

## Appendix 1

### PubMed (with TIAB)

((adolescen\*[tiab] OR teen\*[tiab] OR youth\*[tiab] OR girl\*[tiab] OR (young adj2 (wom\*n\* OR girl) OR minor\* OR female\* OR adolescent[MeSH] "adolescent behavior"[MeSH] OR "adolescent development"[MeSH] OR "pregnancy in adolescence"[MeSH] OR "teen pregnancy"[MESH])) AND ("family planning"[tiab] OR "contraceptives"[tiab] OR "Contraceptive Devices"[Mesh] OR "Contraception"[Mesh] OR "birth control"[tiab] OR "contraception"[tiab] OR "contraception behavior"[tiab] OR "short-acting contraceptives"[tiab] OR "long-acting contraceptives"[tiab] OR "contraceptive patch"[tiab] OR "contraceptive ring"[tiab] OR "medroxyprogesterone acetate injection"[tiab] OR "emergency contraception"[tiab] OR "emergency contraceptives"[tiab] OR diaphragm[tiab] OR "condoms"[tiab] OR "implant"[tiab] OR "intrauterine device"[tiab] OR "hormonal IUD"[tiab] OR sponge[tiab] OR spermicides[tiab] OR vasectomy[tiab] OR "male sterilization"[tiab] OR "tubal ligation"[tiab] OR "female sterilization"[tiab] OR "Voluntary Female Sterilization" [tiab] OR "Voluntary Female Sterilizations" [tiab] OR "Female Sterilizations" [tiab] OR "Male Sterilizations" [tiab] OR sterilization[tiab] OR abortion[tiab] OR "vaginal rings"[tiab] OR "vaginal diaphragm"[tiab] OR Abortifacient [tiab] OR "Reproductive Control Agents"[Mesh] OR "cervical cap"[tiab] OR "cervical caps"[tiab] OR "coiled spring"[tiab] OR "coiled springs"[tiab] OR "vaginal ring"[tiab] OR "vaginal rings"[tiab] OR "vaginal diaphragm"[tiab] OR "vaginal diaphragms"[tiab] OR "vaginal shield"[tiab] OR "vaginal shields"[tiab] OR "Medroxyprogesterone Acetate"[Mesh] OR "Depo-Provera" OR DMPA [tiab] OR "Contraceptives, Oral"[Mesh] OR "Oral Contraceptives Low-Dose"[tiab] OR "Oral contraceptive hormonal"[tiab] OR "Desogestrel"[Mesh] OR "implanon" [tiab] OR "Jadelle" [TIAB] OR "Norplant" [TIAB] OR "Norplant-2" [TIAB] OR "Postcoital Contraceptives" [tiab] OR "Emergency Contraceptive" [tiab] OR "Morning After Pill" [tiab] OR "Morning-After Pill" [tiab] OR "Reproductive Sterilization"[Mesh] OR DPMA-SC[tiab] OR "Injectable contraception"[tiab] OR "DMPA-IM" [tiab]) AND ("female agency"[tiab] OR "autonomy"[tiab] OR "female empowerment"[tiab] OR "intrahousehold decision making"[tiab] OR "women's decision-making"[tiab] OR "women's decision-making power"[tiab] OR "gender equality"[tiab] OR empowerment[tiab] OR "Empowerment"[Mesh] OR "bargaining power"[tiab] OR "household decision making"[tiab] OR "women's decision-making"[tiab] OR "gender norms"[tiab] OR "freedom of movement"[tiab] OR "women empowerment"[tiab] OR "women's mobility"[tiab] OR "women's empowerment"[tiab] OR "women's status"[tiab] OR "women's autonomy"[tiab] OR "women's voice"[tiab] OR "women's leadership"[tiab] OR "women's agency"[tiab] OR "gender attitudes"[tiab] OR "women's economic empowerment"[tiab] OR "financial autonomy"[tiab] OR "women's time use"[tiab]))

### Pubmed with TW

((adolescen\*[tw] OR teen\*[tw] OR youth\*[tw] OR girl\*[tw] OR (young adj2 (wom\*n\* OR girl) OR minor\* OR female\* OR adolescent[MeSH] "adolescent behavior"[MeSH] OR "adolescent development"[MeSH] OR "pregnancy in adolescence"[MeSH] OR "teen pregnancy"[MESH])) AND ("family planning"[tw] OR "contraceptives"[tw] OR "Contraceptive Devices"[Mesh] OR

"Contraception"[Mesh] OR "birth control"[tw] OR "contraception"[tw] OR "contraception behavior"[tw] OR "short-acting contraceptives"[tw] OR "long-acting contraceptives"[tw] OR "contraceptive patch"[tw] OR "contraceptive ring"[tw] OR "medroxyprogesterone acetate injection"[tw] OR "emergency contraception"[tw] OR "emergency contraceptives"[tw] OR diaphragm[tw] OR "condoms"[tw] OR "implant"[tw] OR "intrauterine device"[tw] OR "hormonal IUD"[tw] OR sponge[tw] OR spermicides[tw] OR vasectomy[tw] OR "male sterilization"[tw] OR "tubal ligation"[tw] OR "female sterilization"[tw] OR "Voluntary Female Sterilization" [tw] OR "Voluntary Female Sterilizations" [tw] OR "Female Sterilizations" [tw] OR "Male Sterilizations" [tw] OR sterilization[tw] OR abortion[tw] OR "vaginal rings"[tw] OR "vaginal diaphragm"[tw] OR Abortifacient [tw] OR "Reproductive Control Agents"[Mesh] OR "cervical cap"[tw] OR "cervical caps"[tw] OR "coiled spring"[tw] OR "coiled springs"[tw] OR "vaginal ring"[tw] OR "vaginal rings"[tw] OR "vaginal diaphragm"[tw] OR "vaginal diaphragms"[tw] OR "vaginal shield"[tw] OR "vaginal shields"[tw] OR "Medroxyprogesterone Acetate"[Mesh] OR "Depo-Provera" OR DMPA [tw] OR "Contraceptives, Oral"[Mesh] OR "Oral Contraceptives Low-Dose"[tw] OR "Oral contraceptive hormonal"[tw] OR "Desogestrel"[Mesh] OR "implanon" [tw] OR "Jadelle" [tw] OR "Norplant" [tw] OR "Norplant-2" [tw] OR "Postcoital Contraceptives" [tw] OR "Emergency Contraceptive" [tw] OR "Morning After Pill" [tw] OR "Morning-After Pill" [tw] OR "Reproductive Sterilization"[Mesh] OR DPMA-SC[tw] OR "Injectable contraception"[tw] OR "DMPA-IM" [tw]) AND ("female agency"[tw] OR "autonomy"[tw] OR "female empowerment"[tw] OR "intra-household decision making"[tw] OR "women's decision-making"[tw] OR "women's decision-making power"[tw] OR "gender equality"[tw] OR empowerment[tw] OR "Empowerment"[Mesh] OR "bargaining power"[tw] OR "household decision making"[tw] OR "women's decision-making"[tw] OR "gender norms"[tw] OR "freedom of movement"[tw] OR "women empowerment"[tw] OR "women's mobility"[tw] OR "women's empowerment"[tw] OR "women's status"[tw] OR "women's autonomy"[tw] OR "women's voice"[tw] OR "women's leadership"[tw] OR "women's agency"[tw] OR "gender attitudes"[tw] OR "women's economic empowerment"[tw] OR "financial autonomy"[tw] OR "women's time use"[tw]))

#### Database: Ovid MEDLINE

- 1 (adolescen\*[tiab] OR teen\*[tiab] OR youth\*[tiab] OR girl\*[tiab] OR (young adj2 (wom\*n\* OR girl) OR minor\* OR female\*))
- 2 (adolescent[MeSH] "adolescent behavior"[MeSH] OR "adolescent development"[MeSH] OR "pregnancy in adolescence"[MeSH] OR "teen pregnanc\*" [MESH])
- 3 1 OR 2
- 4 ("family planning"[tiab] OR "(family AND (plans OR plan OR planning))[tiab] OR "family planning policy"[tiab] OR "planned pregnancy"[tiab] OR "one child policy"[tiab] OR "one child policies"[tiab] OR "pro natalist policy"[tiab] OR "pronatalist

