**Appendix 1. Search strategies**

**Medline (ovid):** (Exp Adaptation, Psychological or (Psychologic\* Adaptation).mp or (Coping Behavior\*).mp or (Coping Skill\*).mp or (Adaptive Behavior\*).mp) AND (Exp Emergency Medical Technicians or exp Emergency Medical Services or exp Ambulances or exp First Aid or exp Emergency Responders or (Prehospital Care).mp or (Emergency health workers).mp or (Emergency Medic\* Technician\*).mp or (Emergency Paramedic\*).mp or Exp Firefighters or firefighter\*.mp or fireman\*.mp)

**Central (ovid):** (Exp Adaptation, Psychological or (Psychologic\* Adaptation).mp or (Coping Behavior\*).mp or (Coping Skill\*).mp or (Adaptive Behavior\*).mp) AND (Exp Emergency Medical Technicians or exp Emergency Medical Services or exp Ambulances or exp First Aid or exp Emergency Responders or (Prehospital Care).mp or (Emergency health workers).mp or (Emergency Medic\* Technician\*).mp or (Emergency Paramedic\*).mp or Exp Firefighters or firefighter\*.mp or fireman\*.mp)

**Embase:** (('coping behavior'/exp or 'Psychologic\* Adaptation':ti,ab or 'Coping Behavior\*':ti,ab or 'Coping Skill\*':ti,ab or 'Adaptive Behavior\*':ti,ab) AND ('rescue personnel'/exp or 'paramedic personnel':ti,ab or 'Emergency Medical Technician\*':ti,ab or 'Emergency Medical Service\*':ti,ab or Ambulance\*:ti,ab or 'First Aid':ti,ab or 'Emergency Responder\*':ti,ab or 'Prehospital Care':ti,ab or 'Emergency health worker\*':ti,ab or 'Emergency Medic\* Technician\*':ti,ab or 'Emergency Paramedic\*':ti,ab or 'fire fighter'/exp or firefighter\*:ti,ab or fireman\*:ti,ab)) AND [embase]/lim