

Tables and figures

Table 1. Characteristics of included studies

Study	N (IPS versus control(s))	Comparison group*	N sites	Country	Follow-up assessment	Drop-out	Age (M(SD))	Primary diagnosis	IPS fidelity score*	Outcomes
1. Bejerholm 2014	60-60	Traditional vocational rehabilitation (A)	6	Sweden	18 months	27.5%	38.0 (8.0)	1. Schizophrenia and other psychosis: 64.7% 2. Bipolar disorder: 7.6% 3. Other diagnoses: 27.7%	IPS 25-item scale: 6 months: 110 (G) 12 months: 115 (E) 18 months: 117 (E)	1. Competitive employment rate 2. Job duration
2. Bejerholm 2017	33-28	Traditional vocational rehabilitation (A)	4	Sweden	6 & 12 months	4.9%	41.0 (11.0)	1. Depression: 68.9% 2. Bipolar disorder: 31.2%	IPS 25-item scale: 12 months: 106 (G)	1. Competitive employment rate 2. Job duration
3. Bond 2007	96-98	Diversified placement approach (A)	2	USA	24 months	25.3%	38.8 (9.6)	1. Schizophrenia: 39.0% 2. Schizoaffective disorder: 17.1% 3. Depression: 17.1% 4. Bipolar disorder: 24.1% 5. Other diagnoses: 2.7%	IPS 15-item scale: Endpoint: 72 (E)	1. Competitive employment rate 2. Job duration
4. Bond 2015	45-45	Work Choice (A)	2	USA	12 months	5.6%	43.8 (11.5)	1. Schizophrenia: 52.9% 2. Depression: 18.4% 3. Bipolar: 25.3% 4. Other diagnoses: 3.5%	IPS 25-item scale: Good fidelity (exact scores not reported)	1. Competitive employment rate 2. Job duration

5. Burns 2007	156-156	Vocational service (A)	6	Bulgaria / Germany/ Italy/ Netherlands/ Switzerland/ UK	18 months	19.2%	37.8 (9.9)	1. Schizophrenia /schizoaffective disorder: 80.3% 2. Bipolar disorder: 16.5% 3. Other psychotic disorders: 3.2%	IPS 15-item scale: Endpoint: 65 (G)	1. Competitive employment rate 2. Job duration
6. Christensen 2019	243-239	SAU (vocational rehabilitation) (A)	5	Denmark	18 months	27.0%	33.1 (10.1)	1. Schizophrenia spectrum disorder: 76.8% 2. Bipolar disorder: 11.8% 3. Recurrent depression: 11.4%	IPS 25-item scale: Fidelity score range between IPS programs: 75-101 (fair to good fidelity)	1. Competitive employment rate 2. Job duration 3. Wages
7. Davis 2012	42-43	Standard VA Vocational Rehabilitation Program (A)	1	USA	12 months	16.5%	40.2 (12.1)	Post-traumatic stress disorder: 100%	IPS 15-item scale: Study period: 61 (F)	1. Competitive employment rate 2. Job duration 3. Wages
8. Davis 2018	271-270	Transitional work program (A)	12	USA	2.3; 4.6; 6.9; 9.2; 11.5; 13.8; 16.2 & 18 months	19.2%	42.2 (11.0)	Post-traumatic stress disorder: 100%	IPS 15-item scale: Study period: 63-69 (Fair to Good)	1. Competitive employment rate 2. Job duration 3. Wages
9. Drake 1996	74-69	Group Skills Training (A)	2	USA	18 months	2.1%	37.0 (9.5)	1. Schizophrenia or a related psychotic disorder: 46.9% 2. bipolar or other severe mood disorder: 42.7% 3. Other diagnoses: 10.5%	Fidelity scale and assessment score unclear and not reported	1. Competitive employment rate 2. Job duration 3. Wages
10. Drake 1999	76-76	Enhanced vocational rehabilitation (A)	1	USA	18 & 24 months	1.3%	39.4 (7.1)	1. Schizophrenia spectrum disorder: 67.1% 2. Bipolar disorder: 13.8%	IPS 15-item scale: Exact scores and ratings not reported	1. Competitive employment rate 2. Job duration 3. Wages