Policy"[tiab] OR "pro natalist policies"[tiab] OR "Antinatalist policy"[tiab] "Antinatalist policies"[OR "fertility inhibition"[tiab] OR "fertility control"[tiab] OR contraception[tiab] OR contraceptives[tiab] OR Immunocontraception[tiab] OR "contraceptive behavior"[tiab] OR "contraceptive behaviour"[tiab] OR "contraceptive behaviors"[tiab] OR "contraceptive behaviours"[tiab] OR "contraceptive usage"[tiab] OR "contraceptive method switching"[tiab] OR "reproductive control agent"[tiab] OR "reproductive control agents"[tiab] OR Abortifacient[tiab] OR "planned parenthood"[tiab] OR "postnatal care"[tiab] OR "postpartum care"[tiab] OR "perinatal Care"[tiab] OR (postpartum[tiab] AND program[tiab] OR programs[tiab]) OR "birth interval"[tiab] OR "birth intervals"[tiab] OR "birth spacing"[tiab] OR "pregnancy interval\*"[tiab] OR "pregnancy intervals"[tiab] OR "birth control"[tiab] OR "contraceptive device"[tiab] OR "contraceptive devices"[tiab] OR "Oral Contraceptives Low-Dose"[tiab] OR "Oral contraceptive hormonal"[tiab] OR depo[tiab] OR depo-medroxyprogesterone[tiab] OR Depo-Provera[tiab] OR "Sayana Press"[tiab] OR DMPA[tiab] OR IUD[tiab] OR IUDS[tiab] OR IUS[tiab] OR "intra uterine device\*"[tiab] OR "intra uterine devices"[tiab] OR "intra uterine system"[tiab] OR "cervical cap"[tiab] OR "vaginal diaphragm"[tiab] OR "cervical caps"[tiab] OR "vaginal diaphragms"[tiab] OR "vaginal ring"[tiab] OR "vaginal rings"[tiab] OR implanon[tiab] OR jadelle[tiab] OR norplant [tiab] OR sterilisation[tiab] OR sterilization[tiab] OR vasectomy[tiab] OR "vaginal shields"[tiab] OR "vaginal shields"[tiab] OR "coiled spring"[tiab] OR "Organon Brand of Desogestrel"[tiab] "implanon"[tiab] OR "Levonorgestrel Wyeth Brand" [tiab] OR "Norplant" [tiab] OR "Norplant-2" [tiab] OR "long-acting reversible contracept\*"[tiab] OR condom[tiab] OR "Postcoital Contraceptive" [tiab] OR "Morning After Pill" [tiab] OR "Morning-After Pill"[tiab] OR "spermicidal agent" [tiab] OR "emergency contraceptive"[tiab] OR "vaginal barrier method"[tiab] OR "basal body temperature method"[tiab] OR "standard days method"[tiab] OR "modern contraceptive"[tiab] OR "short-acting contraceptives"[tiab] OR "contraceptive patch"[tiab] OR "contraceptive ring"[tiab] OR "hormonal IUD"[tiab] OR sponge[tiab] OR spermicides[tiab] OR "tubal ligation"[tiab] OR "Desogestrel"[Mesh] OR "DPMA-SC"[tiab] OR "Injectable contraception"[tiab] OR "DMPA-IM" [tiab] OR "coiled springs"[tiab] OR "Organon Brand of Desogestrel"[tiab] "implanon"[tiab] OR "Levonorgestrel Wyeth Brand" [tiab] OR "Norplant" [tiab] OR "Norplant-2" [tiab] OR "long-acting reversible contracepts"[tiab] OR condoms[tiab] OR "Postcoital Contracepts" [tiab] OR "Morning After Pill" [tiab] OR "Morning-After Pill"[tiab] OR "spermicidal agent\*"[tiab] OR "emergency contracepts"[tiab] OR "vaginal barrier methods"[tiab] OR "basal body temperature method\*"[tiab] OR "standard days methods"[tiab] OR "modern contracepts"[tiab] OR "short-acting contraceptives"[tiab] OR "contraceptive patch"[tiab] OR "contraceptive ring"[tiab] OR "hormonal IUD"[tiab] OR sponge[tiab] OR spermicides[tiab] OR "tubal ligation"[tiab] OR "Desogestrel"[Mesh] OR "DPMA-SC"[tiab] OR "Injectable contraception"[tiab] OR "DMPA-IM" [tiab]))

- 5 ("family planning service\*"[MeSH] OR "Family Planning Polic\*"[MeSH] OR contracept\*[MeSH] OR "Contraceptives, Oral"[Mesh] OR "contraceptive agent\*"[MeSH] OR "contraceptive device\*"[MeSH] OR "contraceptive behaviour\*"[MeSH] OR "Perinatal Care"[Mesh] OR "Birth Interval\*"[Mesh] OR "Reproductive Control Agent\*"[Mesh] OR

condom\*[MeSH] OR "intrauterine device\*" [MeSH] OR Medroxyprogesterone Acetate[MeSH] OR "contraceptive device\*, female"[MeSH] OR "long-acting reversible contracept\*" [MeSH] OR levonorgestrel[MeSH] OR vasectomy[MeSH] OR "Desogestrel"[Mesh] OR "Reproductive Sterilization"[Mesh] OR "Reproductive Sterilisation"[Mesh])

6 4 OR 5

7 "Empowerment"[Mesh]

8 (decision-making[tiab] OR "decision making"[tiab] OR "choice\*[tiab] OR agency[tiab] OR education[tiab] OR autonomy[tiab] "reproductive desire\*" [tiab] OR planning[tiab]) ("female agency"[tiab] OR "autonomy"[tiab] OR "intrahousehold decision making"[tiab] OR "women's decision-making"[tiab] OR "women's decision-making power"[tiab] OR "gender equality"[tiab] OR empowerment[tiab] OR "Empowerment"[Mesh] OR "bargaining power"[tiab] OR "household decision making"[tiab] OR "gender norms"[tiab] OR "freedom of movement"[tiab] OR "women's mobility"[tiab] OR "women's status"[tiab] OR "women's voice"[tiab] OR "women's leadership"[tiab] OR "women's agency"[tiab] OR "gender attitudes"[tiab] OR "women's economic empowerment"[tiab] OR "financial autonomy"[tiab] OR "women's time use"[tiab])

8 3 AND 6 AND 7

9 (experimental OR "experimental stud\*" OR randomized OR randomised OR non-randomized OR non-randomised OR "panel stud\* OR "randomized controlled trial\*" OR "randomised controlled trial\*") OR RCT OR RCTs OR cRCTs OR "cluster randomized controlled trial\*" OR "cluster randomised controlled trial\*" OR "controlled clinical trial\*" OR CCTs OR "controlled before-after" OR CBA OR ITS OR "interrupted time series" OR "cohort analys\*" OR "longitudinal analys\*" OR "panel analy\*" OR "regression discontinuity design\*" OR RDD)

#### Database: EMBASE

1 (adolescen\*.tw OR teen\*.tw OR youth\*.tw OR girl\*tw OR (young adj2 (wom#n\* OR girl) OR minor\* OR female\*))

2 (adolescent.tw OR "adolescent behavio?r" OR "adolescent development" OR "pregnancy in adolescence" OR "teen pregnanc\*")

