Supplemental Online Content

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- eTable 1. Study Search Strategies
- eTable 2. Intervention Characteristics of Included Studies
- eTable 3. Author Judgments of Risk of Bias Across All Included Studies
- **eTable 4.** Grading of Recommendations Assessment, Development, and Evaluation (GRADE) Evidence Profile
- eFigure 1. Forest Plot Meta-Analyses for Different Psychosocial Outcomes
- **eFigure 2.** Subgroup Analyses of Each Outcome According to Children- and Intervention-Level Factors
- eFigure 3. Funnel Plot Analyses
- eFigure 4. Leave-One-Out Sensitivity Analyses

This supplemental material has been provided by the authors to give readers additional information about their work.

eTable 1. Study Search Strategies

PubMed

No.	Search strategies
#1	"Child" [Mesh] OR "Pediatrics" [Mesh] OR "Adolescent" [Mesh] OR "Infant" [Mesh]
	OR "Minors" [Mesh]
#2	"child*" OR "kid*" OR "boy*" OR "girl*" OR "preschool*" OR "schoolchild" OR
	"pediatric*" OR "paediatric*" OR "adolescen*" OR "teen*" OR "preteen*" OR "youth*"
	OR "juvenil*" OR "young" OR "puber" OR "pubescen*" OR "underage*" OR "under-
	age*" OR "infan*" OR "neonat*" OR "neo-nat*" OR "newborn*" OR "new-born*" OR
	"baby" OR "babies" OR "toddler*" OR "minor*" OR "offspring*" OR "young people"
#3	#1 OR #2
#4	"Chronic Disease" [Mesh] OR "Anemia" [Mesh] OR "Arthritis" [Mesh] OR "Asthma"
	[Mesh] OR "Attention Deficit Disorder with Hyperactivity" [Mesh] OR "Autism
	Spectrum Disorder" [Mesh] OR "Asperger Syndrome" [Mesh] OR "Autistic Disorder"
	[Mesh] OR "Vision Disorders" [Mesh] OR "Brain Injuries" [Mesh] OR "Bronchitis"
	[Mesh] OR "Cerebral Palsy" [Mesh] OR "Congenital Abnormalities" [Mesh] OR
	"Cystic Fibrosis" [Mesh] OR "Developmental Disabilities" [Mesh] OR "Diabetes
	Mellitus" [Mesh] OR "Down Syndrome" [Mesh] OR "Epilepsy" [Mesh] OR "Genetic
	Diseases, Inborn" [Mesh] OR "Heart Defects, Congenital" [Mesh] OR "Heart
	Diseases" [Mesh] OR "Hematologic Diseases" [Mesh] OR "Anemia, Sickle Cell"
	[Mesh] OR "Hemophilia A" [Mesh] OR "HIV" [Mesh] OR "Intellectual Disability"
	[Mesh] OR "Kidney Diseases" [Mesh] OR "Mental Disorders" [Mesh] OR
	"Musculoskeletal Diseases" [Mesh] OR "Neoplasms" [Mesh] OR "Schizophrenia"
	[Mesh] OR "Spinal Dysraphism" [Mesh] OR "Thalassemia" [Mesh] OR "Trisomy"
	[Mesh]
#5	"chronic disease*" OR "chronic ill*" OR "chronically ill*" OR "chronic disorder*" OR
	"chronic health" OR "chronic condition*" OR "anemia*" OR "arthriti*" OR
	"osteoarthriti*" OR "polyarthriti*" OR "asthma*" OR "ADHD" OR "attention deficit
	disorder*" OR "autism" OR "autistic" OR "asperger disease*" OR "asperger
	disorders" OR "asperger syndrome" OR "kanner* syndrome" OR "ASD" OR
	"blindness" OR "amaurosis" OR "vision loss*" OR "loss of vision" OR "vision
	disorder*" OR "visual* impair*" OR "brain injur*" OR "brain laceration*" OR "TBI" OR
	"TBIS" OR "bronchiti*" OR "cerebral pals*" OR "little* disease" OR "spastic diplegia*"
	OR "birth defect*" OR "congenital abnormalit*" OR "congenital anomalies" OR
	"congenital defect*" OR "deformit*" OR "cystic fibrosis" OR "fibrocystic disease of
	pancreas" OR "mucoviscidosis" OR "pancreas fibrocystic disease*" OR
	"development* deviation*" OR "development* disab*" OR "development* disorder*"
	OR "developmental delay disorder*" OR "diabetes" OR "down* syndrome" OR
	"mongolism" OR "trisomy 21" OR "trisomy g" OR "epilep*" OR "seizure disorder*"
	OR "genetic disease*" OR "genetic disorder*" OR "hereditary disease*" OR "single
	gene defects" OR "cardiac disease*" OR "cardiac disorder*" OR "heart disease*" OR

	"heart disorder*" OR "heart defect*" OR "heart abnormalit*" OR "heart malform*" OR
	"blood disease*" OR "blood disorder*" OR "haematologic* disease*" OR
	"hematologic* disease*" OR "haematologic* disorder*" OR "hematologic* disorder*"
	OR "sickle cell anemia*" OR "sickle cell disease*" OR "sickle cell disorder*" OR "hbs
	disease" OR "hemoglobin s disease" OR "haemophilia*" OR "hemophilia*" OR
	"factor viii deficien*" OR "factor 8 deficien*" OR "aids virus*" OR "acquired immune
	deficiency syndrome virus*" OR "AIDS virus*" OR "hiv" OR "htlv-iii" OR "HIV*" OR
	"human t cell leukemia virus type iii" OR "human t cell lymphotropic virus type iii" OR
	"human t lymphotropic virus type iii" OR "lav-htlv-iii" OR "lymphadenopathy
	associated virus*" OR "intellectual development disorder*" OR "intellectual disabilit*"
	OR "mental deficienc*" OR "mental retardation" OR "kidney disease*" OR "kidney
	disorder*" OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR
	"mental* ill*" OR "psychiatric disease*" OR "psychiatric disorder*" OR "psychiatric
	illness*" OR "musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*"
	OR "MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*"
	OR "cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR
	"malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia
	praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*"
	OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus"
	OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*"
#6	#4 OR #5
#7	"Parents" [Mesh] OR "Caregivers" [Mesh] OR "Mothers" [Mesh] OR "Fathers" [Mesh]
	OR "Family" [Mesh]
#8	"parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR
	"maternal*" OR "paternal*"
#9	#7 OR #8
#10	"Problem Solving" [Mesh]
#11	"problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR
	"problem solving intervention*" OR "problem-solving intervention*" OR "problem
	solving train*" OR "problem-solving train*" OR "problem solving program*" OR
	"problem-solving program*" OR "problem solving treatment" OR "problem-solving
	treatment" OR "problem solving workshop" OR "problem-solving workshop" OR
	"problem solving education" OR "problem-solving education" OR "problem solving
	approach" OR "problem-solving approach" OR "problem solving skills train*" OR
	"problem-solving skills train*" OR "PST" OR "PSST"
#12	#10 OR #11
#13	"Clinical Trial" [Publication Type] OR "Controlled Clinical Trial" [Publication Type] OR
	"Randomized Controlled Trial" [Publication Type] OR "Controlled Clinical Trials as
	Topic" [Mesh] OR "Random Allocation" [Mesh] OR "Double-Blind Method" [Mesh]
	OR "Single-Blind Method" [Mesh]
#14	"randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*"
	OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*"
	OR "waiting list*"
#15	#13 OR #14
#16	#3 AND #6 AND #9 AND #12 AND #15

Embase

No	Convola attraction
No.	Search strategies "Child"/avm OB "Dedictrice"/avm OB "Adalescent"/avm OB "Infort"/avm OB
#1	"Child"/exp OR "Pediatrics"/exp OR "Adolescent"/exp OR "Infant"/exp OR "Minors"/exp
#2	·
#2	("child*" OR "kid*" OR "boy*" OR "girl*" OR "preschool*" OR "schoolchild" OR
	"pediatric*" OR "paediatric*" OR "adolescen*" OR "teen*" OR "preteen*" OR "youth*"
	OR "juvenil*" OR "young" OR "puber" OR "pubescen*" OR "underage*" OR "under-
	age*" OR "infan*" OR "neonat*" OR "neo-nat*" OR "newborn*" OR
	"baby" OR "babies" OR "toddler*" OR "minor*" OR "offspring*" OR "young
""	people"):ti,ab,kw
#3	#1 OR #2
#4	"Chronic Disease"/exp OR "Anemia"/exp OR "Arthritis"/exp OR "Asthma"/exp OR
	"Attention Deficit Disorder with Hyperactivity"/exp OR "Autism Spectrum
	Disorder"/exp OR "Asperger Syndrome"/exp OR "Autistic Disorder"/exp OR "Vision
	Disorders"/exp OR "Brain Injuries"/exp OR "Bronchitis"/exp OR "Cerebral Palsy"/exp
	OR "Congenital Abnormalities"/exp OR "Cystic Fibrosis"/exp OR "Developmental
	Disabilities"/exp OR "Diabetes Mellitus"/exp OR "Down Syndrome"/exp OR
	"Epilepsy"/exp OR "Genetic Diseases, Inborn"/exp OR "Heart Defects,
	Congenital"/exp OR "Heart Diseases"/exp OR "Hematologic Diseases"/exp OR
	"Anemia, Sickle Cell"/exp OR "Hemophilia A"/exp OR "HIV"/exp OR "Intellectual
	Disability"/exp OR "Kidney Diseases"/exp OR "Mental Disorders"/exp OR
	"Musculoskeletal Diseases"/exp OR "Neoplasms"/exp OR "Schizophrenia"/exp OR
	"Spinal Dysraphism"/exp OR "Thalassemia"/exp OR "Trisomy"/exp
#5	("chronic disease*" OR "chronic ill*" OR "chronically ill*" OR "chronic disorder*" OR
	"chronic health" OR "chronic condition*" OR "anemia*" OR "arthriti*" OR
	"osteoarthriti*" OR "polyarthriti*" OR "asthma*" OR "ADHD" OR "attention deficit
	disorder*" OR "autism" OR "autistic" OR "asperger disease*" OR "asperger
	disorders" OR "asperger syndrome" OR "kanner* syndrome" OR "ASD" OR
	"blindness" OR "amaurosis" OR "vision loss*" OR "loss of vision" OR "vision
	disorder*" OR "visual* impair*" OR "brain injur*" OR "brain laceration*" OR "TBI" OR
	"TBIS" OR "bronchiti*" OR "cerebral pals*" OR "little* disease" OR "spastic diplegia*"
	OR "birth defect*" OR "congenital abnormalit*" OR "congenital anomalies" OR
	"congenital defect*" OR "deformit*" OR "cystic fibrosis" OR "fibrocystic disease of
	pancreas" OR "mucoviscidosis" OR "pancreas fibrocystic disease*" OR
	"development* deviation*" OR "development* disab*" OR "development* disorder*"
	OR "developmental delay disorder*" OR "diabetes" OR "down* syndrome" OR
	"mongolism" OR "trisomy 21" OR "trisomy g" OR "epilep*" OR "seizure disorder*"
	OR "genetic disease*" OR "genetic disorder*" OR "hereditary disease*" OR "single
	gene defects" OR "cardiac disease*" OR "cardiac disorder*" OR "heart disease*" OR
	"heart disorder*" OR "heart defect*" OR "heart abnormalit*" OR "heart malform*" OR
	"blood disease*" OR "blood disorder*" OR "haematologic* disease*" OR
	"hematologic* disease*" OR "haematologic* disorder*" OR "hematologic* disorder*"

	OD %-1-14
	OR "sickle cell anemia*" OR "sickle cell disease*" OR "sickle cell disorder*" OR "hbs
	disease" OR "hemoglobin s disease" OR "haemophilia*" OR "hemophilia*" OR
	"factor viii deficien*" OR "factor 8 deficien*" OR "aids virus*" OR "acquired immune
	deficiency syndrome virus*" OR "AIDS virus*" OR "hiv" OR "htlv-iii" OR "HIV*" OR
	"human t cell leukemia virus type iii" OR "human t cell lymphotropic virus type iii" OR
	"human t lymphotropic virus type iii" OR "lav-htlv-iii" OR "lymphadenopathy
	associated virus*" OR "intellectual development disorder*" OR "intellectual disabilit*"
	OR "mental deficienc*" OR "mental retardation" OR "kidney disease*" OR "kidney
	disorder*" OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR
	"mental* ill*" OR "psychiatric disease*" OR "psychiatric disorder*" OR "psychiatric
	illness*" OR "musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*"
	OR "MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*"
	OR "cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR
	"malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia
	praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*"
	OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus"
	OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*"):ti,ab,kw
#6	#4 OR #5
#7	"Parents"/exp OR "Caregivers"/exp OR "Mothers"/exp OR "Fathers"/exp OR
	"Family"/exp
#8	("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR
	"maternal*" OR "paternal*"):ti,ab,kw
#9	#7 OR #8
#10	"Problem Solving"/exp
#11	("problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR
	"problem solving intervention*" OR "problem-solving intervention*" OR "problem
	solving train*" OR "problem-solving train*" OR "problem solving program*" OR
	"problem-solving program*" OR "problem solving treatment" OR "problem-solving
	treatment" OR "problem solving workshop" OR "problem-solving workshop" OR
	"problem solving education" OR "problem-solving education" OR "problem solving
	approach" OR "problem-solving approach" OR "problem solving skills train*" OR
	"problem-solving skills train*" OR "PST" OR "PSST"):ti,ab,kw
#12	#10 OR #11
#13	"Clinical Trial"/de OR "Controlled Clinical Trial"/de OR "Randomized Controlled
	Trial"/de OR "Controlled Clinical Trial (topic)"/exp OR "Random Allocation"/exp OR
	"Double-Blind Method"/exp OR "Single-Blind Method"/exp
#14	("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*"
	OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*"
	OR "waiting list*"):ti,ab,kw
#15	#13 OR #14
#16	#3 AND #6 AND #9 AND #12 AND #15

CINAHL

Search strategies
(MH "Child") OR (MH "Pediatrics") OR (MH "Adolescent") OR (MH "Infant") OR (MH
"Minors")
TI ("child*" OR "kid*" OR "boy*" OR "girl*" OR "preschool*" OR "schoolchild" OR
"pediatric*" OR "paediatric*" OR "adolescen*" OR "teen*" OR "preteen*" OR "youth*"
OR "juvenil*" OR "young" OR "puber" OR "pubescen*" OR "underage*" OR "under-
age*" OR "infan*" OR "neonat*" OR "neo-nat*" OR "newborn*" OR "new-born*" OR
"baby" OR "babies" OR "toddler*" OR "minor*" OR "offspring*" OR "young people")
OR "AB (child*" OR "kid*" OR "boy*" OR "girl*" OR "preschool*" OR "schoolchild"
OR "pediatric*" OR "paediatric*" OR "adolescen*" OR "teen*" OR "preteen*" OR
"youth*" OR "juvenil*" OR "young" OR "puber" OR "pubescen*" OR "underage*" OR
"under-age*" OR "infan*" OR "neonat*" OR "neo-nat*" OR "newborn*" OR "new-
born*" OR "baby" OR "babies" OR "toddler*" OR "minor*" OR "offspring*" OR "young
people")
#1 OR #2
(MH "Chronic Disease") OR (MH "Anemia") OR (MH "Arthritis") OR (MH "Asthma")
OR (MH "Attention Deficit Disorder with Hyperactivity") OR (MH "Autism Spectrum
Disorder") OR (MH "Asperger Syndrome") OR (MH "Autistic Disorder") OR (MH
"Vision Disorders") OR (MH "Brain Injuries") OR (MH "Bronchitis") OR (MH
"Cerebral Palsy") OR (MH "Congenital Abnormalities") OR (MH "Cystic Fibrosis")
OR (MH "Developmental Disabilities") OR (MH "Diabetes Mellitus") OR (MH "Down
Syndrome") OR (MH "Epilepsy") OR (MH "Genetic Diseases, Inborn") OR (MH
"Heart Defects, Congenital") OR (MH "Heart Diseases") OR (MH "Hematologic
Diseases") OR (MH "Anemia, Sickle Cell") OR (MH "Hemophilia A") OR (MH "HIV")
OR (MH "Intellectual Disability") OR (MH "Kidney Diseases") OR (MH "Mental
Disorders") OR (MH "Musculoskeletal Diseases") OR (MH "Neoplasms") OR (MH
"Schizophrenia") OR (MH "Spinal Dysraphism") OR (MH "Thalassemia") OR (MH
"Trisomy") TI ("chronic disease*" OR "chronic ill*" OR "chronically ill*" OR "chronic disorder*"
OR "chronic health" OR "chronic condition*" OR "anemia*" OR "arthriti*" OR
"osteoarthriti*" OR "polyarthriti*" OR "asthma*" OR "ADHD" OR "attention deficit
disorder*" OR "autism" OR "autistic" OR "asperger disease*" OR "asperger
disorders" OR "asperger syndrome" OR "kanner* syndrome" OR "ASD" OR
"blindness" OR "amaurosis" OR "vision loss*" OR "loss of vision" OR "vision
disorder*" OR "visual* impair*" OR "brain injur*" OR "brain laceration*" OR "TBI" OR
"TBIS" OR "bronchiti*" OR "cerebral pals*" OR "little* disease" OR "spastic diplegia*"
OR "birth defect*" OR "congenital abnormalit*" OR "congenital anomalies" OR
"congenital defect*" OR "deformit*" OR "cystic fibrosis" OR "fibrocystic disease of
pancreas" OR "mucoviscidosis" OR "pancreas fibrocystic disease*" OR
"development* deviation*" OR "development* disab*" OR "development* disorder*"
OR "developmental delay disorder*" OR "diabetes" OR "down* syndrome" OR