								3. Depressive disorder: 16.5% 4. Other Axis I disorder: 2.6%		
11. Drake 2013	1121-1117	Care as usual (P)	23	USA	18 & 24 months	8.2%	43.5 (NR*)	1. Schizophrenia: 29.7% 2. Affective disorder: 70.3%	IPS 15-item scale: Percentage of IPS programs with good fidelity: Year 1: 77% Year 2: 86% Year 3: 98%	1. Competitive employment rate 2. Job duration 3. Wages
12. Erickson 2020	56-53	Treatment as Usual (P)	12	Canada	6 & 12 months	9.2%	23.1 (3.4)	1. Schizophrenia: 37.6% 2. Schizophreniform disorder: 4.6% 3. Schizoaffective disorder: 8.3% 4. Bipolar disorder: 18.4% 5. Major depression: 9.2% 6. Psychosis NOS: 15.6% 7. Substance induced psychosis: 4.6% 8. Delusional disorder: 0.9% 9. Aspergers syndrome: 0.9%	IPS 25-item scale: 1 year: 100 (G) 2 year: 110 (G)	1. Competitive employment rate 2. Job duration
13. Gold 2006	66-77	Supported Employment Program (A)	1	USA	24 months	24.5%	35.5 (NR*)	1. Schizophrenia spectrum disorder: 68.5% 2. Mood disorder: 31.5%	IPS 15-item scale: Study period: 69 (G)	Competitive employment rate

14. Hellström 2017	162-164	Job Center services as usual (A)	NR*	Denmark	12 & 24 months	29.8%	35.0 (10.5)	1. Depression: 69.0% 2. Phobic anxiety: 7.7% 3. Other anxiety: 12.0% 4. Bipolar disorder: 11.4%	IPS-MA 21-item fidelity score: Score 102 out of 105	Job duration
15. Howard 2010	109-110	Treatment as Usual (P)	2	United Kingdom (UK)	12 & 24 months	13.7%	38.3 (9.4)	1. Psychotic disorder: 72.5% 2. Mood disorder: 27.5%	IPS 15-item scale: Study period: 68 (G)	Competitive employment rate
16. Hoffmann 2012	46-54	Traditional vocational rehabilitation programs (A)	1	Switzerland	24 & 60 months	12.0%	33.8 (9.4)	1. Schizophrenia spectrum disorder: 38.0% 2. Affective disorder: 41.0% 3. Other diagnosis: 21.0%	IPS 15-item scale: Study period: 66-68 (G)	1. Competitive employment rate 2. Job duration 3. Wages
17. Killackey 2008	20-21	Treatment as Usual (P)	1	Australia	6 months	0.0%	21.4 (2.3)	Schizophrenia- spectrum disorder: 100%	IPS 15-item scale: Study period: 68 (G)	1. Competitive employment rate 2. Job duration 3. Wages
18. Killackey 2019	73-73	Treatment as Usual (P)	1	Australia	18 months	13.0%	20.4 (2.4)	1. Schizophreni- form/schizophrenia: 43.8% 2. Schizoaffective disorder: 13.0% 3. Major depressive disorder, psychotic features: 11.6% 4. Bipolar disorder: 13.7% 5. Psychosis NOS: 11.6%	IPS 25-item scale: Good fidelity (exact scores not reported)	Competitive employment rate

								6. Other diagnoses: 6.2%		
19. Latimer 2006	75-75	Usual services (P)	1	Canada	12 months	16.7%	40.2 (10.0)	1. Schizoaffective disorder: 16.8% 2. Other schizophrenia spectrum disorders: 59.1% 3. Bipolar disorder: 20.1% 4. Other diagnoses: 4.0%	IPS 15-item scale: Study period: 71 (E)	1. Competitive employment rate 2. Job duration 3. Wages
20. Lones 2017	22-23	Waitlist plus treatment as usual (P)	1	USA	6 & 12 months	22.2%	37.1 (10.6)	Moderate-to-severe opioid use disorder: 100%	IPS 25-item scale: Study period: 85 (F)	1. Competitive employment rate 2. Job duration 3. Wages
21. Michon 2014	71-80	Traditional Vocational Rehabilitation (A)	4	Netherlands	6; 18 & 30 months	43.1%	34.9 (10.5)	1. Psychotic disorder: 54.3% 2. Other diagnoses: 45.7%	Quality of Supported Employment Implementation Scale (QSEIS): 2 IPS programs Good fidelity; 2 IPS programs Fair fidelity	Competitive employment rate
22. Mueser 2001	68-67-69	1. Psychiatric Rehabilitation Center (A) 2. Standard Services (P)	1	USA	24 months	18.6%	41.2 (9.2)	1. Schizophrenia: 53.4% 2. Schizoaffective disorder: 21.1% 3. Major depression: 17.2% 4. Bipolar disorder: 4.9% 5. Personality disorder: 1.0% Other diagnoses: 2.5%	IPS 15-item scale: Study period: 71 (G)	1. Competitive employment rate 2. Job duration 3. Wages

