

The association between adverse childhood experiences and childhood obesity: A systematic
review

Supporting Information

Figure S1. Search strategy, by database, used on July 7, 2020

PubMed (n=2,590 results)

((("psychological trauma"[MeSH] OR ACE[tiab] OR ACES[tiab] OR "adverse childhood experiences"[MeSH] OR childhood-adversit*[tiab] OR adversit*[tiab] OR childhood-trauma*[tiab] OR adverse-childhood*[tiab] OR exposur*[tiab] OR childhood-experienc*[tiab] OR family-adversit*[tiab] OR trauma*[tiab] OR adverse-family-experienc*[tiab] OR adverse-family-event*[tiab] OR toxic*[tiab] OR toxic-stress*[tiab]))

AND

(obes*[tiab] OR weight*[tiab] OR overweight*[tiab] OR "obesity"[MeSH] OR "pediatric obesity"[MeSH Terms] OR childhood-obesit*[tiab] OR pediatric-obesit*[tiab] OR bmi[tiab] OR waist-circumferenc*[tiab] OR waist-size*[tiab] OR body-mass-index*[tiab] OR "body-mass-index-percentil*" [tiab] OR "BMI percentil*" [tiab] OR "body mass index"[MeSH] OR "body mass*" [tiab] OR "body weight"[MeSH] OR body-weight*[tiab] OR body-fat*[tiab] OR z-score*[tiab] OR adiposit*[tiab] OR weight-problem*[tiab] OR weight-issue*[tiab] OR overeat*[tiab] OR severe-obesit*[tiab] OR (body-fat*[tiab] AND percent*[tiab]))

AND

("child"[MeSH] OR "adolescent"[MeSH] OR child*[tiab] OR adolescen*[tiab] OR teen*[tiab] OR infan*[tiab] OR "infant"[MeSH] OR baby[tiab] OR babies[tiab] OR kid[tiab] OR toddler*[tiab] OR preteen*[tiab] OR pediatric*[tiab] OR "child, preschool"[MeSH] OR newborn*[tiab] OR preschool-child*[tiab] OR "infant, newborn"[MeSH])

NOT

("Animals"[Mesh])

NOT

("Animals"[Mesh] AND "Humans"[Mesh]))

Web of Science (n=2,278)

TS=("psychological trauma*" OR "ACE" OR "ACES" OR "adverse childhood experience*" OR "childhood adversit*" OR "adversit*" OR "childhood trauma*" OR "adverse childhood*" OR exposur* OR "childhood experienc*" OR "family adversit*" OR "adverse family event*" OR "toxic*" OR "toxic stress*")

TS=(obes* OR weight* OR overweight* OR "childhood obesit*" OR "pediatric obesit*" OR bmi OR "waist circumferenc*" OR "waist size*" OR "body mass index*" OR "body mass index percentil*" OR "BMI percentil*" OR "body mass*" OR "body weight*" OR "body fat*" OR "z score*" OR adiposit* OR "weight problem*" OR "weight issue*" OR overeat* OR "severe obesit*" OR "body fat percent*")

AND

TS=(child* OR adolescen* OR teen* OR infan* OR pediatric*)

PsycInfo (n=3,276)

TI ACE OR AB ACE OR TI ACES OR AB ACES OR DE "Childhood Adversity" OR TI childhood-adversit* OR AB childhood-adversit* OR TI adversit* OR AB adversit* OR TI childhood-trauma* OR AB childhood-trauma* OR DE "Emotional Trauma" OR TI adverse-childhood* OR AB adverse-childhood* OR TI exposur* OR AB exposur* OR TI childhood-experienc* OR AB childhood-experienc* OR TI family-adversit* OR AB family-adversit* OR TI trauma* OR AB trauma* OR TI adverse-family-experienc* OR AB adverse-family-

experienc* OR TI adverse-family-event* OR AB adverse-family-event* OR TI toxic* OR AB toxic* OR TI toxic-stress* OR AB toxic-stress*

AND

TI obes* OR AB obes* OR DE "Obesity" OR DE "Overweight" OR TI weight* OR AB weight* OR TI overweight* OR AB overweight* OR TI childhood-obesit* OR AB childhood-obesit* OR TI pediatric-obesit* OR AB pediatric-obesit* OR TI bmi OR AB bmi OR TI waist-circumferenc* OR AB waist-circumferenc* OR TI waist-size* OR AB waist-size* OR TI body-mass-index* OR AB body-mass-index* OR TI body-mass-index-percentil* OR AB body-mass-index-percentil* OR TI "BMI percentil*" OR AB "BMI percentil*" OR DE "Body Mass Index" OR DE "Body Weight" OR DE "Overweight" OR DE "Weight Gain" OR TI "body mass*" OR AB "body mass*" OR TI body-weight* OR AB body-weight* OR DE "Body Fat" OR TI body-fat* OR AB body-fat* OR TI z-score* OR AB z-score* OR TI adiposit* OR AB adiposit* OR TI weight-problem* OR AB weight-problem* OR TI weight-issue* OR AB weight-issue* OR TI severe-obesit* OR AB severe-obesit*

AND

TI child* OR AB child* OR TI adolescen* OR AB adolescen* OR TI teen* OR AB teen* OR TI infan* OR AB infan* OR TI baby OR AB baby OR TI babies OR AB babies OR TI kid OR AB kid OR TI toddler* OR AB toddler* OR TI preteen* OR AB preteen* OR TI pediatric* OR AB pediatric* OR TI newborn* OR AB newborn* OR TI preschool-child* OR AB preschool-child*