3 1 OR 2

- 4 (“family planning”.tw OR “(family AND (plans OR plan OR planning)) OR “family planning polic\*” .tw OR “planned pregnanc\*” .tw OR “one child polic\*” .tw OR “pro natalist polic\*” .tw OR “pronatalist Polic\*” .tw OR “Antinatalist polic\*” .tw OR "fertility inhibition".tw OR "fertility control".tw OR contracept\*.tw OR Immunocontraception.tw OR "contraceptive behavior\*” .tw OR “contraceptive usage”.tw OR “contraceptive method switching”.tw OR "reproductive control agent\*” .tw OR Abortifacient.tw OR “planned parenthood”.tw OR "postnatal care".tw OR "postpartum care".tw OR “perinatal Care”.tw OR (postpartum.tw AND program\*.tw) OR "birth interval\*” .tw OR "birth spacing".tw OR "pregnancy interval\*” .tw OR “birth control”.tw OR "contraceptive device\*” .tw OR "Oral Contraceptive\* Low-Dose".tw OR "Oral contraceptive hormonal".tw OR depo.tw OR depo-medroxyprogesterone.tw OR depo? Medroxyprogesterone.tw OR Depo-Provera.tw OR Sayana Press.tw OR DMPA.tw OR IUD.tw OR IUDS.tw OR IUS.tw OR “intrauterine device\*” .tw OR “intrauterine system\*” .tw OR “cervical cap\*” .tw OR “vaginal diaphragm\*” .tw OR “vaginal ring\*” .tw OR implanon.tw OR jadelle.tw OR norplant\*.tw OR sterili?ation.tw OR vasectomy.tw OR "vaginal diaphragm\*” .tw OR "vaginal shield\*” .tw OR "cervical cap\*” .tw OR "coiled spring\*” .tw OR "Organon Brand of Desogestrel".tw "implanon".tw OR “Levonorgestrel Wyeth Brand”.tw OR “Norplant”.tw OR “Norplant-2”.tw OR “long-acting reversible contracept\*” .tw OR condom\*.tw OR "Postcoital Contracept\*” .tw OR “Emergency Contracept\*” .tw OR “Morning After Pill”.tw OR “Morning-After Pill”.tw OR “spermicidal agent\*” .tw OR “vaginal barrier method\*” .tw OR “basal body temperature method\*” .tw OR “standard days method\*” .tw OR “modern contracept\*” .tw OR injectable\*.tw)
- 5 (“family planning service\*” OR "Family Planning Polic\*" OR contracept\* OR "Contraceptives, Oral" OR “contraceptive agent\* OR “contraceptive device\*” OR “contraceptive behavior\*” OR “Perinatal Care" OR "Birth Interval\*" OR "Reproductive Control Agent\*" OR condom\* OR “intrauterine device\*” OR Medroxyprogesterone Acetate OR “contraceptive device\*, female” OR “long-acting reversible contracept\*” OR levonorgestrel OR vasectomy OR "Desogestrel" OR "Reproductive Sterili?ation")
- 6 4 OR 5
- 7 (empower\*.tw OR decision-making.tw OR “decision making”.tw OR “choice\* .tw OR agency.tw OR education.tw OR autonomy.tw OR “reproductive desire\*” .tw OR planning.tw)
- 8 3 AND 6 AND 7
- 9 (experimental OR “experimental stud\*” OR randomi?ed OR non-randomi?ed OR “panel stud\* OR “randomi?ed controlled trial\*” OR RCT OR RCTs OR cRCTs OR “cluster randomi?ed controlled trial\*” OR “controlled clinical trial\*” OR CCTs OR “controlled before-after” OR CBA OR ITS OR “interrupted time series” OR “cohort analys\*” OR “longitudinal analys\*” OR “panel analy\*” OR “regression discontinuity design\*” OR RDD)\

**EMBASE REVISED**

(adolescen\*.tw OR teen\*.tw OR youth\*.tw OR girl\*.tw OR (young adj2 (wom#n\* OR girl) OR minor\* OR female\* OR adolescent "adolescent behavior" OR "adolescent development" OR "pregnancy in adolescence" OR "teen pregnancy")) AND ("family planning".tw OR contraceptives.tw OR "Contraceptive Devices" OR Contraception OR "birth control".tw OR contraception.tw OR "contraception behavior".tw OR "short-acting contraceptives".tw OR "long-acting contraceptives".tw OR "contraceptive patch".tw OR "contraceptive ring".tw OR "medroxyprogesterone acetate injection".tw OR "emergency contraception".tw OR "emergency contraceptives".tw OR diaphragm.tw OR condoms.tw OR implant.tw OR "intrauterine device".tw OR "hormonal IUD".tw OR sponge.tw OR spermicides.tw OR vasectomy.tw OR "male sterilization".tw OR "tubal ligation".tw OR "female sterilization".tw OR "Voluntary Female Sterilization" .tw OR "Voluntary Female Sterilizations" .tw OR "Female Sterilizations" .tw OR "Male Sterilizations" .tw OR sterilization.tw OR abortion.tw OR "vaginal rings".tw OR "vaginal diaphragm".tw OR Abortifacient .tw OR "Reproductive Control Agents" OR "cervical cap".tw OR "cervical caps".tw OR "coiled spring".tw OR "coiled springs".tw OR "vaginal ring".tw OR "vaginal rings".tw OR "vaginal diaphragm".tw OR "vaginal diaphragms".tw OR "vaginal shield".tw OR "vaginal shields".tw OR "Contraceptives, Oral".tw OR "Oral Contraceptives Low-Dose".tw OR "Oral contraceptive hormonal".tw OR "Morning After Pill".tw OR "Morning After Pill".tw OR "Reproductive Sterilization".tw OR "Injectable contraception".tw) AND ("female agency".tw OR "autonomy".tw OR "female empowerment".tw OR "intrahousehold decision making".tw OR "women's decision making".tw OR "women's decision making power".tw OR "gender equality".tw OR empowerment.tw OR empowerment OR "bargaining power".tw OR "household decision making".tw OR "women's decision making".tw OR "gender norms".tw OR "freedom of movement".tw OR "women empowerment".tw OR "women's mobility".tw OR "women's empowerment".tw OR "women's status".tw OR "women's autonomy".tw OR "women's voice".tw OR "women's leadership".tw OR "women's agency".tw OR "gender attitudes".tw OR "women's economic empowerment".tw OR "financial autonomy".tw OR "women's time use".tw)

**Database: Web of Science**

- 1 (TS=(adolescen\*) OR TS=(teen\*) OR TS=(youth\*) OR TS=(girl OR (young NEAR/2(wom?n\* OR girl)) OR TS=(minor\*) OR TS=(female\*))
- 2 (TS=(adolescent) OR TS=("adolescent behavior") OR TS=("adolescent development") OR TS= ("pregnancy in adolescence") OR TS=("teen pregnanc\*"))
- 3 1 OR 2
- 4 (TS= ("family planning") OR "TS=((family AND (plans OR plan OR planning))) OR TS=("family planning polic\*") OR TS=("planned pregnanc\*") OR TS =("one child

