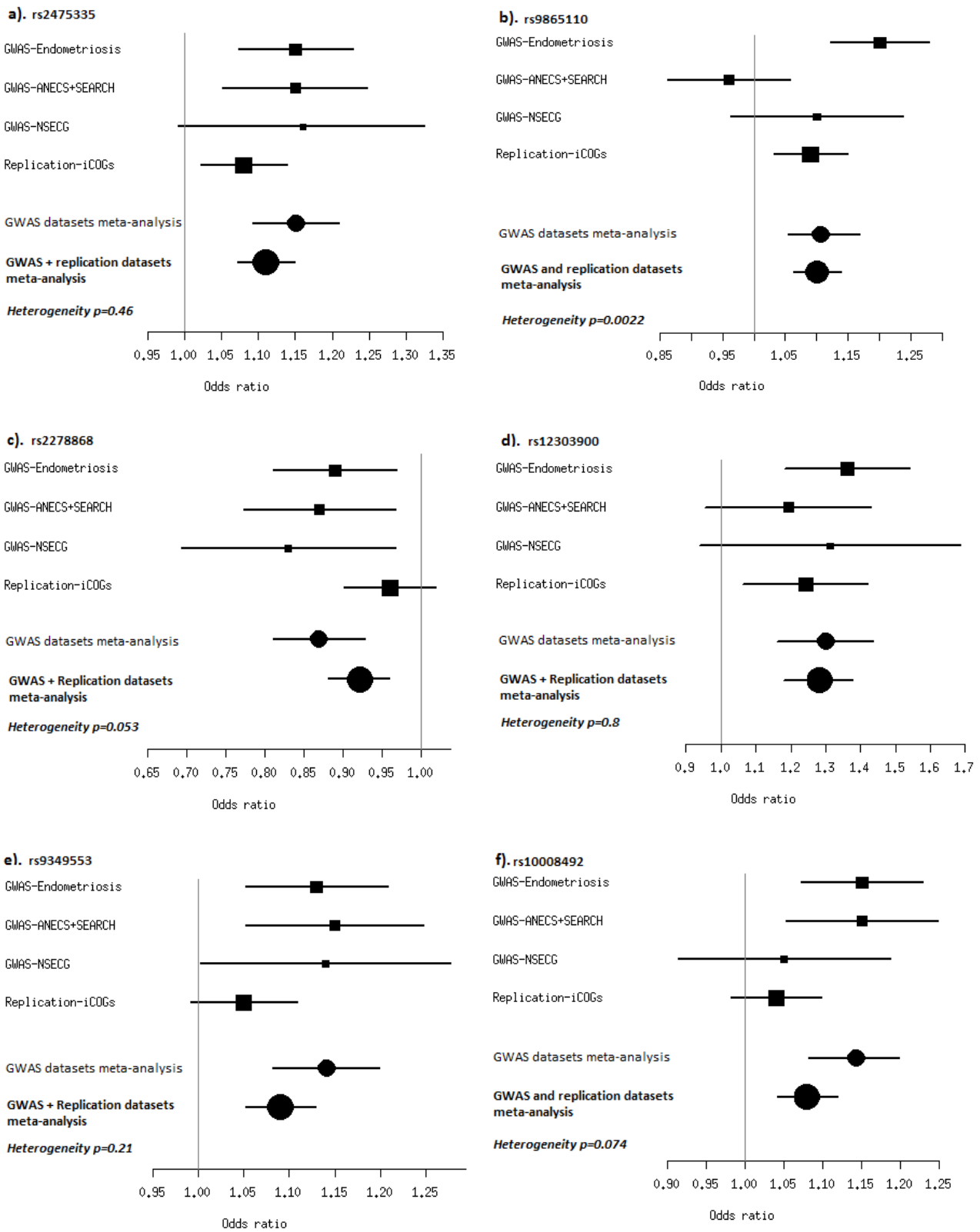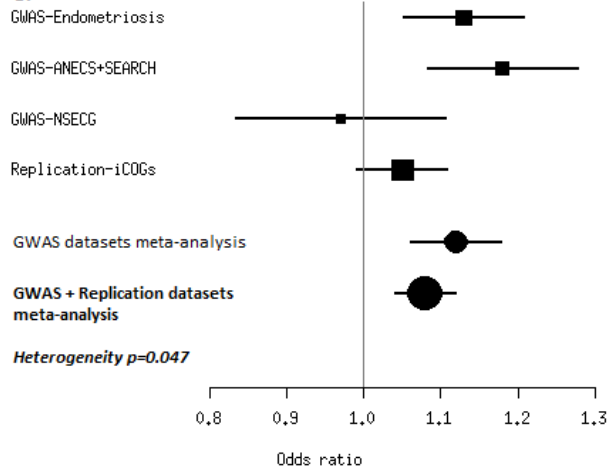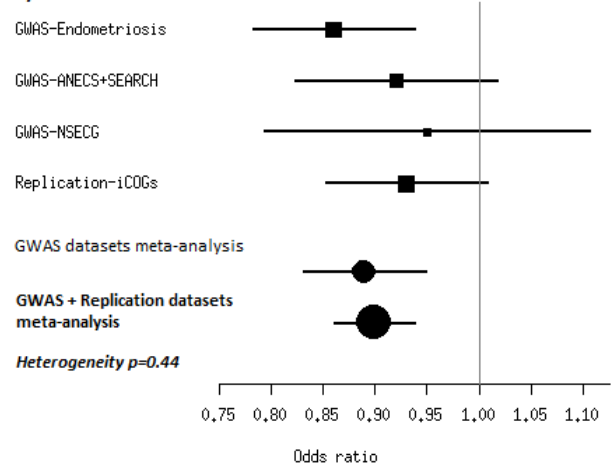**Supplementary Figure 1.** Forest plots of association between the top 13 SNPs in the endometriosis-endometrial cancer meta-analysis and each of the datasets included in the analysis. Effect sizes (odds ratios) are shown as squares for the individual datasets, and as circles for the two meta-analyses ("GWAS only" (including the endometriosis and endometrial cancer GWAS datasets), and "GWAS + endometrial cancer replication" (including all GWAS datasets and the iCOGS endometrial cancer replication dataset)).
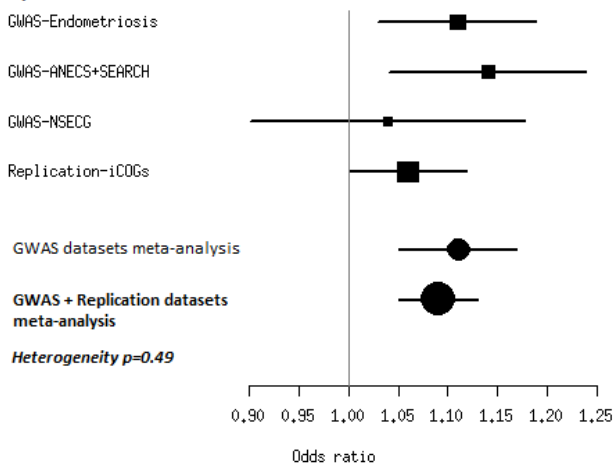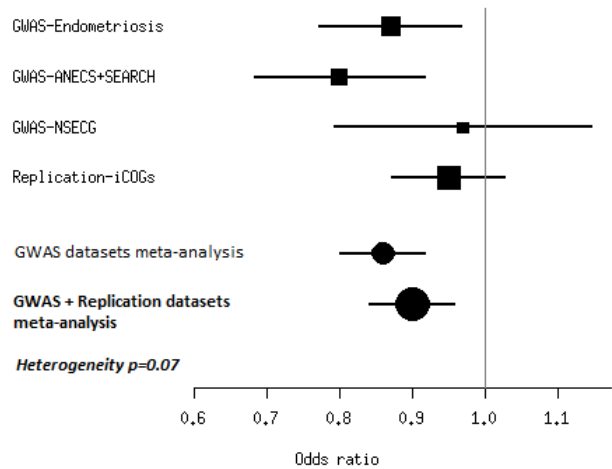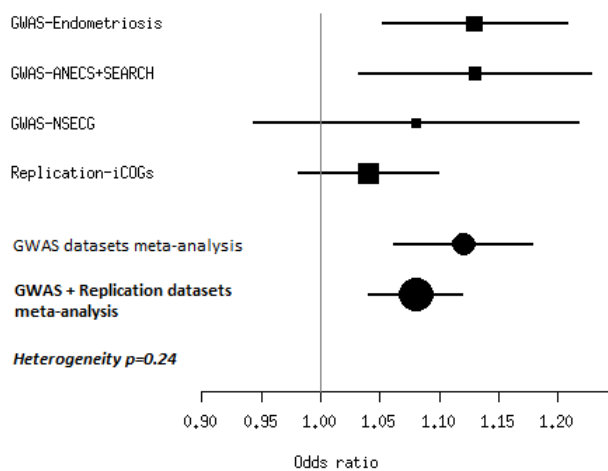
g). rs9530566

