

Supplementary table 1 Mean use of service over the 12-month follow-up period

Service category	Service type	CR+SE group (n=45)		TVS group (n=47)	
		Mean	s.d.	Mean	s.d.
Medical services	Inpatient stay (nights)	2.3	(10.2)	16.5	(50.9)
	Outpatient appointments (number)	18.7	(12.0)	16.1	(9.1)
	Psychiatric day-care including short-care (number)	17.0	(24.9)	0.4	(1.3)
Community services in SSPDA	Employment Support Offices for people with disabilities (number)	27.5	(42.6)	27.2	(51.1)
	Sheltered work: over minimum wage (number)	7.9	(31.5)	4.5	(28.5)
	Sheltered work: under minimum wage (number)	1.5	(10.0)	12.4	(39.8)
	Community rehabilitation service (number)	6.0	(29.6)	1.3	(8.9)
	Community consultation support (number)	2.8	(15.3)	0.6	(3)
	Community activity support center (hour)	31.9	(136.7)	43.4	(118.5)
	Accommodation (nights)	29.4	(96.7)	8.0	(53.2)
Services from public sectors	Employment services in local community office (hour)	0.0	-	4.7	(14.3)
	Services related to living support from public sector (hours)	1.5	(4.0)	3.1	(8.4)
	Services related to employment from public sector (hours)	4.8	(9.5)	4.9	(11.6)
Other	Employment and living support centers for people with disabilities (hour)	1.2	(3.8)	6.7	(30.3)
	brokerage model of care management (hours)	0.0	-	13.4	(5.9)
	Practical work services (number)	3.2	(16.3)	0.0	-

CR+SE: cognitive remediation and supported employment, TVS: traditional vocational services

SSPDA: the Services and Supports for Persons with Disabilities Act

Supplementary table 2 Monthly costs of cognitive remediation and supported employment (CR+SE): intervention group: (\$1 = Japanese Yen 119: 1st September 2015)

Item		1st M	2nd M	3rd M	4th M	5th M	6th M	7th M	8th M	9th M	10th M	11th M	12th M	Total
Total cost	Mean	\$775	\$795	\$831	\$863	\$937	\$1,084	\$1,025	\$862	\$747	\$668	\$599	\$636	\$9,823
	SD	(590)	(589)	(588)	(648)	(687)	(1200)	(1343)	(709)	(532)	(590)	(600)	(632)	(6372)
Medical services	Mean	\$324	\$299	\$314	\$283	\$307	\$506	\$469	\$327	\$284	\$265	\$272	\$284	\$3,934
	SD	(294)	(206)	(240)	(224)	(300)	(1099)	(1291)	(472)	(282)	(305)	(281)	(302)	(3655)
- Outpatient care	Mean	\$100	\$96	\$95	\$83	\$75	\$71	\$78	\$64	\$73	\$62	\$55	\$66	\$917
	SD	(78)	(71)	(69)	(83)	(88)	(73)	(93)	(63)	(90)	(57)	(42)	(52)	(725)
- Inpatient care	Mean	\$0	\$0	\$0	\$0	\$8	\$237	\$195	\$66	\$0	\$18	\$16	\$20	\$560
	SD	-	-	-	-	(57)	(1127)	(1310)	(439)	-	(120)	(105)	(133)	(2765)
- Medication	Mean	\$223	\$203	\$219	\$201	\$223	\$198	\$195	\$198	\$211	\$186	\$201	\$198	\$2,457
	SD	(254)	(182)	(223)	(178)	235	(209)	(192)	(206)	(237)	(224)	(225)	(218)	(2361)
Interventions	Mean	\$332	\$380	\$401	\$432	\$471	\$407	\$389	\$408	\$318	\$252	\$184	\$227	\$4,202
	SD	(356)	(391)	(426)	(453)	480	(463)	(451)	(495)	(361)	(360)	(275)	(346)	(3724)
- Cognitive remediation	Mean	\$310	\$359	\$366	\$267	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,352
	SD	(364)	(399)	(440)	(394)	(200)	-	-	-	-	-	-	-	(1352)
- Supported employment	Mean	\$22	\$22	\$35	\$165	\$421	\$407	\$389	\$408	\$318	\$252	\$184	\$227	\$2,850
	SD	(49)	(69)	(90)	(302)	(478)	(463)	(451)	(495)	(361)	(360)	(275)	(346)	(2741)
Other social services	Mean	\$119	\$116	\$116	\$148	\$159	\$172	\$168	\$127	\$145	\$151	\$144	\$125	\$1,687
	SD	(327)	(345)	(309)	(389)	(391)	(426)	(411)	(294)	(309)	(337)	(345)	(333)	(3647)
- Sheltered workshop: over minimum wage	Mean	\$0	\$0	\$6	\$16	\$19	\$32	\$37	\$40	\$62	\$62	\$59	\$35	\$368
	SD	-	-	(41)	(111)	(118)	(151)	(174)	(189)	(234)	(237)	(224)	(155)	(1462)
- Sheltered workshop: under minimum wage	Mean	\$0	\$6	\$6	\$18	\$21	\$19	\$15	\$0	\$0	\$0	\$0	\$0	\$86
	SD	-	(43)	(43)	(121)	(138)	(130)	(104)	-	-	-	-	-	(580)
- Other community services	Mean	\$53	\$49	\$41	\$51	\$51	\$43	\$36	\$31	\$29	\$39	\$28	\$38	\$491
	SD	(235)	(226)	(218)	(206)	(224)	(158)	(138)	(112)	(136)	(150)	(116)	(155)	(1909)
- Other services from public sections	Mean	\$8	\$4	\$6	\$6	\$12	\$12	\$11	\$13	\$15	\$7	\$17	\$12	\$125
	SD	(19)	(11)	(20)	(12)	(22)	(26)	(27)	(27)	(38)	(20)	(58)	(38)	(199)
- Accommodation	Mean	\$57	\$56	\$56	\$56	\$56	\$66	\$67	\$43	\$39	\$43	\$39	\$39	\$617
	SD	(208)	(203)	(205)	(205)	(205)	(248)	(254)	(172)	(171)	(174)	(173)	(173)	(2255)

