

## Supplementary File 1: Search strategy for all electronic databases

### Pubmed (N=143):

("sexually transmitted infection" [tiab] or "sexually transmitted infections" [tiab] or STI [tiab] or STIs [tiab] or "sexually transmitted disease" [tiab] or "sexually transmitted diseases" [tiab] or STD [tiab] or STDs [tiab] or gonorrhoea [tiab] or gonorrhoea [tiab] or syphilis [tiab] or chlamydia [tiab] or "genital warts" [tiab] or "genital herpes" [tiab] or "trichomoniasis" [tiab] or "bacterial vaginosis" [tiab] or chancroid [tiab] or "human papillomavirus" [tiab] or HPV [tiab]) AND ("HIV treatment" [tiab] or "HIV care" [tiab] or "HIV services" [tiab]) AND (integrat\* [tiab] or linked [tiab] or linkage\* [tiab] or mix\* [tiab] or join\* [tiab] or combin\* [tiab])

### CINAHL (N=45):

(TI "sexually transmitted infection" or AB "sexually transmitted infection" or TI "sexually transmitted infections" or AB "sexually transmitted infections" or TI "STI" or AB "STI" or TI "sexually transmitted disease" or AB "sexually transmitted disease" or TI "sexually transmitted diseases" or AB "sexually transmitted diseases" or TI "STD" or AB "STD" or TI "gonorrhoea" or AB "gonorrhoea" or TI "gonorrhoea" or AB "gonorrhoea" or TI "syphilis" or AB "syphilis" or TI "chlamydia" or AB "chlamydia" or TI "genital warts" or AB "genital warts" or TI "genital herpes" or AB "genital herpes" or TI "trichomoniasis" or AB "trichomoniasis" or TI "bacterial vaginosis" or AB "bacterial vaginosis" or TI "chancroid" or AB "chancroid" or TI "human papillomavirus" or AB "human papillomavirus" or TI "HPV" or AB "HPV") and (TI "HIV treatment" or AB "HIV treatment" or TI "HIV care" or AB "HIV care" or TI "HIV services" or AB "HIV services") and (TI "integrat\*" or AB "integrat\*" or TI "linked" or AB "linked" or TI "linkage\*" or AB "linkage\*" or TI "mix\*" or AB "mix\*" or TI "join\*" or AB "join\*" or TI "combin\*" or AB "combin\*")

### Embase (N=218):

((('sexually transmitted infection' OR 'sexually transmitted infections' OR 'sexually transmitted diseases' OR 'sti' OR 'std' or 'gonorrhoea' or 'gonorrhoea' or 'syphilis' or 'chlamydia' or 'genital warts' or 'genital herpes' or 'trichomoniasis' or 'bacterial vaginosis' or 'chancroid' or 'human papillomavirus' or 'HPV'):ab,ti) and (('HIV treatment' or 'HIV care' or 'HIV services'):ab,ti) and ((integrat\* or linked or linkage\* or mix\* or join\* or combin\*):ab,ti)