GWAS-Endometriosis

GWAS-ANECS+SEARCH

GWAS-NSECG

Replication-iCOGs

GWAS datasets meta-analysis

GWAS + Replication datasets meta-analysis

Heterogeneity p=0.047

Odds ratio

h). rs10459129

GWAS-Endometriosis

GWAS-ANECS+SEARCH

GWAS-NSECG

Replication-iCOGs

GWAS datasets meta-analysis

GWAS + Replication datasets meta-analysis

Heterogeneity p=0.44

Odds ratio

i). rs2198894

GWAS-Endometriosis

GWAS-ANECS+SEARCH

GWAS-NSECG

Replication-iCOGs

GWAS datasets meta-analysis

GWAS + Replication datasets meta-analysis

Heterogeneity p=0.49

Odds ratio

j). rs7042500

GWAS-Endometriosis

GWAS-ANECS+SEARCH

GWAS-NSECG

Replication-iCOGs

GWAS datasets meta-analysis

GWAS + Replication datasets meta-analysis

Heterogeneity p=0.07

Odds ratio

k). rs17693745

GWAS-Endometriosis

GWAS-ANECS+SEARCH

GWAS-NSECG

Replication-iCOGs

GWAS datasets meta-analysis

GWAS + Replication datasets meta-analysis

Heterogeneity p=0.24

Odds ratio

l). rs7515106

GWAS-Endometriosis

GWAS-ANECS-SEARCH

GWAS-NSECG

Replication-iCOGs

GWAS datasets meta-analysis

GWAS + Replication datasets meta-analysis

Heterogeneity p=0.0036

Odds ratio

m). rs1755833

GWAS-Endometriosis

GWAS-ANECS+SEARCH

GWAS-NSECG

Replication-iCOGs

GWAS datasets meta-analysis

**GWAS + Replication datasets
meta-analysis**

Heterogeneity p=0.0069

0.7   0.8   0.9   1.0   1.1   1.2

Odds ratio