Supplementary 1: Search strategy for databases

**PsycInfo**
1. fifo or fly-in fly-out or fly in fly out or drive in drive out or dido or drive-in drive-out or long distance commut* or offshore or rotation shift or rotational work schedule*
2. health or sick* or ill* or wellbeing or psycho* or alcohol or diet or smok* or insomnia or sleep* or physical activit* or exercise or obes* or overweight or fatigue* or stress* or depress* or anxiety or muscul* or cardio* or gastro* or health behavio?r* or health promotion
3. exp Health/ or exp Occupational Stress/ or exp Fatigue/ or exp Sleep/ or exp Well Being/ or exp Sleepiness/ or exp Psychological Stress/ or exp Stress/ or exp Distress/ or exp Mental Health/ or exp Anxiety/ or exp Exercise/ or exp Alcohol Drinking Attitudes/ or exp Alcohol Drinking Patterns/ or exp Binge Drinking/ or exp Alcohol Abuse/ or tobacco smoking/ or "depression (emotion)"/ or exp Health Behavior/ or exp Physical Activity/ or exp Tobacco Smoking/ or exp Health Promotion/ or exp Body Mass Index/ or exp Physical Health/ or exp Cardiovascular Disorders/ or exp Anxiety Disorders/ or exp Musculoskeletal Disorders/
4. 1 AND (2 OR 3)

**Medline**
1. fifo or fly-in fly-out or fly in fly out or drive in drive out or dido or drive-in drive-out or long distance commut* or offshore or rotation shift or rotational work schedule*
2. health or sick* or ill* or wellbeing or psycho* or alcohol or diet or smok* or insomnia or sleep* or physical activit* or exercise or obes* or overweight or fatigue* or stress* or depress* or anxiety or muscul* or cardio* or gastro* or health behavio?r* or health promotion
3. Fatigue/ or Mental Fatigue/ or Interpersonal Relations/ or Mental Health/ or Mental disorders/ or Sleep Wake Disorders/ or Sleep Initiation Maintenance Disorders/ or Anxiety/ or Anxiety Disorders/ or Depression/ or Health behaviour/ or Work Schedule Tolerance/ or cardiovascular diseases/ or Musculoskeletal diseases/ or Gastrointestinal diseases/ or exp Stress, Physiological/ or Stress, Psychological/ or Occupational stress/ or Occupational health/ or Occupational health/ or Health promotion/
4. 1 AND 2 OR 3

**Pubmed**

3. (**Health Behaviour/ ethnology or Alcohol Drinking/ ethnology or Alcohol Drinking/ physiopathology or Alcohol Drinking/ therapy or Overweight/ ethnology or Overweight/ physiopathology or Overweight/ therapy or Smoking/ ethnology or Smoking/ physiopathology or Smoking/ therapy or Sleep Disorders, Circadian Rhythm/ diagnosis or Sleep Disorders, Circadian Rhythm/ ethnology or Sleep Disorders, Circadian Rhythm/ physiopathology or Health Status or Mental Health or Occupational health or Sleep Wake Disorders/ etiology or Fatigue/ etiology or Health behaviour or Adaptation, psychological or Stress, physiological or Stress, psychological or Work Schedule Tolerance/ psychology[MeSH Terms])**)

4. 1 AND 2 OR 3

**Embase**

1. FIFO or fly-in fly-out or fly in fly out or drive in drive out or dido or drive-in drive-out or long distance commute* or offshore or rotation shift or rotational work schedule*

AND

2. health or sick* or wellbeing or psycho* or alcohol or diet or smok* or insomnia or sleep* or physical activity* or exercise or obesity* or overweight or fatigue* or stress* or depression* or anxiety or muscle* or cardio* or gastro* or health behavior* or health promotion

OR

3. Fatigue/ or Mental Fatigue/ or Interpersonal Relations/ or Mental Health/ or Sleep Wake Disorders/ or Sleep Initiation Maintenance Disorders/ or Anxiety/ or Anxiety Disorders/ or Depression/ or Stress, Physiological/ or Stress, Psychological/ or Work Schedule Tolerance/ or cardiovascular diseases/ or Musculoskeletal diseases/ or Gastrointestinal diseases/ or Health behaviour/ or Occupational stress/ or Occupational health/ or Health promotion/ or Mental disorders/ or Occupational exposure/ or Health status/

**CINAHL**

1. fifo or fly-in fly-out or fly in fly out or drive in drive out or dido or drive-in drive-out or offshore or long distance commute*

AND

2. health or psycho* or wellbeing or alcohol or insomnia or diet or mental health or physical health or physical activity or exercise or obesity* or overweight or sleep disorder* or sleep* or smoking or fatigue* or stress* or depression* or anxiety or...
muscul* or cardio* or psycho* or gastr* or sick* or health behaviour* or health promotion

OR

3. (MH "Stress, Physiological+") OR (MH "Stress+") or (MH "Depression+") or (MH "Anxiety Disorders+") OR (MH "Anxiety+") or (MH "Smoking+") or (MM "Mental Fatigue") OR (MM "Fatigue") or (MM "Physical Activity") or (MM "Mental Health") or (MH "Sleep Disorders") OR (MH "Sleep") OR (MM "Sleep Disorders, Circadian Rhythm") or (MH "Alcohol Drinking") or (MM "Psychological Well-Being") or (MH "Stress, Psychological+") OR (MH "Psychology, Applied+") or (MM "Health")

Scopus

1. Fly in fly out OR FIFO OR offshore OR rotation work shift

2. health or sick* or wellbeing or psycho* or alcohol or diet or smok* or insomnia or sleep* or physical activit* or exercise or obes* or overweight or fatigue* or stress* or depress* or anxiety or muscul* or cardio* or gastro*

3. 1 AND 2