"mongolism" OR "trisomy 21" OR "trisomy g" OR "epilep*" OR "seizure disorder*" OR "genetic disease*" OR "genetic disorder*" OR "hereditary disease*" OR "single gene defects" OR "cardiac disease*" OR "cardiac disorder*" OR "heart disease*" OR "heart disorder*" OR "heart defect*" OR "heart abnormalit*" OR "heart malform*" OR "blood disease*" OR "blood disorder*" OR "haematologic* disease*" OR "hematologic* disease*" OR "haematologic* disorder*" OR "hematologic* disorder*" OR "sickle cell anemia*" OR "sickle cell disease*" OR "sickle cell disorder*" OR "hbs disease" OR "hemoglobin s disease" OR "haemophilia*" OR "hemophilia*" OR "factor viii deficien*" OR "factor 8 deficien*" OR "aids virus*" OR "acquired immune deficiency syndrome virus*" OR "AIDS virus*" OR "hiv" OR "htlv-iii" OR "HIV*" OR "human t cell leukemia virus type iii" OR "human t cell lymphotropic virus type iii" OR "human t lymphotropic virus type iii" OR "lav-htlv-iii" OR "lymphadenopathy associated virus*" OR "intellectual development disorder*" OR "intellectual disabilit*" OR "mental deficienc*" OR "mental retardation" OR "kidney disease*" OR "kidney disorder*" OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR "mental* ill*" OR "psychiatric disease*" OR "psychiatric disorder*" OR "psychiatric illness*" OR "musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*" OR "MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR "malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*") OR AB ("chronic disease*" OR "chronic ill*" OR "chronically ill*" OR "chronic disorder*" OR "chronic health" OR "chronic condition*" OR "anemia*" OR "arthriti*" OR "osteoarthriti*" OR "polyarthriti*" OR "asthma*" OR "ADHD" OR "attention deficit disorder*" OR "autism" OR "autistic" OR "asperger disease*" OR "asperger disorders" OR "asperger syndrome" OR "kanner* syndrome" OR "ASD" OR "blindness" OR "amaurosis" OR "vision loss*" OR "loss of vision" OR "vision disorder*" OR "visual* impair*" OR "brain injur*" OR "brain laceration*" OR "TBI" OR "TBIS" OR "bronchiti*" OR "cerebral pals*" OR "little* disease" OR "spastic diplegia*" OR "birth defect*" OR "congenital abnormalit*" OR "congenital anomalies" OR "congenital defect*" OR "deformit*" OR "cystic fibrosis" OR "fibrocystic disease of pancreas" OR "mucoviscidosis" OR "pancreas fibrocystic disease*" OR "development* deviation*" OR "development* disab*" OR "development* disorder*" OR "developmental delay disorder*" OR "diabetes" OR "down* syndrome" OR "mongolism" OR "trisomy 21" OR "trisomy g" OR "epilep*" OR "seizure disorder*" OR "genetic disease*" OR "genetic disorder*" OR "hereditary disease*" OR "single gene defects" OR "cardiac disease*" OR "cardiac disorder*" OR "heart disease*" OR "heart disorder*" OR "heart defect*" OR "heart abnormalit*" OR "heart malform*" OR "blood disease*" OR "blood disorder*" OR "haematologic* disease*" OR "hematologic* disease*" OR "haematologic* disorder*" OR "hematologic* disorder*" OR "sickle cell anemia*" OR "sickle cell disease*" OR "sickle cell disorder*" OR "hbs disease" OR "hemoglobin s disease" OR "haemophilia*" OR "hemophilia*" OR "factor viii deficien*" OR "factor 8 deficien*" OR "aids virus*" OR "acquired immune deficiency syndrome virus*" OR

	"AIDS virus*" OR "hiv" OR "htlv-iii" OR "HIV*" OR "human t cell leukemia virus type iii" OR "human t cell lymphotropic virus type iii" OR "human t lymphotropic virus type iii" OR "lav-htlv-iii" OR "lymphadenopathy associated virus*" OR "intellectual development disorder*" OR "intellectual disabilit*" OR "mental deficienc*" OR "mental retardation" OR "kidney disease*" OR "kidney disorder*" OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR "mental* ill*" OR "psychiatric disease*" OR "psychiatric disorder*" OR "psychiatric illness*" OR "musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*" OR "MSD*" OR "orthopedic disorder*" OR "orthopedic disorder*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR "malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*")
#6	#4 OR #5
#7	(MH "Parents") OR (MH "Caregivers") OR (MH "Mothers") OR (MH "Fathers") OR (MH "Family")
#8	TI ("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR
	"maternal*" OR "paternal*") OR AB ("parent*" OR "caregiver*" OR "carer*" OR
	"mother*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*")
#9	#7 OR #8
#10	(MH "Problem Solving")
#11	TI ("problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR "problem solving intervention*" OR "problem-solving intervention*" OR "problem solving train*" OR "problem-solving train*" OR "problem-solving program*" OR "problem-solving treatment" OR "problem-solving treatment" OR "problem-solving treatment" OR "problem-solving workshop" OR "problem solving education" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem-solving skills train*" OR "problem-solving skills train*" OR "problem-solving therap*" OR "problem-solving" OR "problem solving therap*" OR "problem solving intervention*" OR "problem-solving intervention*" OR "problem-solving train*" OR "problem-solving train*" OR "problem-solving treatment" OR "problem solving approach" OR "problem solving approach" OR "problem-solving approach" OR "problem-solving approach" OR "problem-solving approach" OR "problem-solving skills train*" OR "p
#12	#10 OR #11
#13	(MH "Clinical Trial") OR (MH "Controlled Clinical Trial") OR (MH "Randomized
	Controlled Trial") OR (MH "Controlled Clinical Trials as Topic") OR (MH "Random
	Allocation") OR (MH "Double-Blind Method") OR (MH "Single-Blind Method")
#14	TI ("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical
	trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait
	list*" OR "waiting list*") OR AB ("randomized controlled trial*" OR "RCT" OR

	"random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR
	"triple blind*" OR "waitlist*" OR "wait list*" OR "waiting list*")
#15	#13 OR #14
#16	#3 AND #6 AND #9 AND #12 AND #15

PsycINFO

No.	Search strategies
#1	(MA "Child") OR (MA "Pediatrics") OR (MA "Adolescent") OR (MA "Infant") OR (MA
	"Minors")
#2	TI ("child*" OR "kid*" OR "boy*" OR "girl*" OR "preschool*" OR "schoolchild" OR "pediatric*" OR "paediatric*" OR "adolescen*" OR "teen*" OR "preteen*" OR "youth*" OR "juvenil*" OR "young" OR "puber" OR "pubescen*" OR "underage*" OR "underage*" OR "infan*" OR "neonat*" OR "neo-nat*" OR "newborn*" OR "new-born*" OR "baby" OR "babies" OR "toddler*" OR "minor*" OR "offspring*" OR "young people") OR "AB (child*" OR "kid*" OR "boy*" OR "girl*" OR "preschool*" OR "schoolchild" OR "pediatric*" OR "paediatric*" OR "adolescen*" OR "teen*" OR "preteen*" OR "youth*" OR "juvenil*" OR "young" OR "puber" OR "pubescen*" OR "underage*" OR "under-age*" OR "infan*" OR "neonat*" OR "neo-nat*" OR "newborn*" OR "newborn*" OR "baby" OR "babies" OR "toddler*" OR "minor*" OR "offspring*" OR "young people")
#3	#1 OR #2
#4	(MA "Chronic Disease") OR (MA "Anemia") OR (MA "Arthritis") OR (MA "Asthma") OR (MA "Attention Deficit Disorder with Hyperactivity") OR (MA "Autism Spectrum Disorder") OR (MA "Asperger Syndrome") OR (MA "Autistic Disorder") OR (MA "Vision Disorders") OR (MA "Brain Injuries") OR (MA "Bronchitis") OR (MA "Cerebral Palsy") OR (MA "Congenital Abnormalities") OR (MA "Cystic Fibrosis") OR (MA "Developmental Disabilities") OR (MA "Diabetes Mellitus") OR (MA "Down Syndrome") OR (MA "Epilepsy") OR (MA "Genetic Diseases, Inborn") OR (MA "Heart Defects, Congenital") OR (MA "Heart Diseases") OR (MA "Hematologic Diseases") OR (MA "Anemia, Sickle Cell") OR (MA "Hemophilia A") OR (MA "HIV") OR (MA "Intellectual Disability") OR (MA "Kidney Diseases") OR (MA "Mental Disorders") OR (MA "Musculoskeletal Diseases") OR (MA "Neoplasms") OR (MA "Schizophrenia") OR (MA "Spinal Dysraphism") OR (MA "Thalassemia") OR (MA "Trisomy")
#5	TI ("chronic disease*" OR "chronic ill*" OR "chronically ill*" OR "chronic disorder*" OR "chronic health" OR "chronic condition*" OR "anemia*" OR "arthriti*" OR "osteoarthriti*" OR "polyarthriti*" OR "asthma*" OR "ADHD" OR "attention deficit disorder*" OR "autism" OR "autistic" OR "asperger disease*" OR "asperger disorders" OR "asperger syndrome" OR "kanner* syndrome" OR "ASD" OR "blindness" OR "amaurosis" OR "vision loss*" OR "loss of vision" OR "vision disorder*" OR "visual* impair*" OR "brain injur*" OR "brain laceration*" OR "TBI" OR

"TBIS" OR "bronchiti*" OR "cerebral pals*" OR "little* disease" OR "spastic diplegia*" OR "birth defect*" OR "congenital abnormalit*" OR "congenital anomalies" OR "congenital defect*" OR "deformit*" OR "cystic fibrosis" OR "fibrocystic disease of pancreas" OR "mucoviscidosis" OR "pancreas fibrocystic disease*" OR "development* deviation*" OR "development* disab*" OR "development* disorder*" OR "developmental delay disorder*" OR "diabetes" OR "down* syndrome" OR "mongolism" OR "trisomy 21" OR "trisomy g" OR "epilep*" OR "seizure disorder*" OR "genetic disease*" OR "genetic disorder*" OR "hereditary disease*" OR "single gene defects" OR "cardiac disease*" OR "cardiac disorder*" OR "heart disease*" OR "heart disorder*" OR "heart defect*" OR "heart abnormalit*" OR "heart malform*" OR "blood disease*" OR "blood disorder*" OR "haematologic* disease*" OR "hematologic* disease*" OR "haematologic* disorder*" OR "hematologic* disorder*" OR "sickle cell anemia*" OR "sickle cell disease*" OR "sickle cell disorder*" OR "hbs disease" OR "hemoglobin s disease" OR "haemophilia*" OR "hemophilia*" OR "factor viii deficien*" OR "factor 8 deficien*" OR "aids virus*" OR "acquired immune deficiency syndrome virus*" OR "AIDS virus*" OR "hiv" OR "htlv-iii" OR "HIV*" OR "human t cell leukemia virus type iii" OR "human t cell lymphotropic virus type iii" OR "human t lymphotropic virus type iii" OR "lav-htlv-iii" OR "lymphadenopathy associated virus*" OR "intellectual development disorder*" OR "intellectual disabilit*" OR "mental deficienc*" OR "mental retardation" OR "kidney disease*" OR "kidney disorder*" OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR "mental* ill*" OR "psychiatric disease*" OR "psychiatric disorder*" OR "psychiatric illness*" OR "musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*" OR "MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR "malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*") OR AB ("chronic disease*" OR "chronic ill*" OR "chronically ill*" OR "chronic disorder*" OR "chronic health" OR "chronic condition*" OR "anemia*" OR "arthriti*" OR "osteoarthriti*" OR "polyarthriti*" OR "asthma*" OR "ADHD" OR "attention deficit disorder*" OR "autism" OR "autistic" OR "asperger disease*" OR "asperger disorders" OR "asperger syndrome" OR "kanner* syndrome" OR "ASD" OR "blindness" OR "amaurosis" OR "vision loss*" OR "loss of vision" OR "vision disorder*" OR "visual* impair*" OR "brain injur*" OR "brain laceration*" OR "TBI" OR "TBIS" OR "bronchiti*" OR "cerebral pals*" OR "little* disease" OR "spastic diplegia*" OR "birth defect*" OR "congenital abnormalit*" OR "congenital anomalies" OR "congenital defect*" OR "deformit*" OR "cystic fibrosis" OR "fibrocystic disease of pancreas" OR "mucoviscidosis" OR "pancreas fibrocystic disease*" OR "development* deviation*" OR "development* disab*" OR "development* disorder*" OR "developmental delay disorder*" OR "diabetes" OR "down* syndrome" OR "mongolism" OR "trisomy 21" OR "trisomy g" OR "epilep*" OR "seizure disorder*" OR "genetic disease*" OR "genetic disorder*" OR "hereditary disease*" OR "single gene defects" OR "cardiac disease*" OR "cardiac disorder*" OR "heart disease*" OR "heart disorder*" OR

	"heart defect*" OR "heart abnormalit*" OR "heart malform*" OR "blood disease*" OR "blood disorder*" OR "haematologic* disease*" OR "hematologic* disease*" OR "haematologic* disorder*" OR "sickle cell anemia*" OR "sickle cell disease*" OR "sickle cell disease*" OR "sickle cell disease*" OR "hemoglobin s disease" OR "haemophilia*" OR "hemophilia*" OR "factor viii deficien*" OR "factor 8 deficien*" OR "aids virus*" OR "acquired immune deficiency syndrome virus*" OR "AIDS virus*" OR "hiv" OR "htlv-iii" OR "HIV*" OR "human t cell leukemia virus type iii" OR "human t cell lymphotropic virus type iii" OR "human t cell lymphotropic virus type iii" OR "lav-htlv-iii" OR "lymphadenopathy associated virus*" OR "intellectual development disorder*" OR "intellectual disabilit*" OR "mental deficienc*" OR "mental retardation" OR "kidney disease*" OR "kidney disorder*" OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR "mental* ill*" OR "psychiatric disease*" OR "psychiatric disease*" OR "musculoskeletal disorder*" OR "mental* ill*" OR "musculoskeletal disease*" OR "musculoskeletal disorder*" OR "mental* or "Cancer*" OR "musculoskeletal disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumor*" OR "or "orthopedic disease*" OR "carcinoma*" OR "malignan*" OR "leukemia*" OR "leukemia*" OR "lymphoma*" OR "carcinoma*" OR "malignan*" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "schizophreni*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*")
#6	#4 OR #5
#7	(MA "Parents") OR (MA "Caregivers") OR (MA "Mothers") OR (MA "Fathers") OR
#1	(MA "Family")
#8	TI ("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR
	"maternal*" OR "paternal*") OR AB ("parent*" OR "caregiver*" OR "carer*" OR
	"mother*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*")
#9	#7 OR #8
#10	(MA "Problem Solving")
#11	TI ("problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR "problem solving intervention*" OR "problem-solving intervention*" OR "problem solving train*" OR "problem-solving train*" OR "problem-solving program*" OR "problem-solving program*" OR "problem-solving treatment" OR "problem-solving treatment" OR "problem-solving treatment" OR "problem-solving workshop" OR "problem-solving workshop" OR "problem-solving education" OR "problem-solving approach" OR "problem-solving skills train*" OR "problem-solving skills train*" OR "problem-solving skills train*" OR "problem-solving therap*" OR "problem-solving intervention*" OR "problem-solving intervention*" OR "problem-solving train*" OR "problem-solving train*" OR "problem-solving treatment" OR "problem-solving approach" OR "problem-solving workshop" OR "problem-solving workshop" OR "problem-solving approach" OR "problem-solving approach" OR "problem-solving approach" OR "problem-solving skills train*" OR "problem-solving skills
#12	#10 OR #11