23. Oshima 2014	18-19	Conventional vocational rehabilitation (A)	1	Japan	6 months	0.0%	40.6 (8.9)	NR*	IPS 15-item scale: Study period: 68 (G)	1. Competitive employment rate 2. Job duration 3. Wages
24. Poremski 2015	45-45	Treatment as Usual (P)	1	Canada	8 months	5.6%	46.2 (10.0)	1. Major depressive disorder: 64.4% 2. Psychotic disorder: 22.2% 3. Panic disorder: 5.6% 4. Mania-hypomania: 4.4% 5. Post-traumatic stress disorder: 3.3%	IPS 25-item scale: Study period: 100 (G)	1. Competitive employment rate 2. Wages
25. Reme 2019	229-181	High quality treatment as usual (A)	6	Norway	12 & 18 months	0.5%	35.0 (10.8)	1. Psychotic disorder: 27.1% 2. Bipolar disorder: 13.9% 3. Major depression: 40.0% 4. Anxiety disorder: 40.5% 5. Alcohol / drug abuse: 18.3% 6. Other diagnosis: 8.3%	IPS 25-item scale: Good fidelity (exact scores not reported)	Competitive employment rate
26. Tsang 2009	65-58-66	1. Traditional vocational rehabilitation (A) 2. Integrated supported employment (A)	5	Hong Kong	7; 11; 15; 21; 21; 27; 33 & 39 months	31.8%	34.9 (8.5)	1. Schizophrenia: 76.7% 2. Other diagnoses: 23.3%	IPS 15-item scale: Study period: 65-68 (G)	1. Competitive employment rate 2. Wages
27. Twamley 2012	30-28	Conventional vocational rehabilitation (P)	1	USA	12 months	20.7%	51.0 (4.3)	1. Schizophrenia: 39.7%	IPS 15-item scale: Study period: 63 (F)	Competitive employment rate

								2. Schizoaffective disorder: 60.3%		
28. Viering 2015	127-123	Other vocational services (P)	1	Switzerland	24 months	31.6%	42.6 (10.6)	1. Mood affective disorder: 47.2% 2. Schizophrenia/schizoaffective disorder: 15.6% 3. Personality disorder: 17.2% 4. Other diagnoses: 18.0%	IPS 15-item scale: Study period: 61 (F)	1. Competitive employment rate 2. Job duration
29. Waghorn 2014	106-102	Non-integrated forms of supported employment (A)	5	Australia	12 months	44.2%	32.4 (8.9)	1. Psychotic disorder: 80.8% 2. Bipolar disorder: 8.2% 3. Major depression or anxiety disorder: 6.3%	IPS 15-item scale: Study period: 69 (G)	1. Competitive employment rate 2. Job duration
30. Wong 2008	46-46	Conventional vocational rehabilitation (A)	1	Hong Kong	6; 12 & 18 months	1.1%	33.6 (9.2)	1. Schizophrenia spectrum disorder; 69.6% 2. Affective disorder: 18.5% 3. Other diagnoses: 12.0%	IPS 15-item scale: Study period: 69 (G)	1. Competitive employment rate 2. Job duration 3. Wages
31. Zhang 2017	54-54-54	Traditional Vocational Rehabilitation (P)	1	China	15 months	NR*	32.8 (8.3)	Schizophrenia: 100%	IPS 15-item scale: Study period: 67 (G)	Competitive employment rate

*A = active control group; E = excellent fidelity; F = Fair fidelity; G = good fidelity; NR = Not Reported; P = Passive control group;