polic\*") OR TS=("pro natalist polic\*") OR TS=("pronatalist Polic\*") OR TS=("Antinatalist polic\*") OR TS= ("fertility inhibition" OR TS=("fertility control") OR TS=(contracept\*) OR TS=(Immunocontraception) OR TS= ("contraceptive behavio\$\*") OR TS=("contraceptive usage") OR TS=("contraceptive method switching") OR TS=("reproductive control agent\*")OR TS=(Abortifacient) OR TS=("planned parenthood") OR TS=("postnatal care") OR TS=("postpartum care") OR TS=("perinatal Care") OR TS=(postpartum AND program\*) OR TS=("birth interval\*") OR TS=("birth spacing") OR TS=("pregnancy interval\*") OR TS=("birth control") OR TS=("contraceptive device\*") OR TS=("Oral Contraceptive\* Low-Dose") OR TS=("Oral contraceptive hormonal") OR TS=(depo) OR TS=(depo-medroxyprogesterone) OR TS= (depo? Medroxyprogesterone) OR TS=(Depo-Provera) OR TS=(Sayana Press)OR TS=(DMPA) OR TS=(IUD) OR TS=(IUDS) OR TS=(IUS) OR TS=("intrauterine device\*") OR TS=("intrauterine system\*") OR TS=("cervical cap\*") OR TS=("vaginal diaphragm\*") OR TS=("vaginal ring\*") OR TS=(implanon) OR TS=(jadelle) OR TS=(norplant\*) OR TS=(sterili?ation) OR TS=(vasectomy) OR TS=("vaginal diaphragm\*") OR TS=("vaginal shield\*") OR TS=("cervical cap\*") OR TS=("coiled spring\*") OR TS=("Organon Brand of Desogestrel") OR TS=("implanon") OR TS=("Levonorgestrel Wyeth Brand") OR TS=("Norplant") OR TS=("Norplant-2") OR TS=("long-acting reversible contracept\*") OR TS=(condom\*) OR TS=("Postcoital Contracept\*") OR TS=("Emergency Contracept\*") OR TS=("Morning After Pill") OR TS=("Morning-After Pill") OR TS=("spermicidal agent\*") OR TS=("vaginal barrier method\*") OR TS=("basal body temperature method\*") OR TS=("standard days method\*") OR TS=("modern contracept\*") OR TS=(injectable\*))

- 5 ("family planning service\*" OR "Family Planning Polic\*" OR contracept\* OR "Contraceptives, Oral" OR "contraceptive agent\*" OR "contraceptive device\*" OR "contraceptive behavio\$\*" OR "Perinatal Care" OR "Birth Interval\*" OR "Reproductive Control Agent\*" OR condom\* OR "intrauterine device\*" OR Medroxyprogesterone Acetate OR "contraceptive device\*, female" OR "long-acting reversible contracept\*" OR levonorgestrel OR vasectomy OR "Desogestrel" OR "Reproductive Sterili\$ation")
- 6 4 OR 5
- 7 (TS=(empower\*) OR TS=(decision-making) OR TS=("decision making") OR TS=("choice\*") OR TS=(agency) OR TS=(education) OR TS=(autonomy) OR TS=("reproductive desire\*") OR TS=(planning))
- 8 3 AND 6 AND 7
- 9 (experimental OR "experimental stud\*" OR randomi\$ed OR non-randomi\$ed OR "panel stud\*" OR "randomi\$ed controlled trial\*" OR RCT OR RCTs OR cRCTs OR "cluster randomi\$ed controlled trial\*" OR "controlled clinical trial\*" OR CCTs OR "controlled before-after" OR CBA OR ITS OR "interrupted time series" OR "cohort analys\*" OR "longitudinal analys\*" OR "panel analy\*" OR "regression discontinuity design\*" OR RDD)

**Web of Science REVISED:**

(adolescen\* OR teen\* OR youth\* OR girl\* OR (young adj2 (wom\*n\* OR girl) OR minor\* OR female\* OR adolescent "adolescent behavior" OR "adolescent development" OR "pregnancy in adolescence" OR "teen pregnancy"))

("family planning" OR "contraceptives" OR "Contraceptive Devices" OR "Contraception" OR "birth control" OR "contraception" OR "contraception behavior" OR "short-acting contraceptives" OR "long-acting contraceptives" OR "contraceptive patch" OR "contraceptive ring" OR "medroxyprogesterone acetate injection" OR "emergency contraception" OR "emergency contraceptives" OR diaphragm OR "condoms" OR "implant" OR "intrauterine device" OR "hormonal IUD" OR sponge OR spermicides OR vasectomy OR "male sterilization" OR "tubal ligation" OR "female sterilization" OR "Voluntary Female Sterilization" OR "Voluntary Female Sterilizations" OR "Female Sterilizations" OR "Male Sterilizations" OR sterilization OR abortion OR "vaginal rings" OR "vaginal diaphragm" OR Abortifacient OR "Reproductive Control Agents" OR "cervical cap" OR "cervical caps" OR "coiled spring" OR "coiled springs" OR "vaginal ring" OR "vaginal rings" OR "vaginal diaphragm" OR "vaginal diaphragms" OR "vaginal shield" OR "vaginal shields" OR "Medroxyprogesterone Acetate" OR "Depo-Provera" OR DMPA OR "Contraceptives, Oral" OR "Oral Contraceptives Low-Dose" OR "Oral contraceptive hormonal" OR "Desogestrel" OR "implanon" OR "Jadelle" OR "Norplant" OR "Norplant-2" OR "Postcoital Contraceptives" OR "Emergency Contraceptive" OR "Morning After Pill" OR "Morning-After Pill" OR "Reproductive Sterilization" OR DPMA-SC OR "Injectable contraception" OR "DMPA-IM")

("female agency" OR "autonomy" OR "female empowerment" OR "intrahousehold decision making" OR "women's decision-making" OR "women's decision-making power" OR "gender equality" OR empowerment OR "Empowerment" OR "bargaining power" OR "household decision making" OR "women's decision-making" OR "gender norms" OR "freedom of movement" OR "women empowerment" OR "women's mobility" OR "women's empowerment" OR "women's status" OR "women's autonomy" OR "women's voice" OR "women's leadership" OR "women's agency" OR "gender attitudes" OR "women's economic empowerment" OR "financial autonomy" OR "women's time use")

**Database: Cochrane Library**

- 1 (adolescen\*:ti,ab OR teen\*:ti,ab OR youth\*:ti,ab OR girl\*:ti,ab OR (young NEAR/2 (wom\*n\* OR girl) OR minor\* OR female\*))
- 2 (adolescent[MeSH] "adolescent behavior?"[MeSH] OR "adolescent development"[MeSH] OR "pregnancy in adolescence"[MeSH] OR "teen pregnanc\*" [MESH])



- 3 1 OR 2
- 4 (“family planning”:ti,ab OR “(family AND (plans OR plan OR planning)):ti,ab OR “family planning polic\*”:ti,ab OR “planned pregnanc\*”:ti,ab OR “one child polic\*”:ti,ab OR “pro natalist policy”:ti,ab OR “pronatalist Polic\*”:ti,ab OR “pro natalist polic\*”:ti,ab OR “Antinatalist polic\*”:ti,ab OR “fertility inhibition”:ti,ab OR “fertility control”:ti,ab OR contraception:ti,ab OR contracept\*:ti,ab OR Immunocontraception:ti,ab OR “contraceptive behavio?r\*”:ti,ab OR “contraceptive usage”:ti,ab OR “contraceptive method switching”:ti,ab OR “reproductive control agent\*”:ti,ab OR Abortifacient:ti,ab OR “planned parenthood”:ti,ab OR “postnatal care”:ti,ab OR “postpartum care”:ti,ab OR “perinatal Care”:ti,ab OR (postpartum:ti,ab AND program\*:ti,ab) OR “birth interval\*”:ti,ab OR “birth spacing”:ti,ab OR “pregnancy interval\*”:ti,ab OR “birth control”:ti,ab OR “contraceptive device\*”:ti,ab OR “Oral Contraceptive\* Low-Dose”:ti,ab OR “Oral contraceptive hormonal”:ti,ab OR depo:ti,ab OR depo-medroxyprogesterone:ti,ab OR depo Medroxyprogesterone:ti,ab OR Depo-Provera:ti,ab OR Sayana Press:ti,ab OR DMPA:ti,ab OR IUD:ti,ab OR IUDS:ti,ab OR IUS:ti,ab OR “intra-uterine device\*”:ti,ab OR “intrauterine system\*”:ti,ab OR “cervical cap\*”:ti,ab OR “vaginal diaphragm\*”:ti,ab OR “vaginal ring\*”:ti,ab OR implanon:ti,ab OR jadelle:ti,ab OR norplant\*:ti,ab OR sterili?ation:ti,ab OR vasectomy:ti,ab OR “vaginal diaphragm\*”:ti,ab OR “vaginal shield\*”:ti,ab OR “cervical cap\*”:ti,ab OR “coiled spring\*”:ti,ab OR “Organon Brand of Desogestrel”:ti,ab “implanon”:ti,ab OR “Levonorgestrel Wyeth Brand”:ti,ab OR “Norplant” :ti,ab OR “Norplant-2”:ti,ab OR “long-acting reversible contracept\*”:ti,ab OR condom\*:ti,ab OR “Postcoital Contracept\*”:ti,ab OR “Morning After Pill”:ti,ab OR “Morning-After Pill”:ti,ab OR “spermicidal agent\*”:ti,ab OR “emergency contracept\*”:ti,ab OR “vaginal barrier method\*”:ti,ab OR “basal body temperature method\*”:ti,ab OR “standard days method\*”:ti,ab OR “modern contracept\*”:ti,ab OR injectable\*:ti,ab)
- 5 (“family planning service\*”[MeSH] OR “Family Planning Polic\*”[MeSH] OR contracept\*[MeSH] OR “Contraceptives, Oral”[Mesh] OR “contraceptive agent\*”[MeSH] OR “contraceptive device\*”[MeSH] OR “contraceptive behavio?r\*”[MeSH] OR “Perinatal Care”[Mesh] OR “Birth Interval\*”[Mesh] OR “Reproductive Control Agent\*”[Mesh] OR condom\*[MeSH] OR “intrauterine device\*”[MeSH] OR Medroxyprogesterone Acetate[MeSH] OR “contraceptive device\*, female”[MeSH] OR “long-acting reversible contracept\*”[MeSH] OR levonorgestrel[MeSH] OR vasectomy[MeSH] OR “Desogestrel”[Mesh] OR “Reproductive Sterili?ation”[Mesh])
- 6 4 OR 5
- 7 (empower\*:ti,ab OR decision-making:it,ab OR “decision making”:ti,ab OR “choice\*:ti,ab OR agency:tia,ab OR education:ti,ab OR autonomy:ti,ab “reproductive desire\*”:ti,ab OR planning:ti,ab)