#13	(MA "Clinical Trial") OR (MA "Controlled Clinical Trial") OR (MA "Randomized
	Controlled Trial") OR (MA "Controlled Clinical Trials as Topic") OR (MA "Random
	Allocation") OR (MA "Double-Blind Method") OR (MA "Single-Blind Method")
#14	TI ("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical
	trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait
	list*" OR "waiting list*") OR AB ("randomized controlled trial*" OR "RCT" OR
	"random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR
	"triple blind*" OR "waitlist*" OR "wait list*" OR "waiting list*")
#15	#13 OR #14
#16	#3 AND #6 AND #9 AND #12 AND #15

Web of Science

No.	Search strategies
#1	TS=("child*" OR "kid*" OR "boy*" OR "girl*" OR "preschool*" OR "schoolchild" OR
	"pediatric*" OR "paediatric*" OR "adolescen*" OR "teen*" OR "preteen*" OR
	"youth*" OR "juvenil*" OR "young" OR "puber" OR "pubescen*" OR "underage*"
	OR "under-age*" OR "infan*" OR "neonat*" OR "neo-nat*" OR "newborn*" OR
	"new-born*" OR "baby" OR "babies" OR "toddler*" OR "minor*" OR "offspring*"
	OR "young people")
#2	TS=("chronic disease*" OR "chronic ill*" OR "chronically ill*" OR "chronic
	disorder*" OR "chronic health" OR "chronic condition*" OR "anemia*" OR "arthriti*"
	OR "osteoarthriti*" OR "polyarthriti*" OR "asthma*" OR "ADHD" OR "attention
	deficit disorder*" OR "autism" OR "autistic" OR "asperger disease*" OR "asperger
	disorders" OR "asperger syndrome" OR "kanner* syndrome" OR "ASD" OR
	"blindness" OR "amaurosis" OR "vision loss*" OR "loss of vision" OR "vision
	disorder*" OR "visual* impair*" OR "brain injur*" OR "brain laceration*" OR "TBI"
	OR "TBIS" OR "bronchiti*" OR "cerebral pals*" OR "little* disease" OR "spastic
	diplegia*" OR "birth defect*" OR "congenital abnormalit*" OR "congenital
	anomalies" OR "congenital defect*" OR "deformit*" OR "cystic fibrosis" OR
	"fibrocystic disease of pancreas" OR "mucoviscidosis" OR "pancreas fibrocystic
	disease*" OR "development* deviation*" OR "development* disab*" OR
	"development* disorder*" OR "developmental delay disorder*" OR "diabetes" OR
	"down* syndrome" OR "mongolism" OR "trisomy 21" OR "trisomy g" OR "epilep*"
	OR "seizure disorder*" OR "genetic disease*" OR "genetic disorder*" OR
	"hereditary disease*" OR "single gene defects" OR "cardiac disease*" OR "cardiac
	disorder*" OR "heart disease*" OR "heart disorder*" OR "heart defect*" OR "heart
	abnormalit*" OR "heart malform*" OR "blood disease*" OR "blood disorder*" OR
	"haematologic* disease*" OR "hematologic* disease*" OR "haematologic*
	disorder*" OR "hematologic* disorder*" OR "sickle cell anemia*" OR "sickle cell
	disease*" OR "sickle cell disorder*" OR "hbs disease" OR "hemoglobin s disease"
	OR "haemophilia*" OR "hemophilia*" OR "factor viii deficien*" OR "factor 8

deficien*" OR "aids virus*" OR "acquired immune deficiency syndrome virus*" OR "AIDS virus*" OR "hiv" OR "httv-iii" OR "HIV*" OR "human t cell leukemia virus type iii" OR "human t cell lymphotropic virus type iii" OR "human t lymphotropic virus type iii" OR "lav-httv-iii" OR "lymphadenopathy associated virus*" OR "intellectual development disorder*" OR "intellectual disabilit*" OR "mental deficienc*" OR "mental retardation" OR "kidney disease*" OR "kidney disorder*" OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR "psychiatric disease*" OR "psychiatric disease*" OR "musculoskeletal disorder*" OR "psychiatric illness*" OR "musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*" OR "MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR "malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*") #3 TS=("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "famil*" OR "maternal*" OR "paternal*") #4 TS=("problem solving" OR "problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR "problem-solving intervention*" OR "problem-solving intervention*" OR "problem-solving train*" OR "problem-solving workshop" OR "problem-solving program*" OR "problem-solving approach" OR "problem-solving workshop" OR "problem-solving skills train*" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "problem-solving "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "saingle blind*" OR "double blind*" OR "triple blind*" OR "trial" OR "clinical trial*" OR "waitting list*")		
type iii" OR "human t cell lymphotropic virus type iii" OR "human t lymphotropic virus type iii" OR "lav-htlv-iii" OR "lymphadenopathy associated virus" OR "intellectual development disorder*" OR "intellectual disabilit*" OR "mental deficienc*" OR "mental retardation" OR "kidney disease*" OR "kidney disorder*" OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR "mental* ill*" OR "psychiatric disease*" OR "psychiatric disorder*" OR "psychiatric disease*" OR "musculoskeletal disorder*" OR "psychiatric disorder*" OR "MSK*" OR "MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumour*" OR "orthopedic disease*" OR "neoplasm*" OR "malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*") #3 #4 #4 #5 #5 #5 #6 #6 #7 #5 #6 #7 #5 #6 #7 #6 #7 #6 #7 #7 #7 #8 #8 #8 #8 #8 #8 #8		deficien*" OR "aids virus*" OR "acquired immune deficiency syndrome virus*" OR
virus type iii" OR "lav-htlv-iii" OR "lymphadenopathy associated virus*" OR "intellectual development disorder*" OR "intellectual disabilit*" OR "mental deficienc*" OR "mental retardation" OR "kidney disease*" OR "kidney disorder*" OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR "mental* ill*" OR "psychiatric disease*" OR "psychiatric disorder*" OR "psychiatric illness*" OR "musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*" OR "MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR "malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "framil*" OR "maternal*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*") #44 TS=("problem solving" OR "problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR "problem-solving program*" OR "problem-solving intervention*" OR "problem solving treatment" OR "problem solving workshop" OR "problem-solving workshop" OR "problem solving education" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*" OR "waiting list*")		"AIDS virus*" OR "hiv" OR "htlv-iii" OR "HIV*" OR "human t cell leukemia virus
"intellectual development disorder*" OR "intellectual disabilit*" OR "mental deficienc*" OR "mental retardation" OR "kidney disease*" OR "kidney disorder*" OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR "mental* ill*" OR "psychiatric disease*" OR "psychiatric disorder*" OR "psychiatric illness*" OR "musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*" OR "MSC*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumour*" OR "orthopedic disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*") #3 TS=("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR "maternal*" OR "problem-solving" OR "problem-solving therap*" OR "problem-solving treatment" OR "problem-solving train*" OR "problem-solving treatment" OR "problem-solving treatment" OR "problem-solving treatment" OR "problem-solving deducation" OR "problem-solving education" OR "problem-solving approach" OR "single blind*" OR "double blind*" OR "triple blind*" O		type iii" OR "human t cell lymphotropic virus type iii" OR "human t lymphotropic
deficienc*" OR "mental retardation" OR "kidney disease*" OR "kidney disorder*" OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR "mental* ill*" OR "psychiatric disease*" OR "psychiatric disorder*" OR "psychiatric illness*" OR "musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*" OR "MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR "malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*") #3 TS=("parent*" OR "paternal*") #4 TS=("problem solving" OR "problem-solving" OR "problem-solving therap*" OR "problem-solving therap*" OR "problem-solving program*" OR "problem-solving intervention*" OR "problem-solving train*" OR "problem-solving treatment" OR "problem-solving treatment" OR "problem-solving deducation" OR "problem-solving education" OR "problem-solving approach" OR "problem-solving approach" OR "problem-solving skills train*" OR "problem-solving skills train*" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "waitlist*" OR "wait list*" OR "saiting list*")		virus type iii" OR "lav-htlv-iii" OR "lymphadenopathy associated virus*" OR
OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR "mental* ill*" OR "psychiatric disease*" OR "psychiatric disorder*" OR "psychiatric illness*" OR "musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*" OR "MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR "malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*") #3 TS=("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*") #4 TS=("problem solving" OR "problem-solving intervention*" OR "problem-solving intervention*" OR "problem solving train*" OR "problem-solving train*" OR "problem solving program*" OR "problem-solving program*" OR "problem solving treatment" OR "problem-solving treatment" OR "problem-solving approach" OR "problem-solving workshop" OR "problem solving education" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "waitlist*" OR "wait list*" OR "waiting list*")		"intellectual development disorder*" OR "intellectual disabilit*" OR "mental
OR "psychiatric disease*" OR "psychiatric disorder*" OR "psychiatric illness*" OR "musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*" OR "MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR "malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*") #3 TS=("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*") #4 TS=("problem solving" OR "problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR "problem solving intervention*" OR "problem-solving intervention*" OR "problem solving train*" OR "problem-solving train*" OR "problem-solving program*" OR "problem-solving program*" OR "problem solving treatment" OR "problem-solving treatment" OR "problem solving workshop" OR "problem-solving workshop" OR "problem solving education" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "waitlist*" OR "waitlist*" OR "wait list*" OR "waiting list*")		deficienc*" OR "mental retardation" OR "kidney disease*" OR "kidney disorder*"
"musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*" OR "MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR "malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*") #3 TS=("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*") #4 TS=("problem solving" OR "problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR "problem solving intervention*" OR "problem-solving intervention*" OR "problem solving train*" OR "problem-solving treatment" OR "problem solving workshop" OR "problem-solving workshop" OR "problem-solving education" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "PST" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*" OR "waiting list*")		OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR "mental* ill*"
"MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR "malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*") #3 TS=("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*") #4 TS=("problem solving" OR "problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR "problem solving intervention*" OR "problem-solving intervention*" OR "problem solving train*" OR "problem-solving train*" OR "problem solving program*" OR "problem-solving program*" OR "problem solving treatment" OR "problem-solving treatment" OR "problem solving workshop" OR "problem-solving workshop" OR "problem solving education" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "PST" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "waitlist*" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*" OR "waiting list*")		OR "psychiatric disease*" OR "psychiatric disorder*" OR "psychiatric illness*" OR
"cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR "malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*") #3 TS=("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*") #4 TS=("problem solving" OR "problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR "problem solving intervention*" OR "problem-solving intervention*" OR "problem solving train*" OR "problem-solving train*" OR "problem solving program*" OR "problem-solving program*" OR "problem solving treatment" OR "problem-solving treatment" OR "problem solving workshop" OR "problem-solving workshop" OR "problem solving education" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "PST" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*" OR "waiting list*")		"musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*" OR
"malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*") #3		"MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*" OR
praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*") #3		"cancer*" OR "tumor*" OR "tumour*" OR "oncolog*" OR "carcinoma*" OR
spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*") #3		"malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia
dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*") #3 TS=("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*") #4 TS=("problem solving" OR "problem-solving" OR "problem solving therap*" OR		praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "open
TS=("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*") #4 TS=("problem solving" OR "problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR "problem solving intervention*" OR "problem-solving intervention*" OR "problem solving train*" OR "problem-solving train*" OR "problem solving program*" OR "problem-solving program*" OR "problem solving treatment" OR "problem-solving treatment" OR "problem solving workshop" OR "problem-solving workshop" OR "problem solving education" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*" OR "waiting list*")		spine*" OR "rachischis*" OR "schistorrhach*" OR "spinal dysraphi*" OR "status
OR "maternal*" OR "paternal*") #4 TS=("problem solving" OR "problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR "problem-solving intervention*" OR "problem-solving intervention*" OR "problem solving train*" OR "problem-solving train*" OR "problem solving program*" OR "problem-solving program*" OR "problem solving treatment" OR "problem-solving treatment" OR "problem-solving workshop" OR "problem-solving workshop" OR "problem-solving education" OR "problem-solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "PST" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "waitlist*" OR "waitlist*")		dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*")
#4 TS=("problem solving" OR "problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR "problem solving intervention*" OR "problem-solving intervention*" OR "problem solving train*" OR "problem-solving train*" OR "problem solving program*" OR "problem-solving program*" OR "problem solving treatment" OR "problem-solving treatment" OR "problem solving workshop" OR "problem-solving workshop" OR "problem solving education" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "PST" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*" OR "waiting list*")	#3	TS=("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*"
"problem-solving therap*" OR "problem solving intervention*" OR "problem-solving intervention*" OR "problem solving train*" OR "problem-solving train*" OR "problem solving program*" OR "problem solving program*" OR "problem solving workshop" OR "problem-solving workshop" OR "problem-solving workshop" OR "problem-solving education" OR "problem-solving approach" OR "problem-solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "PST" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "waitlist*" OR "waitlist*")		OR "maternal*" OR "paternal*")
intervention*" OR "problem solving train*" OR "problem-solving train*" OR "problem solving program*" OR "problem-solving program*" OR "problem solving treatment" OR "problem-solving treatment" OR "problem solving workshop" OR "problem-solving workshop" OR "problem solving education" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "PST" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*" OR "waiting list*")	#4	TS=("problem solving" OR "problem-solving" OR "problem solving therap*" OR
"problem solving program*" OR "problem-solving program*" OR "problem solving treatment" OR "problem-solving treatment" OR "problem solving workshop" OR "problem-solving workshop" OR "problem solving education" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "PST" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "waitlist*" OR "waitlist*")		"problem-solving therap*" OR "problem solving intervention*" OR "problem-solving
treatment" OR "problem-solving treatment" OR "problem solving workshop" OR "problem-solving workshop" OR "problem solving education" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "PST" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*" OR "waiting list*")		intervention*" OR "problem solving train*" OR "problem-solving train*" OR
"problem-solving workshop" OR "problem solving education" OR "problem-solving education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "PST" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "waitlist*")		"problem solving program*" OR "problem-solving program*" OR "problem solving
education" OR "problem solving approach" OR "problem-solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "PST" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*" OR "waiting list*")		treatment" OR "problem-solving treatment" OR "problem solving workshop" OR
"problem solving skills train*" OR "problem-solving skills train*" OR "PST" OR "PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*" OR "waiting list*")		"problem-solving workshop" OR "problem solving education" OR "problem-solving
"PSST") #5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*" OR "waiting list*")		education" OR "problem solving approach" OR "problem-solving approach" OR
#5 TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "waitlist*" OR "waitlist*")		"problem solving skills train*" OR "problem-solving skills train*" OR "PST" OR
trial* OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "waitlist*" OR "waitlist*")		"PSST")
"wait list*" OR "waiting list*")	#5	TS=("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical
		trial*" OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR
#6 #1 AND #2 AND #3 AND #4 AND #5		"wait list*" OR "waiting list*")
	#6	#1 AND #2 AND #3 AND #4 AND #5

