### Supplementary Table 1: Search terms

Medline/	Search Terms	Analogous concepts
Ovid		
Equity	exp Socioeconomic Factors/	"exp Socioeconomic factors"
component	exp health status disparities/	MeSH term covers other sub-
	• (( (social* or economic*) adj3 (status	terms: poverty, social class,
	or stratum or strata or level* or	career mobility, educational
	position* or class* or factor*)) or	status, employment, family
	(socioeconomic* or income* or	characteristics, income,
	gender or religion or caste* or	medical indigency,
	"scheduled caste*" or "scheduled	occupations, social change,
	tribe*" or dalit* or adivasi* or wealth or	social conditions
	poor or "non-poor" or poverty or	Health status disparities
	impoveri* or literacy or marginali* or	MeSH term
	exclusion* or exclud* or vulnerab* or	Social or economic status
	inequ* or disparit* or distribut* or	etc., Income, wealth, caste,
	equal* or equit*) or (education* adj3	gender, religion, poor, non-
	(level* or status)) or (employ* adj3	poor, poverty, impoverished,
	(status or stratum or strata))).af.	literacy, read, write,
		marginalized, exclusion,
		excluded, vulnerable,
		inequity/inequality, disparity,
		distribution, equality, equity,
		educational level/status,
		employment level/status

### MNH component

- Prenatal Injuries/ or exp PrenatalCare/
- exp Tetanus Toxoid/ad, cl, df, sd, tu
   [Administration & Dosage,
   Classification, Deficiency, Supply &
   Distribution, Therapeutic Use]
- Birth Intervals/ or "birth spacing" or "contraception" or "family planning"
- pregnancy/ or gravidity/ or exp labor,
   obstetric/ or pregnancy, high-risk/ or
   exp pregnancy outcome/
- exp Pregnancy Complications/
- Home Childbirth/ or Midwifery/
- exp Delivery, Obstetric/ae, cl, co, mt, mo, st, sn, sd, td, ut [Adverse Effects, Classification, Complications, Methods, Mortality, Standards, Statistics & Numerical Data, Supply & Distribution, Trends, Utilization]
- exp Infant, Low Birth Weight/ or exp Infant, Very Low Birth Weight/ or exp Infant, Extremely Low Birth Weight/ or exp Infant/ or exp Infant, Postmature/ or exp Infant, Premature/ or exp Sudden Infant Death/ or exp Infant, Newborn/ or exp Infant Food/ or exp Infant Mortality/ or exp Infant, Small

#### Behavioural outcomes:

- Antenatal/prenatal care: home
  visits, check-ups (blood
  pressure, hemoglobin
  measures), TT injections, IFA
  tablets, maternal nutrition,
  birth planning
- Delivery care: home/hospital
  delivery, traditional birth
  attendant, midwife, obstetric
  delivery (cesarean section,
  episiotomy, obstetrical
  extraction, labour induced,
  vaginal birth after cesarean,
  fetal version), delivery site
- Postnatal care: postpartum period, lactation, complementary feeding etc. or exclusive breastfeeding, infant food (includes infant formula), kangaroo mother care, cord care, maternal nutrition, "infant and young child feeding"

#### Health outcomes:

Prenatal: pregnancy or gravidity or high risk

- for Gestational Age/ or exp Infant,

  Newborn, Diseases/ or exp Infant,

  Extremely Premature/ or exp Infant

  Care/ or exp Infant, Premature,

  Diseases/ or exp Infant Formula/ or

  exp Infant Death/
- exp Fetal Death/ or exp Fetal
   Diseases/ or exp Fetal Mortality/
- exp Perinatal Death/ or exp Perinatal
   Care/ or exp Perinatal Mortality/
- exp Postnatal Care/
- Exp postpartum period/
- Exp Kangaroo-Mother Care Method/
- exp Breast Feeding/ or exp Bottle
   Feeding/ or exp Infant Nutritional
   Physiological Phenomena/ or exp
   Infant Food/
- exp Maternal Mortality/ or exp
   Maternal Death/
- Child Mortality/
- "folic acid" or "IFA tablet\*" or
  "caesarean section\*" or "traditional
  birth attendant\*" or "birth cent\*" or
  "kangaroo mother care" or "home
  deliver\*" or "hospital deliver\*" or
  "delivery site\*" or "pregnancy
  complication\*" or "cord care"

