

**S2 Table:** Comparison of results of RAFFI and KING using all participants in the UK Biobank data.

		<b>KING</b>						
		<b>MZ</b>	<b>PO</b>	<b>FS</b>	<b>2<sup>nd</sup></b>	<b>3<sup>rd</sup></b>	<b>4<sup>th</sup></b>	<b>unrelated</b>
<b>RAFFI</b>	<b>MZ</b>	179	0	0	0	0	0	0
	<b>PO</b>	0	6184	0	1	0	0	0
	<b>FS</b>	0	2	22339	5	9	0	
	<b>2<sup>nd</sup></b>	0	62	299	10875	32	0	16
	<b>3<sup>rd</sup></b>	0	22	24	1585	59363	207	168
	<b>4<sup>th</sup></b>	0	4	1	65	9780	68212	22519
	<b>unrelated</b>	0	3	0	19	175	17728	