Cochrane Library

No.	Search strategies								
#1	(MeSH descriptor: [Child] explode all trees) OR (MeSH descriptor: [Pediatrics]								
	explode all trees) OR (MeSH descriptor: [Adolescent] explode all trees) OR (MeSH								
	descriptor: [Infant] explode all trees) OR (MeSH descriptor: [Minors] explode all								
	trees)								
#2	("child*" OR "kid*" OR "preschool*" OR "pediatric*" OR "paediatric*" OR								
	"adolescen*" OR "teen*" OR "youth*" OR "juvenil*" OR "young" OR "puber" OR								
	"pubescen*" OR "underage*" OR "under-age*" OR "infan*" OR "neonat*" OR "neo-								

nat*" OR "newborn*" OR "new-born*" OR "baby" OR "babies" OR "toddler*" OR "minor*" OR "offspring*" OR "young people").ti,ab,kw #3 #1 OR #2 #4 (MeSH descriptor: [Chronic Disease] explode all trees) OR (MeSH descriptor: [Anemia] explode all trees) OR (MeSH descriptor: [Arthritis] explode all trees) OR (MeSH descriptor: [Asthma] explode all trees) OR (MeSH descriptor: [Attention Deficit Disorder with Hyperactivity] explode all trees) OR (MeSH descriptor: [Autism Spectrum Disorder] explode all trees) OR (MeSH descriptor: [Asperger Syndrome] explode all trees) OR (MeSH descriptor: [Autistic Disorder] explode all trees) OR (MeSH descriptor: [Vision Disorders] explode all trees) OR (MeSH descriptor: [Brain Injuries] explode all trees) OR (MeSH descriptor: [Bronchitis] explode all trees) OR (MeSH descriptor: [Cerebral Palsy] explode all trees) OR (MeSH descriptor: [Congenital Abnormalities] explode all trees) OR (MeSH descriptor: [Cystic Fibrosis] explode all trees) OR (MeSH descriptor: [Developmental Disabilities] explode all trees) OR (MeSH descriptor: [Diabetes Mellitus] explode all trees) OR (MeSH descriptor: [Down Syndrome] explode all trees) OR (MeSH descriptor: [Epilepsy] explode all trees) OR (MeSH descriptor: [Genetic Diseases, Inborn] explode all trees) OR (MeSH descriptor: [Heart Defects, Congenital] explode all trees) OR (MeSH descriptor: [Heart Diseases] explode all trees) OR (MeSH descriptor: [Hematologic Diseases] explode all trees) OR (MeSH descriptor: [Anemia, Sickle Cell] explode all trees) OR (MeSH descriptor: [Hemophilia A] explode all trees) OR (MeSH descriptor: [HIV] explode all trees) OR (MeSH descriptor: [Intellectual Disability] explode all trees) OR (MeSH descriptor: [Kidney Diseases] explode all trees) OR (MeSH descriptor: [Mental Disorders] explode all trees) OR (MeSH descriptor: [Musculoskeletal Diseases] explode all trees) OR (MeSH descriptor: [Neoplasms] explode all trees) OR (MeSH descriptor: [Schizophrenia] explode all trees) OR (MeSH descriptor: [Spinal Dysraphism] explode all trees) OR (MeSH descriptor: [Thalassemia] explode all trees) OR (MeSH descriptor: [Trisomy] explode all trees) #5 ("chronic disease*" OR "chronic ill*" OR "chronically ill*" OR "chronic disorder*" OR "chronic health" OR "chronic condition*" OR "anemia*" OR "arthriti*" OR "osteoarthriti*" OR "polyarthriti*" OR "asthma*" OR "ADHD" OR "attention deficit disorder*" OR "autism" OR "autistic" OR "asperger disease*" OR "asperger disorders" OR "asperger syndrome" OR "kanner* syndrome" OR "ASD" OR "blindness" OR "amaurosis" OR "vision loss*" OR "loss of vision" OR "vision disorder*" OR "visual* impair*" OR "brain injur*" OR "brain laceration*" OR "TBI" OR "TBIS" OR "bronchiti*" OR "cerebral pals*" OR "little* disease" OR "spastic diplegia*" OR "birth defect*" OR "congenital abnormalit*" OR "congenital anomalies" OR "congenital defect*" OR "deformit*" OR "cystic fibrosis" OR "fibrocystic disease of pancreas" OR "mucoviscidosis" OR "pancreas fibrocystic disease*" OR "development* deviation*" OR "development* disab*" OR "development* disorder*" OR "developmental delay disorder*" OR "diabetes" OR "down* syndrome" OR "mongolism" OR "trisomy 21" OR "trisomy g" OR "epilep*" OR "seizure disorder*" OR "genetic disease*" OR "genetic disorder*" OR "hereditary disease*" OR "single gene defects" OR "cardiac disease*" OR "cardiac

#6	disorder*" OR "heart disease*" OR "heart disorder*" OR "heart defect*" OR "heart abnormalit*" OR "heart malform*" OR "blood disease*" OR "blood disorder*" OR "haematologic* disease*" OR "hematologic* disorder*" OR "haematologic* disorder*" OR "hematologic* disorder*" OR "sickle cell disorder*" OR "sickle cell disorder*" OR "sickle cell disease*" OR "sickle cell disorder*" OR "haemophilia*" OR "hemophilia*" OR "factor viii deficien*" OR "factor 8 deficien*" OR "aids virus*" OR "acquired immune deficiency syndrome virus*" OR "AIDS virus*" OR "hiv" OR "htlv-iii" OR "HIV*" OR "human t cell leukemia virus type iii" OR "human t cell lymphotropic virus type iii" OR "human t cell lymphotropic virus type iii" OR "human t cell lymphotropic virus type iii" OR "human t or "intellectual development disorder*" OR "intellectual disabilit*" OR "mental deficienc*" OR "mental retardation" OR "kidney disease*" OR "kidney disorder*" OR "renal disease*" OR "renal disorder*" OR "mental disorder*" OR "mental disorder*" OR "musculoskeletal disease*" OR "psychiatric disease*" OR "musculoskeletal disease*" OR "musculoskeletal disorder*" OR "MSK*" OR "MSD*" OR "orthopedic disorder*" OR "orthopedic disease*" OR "neoplasm*" OR "cancer*" OR "tumor*" OR "tumour*" OR "orthopedic disease*" OR "carcinoma*" OR "malignan*" OR "leukemia*" OR "leukaemia*" OR "lymphoma*" OR "dementia praecox" OR "schizophreni*" OR "spina bifida*" OR "cleft spine*" OR "status dysraphicus" OR "thalassemia*" OR "chromosomal triplication*" OR "trisom*").ti,ab,kw
#6	#4 OR #5
#7	(MeSH descriptor: [Parents] explode all trees) OR (MeSH descriptor: [Caregivers] explode all trees) OR (MeSH descriptor: [Mothers] explode all trees) OR (MeSH descriptor: [Fathers] explode all trees) OR (MeSH descriptor: [Family] explode all trees)
#8	("parent*" OR "caregiver*" OR "carer*" OR "mother*" OR "father*" OR "famil*" OR "maternal*" OR "paternal*").ti,ab,kw
#9	#7 OR #8
#10	(MeSH descriptor: [Problem Solving] explode all trees)
#11	("problem-solving" OR "problem solving therap*" OR "problem-solving therap*" OR "problem solving intervention*" OR "problem-solving intervention*" OR "problem solving train*" OR "problem solving program*" OR "problem-solving program*" OR "problem-solving treatment" OR "problem-solving treatment" OR "problem solving workshop" OR "problem-solving workshop" OR "problem solving education" OR "problem-solving education" OR "problem solving approach" OR "problem solving skills train*" OR "problem-solving skills train*" OR "problem-solving skills train*" OR "problem-solving skills train*" OR "PSST").ti,ab,kw
#12	#10 OR #11
#13	(MeSH descriptor: [Clinical Trial] explode all trees) OR (MeSH descriptor: [Controlled Clinical Trial] explode all trees) OR (MeSH descriptor: [Randomized Controlled Trial] explode all trees) OR (MeSH descriptor: [Controlled Clinical Trials as Topic] explode all trees) OR (MeSH descriptor: [Random Allocation] explode all trees)

#14	("randomized controlled trial*" OR "RCT" OR "random*" OR "trial" OR "clinical trial*"
	OR "single blind*" OR "double blind*" OR "triple blind*" OR "waitlist*" OR "wait list*"
	OR "waiting list*").ti,ab,kw
#15	#13 OR #14
#16	#3 AND #6 AND #9 AND #12 AND #15

Chinese Databases

Search date: 30/04/2023

Number of results: CNKI (14), VIP (118), and Wanfang (41)

Database	Search strategies
China National Knowledge Infrastructure (CNKI)	SU=(儿童 + 孩子 + 小孩 + 患儿 + 小儿 + 未成年人 + 婴儿 + 幼儿 + 青少年) AND SU=(慢性病 + 慢病 + 癌症 + 肿瘤 + 癌 + 瘤 + 白血病 + 血液病 + 贫血 + 关节炎 + 哮喘 + 糖尿病 + 自闭症 + 注意力缺陷 + 多动症 + 脑损伤 + 肾病 + 脑瘫 + 癫痫 + 心脏病 + 镰状细胞病 + 发育障碍 + 发育迟缓 + 唐氏综合征 + 艾滋病 + HIV + AIDS) AND SU=(父母 + 父亲 + 母亲 + 爸爸 + 妈妈 + 家属 + 亲属 + 照护者 + 照顾者) AND SU=(问题解决疗法 + 问题解决干预 + 问题解决培训 + 问题解决按:问题解决培训 + 问题解决按:
China Science and Technology Journal Database (VIP)	"U=(儿童 + 孩子 + 小孩 + 患儿 + 小儿 + 未成年人 + 婴儿 + 幼儿 + 青少年) AND U=(慢性病 + 慢病 + 癌症 + 肿瘤 + 癌 + 瘤 + 白血病 + 血液病 + 贫血 + 关节炎 + 哮喘 + 糖尿病 + 自闭症 + 注意力缺陷 + 多动症 + 脑损伤 + 肾病 + 脑瘫 + 癫痫 + 心脏病 + 镰状细胞病 + 发育障碍 + 发育迟缓 + 唐氏综合征 + 艾滋病 + HIV + AIDS) AND U=(父母 + 父亲 + 母亲 + 爸爸 + 妈妈 + 家属 + 亲属 + 照护者 + 照顾者) AND U=(问题解决疗法 + 问题解决干预 + 问题解决培训 + 问题解决技能培训 + 问题解决的力 + 问题解决应对 + 问题解决)",模糊匹配
Wanfang	主题=(儿童 OR 孩子 OR 小孩 OR 患儿 OR 小儿 OR 未成年人 OR 婴儿 OR 幼儿 OR 青少年) AND 主题=(慢性病 OR 慢病 OR 癌症 OR 肿瘤 OR 癌 OR 自由病 OR 血液病 OR 贫血 OR 关节炎 OR 哮喘 OR 糖尿病 OR 自闭症 OR 注意力缺陷 OR 多动症 OR 脑损伤 OR 肾病 OR 脑瘫 OR 癫痫 OR 心脏病 OR 镰状细胞病 OR 发育障碍 OR 发育迟缓 OR 唐氏综合征 OR 艾滋病 OR HIV OR AIDS) AND 主题=(父母 OR 父亲 OR 母亲 OR 爸爸 OR 妈妈 OR 家属 OR 亲属 OR 照护者 OR 照顾者) AND 主题=(问题解决疗法 OR 问题解决干预 OR 问题解决培训 OR 问题解决技能培训 OR 问题解决能力 OR 问题解决应对 OR 问题解决)

eTable 2. Intervention Characteristics of Included Studies

Study	Intervention	Intervention Description	Intervention approach, mode of delivery,				
ID	Name		duration of delivery, and providers				
Askins	"Bright	Bright represents the sense of optimism (positive orientation) necessary for	Online (personal digital assistant),				
et al,	IDEAS"	successful problem-solving. The letters in "IDEAS" signify the five major steps of	individual intervention, 8 × 1-h sessions = 8				
2009	PSST	problem-solving. To promote engagement, the specific problems discussed during	h over 8 weeks delivered by therapists who				
		the PSST intervention were identified by the individual mother as particularly	had graduate training in psychology.				
		relevant to her and her family's situation.					
Asnani	"Bright	The stages of the training are: identification of the problem/s; generating possible	F2F (in a private room), multi-family group				
et al,	IDEAS"	solutions; evaluating the options; implementing the preferred solution; and	intervention, 6 × 45-min sessions = 4.5 h				
2021	PSST	evaluating to see if the solutions were successful. The mothers were taught a	over 6 months delivered by sickle cell unit				
		process of problem-solving with reference to problems they identified themselves,	clinic nurses.				
		both general everyday problems as well as specific problems which arose while					
		parenting a child with sickle cell disease.					
Daniel et	Families	The manualized intervention was developed for the current study based on PST.	F2F (at the hospital) + online (telephone),				
al, 2015	Taking	The workshop was divided into four sessions: introduction; applying problem-	multi-family group intervention, 1-day				
	Control	solving to school challenges; review session and solution generation; goal setting.	workshop (7 h) + 3 × 30-min booster phone				
		Following the intervention, the family had approximately three booster phone call	calls = 9.5 h over 6 months delivered by				
		sessions to provide support in implementing the problem-solving model by refining	doctoral and master's students and peer				
		goals and trouble-shooting barriers.	patient navigators.				
DaWalt	Transitioning	Parent intervention group sessions involved education on a variety of topics	F2F (at the hospital or the clinic), multi-				
et al,	Together	relevant to autism spectrum disorder as well as guided practice in problem-solving.	family group intervention, 2 × 1-h joining				
2018		The adolescent social group involved learning activities and games on topics such	sessions + 8 × 1.5-h group sessions = 14 h				
		as sharing interests, goal setting, problem-solving, and social planning. For both	over 8 weeks delivered by PhD-level				
		parents and teens, positivity and problem-solving were explicitly modeled and	psychologists and graduate students.				
		emphasized across all sessions.					

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eTable 2. Intervention Characteristics of Included Studies (Continued)

Study ID	Intervention	Intervention Description	Intervention approach, mode of delivery,
	Name		duration of delivery, and providers
Feinberg et al,	Problem-	A manualized cognitive behavioral intervention adapted from PST. During	F2F (at home or other location of the
2014	solving	each workbook-based problem-solving education session, mothers work	mother's choosing), individual intervention, 6
	Education	one-on-one with a trained interventionist to identify a single, measurable	sessions (30-45 mins) = 3-4.5 h over 8
		problem and then proceed through a series of steps that involve goal	weeks delivered by existing multidisciplinary
		setting, brainstorming, and evaluating solutions, choosing a solution, and	staff who work with families of young children
		action planning.	with ASD.
Gerkensmeyer	Building Our	The "Building Our Solutions and Connections" intervention is a cognitive-	F2F (at the hospital) + online (telephone),
et al, 2013	Solutions	behavioral PST. During each session, participants learned to enact 7	individual intervention, 1-h beginning session
	and	prescribed steps that guided their problem-solving: (1) evaluating	+ 8 × 30-min telephone sessions = 5 h over 8
	Connections	outcomes from the previous week (except for the first week), (2) selecting	weeks delivered by doctoral and masters
		and defining a problem, (3) establishing realistic and achievable goals for	clinicians.
		problem resolution, (4) generating multiple solution alternatives	
		(brainstorming), (5) implementing decision-making guidelines (pros and	
		cons), (6) evaluating and choosing solutions, and (7) implementing the	
		caregiver-selected solutions.	
Greenley et al,	PSST	The PSST intervention was modeled after the PST outlined by D'Zurilla et	Online (telephone), parent-child intervention,
2015		al. Families were introduced to the PSST framework and educated about	2-4 sessions (session 1: 75 mins, other
		the 5 core problem solving steps (i.e., developing a positive problem	sessions: 45 mins) = 2-3.5 h over 8 weeks
		outlook, formulating a clear and specific problem definition, brainstorming	delivered by graduate students enrolled in
		possible solutions, choosing the best solution, and formulating a solution	psychology.
		implementation plan).	

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eTable 2. Intervention Characteristics of Included Studies (Continued)

Study ID	Intervention	Intervention Description	Intervention approach, mode of
	Name		delivery, duration of delivery,
			and providers
McCann	Problem-	The Problem-Solving Bibliotherapy Intervention group completed a self-help manual, which	F2F (self-help manual) + online
et al,	Solving	was based on PST. The intervention involved helping carers to (a) develop a positive attitude	(telephone), individual
2013	Bibliotherapy	to caregiving; (b) identify caregiving-related problems by ascertaining the facts, identifying	intervention, 5 × 2-h modules = 10
	Intervention	obstacles that inhibited goal achievement, and setting realistic goals; (c) consider a range of	h over 5 weeks with no
		alternatives to circumvent the obstacles and achieve the stated goal; (d) predict positive and	interventionists reported.
		negative implications of each alternative in order to choose the one most likely to achieve the	
		problem-solving goal; and (e) try out the solution and monitor if it worked.	
Modi et	STAR	A family-tailored problem-solving intervention, including 1) The interventionist helped identify	F2F (at the clinic or home) +
al, 2016	Intervention	an adherence barrier (Problem Definition); 2) The caregiver and child were taught to generate	online (telephone), parent-child
		creative solutions (Generating Alternative Solutions); 3) The potential solutions were written	intervention, 4 × 1-h F2F sessions
		down and systematically evaluated (Family Decision-Making); 4) The family selected one	+ 2 × 15-min telephone sessions
		solution (Implementation of New Solution); 5) A detailed solution was written out with specifics	= 4.5 h over 8 weeks delivered by
		regarding when, where, and how the new solution will be attempted. A behavioral contract	psychology doctoral student and
		was signed by all participants of the problem-solving session; and 6) Phone follow-ups were	post-doctoral fellow.
		conducted one week after the problem-solving session to assist the family in either fine-tuning	
		the solution or renegotiating a new solution (Evaluation and Re-Negotiation).	
Modi et	STAR	A problem-solving approach to address the family's individualized adherence barriers,	F2F (at the clinic or home) +
al, 2021	Intervention	including 1) Identification of the adherence barrier experienced by the family, 2) Generation of	online (telephone), parent-child
		8–10 creative solutions by all family members involved in the session, 3) Evaluation of the	intervention, 6 × 1-h F2F sessions
		solutions by family members, with each member rating the solution as + or −, 4) Choice of	+ 2 × 15-min telephone sessions
		one or two combined solutions to implement, and 5) Provision of detailed information on how	= 6.5 h over 4 months delivered
		the solution will be implemented (who, what, when, where, and how).	by master's and doctoral level
			psychologists/trainees.