- 8 3 AND 6 AND 7
- 9 (experimental OR "experimental stud\*" OR randomi?ed OR non-randomi?ed OR "panel stud\* OR "randomi?ed controlled trial\*" OR RCT OR RCTs OR cRCTs OR "cluster randomi?ed controlled trial\*" OR "controlled clinical trial\*" OR CCTs OR "controlled before-after" OR CBA OR ITS OR "interrupted time series" OR "cohort analys\*" OR "longitudinal analys\*" OR "panel analy\*" OR "regression discontinuity design\*" OR RDD)

### **Cochrane Library REVISED**

(adolescen\* OR teen\* OR youth\* OR girl\* OR (young NEAR/2(wom\*n\* OR girl)) OR minor\* OR female\* OR adolescent OR "adolescent behavior" OR "adolescent development" OR "pregnancy in adolescence" OR "teen pregnancy") AND ("family planning" OR "contraceptives" OR "Contraceptive Devices" OR "Contraception" OR "birth control" OR "contraception" OR "contraception behavior" OR "short-acting contraceptives" OR "long-acting contraceptives" OR "contraceptive patch" OR "contraceptive ring" OR "medroxyprogesterone acetate injection" OR "emergency contraception" OR "emergency contraceptives" OR diaphragm OR condoms OR implant OR "intrauterine device" OR "hormonal IUD" OR sponge OR spermicides OR vasectomy OR "male sterilization" OR "tubal ligation" OR "female sterilization" OR "Voluntary Female Sterilization" OR "Voluntary Female Sterilizations" OR "Female Sterilizations" OR "Male Sterilizations" OR sterilization OR abortion OR "vaginal rings" OR "vaginal diaphragm" OR Abortifacient OR "Reproductive Control Agents" OR "cervical cap" OR "cervical caps" OR "coiled spring" OR "coiled springs" OR "vaginal ring" OR "vaginal rings" OR "vaginal diaphragm" OR "vaginal diaphragms" OR "vaginal shield" OR "vaginal shields" OR "Medroxyprogesterone Acetate" OR "Depo-Provera" OR DMPA OR "Contraceptives, Oral" OR "Oral Contraceptives Low-Dose" OR "Oral contraceptive hormonal" OR Desogestrel OR implanon OR "adelle OR "Norplant" OR "Norplant-2" OR "Postcoital Contraceptives" OR "Emergency Contraceptive" OR "Morning After Pill" OR "Morning-After Pill" OR "Reproductive Sterilization" OR "DPMA-SC" OR "Injectable contraception" OR "DMPA-IM") AND ("female agency" OR "autonomy" OR "female empowerment" OR "intrahousehold decision making" OR "women's decision-making" OR "women's decision-making power" OR "gender equality" OR empowerment OR "Empowerment" OR "bargaining power" OR "household decision making" OR "women's decision-making" OR "gender norms" OR "freedom of movement" OR "women empowerment" OR "women's mobility" OR "women's empowerment" OR "women's status" OR "women's autonomy" OR "women's voice" OR "women's leadership" OR "women's agency" OR "gender attitudes" OR "women's economic empowerment" OR "financial autonomy" OR "women's time use")

**Cochrane revised 2.0:**

(adolescen\* OR teen\* OR youth\* OR girl\* OR (young NEAR/2(wom\*n\* OR girl)) OR minor\* OR female\* OR adolescent OR "adolescent behavior" OR "adolescent development" OR "pregnancy in adolescence" OR "teen pregnancy") in Title Abstract Keyword AND (adolescen\* OR teen\* OR youth\* OR girl\* OR (young NEAR/2(wom\*n\* OR girl)) OR minor\* OR female\* OR adolescent OR "adolescent behavior" OR "adolescent development" OR "pregnancy in adolescence" OR "teen pregnancy") AND ("family planning" OR "contraceptives" OR "Contraceptive Devices" OR "Contraception" OR "birth control" OR "contraception" OR "contraception behavior" OR "short-acting contraceptives" OR "long-acting contraceptives" OR "contraceptive patch" OR "contraceptive ring" OR "medroxyprogesterone acetate injection" OR "emergency contraception" OR "emergency contraceptives" OR diaphragm OR condoms OR implant OR "intrauterine device" OR "hormonal IUD" OR sponge OR spermicides OR vasectomy OR "male sterilization" OR "tubal ligation" OR "female sterilization" OR "Voluntary Female Sterilization" OR "Voluntary Female Sterilizations" OR "Female Sterilizations" OR "Male Sterilizations" OR sterilization OR abortion OR "vaginal rings" OR "vaginal diaphragm" OR Abortifacient OR "Reproductive Control Agents" OR "cervical cap" OR "cervical caps" OR "coiled spring" OR "coiled springs" OR "vaginal ring" OR "vaginal rings" OR "vaginal diaphragm" OR "vaginal diaphragms" OR "vaginal shield" OR "vaginal shields" OR "Contraceptives, Oral" OR "Oral Contraceptives Low-Dose" OR "Oral contraceptive hormonal" OR "Emergency Contraceptive" OR "Morning After Pill" OR "Morning-After Pill" OR "Reproductive Sterilization") in Title Abstract Keyword AND ("female agency" OR "autonomy" OR "female empowerment" OR "women's decision-making" OR "gender norms" OR "freedom of movement" OR "women empowerment" OR "women's autonomy")

