# Supplementary Files

## Supplementary File 1: Search strategy in PubMed

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| --- | --- |
| “inter-sectoral” OR “indirect” spill over” OR ”external” OR “societal” OR “criminal justice” OR “education” | “costs” OR “benefits” OR “effects” OR “consequences” OR “burden” OR “impact” |

## Supplementary File 2: Data extraction template for grey literature

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| --- | --- |
| Name (English)  |  |
| Name (national language) |  |
| Short definition (English) |  |
| Short definition (national language) |  |
| Disease area (depression, PTSD, schizophrenia) |  |
| Type of data source (e.g. clinical guideline, federal ministry, association, etc.) |  |
| Source  |  |
| Web URL (if available) |  |
|  |  |

## Supplementary File 3: Scientific literature list

1. **Aebi, M, Giger, J, Plattner, B, et al.** (2014) Problem coping skills, psychosocial adversities and mental health problems in children and adolescents as predictors of criminal outcomes in young adulthood*.* *Eur Child Adolesc Psychiatry* **23**, 283-93.

2. **Alphs, L, Mao, L, Rodriguez, SC, et al.** (2014) Design and rationale of the Paliperidone Palmitate Research in Demonstrating Effectiveness (PRIDE) study: a novel comparative trial of once-monthly paliperidone palmitate versus daily oral antipsychotic treatment for delaying time to treatment failure in persons with schizophrenia*.* *J Clin Psychiatry* **75**, 1388-93.

3. **Barrett, JG and Janopaul-Naylor, E** (2016) Description of a collaborative community approach to impacting juvenile arrests*.* *Psychological Services* **13**, 133-139.

4. **Batastini, AB, Bolanos, AD, and Morgan, RD** (2014) Attitudes toward hiring applicants with mental illness and criminal justice involvement: The impact of education and experience*.* *International Journal of Law and Psychiatry* **37**, 524-533.

5. **Bauer, A, Pawlby, S, Plant, DT, et al.** (2015) Perinatal depression and child development: exploring the economic consequences from a South London cohort*.* *Psychol Med* **45**, 51-61.

6. **Beecham, J** (2014) Annual research review: Child and adolescent mental health interventions: A review of progress in economic studies across different disorders*.* *Journal of Child Psychology and Psychiatry* **55**, 714-732.

7. **Betancourt, TS, McBain, R, Newnham, EA, et al.** (2014) A behavioral intervention for war-affected youth in Sierra Leone: a randomized controlled trial*.* *J Am Acad Child Adolesc Psychiatry* **53**, 1288-97.

8. **Bowman, S, McKinstry, C, and McGorry, P** (2017) Youth mental ill health and secondary school completion in Australia: time to act*.* *Early Interv Psychiatry* **11**, 277-289.

9. **Charette, Y, Crocker, AG, and Billette, I** (2014) Police encounters involving citizens with mental illness: use of resources and outcomes*.* *Psychiatr Serv* **65**, 511-6.

10. **Christ, C, de Waal, MM, van Schaik, DJF, et al.** (2018) Prevention of violent revictimization in depressed patients with an add-on internet-based emotion regulation training (iERT): study protocol for a multicenter randomized controlled trial*.* *BMC Psychiatry* **18**, 29.

11. **Cowell, AJ, Hinde, JM, Broner, N, and Aldridge, AP** (2013) The impact on taxpayer costs of a jail diversion program for people with serious mental illness*.* *Eval Program Plann* **41**, 31-7.

12. **Dodge, KA, Bierman, KL, Coie, JD, et al.** (2015) Impact of early intervention on psychopathology, crime, and well-being at age 25*.* *Am J Psychiatry* **172**, 59-70.

13. **Drost, RM, Paulus, AT, Ruwaard, D, and Evers, SM** (2017) Valuing inter-sectoral costs and benefits of interventions in the healthcare sector: methods for obtaining unit prices*.* *Expert Rev Pharmacoecon Outcomes Res* **17**, 77-84.

14. **Duffy, SL, Paradise, M, Hickie, IB, et al.** (2014) Cognitive impairment with and without depression history: an analysis of white matter microstructure*.* *J Psychiatry Neurosci* **39**, 135-43.

15. **Dukhovny, D, Dennis, CL, Hodnett, E, et al.** (2013) Prospective economic evaluation of a peer support intervention for prevention of postpartum depression among high-risk women in Ontario, Canada*.* *Am J Perinatol* **30**, 631-42.

16. **Evensen, S, Wisloff, T, Lystad, JU, et al.** (2016) Prevalence, Employment Rate, and Cost of Schizophrenia in a High-Income Welfare Society: A Population-Based Study Using Comprehensive Health and Welfare Registers*.* *Schizophr Bull* **42**, 476-483.

17. **Fineberg, NA, Haddad, PM, Carpenter, L, et al.** (2013) The size, burden and cost of disorders of the brain in the UK*.* *Journal of psychopharmacology (Oxford, England)* **27**, 761-770.

18. **Greenberg, MT and Lippold, MA** (2013) Promoting healthy outcomes among youth with multiple risks: innovative approaches*.* *Annu Rev Public Health* **34**, 253-70.

19. **Herman, PM, Mahrer, NE, Wolchik, SA, et al.** (2015) Cost-benefit analysis of a preventive intervention for divorced families: reduction in mental health and justice system service use costs 15 years later*.* *Prev Sci* **16**, 586-596.

20. **Jacobs, P, Moffatt, J, Dewa, CS, et al.** (2016) Mental health services costs within the Alberta criminal justice system*.* *Int J Law Psychiatry* **47**, 102-8.