- pregnancy, or pregnancy
  outcome, pregnancy
  complications (many
  included), prenatal mortality,
  fetal mortality
- Delivery: delivery complications, obstetric (and premature) delivery, birth asphyxia, prolonged labour,
- Perinatal/postnatal: infant, newborn, low birth weight, postmature, premature, perinatal mortality, neonatal or child mortality, pregnancy complications, maternal death or mortality

(Delivery adj3 ("Primary health cent\*" or "community health cent\*")) "breast feed\*" adj3 (exclusive OR "early initiation") ((prenatal or antenatal or prenatal or perinatal or postnatal or postpartum) adj3 ("home visit\*" or care or health or nutrition or "check up\*")) or (maternal adj3 (health or care or care pattern\* or "home visit" or nutrition))).af. CHW Community Health Workers/ Community health worker, lay intervention health worker, volunteer, ("lay health worker\*" or "volunteer health worker\*" or "Accredited Social component ASHA, community health Health Activist\*" or "community health ANM, anganawadi, aide. community nurse midwives or aide\*" or "auxiliary nurse midwives" "angan\*wadi\*" community health volunteers "community midwives" "community Support self-help nurse or health volunteer\*" or "self women's groups group\*" or "community group\*" or Peer educators and "women's group\*" or "support group\*" community-based agents educator\*" or "peer or "community?based agent\*").af. Region exp Asia/ MeSH terms for each component continent cover all indexed exp Africa/ countries included in them exp South America/ MeSH term for developing exp Central America/ countries includes all indexed Developing Countries/cl, sn

	[Classification, Statistics & Numerical	countries
	Data]	Asia, India, South Asia, Africa,
	(asia or india or "south asia" or africa	South America, Developing
	or "south america" or "developing	countries, low-income
	countr*" or "low income countr*" or	countries or middle income
	"middle income countr*").af.	countries as all field search
		terms
Embase/	Search Terms	Analogous concepts
Ovid		
Equity	exp socioeconomics/ or exp	"exp socioeconomic" MeSH
component	educational status/ or exp lowest	term covers other sub-terms:
	income group/ or exp poverty/	poverty, lowest income group,
	• Income/	economic aspect,
	employment/ or employment status/	socioeconomic aspect,
	exp health disparity/	socioeconomic factor
	(((social* or economic*) adj3 (status)	• educational status,
	or stratum or strata or level* or	employment, income MeSH
	position* or class* or factor*)) or	terms
	(income* or gender or religion or	• (exp health disparity) MeSH
	caste* or "scheduled caste*" or	term includes: health
	"scheduled tribe*" or dalit* or adavasi*	disparities, health status
	or wealth or poor or "non-poor" or	disparities, health status
	poverty or impoveri* or literacy or	disparity
	read* or writ* or marginali* or	Social or economic status,
	exclusion* or exclud* or vulnerab* or	position, strata, stratum, level,
	inequ* or disparit* or distribut* or	position, class, factor
	equal* or equit*) or ((education* adj3	• Income, wealth, caste,

(level\* or status)) or (employ\* adj3 (status or stratum or strata)))).af.

gender, religion, poor, nonpoor, poverty, impoverished,
literacy, read, write,
marginalized, exclusion,
excluded, vulnerable,
inequity/inequality, disparity,
distribution, equality, equity,
educational level/status,
employment level/status

### MNH component

- prenatal injury/ or exp prenatal care/
   or exp prenatal mortality/ or exp
   prenatal period/
- tetanus toxoid/ ad, po [Drug
   Administration, Oral Drug

   Administration]
- folic acid/ad, po [Drug Administration,
   Oral Drug Administration]
- exp family planning/ or "birth spacing"
   or "birth intervals" or "contraception"
- exp instrumental delivery/
- exp midwife/ or exp nurse midwife/ or exp traditional birth attendant/
- exp delivery/ or exp home delivery/ or exp instrumental delivery/ or exp labor induction/ or exp vaginal delivery/
- exp pregnancy outcome/ or exp

### Behavioural outcomes:

- Antenatal/prenatal care: home visits, check-ups (blood pressure, hemoglobin measures), TT injections, IFA tablets, maternal nutrition, birth planning
- Delivery care: home/hospital delivery, traditional birth attendant, midwife, instrumental delivery (covers: operative delivery, surgical delivery, delivery, obstetric operation, cesarean section, breech extraction, forceps delivery, vacuum extraction), delivery at PHCs or CHCs, perinatal period and care.