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eTable 2. Intervention Characteristics of Included Studies (Continued)

Study ID	Intervention	Intervention Description	Intervention approach, mode of
	Name		delivery, duration of delivery, and
			providers
Nansel et	WE*CAN	Based on PST, the WE*CAN structure was developed: W - Work together to set	F2F (at routine clinic visits) + online
al, 2009	Intervention	goals; E - Explore possible barriers and solutions; C - Choose the best	(telephone), parent-child intervention,
		solutions; A - Act on your plan; N - Note the results. The goal of WE*CAN is to	3 sessions + 9 phone calls over a
		improve family management of diabetes, including domains of blood sugar	maximum of 12 months delivered by
		monitoring, insulin administration, diet, physical activity, and management of	health advisors (college graduates).
		blood sugar excursions.	
Narad et al,	TOPS-	A web-based, family-centered problem-solving intervention designed to support	Online (web-based didactic modules
2019	Family	adolescent and family outcomes following pediatric TBI. The intervention	+ videoconference), parent-child
		addressed common challenges following TBI by providing psychoeducation as	intervention, 10 core sessions + max
		well as teaching adolescents and their parents a 5-step problem solving	of 4 supplemental sessions over 6
		process (Aim, Brainstorm, Choose, Do, and Evaluate) that was generalizable to	months, delivered by advanced
		concerns beyond those addressed during the study. This problem-solving	clinical psychology graduate students
		framework was grounded in PST model.	or licensed clinical psychologists.
Palermo et	"Bright	The intervention was adapted from treatment materials for caregivers of	F2F (in pain clinic), individual
al, 2016	IDEAS"	children with cancer ("Bright IDEAS"). Drawing from D'Zurilla and colleagues'	intervention, 4-6 × 1-h sessions = 4-6
	PSST	conceptualization of PST, "Bright IDEAS" emphasizes a positive problem-	h over 6-8 weeks, delivered by
		solving orientation characterized by optimism and problem-solving self-efficacy	psychology postdoctoral fellows and
		(Bright), as well as the major components of rational problem solving. These	licensed clinical psychologists.
		include problem definition and formulation (Identify the Problem), generation of	
		alternative solutions (Determine the options), decision-making (Evaluate	
		options), solution implementation (Act), and verification (See if it worked).	

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eTable 2. Intervention Characteristics of Included Studies (Continued)

Study ID	Intervention	Intervention Description	Intervention approach, mode of
	Name		delivery, duration of delivery, and
			providers
Petranovich	Counselor-	A family problem-solving intervention based on PST that provided training in	Online (web-based didactic modules
et al, 2015	Assisted	communication skills, self-regulation and anger management. The core	+ videoconference), parent-child
	Problem	sessions primarily focused on problem-solving and application to a goal or	intervention, 7 core sessions (45–60
	Solving	problem identified by the family. After generating a solution to the goal or	minutes) + max of 4 supplemental
		problem that the family initially identified as problematic, the family's homework	sessions over 6 months, delivered by
		was to implement the agreed-upon plan and evaluate its success. Subsequent	clinical psychologists.
		core sessions focused on developing strategies to facilitate effective family	
		problem-solving, including basic communication skills and developing strategies	
		to address common cognitive and behavioral consequences of TBI.	
Phipps et	"Bright	The term "Bright" signifies optimism, and instills the belief that problems can be	Online (web-based videos,
al, 2020	IDEAS"	solved, which is considered an essential component for successful	interactive activities, and homework),
	PSST	implementation of the intervention. The acronym 'IDEAS' is used as a	individual intervention, 7 videos + 4
		mnemonic for the 5 essential steps of our problem-solving approach, with each	photos over 8 weeks, delivered by
		letter signifying a step: I (Identify the problem), D (Determine the options), E	research assistants with graduate
		(Evaluate/choose the best option), A (Act), and S (See if it worked).	education in clinical psychology.
Sahler et	"Bright	'Bright" signifies the sense of optimism (positive orientation) about solving	F2F (at the hospital, the clinic, or
al, 2002	IDEAS"	problems that is essential for successful implementation. The letters I (Identify	home), individual intervention, 8 × 1-h
	PSST	the problem), D (Determine the options), E (Evaluate options and choose the	sessions = 8 h over 8 weeks,
		best), A (Act), and S (See if it worked) signify the five essential steps of PST as	delivered by master-level mental
		articulated by D'Zurilla and Nezu.	health professional or psychology
			graduate student.

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eTable 2. Intervention Characteristics of Included Studies (Continued)

Study ID	Intervention	Intervention Description	Intervention approach, mode of delivery,		
	Name		duration of delivery, and providers		
Sahler et	"Bright	Bright signifies the sense of optimism (positive orientation) about	F2F (at the hospital, the clinic, or home),		
al, 2005	IDEAS"	solving problems that is essential for successful implementation. The	individual intervention, 8×1 -h sessions = 8		
	PSST	letters I (identify the problem), D (determine the options), E (evaluate	over 8 weeks, delivered by master-level		
		options and choose the best), A (act), and S (see if it worked) signify the	mental health professional or psychology		
		five essential steps of PST.	graduate student.		
Sahler et	"Bright	"Bright" signifies the optimism about solving problems essential for	F2F (at the hospital, the clinic, or home),		
al, 2013	IDEAS"	successful implementation. The letters I (identify the problem), D	individual intervention, 8×1 h sessions over 8		
	PSST	(determine the options), E (evaluate options/choose the best), A (act),	weeks= 8 h, delivered by research assistants		
		and S (see if it worked) signify the five essential steps of PST.	who had graduate education in clinical		
			psychology or behavioral health.		
Seid et al,	PSST	PSST is a generic psychoeducational approach in which problems are	F2F (at home), parent-child intervention, 6		
2010		normalized and participants are taught to approach problems	weekly sessions (45-60 mins) = 4.5-6 h over 6		
		proactively, define the problem, generate alternative solutions, choose	weeks, delivered by a bilingual, bicultural		
		the best solution, implement the solution, and evaluate how well that	master's level health educator.		
		solution worked. The intervention was based on PST and adapted from			
		a comprehensive protocol used in mothers of children with cancer.			
Wade et al,	FPS	The family problem-solving intervention, adapted from D'Zurilla and	F2F (at the clinic or the family's home), parent-		
2006a		Nezu, involved a 5-step process: Aim, Brainstorm, Choose, Do It, and	child intervention, 7 core sessions + max of 4		
		Evaluate—ABCDE for short. Prior to introducing the problem-solving	individualized sessions (each session 75-100		
		process, the therapist emphasized the importance of having a positive	mins) over 6 months, delivered by a 5th year		
		attitude toward problem solving, which was referred to as a positive	clinical psychology graduate student.		
		problem orientation.			

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eTable 2. Intervention Characteristics of Included Studies (Continued)

Study ID	Intervention	Intervention Description	Intervention approach, mode of delivery, duration of
	Name		delivery, and providers
Wade et al,	Online-FPS	The Family Problem-Solving Therapy had 14 separate sessions. Eight	Online (web-based didactic modules + teleconference),
2006b		"core" sessions provided training in problem solving, communication,	parent-child intervention, 8 core sessions + 6
		and antecedent behavior management skills for all enrolled families,	supplemental sessions over 6 months, delivered by
		whereas the remaining six sessions addressed content related to	clinical psychology graduate student.
		stressors or issues that affected some but not all families. The first two	
		Web-based sessions addressed the importance of having a positive	
		problem orientation and the steps of problem solving (Aim, Brainstorm,	
		Choose, Do It, and Evaluate; ABCDE).	
Wade et al,	TOPS	The TOPS intervention focused on developing a positive approach to	Online (web-based didactic modules + teleconference),
2012		problems and the steps of problem-solving. The problem-solving	parent-child intervention, 10 core sessions + max of 4
		heuristic consisted of five steps: Aim (goal identification), Brainstorm	supplemental sessions (each session 45-60 minutes)
		(solution generation), Choose (evaluation of the various solutions), Do	over 6 months, delivered by a staff psychologist and
		It (detailed implementation plan), and Evaluate (did it work).	doctoral students in clinical psychology.
Wade et al,	FPS	Treatment content was equivalent across treatment arms, though	(a) Online (therapist-guided, web-based didactic modules
2019		groups differed in terms of delivery mode (online vs face to face) and	+ videoconference), parent-child intervention, 10 core
		degree of therapist involvement (therapist-guided vs self-guided).	sessions+ max of 4 supplemental sessions (each session
		Participants and their families in all 3 treatment arms could complete up	60 minutes) over 6 months, delivered by licensed
		to 10 sequential sessions providing training in staying positive/cognitive	psychologists and postdoctoral fellows in psychology.
		reframing, problem-solving, and communication.	(b) Online (self-guided, web-based didactic modules),
			parent-child intervention, 10 core sessions+ all 11
			supplemental sessions (each session 60 minutes) over 6
			months, with no interventionist.

Abbreviations: ASD, autism spectrum disorder; FPS, family problem-solving therapy; F2F, face-to-face; PSST, problem-solving skills training; PST, problem-solving therapy; STAR, supporting treatment adherence regimens; TBI, traumatic brain injury; TOPS, teen online problem-solving.

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eTable 3. Author Judgments of Risk of Bias Across All Included Studies

Study ID	Doma	ain 1. R	andomi	zation process	Domain 2. Deviations from intended interventions							
	1.1	1.2	1.3	Judgement	2.1	2.2	2.3	2.4	2.5	2.6	2.7	Judgement
Askins et al, 2009	Υ	NI	N	Some concerns	PY	PY	N	NA	NA	Υ	NA	Low
Asnani et al, 2021	Υ	Υ	N	Low	PY	PY	N	NA	NA	Υ	NA	Low
Daniel et al, 2015	NI	PY	N	Low	Υ	Υ	PN	NA	NA	Υ	NA	Low
DaWalt et al, 2018	NI	NI	PY	High	PY	PY	PN	NA	NA	PN	PN	Some concerns
Feinberg et al, 2014	Υ	Υ	PN	Low	PY	PY	PN	NA	NA	PY	NA	Low
Gerkensmeyer et al, 2013	NI	NI	N	Some concerns	PY	PY	PN	NA	NA	NI	PN	Some concerns
Greenley et al, 2015	Υ	Υ	PN	Low	PY	PY	N	NA	NA	PN	PN	Some concerns
McCann et al, 2013	Υ	Υ	N	Low	PY	PY	N	NA	NA	Υ	NA	Low
Modi et al, 2016	Υ	NI	NI	Some concerns	NI	NI	N	NA	NA	PY	NA	Low
Modi et al, 2021	Υ	Υ	N	Low	PY	N	N	NA	NA	Υ	NA	Low
Nansel et al, 2009	NI	PN	N	High	PY	PY	PN	NA	NA	NI	PN	Some concerns
Narad et al, 2019	Υ	Υ	N	Low	PY	PY	N	NA	NA	Υ	NA	Low
Palermo et al, 2016	Υ	Υ	N	Low	Υ	Υ	N	NA	NA	Υ	NA	Low
Petranovich et al, 2015	Υ	Υ	N	Low	PY	PY	N	NA	NA	Υ	NA	Low
Phipps et al, 2020	PY	NI	N	Some concerns	PY	PY	PN	NA	NA	Υ	NA	Low
Sahler et al, 2002	PY	PY	N	Low	PY	PY	NI	NA	NA	Υ	NA	Some concerns
Sahler et al, 2005	PY	NI	N	Some concerns	PY	PY	PN	NA	NA	PY	NA	Low
Sahler et al, 2013	PY	NI	N	Some concerns	PY	PY	PN	NA	NA	Υ	NA	Low
Seid et al, 2010	PY	PY	N	Low	PY	PY	N	NA	NA	Υ	NA	Low
Wade et al, 2006a	PY	NI	N	Some concerns	PY	PY	PN	NA	NA	NI	PN	Some concerns
Wade et al, 2006b	Υ	NI	N	Some concerns	Υ	Υ	PN	NA	NA	PY	NA	Low
Wade et al, 2012	PY	NI	N	Some concerns	Υ	Υ	PN	NA	NA	NI	PN	Some concerns
Wade et al, 2019	Υ	Υ	PN	Low	PN	PY	PN	NA	NA	NI	PN	Some concerns

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eTable 3. Author Judgments of Risk of Bias Across All Included Studies (Continued)

Study ID	Doma	in 3. Mis	ssing ou	ıtcome (data	Doma	Domain 4. Measurement of the outcome					
	3.1 3.2 3		3.3	3.4	Judgement	4.1	4.2	4.3	4.4	4.5	Judgement	
Askins et al, 2009	N	PN	PY	PN	Some concerns	N	N	PN	NA	NA	Low	
Asnani et al, 2021	N	PN	PN	NA	Low	N	N	N	NA	NA	Low	
Daniel et al, 2015	N	N	NI	PN	Some concerns	N	PN	PY	PY	PN	Some concerns	
DaWalt et al, 2018	N	PN	PN	NA	Low	N	N	NI	PY	PN	Some concerns	
Feinberg et al, 2014	N	PN	PN	NA	Low	N	N	N	NA	NA	Low	
Gerkensmeyer et al, 2013	N	PN	PN	NA	Low	N	N	PY	PY	PY	High	
Greenley et al, 2015	N	PN	N	NA	Low	N	N	PN	NA	NA	Low	
McCann et al, 2013	N	N	PN	NA	Low	N	N	N	NA	NA	Low	
Modi et al, 2016	N	N	NI	PN	Some concerns	N	N	NI	NI	PN	Some concerns	
Modi et al, 2021	N	Υ	NA	NA	Low	N	N	N	NA	NA	Low	
Nansel et al, 2009	PN	PN	NI	NI	High	N	N	PN	NA	NA	Low	
Narad et al, 2019	N	PN	PN	NA	Low	N	N	PY	PN	NA	Low	
Palermo et al, 2016	Υ	NA	NA	NA	Low	N	N	N	NA	NA	Low	
Petranovich et al, 2015	PN	PY	NA	NA	Low	N	N	N	NA	NA	Low	
Phipps et al, 2020	N	PY	NA	NA	Low	N	N	NI	PN	NA	Low	
Sahler et al, 2002	NI	PN	NI	NI	Some concerns	N	N	NI	PY	PN	Some concerns	
Sahler et al, 2005	N	PN	NI	PN	Some concerns	N	N	NI	PY	PN	Some concerns	
Sahler et al, 2013	PN	PN	NI	PN	Some concerns	N	N	N	NA	NA	Low	
Seid et al, 2010	N	PY	NA	NA	Low	N	N	N	NA	NA	Low	
Wade et al, 2006a	PN	PN	PY	PN	Some concerns	N	N	NI	NI	PN	Some concerns	
Wade et al, 2006b	PN	PY	NA	NA	Low	N	N	PY	PN	NA	Low	
Wade et al, 2012	N	N	PY	PY	High	N	N	Υ	PN	NA	Low	
Wade et al, 2019	N	PN	PN	NA	Low	N	N	PN	NA	NA	Low	

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eTable 3. Author Judgments of Risk of Bias Across All Included Studies (Continued)

Study ID	Doma	ain 5. Se	Overall		
	1.1	1.2	1.3	Judgement	
Askins et al, 2009	Υ	PN	PY	High	High ^c
Asnani et al, 2021	Υ	N	N	Low	Low ^a
Daniel et al, 2015	NI	PN	PN	Some concerns	Some concerns ^b
DaWalt et al, 2018	PY	N	N	Low	High
Feinberg et al, 2014	Υ	N	N	Low	Low
Gerkensmeyer et al, 2013	PY	PN	PN	Low	High
Greenley et al, 2015	Υ	N	N	Low	Some concerns
McCann et al, 2013	Υ	N	N	Low	Low
Modi et al, 2016	Υ	N	N	Low	Some concerns
Modi et al, 2021	Υ	N	N	Low	Low
Nansel et al, 2009	PY	PN	PN	Low	High
Narad et al, 2019	PY	PY	PY	High	High
Palermo et al, 2016	Υ	N	N	Low	Low
Petranovich et al, 2015	Υ	N	N	Low	Low
Phipps et al, 2020	Υ	N	N	Low	Some concerns
Sahler et al, 2002	Υ	N	PY	High	High
Sahler et al, 2005	Υ	N	PY	High	High
Sahler et al, 2013	Υ	N	N	Low	Some concerns
Seid et al, 2010	Υ	N	N	Low	Low
Wade et al, 2006a	PY	N	N	Low	Some concerns
Wade et al, 2006b	PY	PN	PN	Low	Some concerns
Wade et al, 2012	PY	PN	PY	High	High
Wade et al, 2019	PY	PN	PN	Low	Some concerns

Abbreviations: Y, Yes; PY, Probably yes; PN, Probably no; N, No; NI, No information; NA, Not applicable.

