

## File S1: Supplementary Material (Methods: Mapping Review Search Strategy)

The following strategy was applied for PubMed: ((Alcohol\*[tiab] OR binge[tiab] OR bingeing[tiab] OR "Alcohol Drinking"[Mesh] OR "Alcoholism"[Mesh] OR "Binge Drinking"[Mesh]) OR (Alcohol\*[tiab] AND (hepatic[tiab] OR hepatob\*[tiab] OR hepatoc\*[tiab] OR hepatitis[tiab] OR "Hepatitis"[Mesh] OR fatty OR hepatit\* OR liver[tiab] OR "Liver"[Mesh])) OR "Liver Diseases, Alcoholic"[Mesh] OR "Fatty Liver, Alcoholic"[Mesh]) AND (((hepatic[tiab] OR hepatob\*[tiab] OR hepatoc\*[tiab] OR liver[tiab] OR "Liver"[Mesh]) AND (CRLM OR "secondary"[Subheading] OR secondary[tiab] OR secondarily[tiab] OR reoccurrence\* OR recurrence\* OR metasta\* OR "Neoplasm Metastasis"[Mesh])) OR "Liver Neoplasms/secondary"[Mesh]) AND (((colorectal[tiab] OR colon [tiab] OR rectum [tiab] OR intestin\* [tiab] OR anal [tiab] OR "Intestine, Large"[Mesh] AND (malignan\*[tiab] OR carcinoma\*[tiab] OR "Carcinoma"[Mesh] OR cancer[tiab] OR cancers[tiab] OR neoplas\*[tiab])) OR "Colorectal Neoplasms"[Mesh] OR "Intestinal Neoplasms"[Mesh])) AND ("Case-Control Studies"[Mesh] OR "case control" OR "case controlled" OR risk[tiab] OR "Risk"[Mesh] OR "risk"[tiab] OR risks[tiab] OR incidence[tiab] OR "Incidence"[Mesh] OR "Epidemiology"[Mesh] OR epidemiolog\*[tiab] OR "epidemiology" [Subheading] OR "Longitudinal Studies"[Mesh] OR longitudinal\*[tiab] OR "Follow-Up Studies"[Mesh] OR "follow-up"[tiab] OR "Prospective Studies"[Mesh] OR prospectiv\*[tiab] OR retrospective\*[tiab]) NOT (non-alcoholic NOT alcoholic).

For Embase, the following algorithm was used: ('drinking behavior'/exp OR 'binge drinking'/exp OR (alcohol\* OR binge OR bingeing):ti,ab,kw OR (Alcohol\*:ti,ab,kw AND (hepatic OR hepatob\* OR hepatoc\* OR hepatitis:ti,ab,kw OR 'hepatitis'/exp OR fatty OR hepatit\* OR liver)) OR 'alcoholic fatty liver'/exp) AND (('liver cancer'/exp OR 'liver'/exp OR liver:ti,ab,kw) AND (CRLM OR 'metastasis'/exp OR 'cancer recurrence'/exp OR reoccurrence\* OR recurrence\* OR secondary OR secondarily)) AND ('colorectal cancer'/exp OR 'rectum cancer'/exp OR 'intestine cancer'/exp OR 'colon cancer'/exp OR 'anus cancer'/exp OR ((colon:ti,ab,kw OR colorectal:ti,ab,kw) AND democarcinoma:ti,ab,kw)) AND (risk:ti,ab,kw OR risks:ti,ab,kw OR 'case control study'/exp OR 'case?control\*' OR incidence:ti,ab,kw OR 'cancer incidence'/exp OR 'epidemiology'/exp OR epidemiology:ti,ab,kw OR 'longitudinal study'/exp OR longitudinal\*:ti,ab,kw OR 'follow up'/exp OR follow?up:ti,ab,kw OR 'prospective study'/exp OR prospectiv\*:ti,ab,kw) NOT ('non-alcoholic' OR 'nonalcoholic') NOT 'alcoholic').