- pregnancy complication/ or exp pregnancy/ or exp labor complication/
- exp lactation/
- exp breast feeding/
- exp infant feeding/ or exp infant nutrition/ or exp bottle feeding/ or exp breast feeding/ or exp baby food
- newborn mortality/ or fetus mortality/ or perinatal mortality/ or premature mortality/ or infant mortality/ or prenatal mortality
- exp stillbirth
- exp perinatal infection/ or exp perinatal morbidity/ or exp perinatal
   period/ or exp perinatal care/
- exp prematurity/ or exp "immature and premature labor"/ or exp newborn disease/
- exp low birth weight/ or exp birth weight/ or exp extremely low birth weight/ or exp small for date infant/ or exp very low birth weight/
- exp maternal disease/ or exp maternal mortality/ or exp maternal morbidity/ or exp maternal nutrition/ or exp maternal care/
- exp kangaroo care/

 Postnatal care: postpartum period, lactation, (exclusive or early initiation) breastfeeding, kangaroo mother care, infant food, feeding or nutrition, complementary feeding, cord care, maternal nutrition

### Health outcomes:

- Prenatal: pregnancy or pregnancy outcome, or pregnancy complications (many included), prenatal mortality, fetal mortality
- Delivery: pregnancy or labor complications
- Perinatal/postnatal: infant,
  newborn, low birth weight,
  "premature and immature
  labour", perinatal infection,
  morbidity or mortality,
  neonatal or childhood
  mortality
- Maternal death, disease,
   morbidity or mortality

- exp postnatal care/
- exp child health/
- ("IFA tablet\*" or "TT injection\*" or
  "caesarean section\*" or "traditional
  birth attendant\*" or "birth cent\*" or
  "kangaroo mother care" or "hospital
  delivery" or "home delivery" or "cord
  care")
- (Delivery adj3 ("Primary health cent\*")
   or "community health cent\*"))
- "breast feed\*" adj3 (exclusive OR "early initiation")
- ((prenatal or antenatal or perinatal or postnatal or postpartum) adj3 (care or "home visit\*" or health or nutrition or death or "check up\*")) a.f.
- ((maternal) adj3 (health or care or "care pattern\*" or nutrition))a.f.

### CHW

### intervention component

- exp health auxiliary/
- health worker\*" or "volunteer health worker\*" or "Accredited Social Health Activist\*" or "community health aide\*" or "auxiliary nurse midwives" or "angan\*wadi\*" or "community health worker\*" or "community nurse midwives" or "community health volunteer\*" or "self help group\*" or •
- Auxiliary health worker, lay health worker, volunteer, ASHA, community health aide, ANM, anganawadi, community nurse midwives or community health volunteers
  - Support or self-help or women's groups
  - Peer educators and

	"community group*" or "women's	community-based agents
	group*" or "support group*" or "peer	
	educator*" or "community?based	
	agent*")	
Region	exp Asia/	MeSH terms for each
component	exp Africa/	continent cover all indexed
	exp South America/	countries included in them
	exp Central America	MeSH term for developing
	exp developing country/	countries includes all indexed
	(asia or india or africa or "central	countries
	America" or "south america" or	Asia, India, South Asia, Africa,
	"developing countr*" or "low income	South America, Developing
	countr*" or "middle income countr*")	countries, low-income
		countries or middle income
		countries as all field search
		terms
Web of	Search Terms	Analogous concepts
Science		
Equity	TS=((*social* OR economic* OR	Social/economic/education/e
component	education* OR *employ*) NEAR/3	mployment near
	(status OR stratum OR strata OR	status/stratum/strata/level/pos
	level* OR position* OR class* OR	ition/class/factor
	factor*))	poverty, educational status,
	• TS = (("socioeconomic factors" or	employment
	"socioeconomic status" or "health	socioeconomic factors/status,
	status disparit*" or "health disparit*"	or health status disparities
	socioeconomic* or income* or gender	• Income, wealth, caste,

or religion or caste\* or "scheduled caste\*" or "scheduled tribe\*" or dalit\* or adavasi\* or wealth or poor or "non-poor" or poverty or impoveri\* or literacy or read\* or writ\* or marginali\* or exclusion\* or exclud\* or vulnerab\* or inequ\* or disparit\* or distribut\* or equal\* or equit\*))

gender, religion, poor, nonpoor, poverty, impoverished,
literacy, read, write,
marginalized, exclusion,
excluded, vulnerable,
inequity/inequality, disparity,
distribution, equality, equity