^a Low risk of bias: The study is judged to be at low risk of bias for all domains for this result.

^b Some concerns: The study is judged to be at some concerns in at least one domain for this result.

^c High risk of bias: The study is judged to be at high risk of bias in at least one domain for this result or the study is judged to have some concerns for multiple domains in a way that substantially lowers confidence in the result.

eTable 4.Grading of Recommendations Assessment, Development, and Evaluation (GRADE) Evidence Profile

Outcomes	Risk of bias ^a	Inconsistency ^b	Indirectness ^c	Imprecision ^d	Publication	Certainty of the	
					bias ^e	evidence (GRADE) ^f	
Parental psychosocial outcome							
Depression	Not serious	Serious	Not serious	Not serious	Not serious	⊕⊕⊕⊜ Moderate	
Distress	Not serious	Serious	Not serious	Not serious	Not serious	⊕⊕⊕⊜ Moderate	
Problem-solving skills	Not serious	Serious	Not serious	Not serious	Not serious	⊕⊕⊕ Moderate	
Post-traumatic stress	Serious	Not serious	Not serious	Not serious	Not serious	⊕⊕⊕⊜ Moderate	
Parenting stress	Not serious	Serious	Not serious	Serious	Not serious	⊕⊕⊜⊜ Low	
Anxiety	Not serious	Serious	Not serious	Very serious	Not serious	⊕○○○ Very low	
Parental quality of Life	Not serious	Not serious	Not serious	Very serious	Not serious	⊕⊕⊜⊜ Low	
Pediatric psychosocial outcome							
Pediatric quality of life	Not serious	Serious	Not serious	Serious	Not serious	⊕⊕⊜⊜ Low	
Mental problems	Not serious	Not serious	Not serious	Serious	Not serious	⊕⊕⊕ Moderate	
Social functioning	Not serious	Serious	Not serious	Very serious	Not serious	⊕○○○ Very low	
Family psychosocial outcome							
Parent-child conflict	Serious	Not serious	Not serious	Serious	Not serious	⊕⊕⊜⊜ Low	

^a Risk-of-bias: certainty was downgraded if more than 50% of the weights of individual RCTs in each outcome assessed came from high-risk studies.

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b Inconsistency: based on the variability and heterogeneity across individual trials. Certainty was downgraded if I2 > 50% and/or if the p-value of the heterogeneity test was < .05.

c Indirectness: assessed qualitatively by the extent to which the population, interventions, and outcome measures directly reflect the aims of the systematic review.

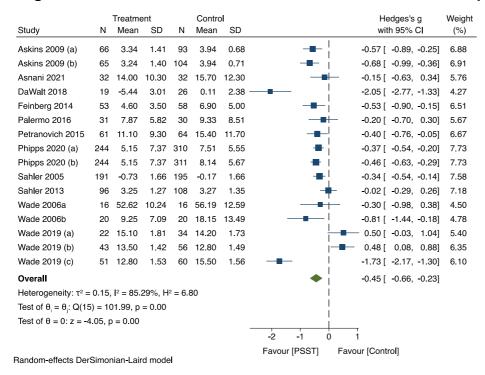
d Imprecision: based on inspection of the pooled estimate and the 95% confidence interval (95%Cls). We decreased the grade rating by one (-1) when the analysis included fewer than 500 participants or if there were wide confidence intervals, and by two (-2) when the number of participants included in the analysis was very low or if confidence intervals were very wide.

^e Publication bias: assessed by a funnel plot and an extension to Egger's regression test. Certainty downgraded when p < 0.05.

f High certainty: we are very confident that the true effect lies close to that of the estimate of the effect; Moderate certainty: we are moderately confident in the effect estimate: the true effect is likely to be close to the estimate of the effect, but there is a possibility that it is substantially different; Low certainty: our confidence in the effect estimate is limited: the true effect may be substantially different from the estimate of the effect; Very low certainty: we have very little confidence in the effect estimate: the true effect is likely to be substantially different from the estimate of effect.

eFigure 1. Forest Plot Meta-Analyses for Different Psychosocial Outcomes

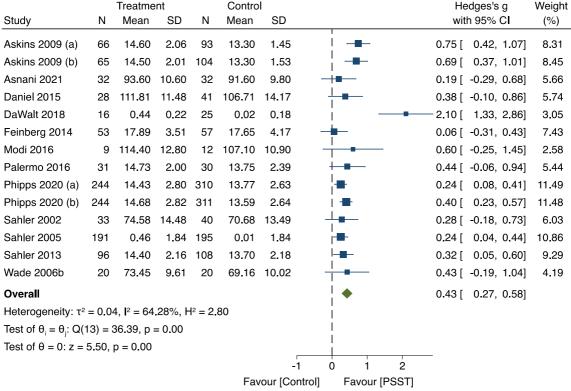
eFigure 1.1. Forest Plot of PSST Association with Parental Depression



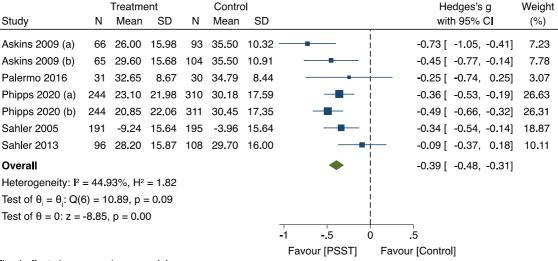
eFigure 1.2. Forest Plot of PSST Association with Parental Distress

Study	N	Treatme Mean	ent SD	N	Contro Mean	l SD		Hedges's g with 95% Cl	Weight (%)
Askins 2009 (a)	66	33.70	35.98	93	55.70	22.76	-	-0.76 [-1.08, -0.43]	6.88
Askins 2009 (b)	65	34.60	35.08	104	55.70	24.07	-	-0.73 [-1.05, -0.41]	6.93
McCann 2013	56	19.90	1.20	58	21.80	1.20	i	-1.57 [-1.99, -1.15]	6.20
Palermo 2016	31	29.35	33.60	30	26.87	36.87	—	0.07 [-0.43, 0.57]	5.62
Petranovich 2015	61	47.80	12.50	64	53.90	12.00		-0.50 [-0.85, -0.14]	6.67
Phipps 2020 (a)	244	86.17	42.38	310	99.17	42.18	 i	-0.31 [-0.48, -0.14]	7.85
Phipps 2020 (b)	244	84.44	41.79	311	104.24	42.86	-	-0.47 [-0.64, -0.30]	7.84
Sahler 2002	33	80.76	38.81	40	98.10	48.50	-	-0.39 [-0.85, 0.07]	5.88
Sahler 2005	191	-19.76	38.75	195	-6.68	38.75	 -i	-0.34 [-0.54, -0.14]	7.68
Sahler 2013	96	33.60	35.86	108	38.30	36.37		-0.13 [-0.40, 0.14]	7.23
Wade 2006a	16	53.13	12.03	16	55.13	14.09		-0.15 [-0.83, 0.53]	4.41
Wade 2006b	20	52.33	10.69	20	58.37	11.49		-0.53 [-1.15, 0.09]	4.77
Wade 2012	16	48.85	7.92	19	54.03	9.42	-	-0.58 [-1.24, 0.09]	4.48
Wade 2019 (a)	22	56.10	2.46	34	56.90	1.93		-0.37 [-0.90, 0.17]	5.35
Wade 2019 (b)	43	54.70	1.88	56	56.90	1.69		-1.23 [-1.66, -0.80]	6.11
Wade 2019 (c)	51	53.30	2.02	60	56.60	1.77		-1.74 [-2.17, -1.30]	6.07
Overall							•	-0.61 [-0.81, -0.40]	
Heterogeneity: τ² =	0.14,	$I^2 = 83.8$	38%, H ²	= 6.2	0		j		
Test of $\theta_i = \theta_i$: Q(15	5) = 93	3.05, p =	0.00				ļ.		
Test of $\theta = 0$: $z = -5$	5.72, p	= 0.00					-2 -1 0	\neg	
								1 our [Control]	
Random-effects Der	Simor	ian-Lair	d model				1 4704, [1 001]	our [control]	

eFigure 1.3. Forest Plot of PSST Association with Parental Problem-solving Skills

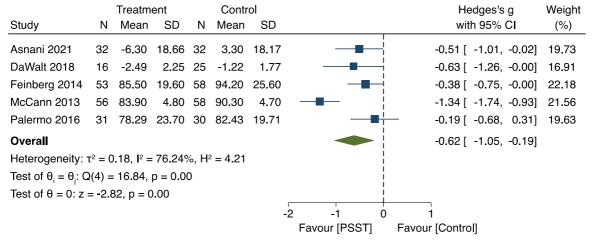


eFigure 1.4. Forest Plot of PSST Association with Parental Post-traumatic Stress

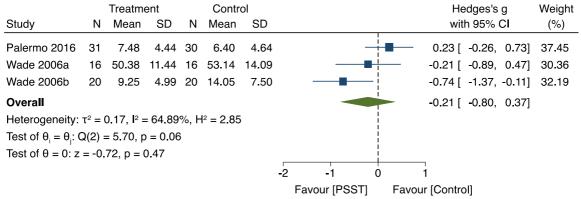


Fixed-effects inverse-variance model

eFigure 1.5. Forest Plot of PSST Association with Parenting Stress

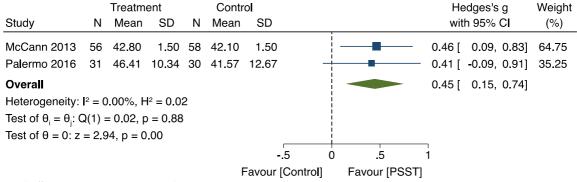


eFigure 1.6. Forest Plot of PSST Association with Parental Anxiety



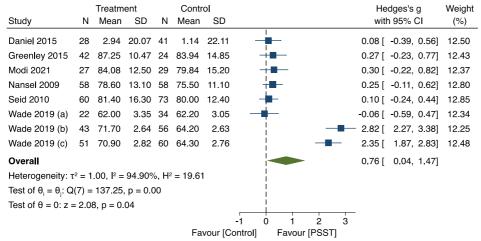
Random-effects DerSimonian-Laird model

eFigure 1.7. Forest Plot of PSST Association with Parental Quality of Life

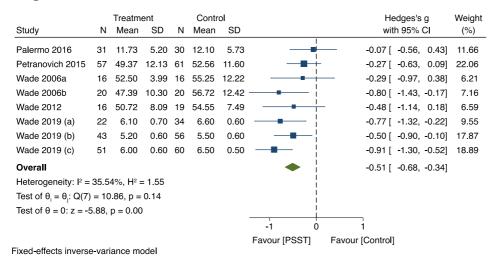


Fixed-effects inverse-variance model

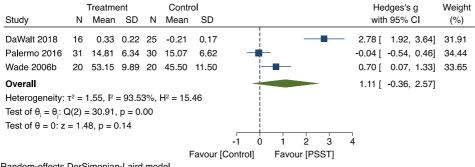
eFigure 1.8. Forest Plot of PSST Association with Pediatric Quality of Life



eFigure 1.9. Forest Plot of PSST Association with Pediatric Mental Problems

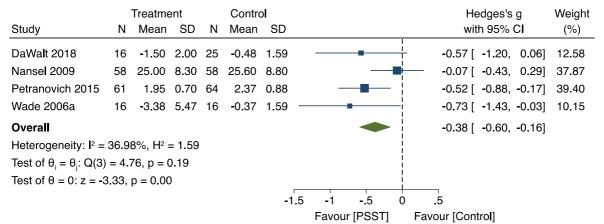


eFigure 1.10. Forest Plot of PSST Association with Pediatric Social Functioning



Random-effects DerSimonian-Laird model

eFigure 1.11. Forest Plot of PSST Association with Parent-child conflict



Fixed-effects inverse-variance model

eFigure 2. Subgroup Analyses of Each Outcome According to Children- and Intervention-Level Factors eFigure 2.1 Subgroup Analysis of PSST on Parental Depression Changes (Overall)

Subgroups	PSST	Control	Std. Mean Difference	(95% <i>CI</i>)	12(%)
Overall	1254	1517	H EH	-0.45 (-0.66, -0.23)	85.29
Child age					
≤ 10 years	991	1211		-0.39 (-0.52, -0.26)	92.01
> 10 years	263	306	├	-0.55 (-1.17, 0.07)	50.10
Pediatric illness duration					
Newly diagnosed	1052	1275		-0.40 (-0.52, -0.28)	46.35
Not newly diagnosed	202	242	 • 	-0.52 (-1.18, 0.14)	92.13
Intervention approach					
Face to face	769	914	I ● I	-0.38 (-0.62, -0.14)	79.69
Online	485	603	├	-0.55 (-1.02, -0.09)	91.20
Mode of delivery					
Individual intervention	990	1209		-0.39 (-0.52, -0.27)	48.69
Parent-child intervention	213	250	 • 	-0.38 (-1.09, 0.34)	92.54
Group intervention	51	58 ⊢	•	⊢ -1.08 (-2.94, 0.78)	94.58
Duration of intervention					
5–8 weeks	1009	1235	lel	-0.48 (-0.67, -0.29)	76.31
> 8 weeks	245	282	 • 	-0.34 (-0.95, 0.26)	91.14
Number of sessions					
< 8 sessions	116	120	H	-0.33 (-0.59, -0.08)	0.00
8-12 sessions	1002	1227	Ю	-0.48 (-0.67, -0.28)	75.62
> 12 sessions	136	170		- -0.39 (-1.54, 0.76)	95.52
		-3	2 1 0	1	
		-3	-2 -1 0 Favours [PSST] Fav	vours [Control]	

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eFigure 2.2 Subgroup Analysis of Childhood Medical Conditions on Parental Depression Changes

