MNAR_FEV1

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Table 1: Recover Rate

Removed	Oracle	Standard GWAS	SynSurr
top and bottom 10%	974	287(29.47%)	381(39.12%)
bottom 10%	974	617(63.35%)	711(73%)
top 10%	974	497(51.03%)	560(57.49%)
top 5 and bottom 10%	974	399(40.97%)	503(51.64%)

Table 2: False Positive Discoveries

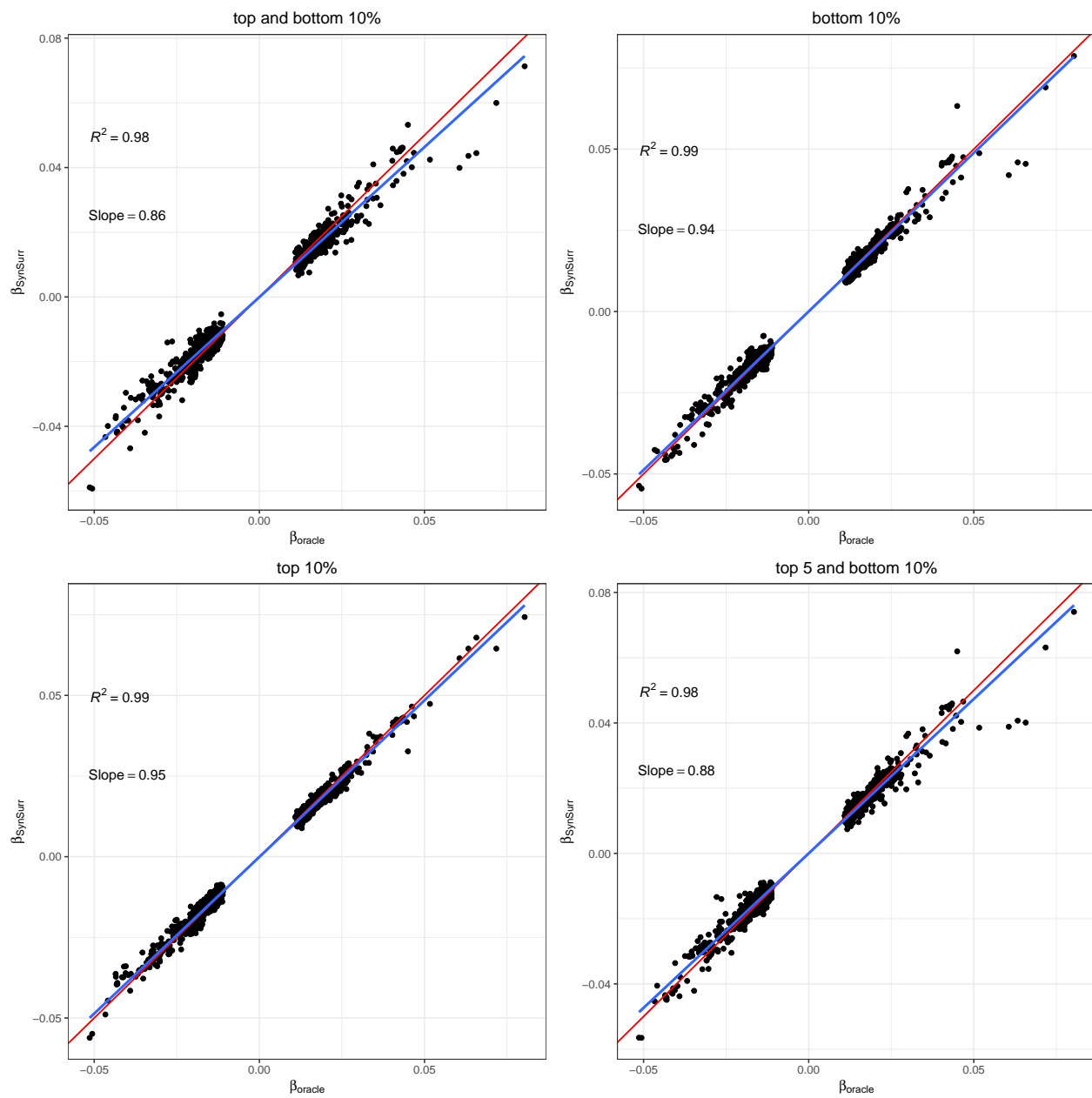| Removed	Standard GWAS	SynSurr
top and bottom 10%	15(4.97%)	22(5.46%)
bottom 10%	78(11.22%)	100(12.33%)
top 10%	22(4.24%)	27(4.6%)
top 5 and bottom 10%	28(6.56%)	47(8.55%)

