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Supplemental Data

**GWIS: Genome-Wide Inferred Statistics
for Functions of Multiple Phenotypes**

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Table S1. False positive GWIS signals for male height

Rs-ID	GWIS Beta	GWIS S.E.	GWIS p-value	GWAS Beta	GWAS S.E.	GWAS p-value	N
rs4649957	-0,038239478	0,00687369	2,65E-08	-0,037	0,0068	6,93E-08	58612,4
rs4650139	0,03592988	0,006485556	3,02E-08	0,034	0,0065	1,21E-07	58611,5
rs7530496	-0,035727994	0,006481955	3,55E-08	-0,034	0,0065	1,69E-07	58504,2

Note: These SNPs do pass genome wide significance threshold in a GWIS but not in a GWAS.

Table S1: The table reports associations found in the BMI GWIS based on male height data which are not significant in the original BMI GWAS. Note the differences in effect sizes are minor and p-values are close to the significance threshold in both analyses.