Study	N	Treatme Mean	ent SD	N	Contro Mean	ol SD		Hedges's g with 95% CI	Weight (%)
Autism spectrum disorder (ASD)	- 11	Wican	00		Wican	- 00		With 35 /6 Of	(70)
DaWalt 2018	19	-5.44	3.01	26	.11	2.38	_	-2.05 [-2.77, -1.33]	4.27
Feinberg 2014	53	4.6	3.5	58	6.9	5	-	-0.53 [-0.90, -0.15]	6.51
Heterogeneity: $\tau^2 = 1.07$, $I^2 = 92.61$ %								-1.25 [-2.75, 0.24]	
Test of $\theta_i = \theta_j$: Q(1) = 13.54, p = 0.00									
Cancer									
Askins 2009 (a)	66	3.34	1.41	93	3.94	.68	-	-0.57 [-0.89, -0.25]	6.88
Askins 2009 (b)	65	3.24	1.4	104	3.94	.71		-0.68 [-0.99, -0.36]	6.91
Phipps 2020 (a)	244	5.15	7.37	310	7.51	5.55		-0.37 [-0.54, -0.20]	7.73
Phipps 2020 (b)	244	5.15	7.37	311	8.14	5.67		-0.46 [-0.63, -0.29]	7.73
Sahler 2005	191	73	1.66	195	17	1.66	-	-0.34 [-0.54, -0.14]	7.58
Sahler 2013	96	3.25	1.27	108	3.27	1.35	-	-0.02 [-0.29, 0.26]	7.18
Heterogeneity: $\tau^2 = 0.02$, $I^2 = 60.24$ %	%, H² = 2	.51					♦	-0.39 [-0.54, -0.25]	
Test of $\theta_i = \theta_j$: Q(5) = 12.57, p = 0.03	3								
Chronic pain									
Palermo 2016	31	7.87	5.82	30	9.33	8.51	-	-0.20 [-0.70, 0.30]	5.67
Heterogeneity: $\tau^2 = 0.00$, $I^2 = .\%$, H^2	=.						•	-0.20 [-0.70, 0.30]	
Test of $\theta_i = \theta_j$: Q(0) = 0.00, p = .									
Sickle cell disease (SCD)									
Asnani 2021	32	14	10.3	32	15.7	12.3	-	-0.15 [-0.63, 0.34]	5.76
Heterogeneity: $\tau^2 = 0.00$, $I^2 = .\%$, H^2	=.							-0.15 [-0.63, 0.34]	
Test of $\theta_i = \theta_j$: Q(0) = -0.00, p = .									
Traumatic brain injury (TBI)									
Petranovich 2015	61	11.1	9.3	64	15.4	11.7	-	-0.40 [-0.76, -0.05]	6.67
Wade 2006a	16	52.62	10.24	16	56.19	12.59	_	-0.30 [-0.98, 0.38]	4.50
Wade 2006b	20	9.25	7.09	20	18.15	13.49	_	-0.81 [-1.44, -0.18]	4.78
Wade 2019 (a)	22	15.1	1.81	34	14.2	1.73	-	- 0.50 [-0.03, 1.04]	5.40
Wade 2019 (b)	43	13.5	1.42	56	12.8	1.49	-	0.48 [0.08, 0.88]	6.35
Wade 2019 (c)	51	12.8	1.53	60	15.5	1.56	_	-1.73 [-2.17, -1.30]	6.10
Heterogeneity: $\tau^2 = 0.73$, $I^2 = 92.54$ %	%, H ² = 1	3.40						-0.38 [-1.09, 0.34]	
Test of $\theta_i = \theta_j$: Q(5) = 67.00, p = 0.00	0								
Overall							•	-0.45 [-0.66, -0.23]	
Heterogeneity: $\tau^2 = 0.15$, $I^2 = 85.29$?	%, H ² = 6	.80							
Test of $\theta_i = \theta_j$: Q(15) = 101.99, p = 0	0.00								
Test of group differences: $Q_b(4) = 2$.	71, p = 0).61				_	3 -2 -1 0	1	
								•	

eFigure 2.3 Subgroup Analysis of PSST on Parental Distress Changes (Overall)

Subgroups	PSST	Control	Std. Mean Difference (95	5% CI)	I 2 (%)
Overall	1255	1518	H■H	-0.61 (-0.81, -0.40)	83.88
Child age					
≤ 10 years	939	1161	HH	-0.42 (-0.57, -0.28)	58.90
> 10 years	316	357	├	-0.75 (-1.19, -0.32)	85.81
Pediatric illness duration					
Newly diagnosed	1000	1225	HH	-0.43 (-0.56, -0.30)	52.84
Not newly diagnosed	255	293	├	-0.78 (-1.28, -0.29)	86.48
Intervention approach					
Face to face	698	838	HH	-0.35 (-0.51, -0.20)	44.54
Online	501	622		-0.80 (-1.19, -0.41)	87.29
Face to face + online	56	58 —		-1.57 (-1.99, -1.15)	NA
Mode of delivery					
Individual intervention	1026	1249	⊢	-0.50 (-0.72, -0.28)	83.18
Parent-child intervention	229	269		-0.75 (-1.19, -0.31)	81.01
Duration of intervention					
5–8 weeks	1026	1249	⊢	-0.50 (-0.72, -0.28)	83.18
> 8 weeks	229	269	├	-0.75 (-1.19, -0.31)	81.01
Number of sessions					
< 8 sessions	87	88 ⊢	•	-0.76 (-2.37, 0.85)	95.94
8-12 sessions	1016	1241	HH	-0.42 (-0.55, -0.29)	48.05
	152	189		-0.92 (-1.45, -0.38)	81.06

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eFigure 2.4 Subgroup Analysis of Childhood Medical Conditions on Parental Distress Changes

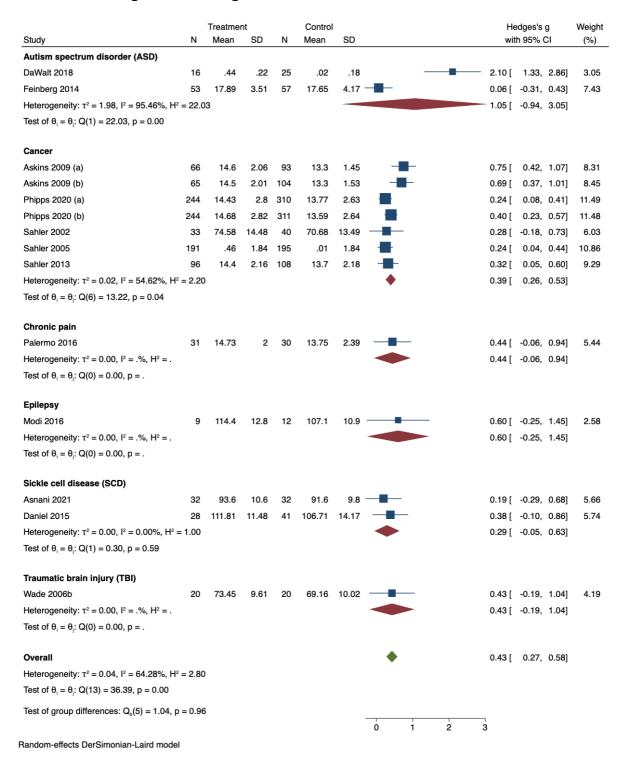
Study	N	Treatme Mean	ent SD	N	Contro Mean	l SD		Hedges's g with 95% CI	Weigh (%)
Cancer									
Askins 2009 (a)	66	33.7	35.98	93	55.7	22.76	-	-0.76 [-1.08, -0.43]	6.88
Askins 2009 (b)	65	34.6	35.08	104	55.7	24.07	-	-0.73 [-1.05, -0.41]	6.93
Phipps 2020 (a)	244	86.17	42.38	310	99.17	42.18	-	-0.31 [-0.48, -0.14]	7.85
Phipps 2020 (b)	244	84.44	41.79	311	104.24	42.86	•	-0.47 [-0.64, -0.30]	7.84
Sahler 2002	33	80.76	38.81	40	98.1	48.5	-	-0.39 [-0.85, 0.07]	5.88
Sahler 2005	191	-19.76	38.75	195	-6.68	38.75		-0.34 [-0.54, -0.14]	7.68
Sahler 2013	96	33.6	35.86	108	38.3	36.37	-	-0.13 [-0.40, 0.14]	7.23
Heterogeneity: $\tau^2 = 0.02$, $I^2 = 58.90$	%, H²	= 2.43					•	-0.42 [-0.57, -0.28]	
Test of $\theta_i = \theta_j$: Q(6) = 14.60, p = 0.0)2								
Chronic pain									
Palermo 2016	31	29.35	33.6	30	26.87	36.87	_	0.07 [-0.43, 0.57]	5.62
Heterogeneity: $\tau^2 = 0.00$, $I^2 = .\%$, H^2	2 = .							0.07 [-0.43, 0.57]	
Test of $\theta_i = \theta_j$: Q(0) = 0.00, p = .									
First-episode psychosis (FEP)									
McCann 2013	56	19.9	1.2	58	21.8	1.2	_	-1.57 [-1.99, -1.15]	6.20
Heterogeneity: $\tau^2 = 0.00$, $I^2 = .\%$, H^2	2 = .							-1.57 [-1.99, -1.15]	
Test of $\theta_i = \theta_j$: Q(0) = 0.00, p = .									
Traumatic brain injury (TBI)									
Petranovich 2015	61	47.8	12.5	64	53.9	12	-	-0.50 [-0.85, -0.14]	6.67
Wade 2006a	16	53.13	12.03	16	55.13	14.09	_	-0.15 [-0.83, 0.53]	4.41
Wade 2006b	20	52.33	10.69	20	58.37	11.49		-0.53 [-1.15, 0.09]	4.77
Wade 2012	16	48.85	7.92	19	54.03	9.42		-0.58 [-1.24, 0.09]	4.48
Wade 2019 (a)	22	56.1	2.46	34	56.9	1.93	_	-0.37 [-0.90, 0.17]	5.35
Wade 2019 (b)	43	54.7	1.88	56	56.9	1.69	-	-1.23 [-1.66, -0.80]	6.11
Wade 2019 (c)	51	53.3	2.02	60	56.6	1.77	-	-1.74 [-2.17, -1.30]	6.07
Heterogeneity: $\tau^2 = 0.28$, $I^2 = 81.01$	%, H²	= 5.27						-0.75 [-1.19, -0.31]	
Test of $\theta_i = \theta_j$: Q(6) = 31.60, p = 0.0	00								
Overall							•	-0.61 [-0.81, -0.40]	
Heterogeneity: $\tau^2 = 0.14$, $I^2 = 83.88$	%, H²	= 6.20							
Test of $\theta_i = \theta_j$: Q(15) = 93.05, p = 0.	.00								
Test of group differences: $Q_b(3) = 3$	2.51, p	0.00						\neg	
Random-effects DerSimonian-Laird r	model						-2 -1 0	1	

eFigure 2.5 Subgroup Analysis of PSST on Parental Problem-solving Skills Changes (Overall)

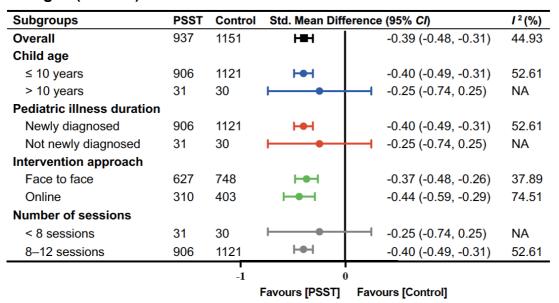
Subgroups	PSST	Control	Std. Mean Difference (95% CI		12(%)
Overall	1128	1378	H H	0.43 (0.27, 0.58)	64.28
Child age					
≤ 10 years	1062	1303	lel	0.36 (0.24, 0.48)	38.90
> 10 years	67	75	•	0.95 (-0.01, 1.91)	86.14
Pediatric illness duration					
Newly diagnosed	1033	1262	IOI	0.37 (0.24, 0.50)	49.85
Not newly diagnosed	95	116	├──	0.65 (0.12, 1.19)	78.47
Intervention approach					
Face to face	761	902	⊢ •− I	0.43 (0.22, 0.63)	72.11
Online	330	423	├	0.46 (0.09, 0.83)	72.92
Face to face + online	37	53	——	0.44 (0.02, 0.85)	0.00
Mode of delivery					
Individual intervention	1023	1248	H O I	0.37 (0.24, 0.50)	49.21
Parent-child intervention	29	32	——	0.49 (-0.01, 0.98)	0.00
Group intervention	76	98	H • • • • • • • • • • • • • • • • • • •	0.84 (-0.13, 1.82)	89.02
Duration of intervention					
5–8 weeks	1048	1286	I • · I	0.45 (0.27, 0.63)	72.10
> 8 weeks	80	92	 1	0.32 (0.02, 0.62)	0.00
Number of sessions					
< 8 sessions	153	172	├ ── │	0.26 (0.04, 0.48)	0.00
8-12 sessions	955	1186	⊢	0.50 (0.29, 0.70)	78.61
> 12 sessions	20	20	 	0.43 (-0.19, 1.04)	NA
		_	0 1 2		
	Fav	ours [Con	trol] Favours [PSST]		

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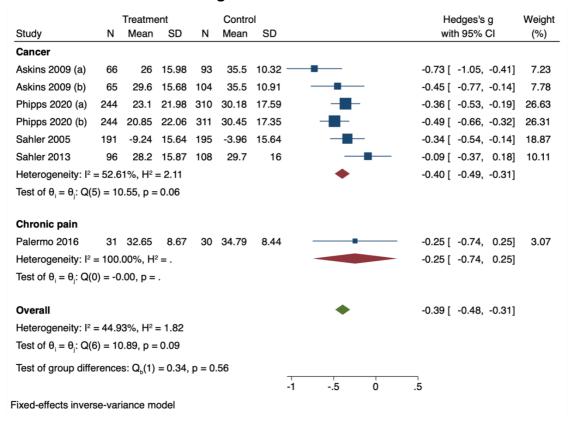
eFigure 2.6 Subgroup Analysis of Childhood Medical Conditions on Parental Problem-solving Skills Changes



eFigure 2.7 Subgroup Analysis of PSST on Parental Post-traumatic Stress Changes (Overall)



eFigure 2.8 Subgroup Analysis of Childhood Medical Conditions on Parental Post-traumatic Stress Changes



eFigure 2.9 Subgroup Analysis of PSST on Parenting Stress Changes (Overall)

Subgroups	PSST	Control	Std. Mean Difference (95% CI)				
Overall	188	203	⊢=	-0.62 (-1.05, -0.19)	76.24		
Child age							
≤ 10 years	85	90	⊢	-0.43 (-0.72, -0.13)	0.00		
> 10 years	103	113	-	-0.73 (-1.47, 0.00)	84.49		
Pediatric illness duration							
Newly diagnosed	85	90	⊢	-0.38 (-0.75, 0.00)	NA		
Not newly diagnosed	103	113	├	-0.68 (-1.22, -0.14)	78.71		
Intervention approach							
Face to face	132	145	⊢ •−1	-0.40 (-0.64, -0.17)	0.00		
Face to face + online	56	58 F	→	-1.34 (-1.74, -0.93)	NA		
Mode of delivery							
Individual intervention	140	146	⊢	-0.64 (-1.34, 0.06)	87.89		
Group intervention	48	57	⊢	-0.56 (-0.95, -0.17)	0.00		
Duration of intervention							
5–8 weeks	156	171	 	-0.64 (-1.18, -0.10)	81.86		
> 8 weeks	32	32	——	-0.51 (-1.01, -0.02)	NA		
Number of sessions				,			
< 8 sessions	172	178	├	-0.61 (-1.13, -0.09)	82.18		
8-12 sessions	16	25	—	-0.63 (-1.26, -0.00)	NA		
		-2	-1 0	•			
		-		Favours [Control]			

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eFigure 2.10 Subgroup Analysis of Childhood Medical Conditions on Parenting Stress Changes

		Treati	ment		Con	trol		Hedges's g	Weight
Study	N	Mean	SD	N	Mean	SD		with 95% CI	(%)
Autism spectrum disorder (ASD)									
DaWalt 2018	16	-2.49	2.25167	25	-1.22	1.77076		-0.63 [-1.26, -0.00]	16.91
Feinberg 2014	53	85.5	19.6	58	94.2	25.6	-	-0.38 [-0.75, -0.00]	22.18
Heterogeneity: $\tau^2 = 0.00$, $I^2 = 0.00\%$, $I^2 = 0.00\%$	$H^2 = 1$.00					•	-0.44 [-0.76, -0.12]	
Test of $\theta_i = \theta_j$: Q(1) = 0.47, p = 0.49									
Chronic pain									
Palermo 2016	31	78.29	23.7	30	82.43	19.71		-0.19 [-0.68, 0.31]	19.63
Heterogeneity: $\tau^2 = 0.00$, $I^2 = .\%$, $H^2 =$								-0.19 [-0.68, 0.31]	
Test of $\theta_i = \theta_j$: Q(0) = 0.00, p = .									
First-episode psychosis (FEP)									
McCann 2013	56	83.9	4.8	58	90.3	4.7	-	-1.34 [-1.74, -0.93]	21.56
Heterogeneity: $\tau^2 = 0.00$, $I^2 = .\%$, $H^2 =$								-1.34 [-1.74, -0.93]	
Test of $\theta_i = \theta_j$: Q(0) = 0.00, p = .									
Sickle cell disease (SCD)									
Asnani 2021	32	-6.3	18.66	32	3.3	18.17	_	-0.51 [-1.01, -0.02]	19.73
Heterogeneity: $\tau^2 = 0.00$, $I^2 = .\%$, $H^2 =$								-0.51 [-1.01, -0.02]	
Test of $\theta_i = \theta_j$: Q(0) = 0.00, p = .									
Overall							•	-0.62 [-1.05, -0.19]	
Heterogeneity: $\tau^2 = 0.18$, $I^2 = 76.24\%$,	H ² = 4	4.21							
Test of $\theta_i = \theta_j$: Q(4) = 16.84, p = 0.00									
Test of group differences: $Q_b(3) = 16.3$	37, p =	0.00							
						-	2 -1 0	1	
Random-effects DerSimonian-Laird mo	odel								

eFigure 2.11 Subgroup Analysis of PSST on Pediatric Quality of Life Changes (Overall)