21. **Johnson, JE, Miller, TR, Stout, RL, et al.** (2016) Study protocol: Hybrid Type I cost-effectiveness and implementation study of interpersonal psychotherapy (IPT) for men and women prisoners with major depression*.* *Contemporary clinical trials* **47**, 266-274.

22. **Karni-Vizer, N and Salzer, MS** (2016) Verbal violence experiences of adults with serious mental illnesses*.* *Psychiatr Rehabil J* **39**, 299-304.

23. **Kennedy, JL, Altar, CA, Taylor, DL, et al.** (2014) The social and economic burden of treatment-resistant schizophrenia: a systematic literature review*.* *Int Clin Psychopharmacol* **29**, 63-76.

24. **Kessler, RC and Bromet, EJ** (2013) The epidemiology of depression across cultures*.* *Annu Rev Public Health* **34**, 119-138.

25. **Khalifeh, H, Moran, P, Borschmann, R, et al.** (2015) Domestic and sexual violence against patients with severe mental illness*.* *Psychol Med* **45**, 875-86.

26. **Law, WC, McClanahan, R, and Weismuller, PC** (2017) Depression Screening in the School Setting: Identification of the Depressed Adolescent*.* *NASN Sch Nurse* **32**, 364-370.

27. **Lin, I, Muser, E, Munsell, M, et al.** (2015) Economic impact of psychiatric relapse and recidivism among adults with schizophrenia recently released from incarceration: a Markov model analysis*.* *J Med Econ* **18**, 219-29.

28. **Lowder, EM, Desmarais, SL, and Baucom, DJ** (2016) Recidivism following mental health court exit: Between and within-group comparisons*.* *Law Hum Behav* **40**, 118-27.

29. **Mrazek, DA, Hornberger, JC, Altar, CA, and Degtiar, I** (2014) A review of the clinical, economic, and societal burden of treatment-resistant depression: 1996-2013*.* *Psychiatr Serv* **65**, 977-87.

30. **Papalia, NL, Luebbers, S, Ogloff, JR, et al.** (2017) The long-term co-occurrence of psychiatric illness and behavioral problems following child sexual abuse*.* *Aust N Z J Psychiatry* **51**, 604-613.

31. **Patchan, K, Vyas, G, Hackman, AL, et al.** (2018) Clozapine in Reducing Aggression and Violence in Forensic Populations*.* *Psychiatr Q* **89**, 157-168.

32. **Mercedes Perez-Rodriguez, M, Mahon, K, Russo, M, et al.** (2015) Oxytocin and social cognition in affective and psychotic disorders*.* *European neuropsychopharmacology : the journal of the European College of Neuropsychopharmacology* **25**, 265-282.

33. **Robertson, AG, Swanson, JW, Frisman, LK, et al.** (2014) Patterns of justice involvement among adults with schizophrenia and bipolar disorder: key risk factors*.* *Psychiatr Serv* **65**, 931-8.

34. **Robertson, AG, Swanson, JW, Lin, H, et al.** (2015) Influence of Criminal Justice Involvement and Psychiatric Diagnoses on Treatment Costs Among Adults With Serious Mental Illness*.* *Psychiatr Serv* **66**, 907-9.

35. **Robertson, AG, Swanson, JW, Van Dorn, RA, and Swartz, MS** (2014) Treatment participation and medication adherence: effects on criminal justice costs of persons with mental illness*.* *Psychiatr Serv* **65**, 1189-91.

36. **Shearer, J, McCrone, P, and Romeo, R** (2016) Economic evaluation of mental health interventions: a guide to costing approaches*.* *PharmacoEconomics* **34**, 651-664.

37. **Swanson, JW, Frisman, LK, Robertson, AG, et al.** (2013) Costs of criminal justice involvement among persons with serious mental illness in connecticut*.* *Psychiatr Serv* **64**, 630-7.

38. **Trofimovs, J and Dowse, L** (2014) Mental health at the intersections: the impact of complex needs on police contact and custody for Indigenous Australian men*.* *Int J Law Psychiatry* **37**, 390-8.

39. **van der Stouwe, EC, de Vries, B, Aleman, A, et al.** (2016) BEATVIC, a body-oriented resilience training with elements of kickboxing for individuals with a psychotic disorder: study protocol of a multi-center RCT*.* *BMC Psychiatry* **16**, 227.

40. **Van Dorn, RA, Desmarais, SL, Petrila, J, et al.** (2013) Effects of outpatient treatment on risk of arrest of adults with serious mental illness and associated costs*.* *Psychiatr Serv* **64**, 856-62.

41. **Veeh, CA, Tripodi, SJ, Pettus-Davis, C, and Scheyett, AM** (2018) The interaction of serious mental disorder and race on time to reincarceration*.* *Am J Orthopsychiatry* **88**, 125-131.

42. **Wahlstrom, LC, Scott, JP, Tuliao, AP, et al.** (2015) Posttraumatic stress disorder symptoms, emotion dysregulation, and aggressive behavior among incarcerated methamphetamine users*.* *J Dual Diagn* **11**, 118-27.

43. **Wansink, HJ, Drost, R, Paulus, ATG, et al.** (2016) Cost-effectiveness of preventive case management for parents with a mental illness: a randomized controlled trial from three economic perspectives*.* *BMC Health Serv Res* **16**, 228.

44. **Woods, SB, Farineau, HM, and McWey, LM** (2013) Physical health, mental health, and behaviour problems among early adolescents in foster care*.* *Child Care Health Dev* **39**, 220-7.

45. **Yampolskaya, S and Chuang, E** (2012) Effects of mental health disorders on the risk of juvenile justice system involvement and recidivism among children placed in out-of-home care*.* *American Journal of Orthopsychiatry* **82**, 585-593.