

Online supplementary file 1. Search strategy

1. ((gastric or stomach or oesophag* or esophag* or gallbladder or pancrea* or colon or rectal or colorectal or bowel or anal or intra-abdominal or intraabdominal or biliary tract or bile duct* or intestin* or gastrointestinal or gastro-intestinal or gastrointestinal stromal or gastro-intestinal stromal or appendi* or cec* or caec* or duoeden* or ile* or jejun* or MALT) adj3 (cancer* or neoplasm* or tumor* or tumour* or carcinoma* or lymphoma* or squamous cell carcinoma* or ductal adenocarcinoma or ductal carcinoma or adenocarcinoma* or cholangiocarcinoma or malignan*)).ti,ab.

2. ((biomarker* or bio-marker* or biological marker* or marker* or metabolite marker* or metabolomic* or metabolic* or metabolite* or microRNA* or miRNA* or miR or protein* or ctDNA or circulating tumor DNA or circulating tumour DNA or cell-free DNA or DNA methylation or methylated DNA or methylat* or antibod* or autoantibod* or auto-antibod* or volatile organic compound* or VOC* or volatolome* or antigen* or blood or blood-based or serum or sera or plasma or urin* or fecal or faecal or stool or breath or saliva* or test or testing or analy* or assay* or immunoassay* or panel* or screen* or microarray*) adj6 (diagnos* or detect* or early detection or early diagnosis)).ti,ab.

3. (Sensitivit* or Specificit* or False Positive Reaction* or False Negative Reaction* or ROC Curve* or Predictive Value of test* or receiver operating characteristic or receiver operator characteristic or ROC or predictive value* or positive predictive value* or PPV or negative predictive value* or NPV or false negative* or false positive* or true negative* or true positive* or accurac* or area under the curve* or AUC or AUCs or AUROC or AUROCs).ti,ab.

4. 1 and 2 and 3

5. limit 4 to (yr="2000 -Current" and english)