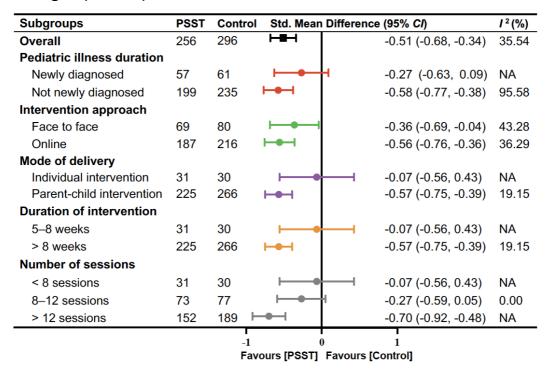
Subgroups	PSST	Control	Std. Mean Difference (95% CI)	I 2 (%)
Overall	331	375	0.76 (0.04, 1.47)	94.9
Child age				
≤ 10 years	115	143	0.14 (-0.11, 0.38)	0.00
> 10 years	216	232	1.12 (0.00, 2.25)	96.41
Pediatric illness duration				
Newly diagnosed	27	29	0.30 (-0.22, 0.82)	NA
Not newly diagnosed	304	346	0.82 (0.02, 1.63)	95.58
Intervention approach				
Face to face	82	107 —	0.05 (-0.24, 0.34)	0.00
Online	136	140	1.81 (0.27, 3.35)	96.32
Face to face + online	113	128	0.22 (-0.04, 0.47)	0.00
Mode of delivery				
Parent-child intervention	303	334	0.85 (0.05, 1.66)	95.45
Group intervention	28	41 —	0.08 (-0.39, 0.56)	NA
Number of sessions				
< 8 sessions	130	138 F	● -I 0.13 (-0.11, 0.38)	0.00
8-12 sessions	85	87	0.27 (-0.03, 0.57)	0.00
> 12 sessions	116	150	1.70 (-0.02,3.43)	96.94
,	-	[Control]	0 1 2 3 Favours [PSST]	

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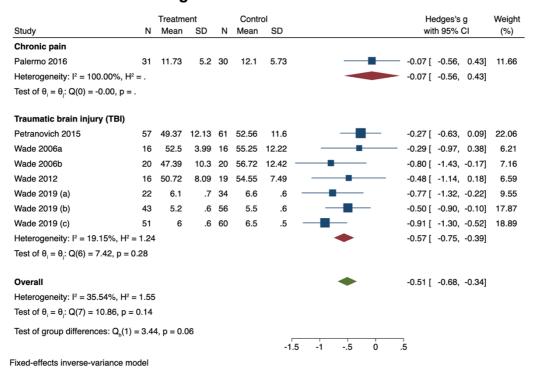
eFigure 2.12 Subgroup Analysis of Childhood Medical Conditions on Pediatric Quality of Life Changes

		Treatm	ent		Contr	ol		Hedges's g	Weight
Study	N	Mean	SD	N	Mean	SD		with 95% CI	(%)
Asthma									
Seid 2010	60	81.4	16.3	73	80	12.4	-	0.10 [-0.24, 0.44]	12.85
Heterogeneity: $\tau^2 = 0.00$, $I^2 = .\%$, $H^2 = .$							•	0.10 [-0.24, 0.44]	
Test of $\theta_i = \theta_j$: Q(0) = 0.00, p = .									
Diabetes									
Nansel 2009	58	78.6	13.1	58	75.5	11.1	-	0.25 [-0.11, 0.62]	12.80
Heterogeneity: $\tau^2 = 0.00$, $I^2 = .\%$, $H^2 = .$							•	0.25 [-0.11, 0.62]	
Test of $\theta_i = \theta_j$: Q(0) = -0.00, p = .									
Epilepsy									
Modi 2021	27	84.08	12.5	29	79.84	15.2	-	0.30 [-0.22, 0.82]	12.37
Heterogeneity: $\tau^2 = 0.00$, $I^2 = .\%$, $H^2 = .$								0.30 [-0.22, 0.82]	
Test of $\theta_i = \theta_j$: Q(0) = 0.00, p = .									
Inflammatory bowel diseases (IBD)									
Greenley 2015	42	87.25	10.47	24	83.94	14.85	-	0.27 [-0.23, 0.77]	12.43
Heterogeneity: $\tau^2 = 0.00$, $I^2 = .\%$, $H^2 = .$							•	0.27 [-0.23, 0.77]	
Test of $\theta_i = \theta_j$: Q(0) = 0.00, p = .									
Sickle cell disease (SCD)									
Daniel 2015	28	2.94	20.07	41	1.14	22.11	-	0.08 [-0.39, 0.56]	12.50
Heterogeneity: $\tau^2 = 0.00$, $I^2 = .\%$, $H^2 = .$							•	0.08 [-0.39, 0.56]	
Test of $\theta_i = \theta_j$: Q(0) = -0.00, p = .									
Traumatic brain injury (TBI)									
Wade 2019 (a)	22	62	3.35	34	62.2	3.05	-	-0.06 [-0.59, 0.47]	12.34
Wade 2019 (b)	43	71.7	2.64	56	64.2	2.63		- 2.82 [2.27, 3.38]	12.25
Wade 2019 (c)	51	70.9	2.82	60	64.3	2.76	-	2.35 [1.87, 2.83]	12.48
Heterogeneity: $\tau^2 = 2.25$, $I^2 = 96.94\%$, H	² = 32.	.65						1.70 [-0.02, 3.43]	
Test of $\theta_i = \theta_j$: Q(2) = 65.29, p = 0.00									
Overall							•	0.76 [0.04, 1.47]	
Heterogeneity: $\tau^2 = 1.00$, $I^2 = 94.90\%$, H	² = 19.	.61							
Test of $\theta_i = \theta_j$: Q(7) = 137.25, p = 0.00									
Test of group differences: $Q_{b}(5) = 3.80$,	o = 0.5	58				_		_	

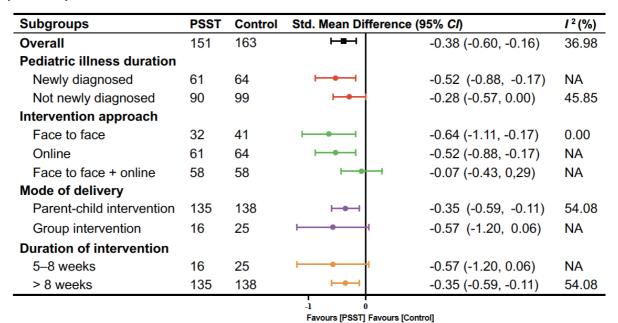
eFigure 2.13 Subgroup Analysis of PSST on Pediatric Mental Problems Changes (Overall)



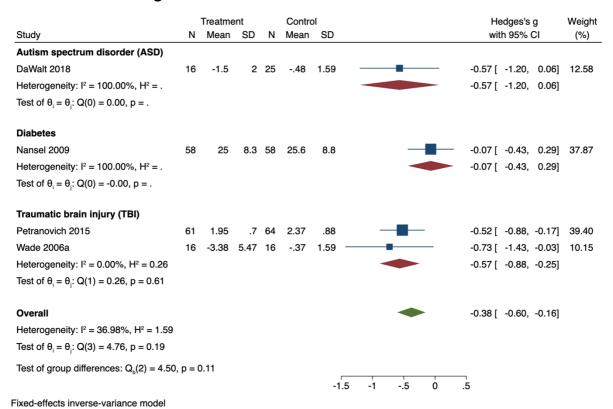
eFigure 2.14 Subgroup Analysis of Childhood Medical Conditions on Pediatric Mental Problems Changes



eFigure 2.15 Subgroup Analysis of PSST on Parent-child Conflict Changes (Overall)

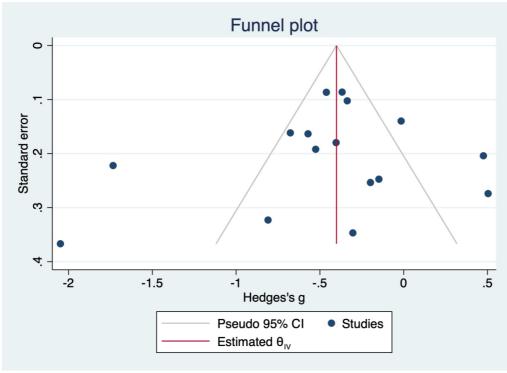


eFigure 2.16 Subgroup Analysis of Childhood Medical Conditions on Parentchild Conflict Changes

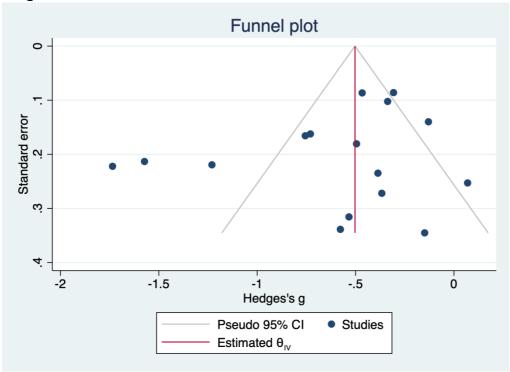


eFigure 3. Funnel Plot Analyses

eFigure 3.1 Funnel Plot for Parental Depression



eFigure 3.2 Funnel Plot for Parental Distress



Funnel plot

Funnel plot

Standard et al. 1.5 2

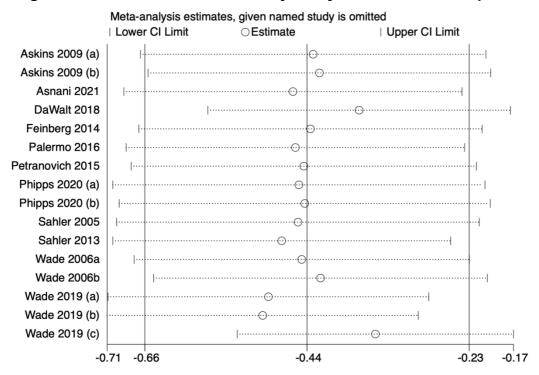
Hedges's g

Pseudo 95% CI Studies
Estimated θ_{IV}

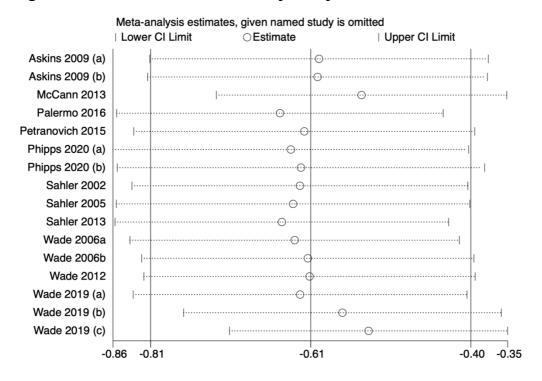
eFigure 3.3 Funnel Plot for Parental Problem-solving Skills

eFigure 4. Leave-One-Out Sensitivity Analyses

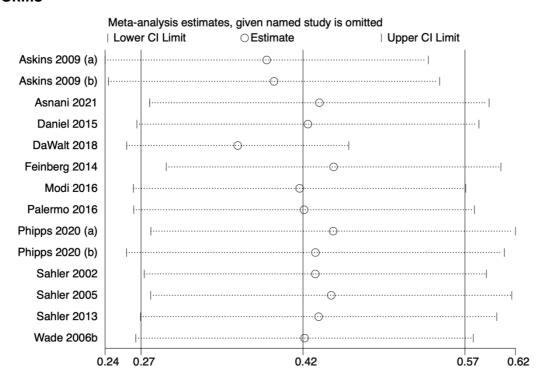
eFigure 4.1 Leave-one-out Sensitivity Analysis for Parental Depression



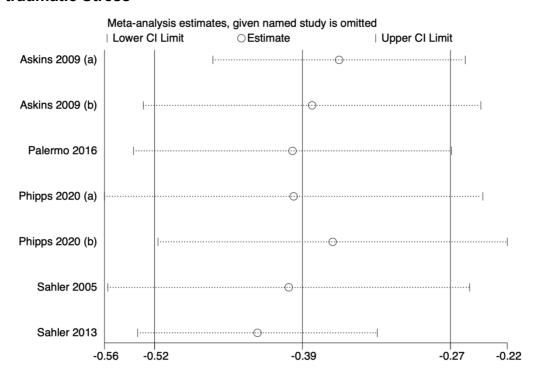
eFigure 4.2 Leave-one-out Sensitivity Analysis for Parental Distress



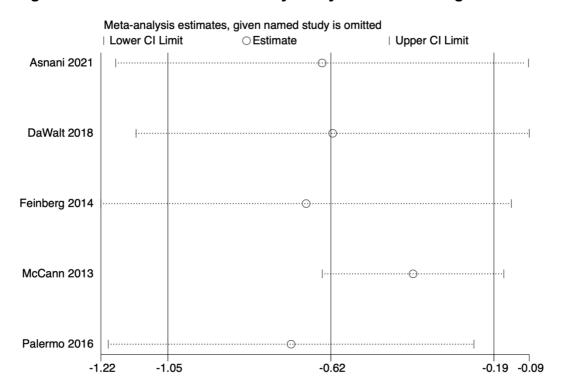
eFigure 4.3 Leave-one-out Sensitivity Analysis for Parental Problem-solving Skills



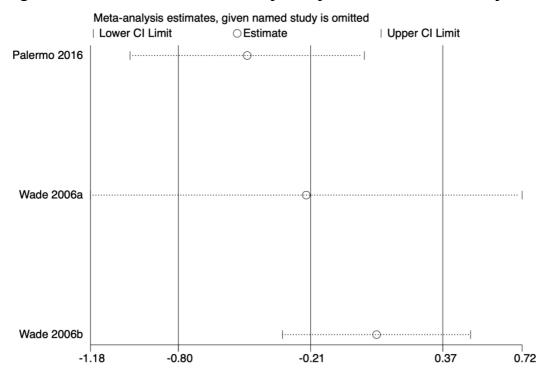
eFigure 4.4 Leave-one-out Sensitivity Analysis for Parental Parental Post-traumatic Stress



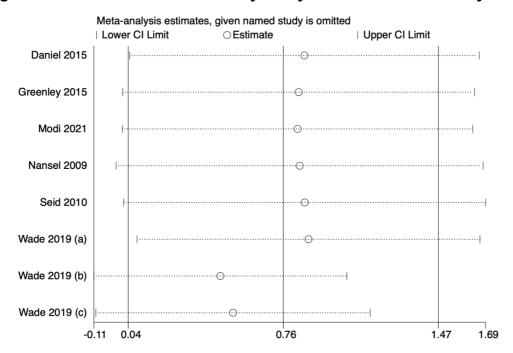
eFigure 4.5 Leave-one-out Sensitivity Analysis for Parenting Stress



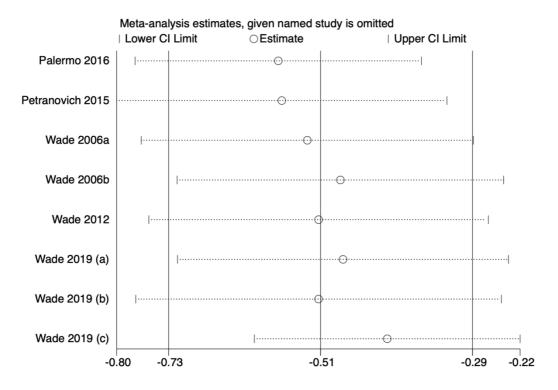
eFigure 4.6 Leave-one-out Sensitivity Analysis for Parental Anxiety



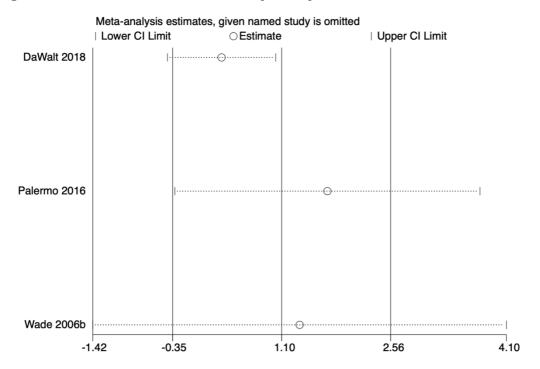
eFigure 4.7 Leave-one-out Sensitivity Analysis for Pediatric Quality of Life



eFigure 4.8 Leave-one-out Sensitivity Analysis for Pediatric Mental Problems



eFigure 4.9 Leave-one-out Sensitivity Analysis for Pediatric Social Functioning



eFigure 4.10 Leave-one-out Sensitivity Analysis for Parent-child Conflict

