Cohort	Target		N	R2(%)	p−value
UKB European	MetS		356703	2.22e−03	4.93e−03
	HDL		356703	3.76e−03	2.50e−04
	TG		356703	1.71e−03	0.0136
	BMI		356096	3.22e−03	7.15e−04
	WC		356703	1.31e−03	0.0309
	SBP		356703	2.29e−04	0.366
	HbA1c		356703	6.68e−04	0.123
	DBP		356703	7.47e−06	0.870
UKB Asian	MetS		8792	5.17	2.00e−103
	WC		8792	11.1	1.31e−227
	BMI		8684	6.35	7.30e−126
	HDL		8792	4.38	1.09e−87
	HbA1c		8792	1.46	7.39e−30
	TG		8792	0.384	6.04e−09
	SBP		8792	0.253	2.43e−06
	DBP		8792	4.69e−03	0.521
ATTRaCT	MetS		2310	6.09	2.26e−08
	BMI		2276	3.65	3.84e−20
	HDL		915	2.66	7.12e−07
	Fasting Glucose		1217	4.12	8.62e−13
	TG		912	1.80	4.90e−05
	LDL		913	0.282	0.109
	SBP		2289	0.0131	0.584
	DBP		2289	0.0376	0.354
	Cholestrol		1290	0.0410	0.467
GUSTO Children	MetS		321	6.55	3.38e−06
	AC		321	8.10	2.16e−07
	HDL		321	3.22	1.24e−03
	Insulin		321	4.76	8.17e−05
	HOMA_IR		321	4.56	1.15e−04
	TG		321	0.896	0.0904
	BMI		321	4.35	1.68e−04
	logHSCRP		281	0.944	0.104
	LDL		321	0.128	0.524

prediction R2 with 95% CI