## MNH component

- TS= ("home visit\*" OR "tetanus toxoid" OR "iron folic acid" OR "birth plan\*" OR "birth spac\*" contraception or "kangaroo mother care" OR "skin to skin contact" OR stillbirth\* OR "live birth\*" OR "c\$esarean section\*" OR "traditional birth attendant\*" OR midwife OR "obstetric deliver\*" OR "induced labour" OR "vaginal birth\*" OR "delivery site" OR "home deliver\*" OR "hospital deliver\*")
- TS= (pregnancy or gravidity or "high risk pregnancy" "pregnancy or outcome" "pregnancy or complication\*" OR asphyxia OR preeclampsia OR \*eclampsia OR "obstructed labo\$r" OR "prolonged labour" or "breech" or "delivery

### Behavioural outcomes:

- Antenatal/prenatal care: home visits, check-ups (blood pressure, hemoglobin measures), TT injections, IFA tablets, maternal nutrition, birth planning and contraception
- Delivery care home/hospital delivery, traditional birth attendant, midwife, obstetric delivery (cesarean section, episiotomy, induced labour, vaginal birth), delivery site
- Postnatal care: postpartum period, lactation, complementary feeding etc. or exclusive breastfeeding, infant food (includes infant formula),

complication\*" or "low birth weight"

OR postpartum period" or "lactation"

or "complementary feeding" or

"exclusive breastfeeding" or

"breastfeeding" or "early initiation of

breastfeeding" or "infant food" or

"infant formula" or "cord care" or

"young child feeding")

- TS = ((complication\* OR preterm OR premature OR "high risk") NEAR/3
   (deliv\* OR birth OR pregnan\* OR labo\$r\* OR deliver\*))
- TS = ((fetal OR antenatal OR perinatal OR prenatal OR infant OR neonatal OR newborn OR postnatal OR postpartum OR maternal)
   NEAR/3 (care OR or health OR nutrition OR mortal\* OR death OR morbidity OR disease\* OR illness\*))

kangaroo mother care, cord care, maternal nutrition, "infant and young child feeding"

### Health outcomes:

- Prenatal: pregnancy or gravidity high or risk pregnancy pregnancy, or outcome, pregnancy complications (many included), prenatal mortality, fetal mortality
- Delivery: delivery complications, obstetric (and premature) delivery, birth asphyxia, prolonged labour, breech
- Perinatal/postnatal: infant, newborn, low birth weight, premature, perinatal mortality, neonatal or child mortality, pregnancy complications, maternal death or mortality

# CHW intervention component

- TS= ("lay health worker\*" OR

  "volunteer health worker\*" OR

  "Accredited Social Health Activist\*"

  OR "community health aide\*" OR
- Community health worker, lay health worker, volunteer,
   ASHA, community health aide, ANM, anganwadi,

	"auxiliary nurse midwives" OR	community nurse midwives or
	"angan*wadi*" OR "community health	community health volunteers
	worker*" or "community health	Support or self-help or
	volunteer*")	women's groups
	• TS= ("self help group*" or	Peer educators and
	"community group*" or "women's	community-based agents
	group*" or "support group*" or "peer	
	educator*" or "community?based	
	agent*")	
Region	TS = (asia OR "south asia" or india	Comparable continents and
component	OR africa OR "south America" OR	countries of interest included -
	"central America" or "developing	Asia, India, South Asia, Africa,
	countr*" OR "low income countr*" OR	South America, Developing
	"middle income countr*")	countries, low-income
		countries or middle income
		countries as all field search
		terms
Scopus	Search Terms	Analogous concepts
Equity	TITLE-ABS-KEY((*social* OR econ	"exp Socioeconomic factors"
component	omic* OR education* OR *employ*)	covers other sub-terms:
	W/3 (status OR stratum OR strata OR	poverty, social class, career
	level* OR position* OR class* OR	mobility, educational status,
	factor*))	employment, family
	TITLE-ABS-KEY ("socioeconomic	characteristics, income,
	factor*" or "socioeconomic status" OR	medical indigency,
	"health status disparit*" or "health	occupations, social change,
	status distribution" or "health	social conditions

disparit\*" or or income\* or gender or religion or caste\* or "scheduled caste\*" or "scheduled tribe\*" or dalit\* or adavasi\* or wealth or poor or "nonpoor" or poverty or impoveri\* or literacy or or marginali\* or "social exclusion\*" or vulnerab\* or inequ\* or disparit\* or equal\* or equit\*)