**Database: CINAHL**

- 1 TI (adolescen\* OR teen\* OR youth\* OR girl\* OR (young N2 (wom#n\* OR girl) OR minor\* OR female\*) OR AB (adolescen\* OR teen\* OR youth\* OR girl\* OR (young N2 (wom#n\* OR girl) OR minor\* OR female\*))
- 2 (adolescent OR "adolescent behavio?r" OR "adolescent development" OR "pregnancy in adolescence" OR "teen pregnanc\*")
- 3 1 OR 2
- 4 TI ("family planning" OR "(family AND (plans OR plan OR planning)) OR "family planning polic\*" OR "planned pregnanc\*" OR "one child polic\*" OR "pro natalist polic\*" OR "pronatalist Polic\*" OR "Antinatalist polic\*" OR "fertility inhibition" OR "fertility control" OR contracept\* OR Immunocontraception OR "contraceptive behavio?r\*" OR "contraceptive usage" OR "contraceptive method switching" OR "reproductive control agent\*" OR Abortifacient OR "planned parenthood" OR "postnatal care" OR "postpartum care" OR "perinatal Care" OR (postpartum AND program\*) OR "birth interval\*" OR "birth

spacing" OR "pregnancy interval\*" OR "birth control" OR "contraceptive device\*" OR "Oral Contraceptive\* Low-Dose" OR "Oral contraceptive hormonal" OR depo OR depo-medroxyprogesterone OR depo? Medroxyprogesterone OR Depo-Provera OR Sayana Press OR DMPA OR IUD OR IUDS OR IUS OR "intrauterine device\*" OR "intrauterine system\*" OR "cervical cap\*" OR "vaginal diaphragm\*" OR "vaginal ring\*" OR implanon OR jadelle OR norplant OR sterilization OR vasectomy OR "vaginal diaphragm\*" OR "vaginal shield\*" OR "cervical cap\*" OR "coiled spring\*" OR "Organon Brand of Desogestrel" "implanon" OR "Levonorgestrel Wyeth Brand" OR "Norplant" OR "Norplant-2" OR "long-acting reversible contracept\*" OR condom\* OR "Postcoital Contracept\*" OR "Emergency Contracept\*" OR "Morning After Pill" OR "Morning-After Pill" OR "spermicidal agent\*" OR "vaginal barrier method\*" OR "basal body temperature method\*" OR "standard days method\*" OR "modern contracept\*" OR injectable\*) OR AB("family planning" OR "(family AND (plans OR plan OR planning)) OR "family planning polic\*" OR "planned pregnanc\*" OR "one child polic\*" OR "pro natalist polic\*" OR "pronatalist Polic\*" OR "Antinatalist polic\*" OR "fertility inhibition" OR "fertility control" OR contracept\* OR Immunocontraception OR "contraceptive behavior\*" OR "contraceptive usage" OR "contraceptive method switching" OR "reproductive control agent\*" OR Abortifacient OR "planned parenthood" OR "postnatal care" OR "postpartum care" OR "perinatal Care" OR (postpartum AND program\*) OR "birth interval\*" OR "birth spacing" OR "pregnancy interval\*" OR "birth control" OR "contraceptive device\*" OR "Oral Contraceptive\* Low-Dose" OR "Oral contraceptive hormonal" OR depo OR depo-medroxyprogesterone OR depo? Medroxyprogesterone OR Depo-Provera OR Sayana Press OR DMPA OR IUD OR IUDS OR IUS OR "intrauterine device\*" OR "intrauterine system\*" OR "cervical cap\*" OR "vaginal diaphragm\*" OR "vaginal ring\*" OR implanon OR jadelle OR norplant OR sterilization OR vasectomy OR "vaginal diaphragm\*" OR "vaginal shield\*" OR "cervical cap\*" OR "coiled spring\*" OR "Organon Brand of Desogestrel" "implanon" OR "Levonorgestrel Wyeth Brand" OR "Norplant" OR "Norplant-2" OR "long-acting reversible contracept\*" OR condom\* OR "Postcoital Contracept\*" OR "Emergency Contracept\*" OR "Morning After Pill" OR "Morning-After Pill" OR "spermicidal agent\*" OR "vaginal barrier method\*" OR "basal body temperature method\*" OR "standard days method\*" OR "modern contracept\*" OR injectable\*)

- 5 ("family planning service\*" OR "Family Planning Polic\*" OR contracept\* OR "Contraceptives, Oral" OR "contraceptive agent\*" OR "contraceptive device\*" OR "contraceptive behavior\*" OR "Perinatal Care" OR "Birth Interval\*" OR "Reproductive Control Agent\*" OR condom\* OR "intrauterine device\*" OR Medroxyprogesterone Acetate OR "contraceptive device\*, female" OR "long-acting reversible contracept\*" OR levonorgestrel OR vasectomy OR "Desogestrel" OR "Reproductive Sterilization")
- 6 4 OR 5
- 7 TI (empower\* OR decision-making OR "decision making" OR "choice\*" OR agency OR education OR autonomy OR "reproductive desire\*" OR planning) OR AB (empower\* OR

decision-making OR "decision making" OR "choice\*" OR agency OR education OR autonomy OR "reproductive desire\*" OR planning)

8 3 AND 6 AND 7

9 (experimental OR "experimental stud\*" OR randomi?ed OR non-randomi?ed OR "panel stud\*" OR "randomi?ed controlled trial\*" OR RCT OR RCTs OR cRCTs OR "cluster randomi?ed controlled trial\*" OR "controlled clinical trial\*" OR CCTs OR "controlled before-after" OR CBA OR ITS OR "interrupted time series" OR "cohort analys\*" OR "longitudinal analys\*" OR "panel analy\*" OR "regression discontinuity design\*" OR RDD)

TI (adolescen\* OR teen\* OR youth\* OR girl\* OR (young adj2 (wom\*n\* OR girl) OR minor\* OR female\*) OR (adolescent OR "adolescent behavior" OR "adolescent development" OR "pregnancy in adolescence" OR "teen pregnanc\*"))

OR

AB (adolescen\* OR teen\* OR youth\* OR girl\* OR (wom\*n\* OR girl) OR minor\* OR female\*) OR (adolescent OR "adolescent behavior" OR "adolescent development" OR "pregnancy in adolescence" OR "teen pregnanc\*"))

AND

TI ("family planning OR "(family AND (plans OR plan OR planning))OR "family planning policy" OR "planned pregnancy" OR "one child policy" OR ""one child policies" OR "pro natalist policy" OR "pronatalist Policy" OR "pro natalist policies" OR "Antinatalist policy" "Antinatalist policies" OR "fertility inhibition" OR "fertility control" OR contraception OR contraceptives OR Immunocontraception OR "contraceptive behavior" OR "contraceptive behaviour" OR "contraceptive behaviors" OR "contraceptive behaviours" OR "contraceptive usage" OR "contraceptive method switching" OR "reproductive control agent" OR "reproductive control agents" OR Abortifacient OR "planned parenthood" OR "postnatal care" OR "postpartum care" OR "perinatal Care" OR (postpartum AND program OR programs) OR "birth interval" OR "birth intervals" OR "birth spacing" OR "pregnancy interval\*" OR "pregnancy intervals" OR "birth control" OR "contraceptive device" OR "contraceptive devices" OR "Oral Contraceptives Low-Dose" OR "Oral contraceptive hormonal" OR depo OR depo-medroxyprogesterone OR Depo-Provera OR "Sayana Press" OR DMPA OR IUD OR IUDs OR IUS OR "intrauterine device\*" OR "intrauterine devices" OR "intrauterine system" OR "cervical cap" OR "vaginal diaphragm" OR "cervical caps" OR "vaginal diaphragms" OR "vaginal ring" OR "vaginal rings" OR implanon OR jadelle OR norplant OR sterilisation OR sterilization OR vasectomy OR "vaginal shields" OR "vaginal shields" OR "coiled spring\*" OR "Organon Brand of Desogestrel" "implanon" OR "Levonorgestrel Wyeth Brand" OR "Norplant" OR "Norplant-2" OR "long-acting reversible contracept\*" OR condom\* OR "Postcoital Contracept\*" OR "Morning After Pill" OR "Morning-After Pill" OR "spermicidal agent\*" OR "emergency contracept\*" OR "vaginal barrier method\*" OR "basal body temperature method\*" OR "standard days method\*" OR "modern contracept\*" OR "short-acting contraceptives" OR "contraceptive patch" OR "contraceptive ring" OR "hormonal IUD" OR sponge OR spermicides OR "tubal ligation" OR "Desogestrel" OR "DPMA-SC" OR "Injectable

contraception" OR "DMPA-IM" ) OR ("family planning service\*" OR "Family Planning Polic\*" OR contracept\*" OR "Contraceptives, Oral" OR "contraceptive agent\*" OR "contraceptive device\*" OR "contraceptive behaviour\*" OR "Perinatal Care" OR "Birth Interval\*" OR "Reproductive Control Agent\*" OR condom\*" OR "intrauterine device\*" OR Medroxyprogesterone Acetate OR "contraceptive device\*, female" OR "long-acting reversible contracept\*" OR levonorgestrel OR vasectomy OR "Desogestrel" OR "Reproductive Sterilization" OR "Reproductive Sterilisation")

