48%	1.62
	total	108	24*	84	22.22%	100.00%	100.00%	1.00

BC-breast cancer; * This excludes 6 BAME cases from previous cancers in which TC8DRSNP143 was not available