- Health status disparities
- Social or economic status etc., Income, wealth, religion, caste, gender, poor, non-poor, poverty. impoverished, literacy, social exclusion, marginalized, health status disparities, vulnerable, inequity/inequality, disparity, equality, equity, educational level/status, employment level/status

### MNH component

TITLE-ABS-KEY ("home visit" or "tetanus toxoid" or "iron folic acid" or "birth plan\*" or "birth spac\*" or contraception OR stillbirth\* OR "live birth\*" OR "pregnancy" or "gravidity" or "high risk pregnancy" "pregnancy outcome" or "pregnancy complication\*" OR "delivery complication\*" or "obstetric deliver\*" or "vaginal birth\*" or "delivery site" or "home deliver\*" or "hospital deliver\*" or "c\$esarean section\*" OR "midwife" or "traditionalbirth attendant\*" OR preeclampsia asphyxia OR OR eclampsia OR "induced labo\$r" OR

#### Behavioural outcomes:

- Antenatal/prenatal care: home visits, check-ups (blood pressure, hemoglobin measures), TT injections, IFA tablets, maternal nutrition, birth planning and contraception
- Delivery care: delivery site,
   home/hospital delivery,
   traditional birth attendant,
   midwife, obstetric delivery,
   cesarean section, episiotomy,
   obstetrical extraction, labour
   induced, vaginal birth

- "obstructed labo\$r" OR "prolonged labo\$r" OR "vaginal birth" or "breech" OR breastfe\* OR lactation or "delivery complication\*" or "low birth weight" OR "kangaroo mother care" OR "skin skin contact" "exclusive to breastfeeding" or "complementary feeding" "early initiation of breastfeeding" or "infant food" or "infant formula" or "cord care" or "young child feeding")
- TITLE-ABS-KEY ((complication\* OR preterm OR premature OR "high risk") W/3 (deliv\* OR birth OR pregnan\* OR labo\$r\* OR deliver\*))
- TITLE-ABS-KEY ((fetal OR prenatal or antenatal or perinatal OR neonatal or newborn or infant OR postnatal OR postpartum OR maternal) W/3 (care OR health OR nutrition OR mortal\* OR morbidity OR death OR disease\*
   OR illness\* OR feeding OR food))

Postnatal care: lactation, complementary feeding, early initiation exclusive or breastfeeding, infant/young food child or feeding, kangaroo mother care, cord care, infant and maternal nutrition, "infant and young child feeding"

#### Health outcomes:

- Prenatal: pregnancy or gravidity or high risk pregnancy, or pregnancy outcome, pregnancy complications, prenatal mortality, fetal mortality
- Delivery: delivery complications, obstetric (and premature) delivery, birth asphyxia, prolonged labour, pre- or eclampsia
- Perinatal/postnatal: infant, newborn, low birth weight, premature, perinatal mortality, neonatal or infant morbidity or mortality, maternal death, morbidity or mortality

#### CHW ALL ("lay health worker\*" OR • Community health worker, lay intervention "volunteer health worker\*" OR health worker, volunteer, component "Accredited Social Health Activist\*" ASHA, community health OR "community health aide\*" OR aide, ANM, anganawadi, "auxiliary nurse midwives" OR community nurse midwives or "angan\*wadi\*" OR "community health community health volunteers "community worker\*" or health • Support or self-help or volunteer\*" or "self help group\*" or women's groups "community group\*" or "women's Peer educators and group\*" or "support group\*" or "peer community-based agents educator\*" or "community?based agent\*") Region TITLE-ABS-KEY (asia OR "south | • Comparable continents and component asia" or india OR africa OR "south countries of interest included -America" OR "central America" or Asia, India, South Asia, Africa, "developing countr\*" OR "low income South America, Developing countr\*" OR "middle income countr\*") countries, low-income countries or middle income countries as all field search terms