## Supplementary File 1 – Search strategy

- **Population**
  - MeSH – Homeless Persons (exploded)
  - Keywords – homeless*, insecure* hous*, unstabl* hous*, inadequate* hous*, precarious* hous*, houseless, roofless
- **Intervention**
  - MeSH – Housing, Public Housing (exploded)
  - Keywords – housing, ‘housing first’
- **Control** – N/A
- **Outcome** – N/A – looking at multiple outcomes
- **Study design** – Randomised controlled trials (Cochrane/SIGN filters)

Search from 1992

<table>
<thead>
<tr>
<th>Database</th>
<th>Search terms</th>
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</thead>
</table>
| Medline (Ovid) | 1. exp Homeless Persons/  
2. homeless*.mp.  
3. (inadequate* adj2 hous*).mp.  
4. (insecure* adj2 hous*).mp.  
5. (precarious* adj2 hous*).mp.  
6. (unstabl* adj2 hous*).mp.  
7. houseless*.mp.  
8. roofless*.mp.  
9. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8  
10. exp Housing/  
11. exp Public Housing/  
12. housing.mp.  
14. 10 or 11 or 12 or 13  
15. ‘randomized controlled trial’.pt.  
16. randomized.ab.  
17. randomly.ab.  
18. trial.ab.  
19. Randomized Controlled Trials as Topic/  
20. randomized controlled trial/  
21. random allocation/  
22. randomly allocated.tw.  
23. (allocated adj2 random$).tw.  
24. 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23  
25. 9 and 14 and 24 |
<table>
<thead>
<tr>
<th>Database</th>
<th>Query</th>
</tr>
</thead>
</table>
| Embase (Ovid)       | 1. exp Homeless Persons/  
                      | 2. homeless*.mp.  
                      | 3. (inadequate* adj2 hous*).mp.  
                      | 4. (insecure* adj2 hous*).mp.  
                      | 5. (precarious* adj2 hous*).mp.  
                      | 6. (unstabl* adj2 hous*).mp.  
                      | 7. houseless*.mp.  
                      | 8. roofless*.mp.  
                      | 9. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8  
                      | 10. exp Housing/  
                      | 11. exp Public Housing/  
                      | 12. housing.mp.  
                      | 13. "housing first".mp.  
                      | 14. 10 or 11 or 12 or 13  
                      | 15. Randomized controlled trial/  
                      | 16. exp Randomization/  
                      | 17. 'randomized controlled trial$'.tw.  
                      | 18. rct.tw.  
                      | 20. 15 or 16 or 17 or 18 or 19  
                      | 21. 9 and 14 and 20  
| PubMed              | ((homeless persons)[MeSH Terms]) OR homeless* OR ((inadequate* OR insecure* OR precarious* OR unstabl*) AND (housed OR housing)) OR houseless* OR roofless*)  
                      AND  
                      (housing[MeSH Terms] OR public housing[MeSH Terms] OR housing[tiab] OR ("housing first"))  
                      AND  
                      ((randomized controlled trial[pt]) OR randomized[tiab] OR randomly[tiab] OR trial[tiab])  
| Social Sciences Citation Index (Web of Science) | TS=(homeless* or ‘inadequate* hous*’ ‘insecure* hous*’ or ‘precarious* hous*’ or ‘unstabl* hous*’ or houseless* or roofless*)  
                      and  
                      TS=(housing or ‘housing first’)  
                      and  
                      TS=('randomized controlled trial$' or (‘randomized controlled’ NEAR trial*))  
                      or (random* NEXT/2 allocat*))  
| PsycINFO           | S1. TX homeless*  
                      S2. TX ‘inadequate* hous*’  
                      S3. TX ‘insecure* hous*’  
                      S4. TX ‘precarious* hous*’  
                      S5. TX ‘unstabl* hous*’  
                      S6. TX houseless*  
                      S7. TX roofless*  
                      S8. S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7  
                      S9. MA Housing OR DE "Housing" OR DE "Assisted Living" OR DE "Dormitories" OR DE "Group Homes" OR DE "Shelters"  
                      S10. TX housing*  
                      S11. TX ‘housing first’
S12. S9 OR S10 OR S11
S13. TX random* control* trial*
S14. TX random*
S15. S13 OR S14
S16. S8 AND S12 AND S15

| Cochrane Central Register of Controlled Trials | #1 | MeSH descriptor: [Homeless Persons] explode all trees |
| #2 | homeless* |
| #3 | inadequate* hous* |
| #4 | insecure* hous* |
| #5 | precarious* hous* |
| #6 | unstabl* hous* |
| #7 | housless* |
| #8 | roofless* |
| #9 | #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 |
| #10 | MeSH descriptor: [Housing] explode all trees |
| #11 | MeSH descriptor: [Public Housing] explode all trees |
| #12 | housing* |
| #13 | "housing first" |
| #14 | #10 or #11 or #12 or #13 |
| #15 | randomised controlled trial |
| #16 | MeSH descriptor: [Randomized Controlled Trial] explode all trees |
| #17 | #15 or #16 |
| #18 | #9 and #14 and #17 |