OR

AB ("family planning OR "(family AND (plans OR plan OR planning))OR "family planning policy" OR "planned pregnancy" OR "one child policy" OR "one child policies" OR "pro natalist policy" OR "pronatalist Policy" OR "pro natalist policies" OR "Antinatalist policy" "Antinatalist policies"[OR "fertility inhibition" OR "fertility control" OR contraception OR contraceptives OR Immunocontraception OR "contraceptive behavior" OR "contraceptive behaviour" OR "contraceptive behaviors" OR "contraceptive behaviours" OR "contraceptive usage" OR "contraceptive method switching" OR "reproductive control agent" OR "reproductive control agents" OR Abortifacient OR "planned parenthood" OR "postnatal care" OR "postpartum care" OR "perinatal Care" OR (postpartum AND program OR programs) OR "birth interval" OR "birth intervals" OR "birth spacing" OR "pregnancy interval\*" OR "pregnancy intervals" OR "birth control" OR "contraceptive device" OR "contraceptive devices" OR "Oral Contraceptives Low-Dose" OR "Oral contraceptive hormonal" OR depo OR depo-medroxyprogesterone OR Depo-Provera OR "Sayana Press" OR DMPA OR IUD OR IUDS OR IUS OR "intrauterine device\*" OR "intrauterine devices" OR "intrauterine system" OR "cervical cap" OR "vaginal diaphragm" OR "cervical caps" OR "vaginal diaphragms" OR "vaginal ring" OR "vaginal rings" OR implanon OR jadelle OR norplant OR sterilisation OR sterilization OR vasectomy OR "vaginal shields" OR "vaginal shields" OR "coiled spring\*" OR "Organon Brand of Desogestrel" "implanon" OR "Levonorgestrel Wyeth Brand" OR "Norplant" OR "Norplant-2" OR "long-acting reversible contracept\*" OR condom\*" OR "Postcoital Contracept\*" OR "Morning After Pill" OR "Morning-After Pill" OR "spermicidal agent\*" OR "emergency contracept\*" OR "vaginal barrier method\*" OR "basal body temperature method\*" OR "standard days method\*" OR "modern contracept\*" OR "short-acting contraceptives" OR "contraceptive patch" OR "contraceptive ring" OR "hormonal IUD" OR sponge OR spermicides OR "tubal ligation" OR "Desogestrel" OR "DPMA-SC" OR "Injectable contraception" OR "DMPA-IM") OR ("family planning service\*" OR "Family Planning Polic\*" OR contracept\*" OR "Contraceptives, Oral" OR "contraceptive agent\*" OR "contraceptive device\*" OR "contraceptive behaviour\*" OR "Perinatal Care" OR "Birth Interval\*" OR "Reproductive Control Agent\*" OR condom\*" OR "intrauterine device\*" OR Medroxyprogesterone Acetate OR "contraceptive device\*, female" OR "long-acting reversible contracept\*" OR levonorgestrel OR vasectomy OR "Desogestrel" OR "Reproductive Sterilization" OR "Reproductive Sterilisation")

AND

TI ("Empowerment" (decision-making OR "decision making" OR "choice\*" OR agency OR education OR autonomy "reproductive desire\*" OR planning)("female agency" OR "autonomy" OR "intra-household decision making" OR "women's decision-making" OR "women's decision-making power" OR "gender equality" OR empowerment OR "Empowerment" OR "bargaining power" OR "household decision making" OR "gender norms" OR "freedom of movement" OR "women's mobility" OR "women's status" OR "women's voice" OR "women's leadership" OR "women's agency" OR "gender attitudes" OR "women's economic empowerment" OR "financial autonomy" OR "women's time use")

OR

AB ("Empowerment" (decision-making OR "decision making" OR "choice\*" OR agency OR education OR autonomy "reproductive desire\*" OR planning)("female agency" OR "autonomy" OR "intrahousehold decision making" OR "women's decision-making" OR "women's decision-making power" OR "gender equality" OR empowerment OR "Empowerment" OR "bargaining power" OR "household decision making" OR "gender norms" OR "freedom of movement" OR "women's mobility" OR "women's status" OR "women's voice" OR "women's leadership" OR "women's agency" OR "gender attitudes" OR "women's economic empowerment" OR "financial autonomy" OR "women's time use")

### **The Campbell Library:**

(adolescen\* OR teen\* OR youth\* OR girl\* OR (young adj2 (wom\*n\* OR girl) OR minor\* OR female\* OR adolescent "adolescent behavior" OR "adolescent development" OR "pregnancy in adolescence" OR "teen pregnancy"))

("family planning" OR "contraceptives" OR "Contraceptive Devices" OR "Contraception" OR "birth control" OR "contraception" OR "contraception behavior" OR "short-acting contraceptives" OR "long-acting contraceptives" OR "contraceptive patch" OR "contraceptive ring" OR "medroxyprogesterone acetate injection" OR "emergency contraception" OR "emergency contraceptives" OR diaphragm OR "condoms" OR "implant" OR "intrauterine device" OR "hormonal IUD" OR sponge OR spermicides OR vasectomy OR "male sterilization" OR "tubal ligation" OR "female sterilization" OR "Voluntary Female Sterilization" OR "Voluntary Female Sterilizations" OR "Female Sterilizations" OR "Male Sterilizations" OR sterilization OR abortion OR "vaginal rings" OR "vaginal diaphragm" OR Abortifacient OR "Reproductive Control Agents" OR "cervical cap" OR "cervical caps" OR "coiled spring" OR "coiled springs" OR "vaginal ring" OR "vaginal rings" OR "vaginal diaphragm" OR "vaginal diaphragms" OR "vaginal shield" OR "vaginal shields" OR "Medroxyprogesterone Acetate" OR "Depo-Provera" OR DMPA OR "Contraceptives, Oral" OR "Oral Contraceptives Low-Dose" OR "Oral contraceptive hormonal" OR "Desogestrel" OR "implanon" OR "Jadelle" OR "Norplant" OR "Norplant-2" OR "Postcoital Contraceptives" OR "Emergency Contraceptive" OR "Morning After Pill" OR "Morning-After Pill" OR "Reproductive Sterilization" OR DPMA-SC OR "Injectable contraception" OR "DMPA-IM")

("female agency" OR "autonomy" OR "female empowerment" OR "intrahousehold decision making" OR "women's decision-making" OR "women's decision-making power" OR "gender equality" OR empowerment OR "Empowerment" OR "bargaining power" OR "household decision making" OR "women's decision-making" OR "gender norms" OR "freedom of movement" OR "women empowerment" OR "women's mobility" OR "women's empowerment" OR "women's status" OR "women's autonomy" OR "women's voice" OR "women's leadership")

OR "women's agency" OR "gender attitudes" OR "women's economic empowerment" OR "financial autonomy" OR "women's time use")