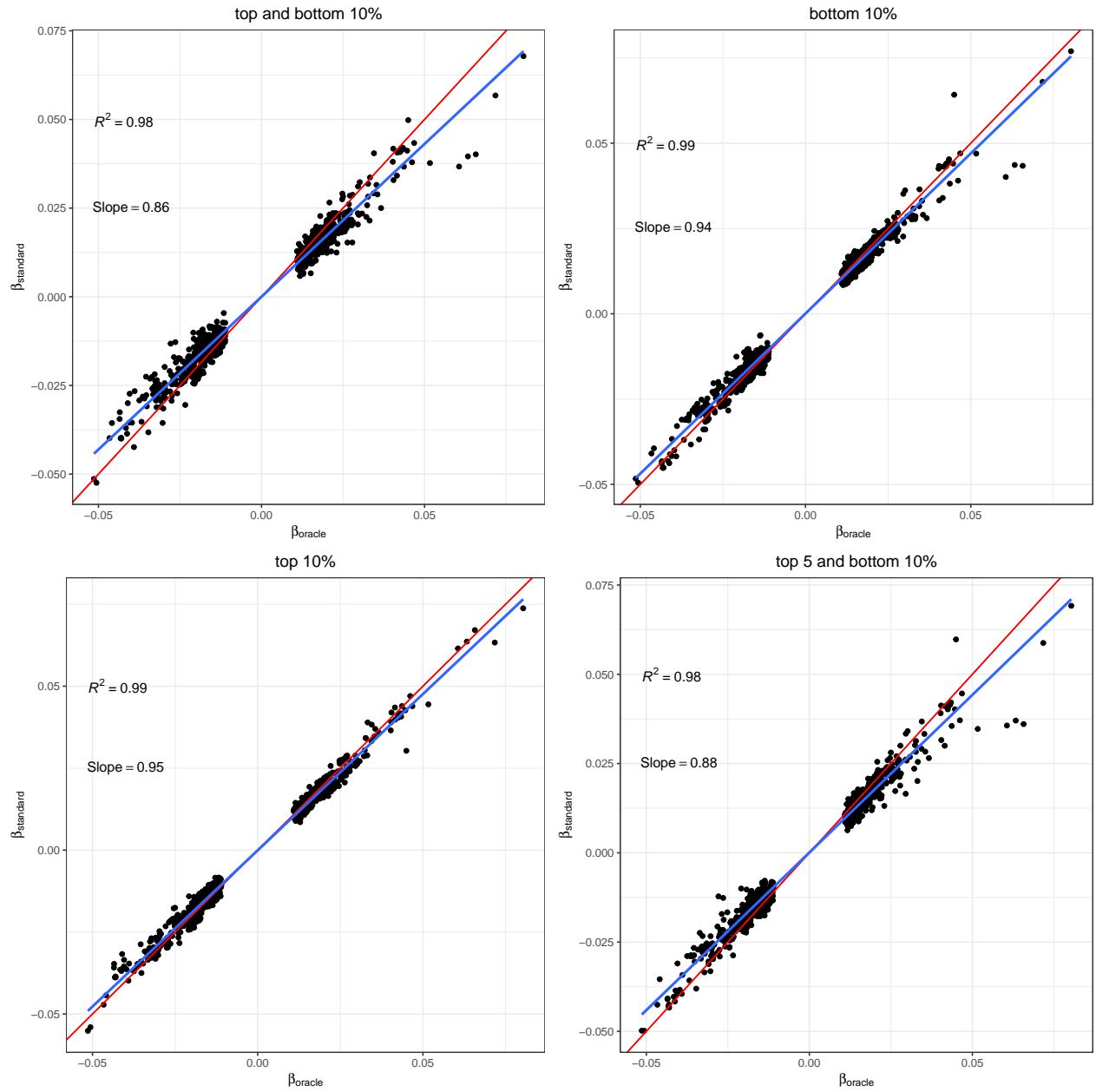Figure 1: Signal recovery of SynSurr relative to the oracle GWAS

Figure 2: Signal recovery of standard GWAS relative to the oracle GWAS