#### Cinahl

(( TI (adolescen\* OR teen\* OR youth\* OR girl\* OR (young adj2 (wom\*n\* OR girl) OR minor\* OR female\*) OR (adolescent OR "adolescent behavior" OR "adolescent development" OR "pregnancy in adolescence" OR "teen pregnanc\*")) ) OR ( AB (adolescen\* OR teen\* OR youth\* OR girl\* OR (wom\*n\* OR girl) OR minor\* OR female\*) OR (adolescent OR "adolescent behavior" OR "adolescent development" OR "pregnancy in adolescence" OR "teen pregnanc\*")) )) AND (( TI ("family planning OR "(family AND (plans OR plan OR planning))OR "family planning policy" OR "planned pregnancy" OR "one child policy" OR ""one child policies" OR "pro natalist policy" OR "pronatalist Policy" OR "pro natalist policies" OR "Antinatalist policy" "Antinatalist policies" OR "fertility inhibition" OR "fertility control" OR contraception OR contraceptives OR Immunocontraception OR "contraceptive behavior" OR "contraceptive behaviour" OR "contraceptive behaviors" OR "contraceptive behaviours" OR "contraceptive usage" OR "contraceptive method switching" OR "reproductive control agent" OR "reproductive control agents" OR Abortifacient OR "planned parenthood" OR "postnatal care" OR "postpartum care" OR "perinatal Care" OR (postpartum AND program OR programs) OR "birth interval" OR "birth intervals" OR "birth spacing" OR "pregnancy interval\*" OR "pregnancy intervals" OR "birth control" OR "contraceptive device" OR "contraceptive devices" OR "Oral Contraceptives Low-Dose" OR "Oral contraceptive hormonal" OR depo OR depo-medroxyprogesterone OR Depo-Provera OR "Sayana Press" OR DMPA OR IUD OR IUDS OR IUS OR "intrauterine device\*"OR "intrauterine devices" OR "intrauterine system" OR "cervical cap" OR "vaginal diaphragm"OR "cervical caps" OR "vaginal diaphragms" OR "vaginal ring" OR "vaginal rings" OR implanon OR jadelle OR norplant OR sterilisationOR sterilization OR vasectomy OR "vaginal shields" OR "vaginal shields" OR "coiled spring\*" OR "Organon Brand of Desogestrel" "implanon" OR "Levonorgestrel Wyeth Brand" OR "Norplant" OR "Norplant-2" OR "long-acting reversible contracept\*" OR condom\* OR "Postcoital Contracept\*" OR "Morning After Pill" OR "Morning-After Pill" OR "spermicidal agent\*" OR "emergency contracept\*" OR "vaginal barrier method\*" OR "basal body temperature method\*" OR "standard days method\*" OR "modern contracept\*" OR "short-acting contraceptives" OR "contraceptive patch" OR "contraceptive ring" OR "hormonal IUD" OR sponge OR spermicides OR "tubal ligation" OR "Desogestrel" OR "DPMA-SC"OR "Injectable contraception" OR "DMPA-IM" ) OR ("family planning service\*" OR "Family Planning Polic\*" OR contracept\* OR "Contraceptives, Oral" OR "contraceptive agent\* OR "contraceptive device\*" OR "contraceptive behaviour\*" OR "Perinatal Care" OR "Birth Interval\*" OR "Reproductive Control Agent\*" OR condom\* OR "intrauterine device\*" OR Medroxyprogesterone Acetate OR "contraceptive device\*, female" OR "long-acting reversible contracept\*" OR levonorgestrel OR vasectomy OR "Desogestrel" OR "Reproductive Sterilization" OR "Reproductive Sterilisation" ) ) OR ( AB ("family planning OR "(family AND (plans OR plan OR planning)) OR "family



planning policy" OR "planned pregnancy" OR "one child policy" OR "one child policies"  
 OR "pro natalist policy" OR "pronatalist Policy" OR "pro natalist policies" OR  
 "Antinatalist policy" "Antinatalist policies" OR "fertility inhibition" OR "fertility  
 control" OR contraception OR contraceptives OR Immunocontraception OR  
 "contraceptive behavior" OR "contraceptive behaviour" OR "contraceptive behaviors"  
 OR "contraceptive behaviours" OR "contraceptive usage" OR "contraceptive method  
 switching" OR "reproductive control agent" OR "reproductive control agents" OR  
 Abortifacient OR "planned parenthood" OR "postnatal care" OR "postpartum care"  
 OR "perinatal Care" OR (postpartum AND program OR programs) OR "birth  
 interval" OR "birth intervals" OR "birth spacing" OR "pregnancy interval\*" OR  
 "pregnancy intervals" OR "birth control" OR "contraceptive device" OR "contraceptive  
 devices" OR "Oral Contraceptives Low-Dose" OR "Oral contraceptive hormonal" OR  
 depo OR depo-medroxyprogesterone OR Depo-Provera OR "Sayana Press" OR DMPA OR  
 IUD OR IUDS OR IUS OR "intrauterine device\*" OR "intrauterine devices" OR  
 "intrauterine system" OR "cervical cap" OR "vaginal diaphragm" OR "cervical caps" OR  
 "vaginal diaphragms" OR "vaginal ring" OR "vaginal rings" OR implanon OR jadelle OR  
 norplant OR sterilisation OR sterilization OR vasectomy OR "vaginal shields" OR  
 "vaginal shields" OR "coiled spring\*" OR "Organon Brand of Desogestrel"  
 "implanon" OR "Levonorgestrel Wyeth Brand" OR "Norplant" OR "Norplant-2" OR  
 "long-acting reversible contracept\*" OR condom\* OR "Postcoital Contracept\*" OR  
 "Morning After Pill" OR "Morning-After Pill" OR "spermicidal agent\*" OR "emergency  
 contracept\*" OR "vaginal barrier method\*" OR "basal body temperature method\*" OR  
 "standard days method\*" OR "modern contracept\*" OR "short-acting  
 contraceptives" OR "contraceptive patch" OR "contraceptive ring" OR "hormonal  
 IUD" OR sponge OR spermicides OR "tubal ligation" OR "Desogestrel" OR "DPMA-  
 SC" OR "Injectable contraception" OR "DMPA-IM" ) OR ("family planning service\*" OR  
 "Family Planning Polic\*" OR contracept\* OR "Contraceptives, Oral" OR "contraceptive  
 agent\*" OR "contraceptive device\*" OR "contraceptive behaviour\*" OR "Perinatal Care"  
 OR "Birth Interval\*" OR "Reproductive Control Agent\*" OR condom\* OR  
 "intrauterine device\*" OR Medroxyprogesterone Acetate OR "contraceptive device\*,  
 female" OR "long-acting reversible contracept\*" OR levonorgestrel OR vasectomy  
 OR "Desogestrel" OR "Reproductive Sterilization" OR "Reproductive Sterilisation" ) )  
 AND ( ( TI ("Empowerment" (decision-making OR "decision making" OR "choice\*" OR  
 agency OR education OR autonomy "reproductive desire\*" OR planning) ("female  
 agency" OR "autonomy" OR "intrahousehold decision making" OR "women's decision-  
 making" OR "women's decision-making power" OR "gender equality" OR empowerment  
 OR "Empowerment" OR "bargaining power" OR "household decision making" OR  
 "gender norms" OR "freedom of movement" OR "women's mobility" OR "women's  
 status" OR "women's voice" OR "women's leadership" OR "women's agency" OR  
 "gender attitudes" OR "women's economic empowerment" OR "financial autonomy" OR  
 "women's time use" ) ) OR ( AB ("Empowerment" (decision-making OR "decision making"  
 OR "choice\*" OR agency OR education OR autonomy "reproductive desire\*" OR  
 planning) ("female agency" OR "autonomy" OR "intrahousehold decision making" OR  
 "women's decision-making" OR "women's decision-making power" OR "gender

equality" OR empowerment OR "Empowerment" OR "bargaining power" OR "household decision making" OR "gender norms" OR "freedom of movement" OR "women's mobility" OR "women's status" OR "women's voice" OR "women's leadership" OR "women's agency" OR "gender attitudes" OR "women's economic empowerment" OR "financial autonomy" OR "women's time use" ))