Supplementary table 3 Monthly costs of traditional vocational service (TVS): control group: (\$1 = Japanese Yen 119: 1st September 2015)

Item		1st M	2nd M	3rd M	4th M	5th M	6th M	7th M	8th M	9th M	10th M	11th M	12th M	Total
Total cost	Mean	\$554	\$682	\$896	\$994	\$988	\$1,112	\$846	\$875	\$1,197	\$1,109	\$989	\$819	\$11,063
	SD	(545)	(723)	(1493)	(1725)	(1480)	(1608)	(1122)	(1392)	(2396)	(2209)	(1907)	(1132)	(11263)
Medical services	Mean	\$269	\$295	\$541	\$632	\$587	\$701	\$426	\$550	\$809	\$736	\$627	\$443	\$6,616
	SD	(254)	(396)	(1450)	(1694)	(1441)	(1607)	(1042)	(1363)	(2407)	(2219)	(1900)	(1083)	(10646)
- Outpatient care	Mean	\$70	\$68	\$69	\$59	\$68	\$68	\$63	\$56	\$60	\$49	\$62	\$62	\$755
	SD	(76)	(52)	(51)	(50)	(72)	(57)	(76)	(54)	(61)	(43)	(61)	(71)	(557)
- Inpatient care	Mean	\$0	\$42	\$280	\$411	\$353	\$437	\$174	\$295	\$550	\$505	\$331	\$200	\$3,578
	SD	-	(287)	(1469)	(1731)	(1476)	(1528)	(909)	(1351)	(2446)	(2252)	(1915)	(1080)	(9920)
- Medication	Mean	\$198	\$185	\$191	\$163	\$166	\$196	\$189	\$199	\$199	\$183	\$234	\$181	\$2,283
	SD	(238)	(205)	(195)	(182)	(185)	(269)	(261)	(251)	(227)	(231)	(320)	(219)	(2437)
Interventions	Mean	\$131	\$258	\$247	\$260	\$308	\$297	\$282	\$197	\$240	\$246	\$238	\$211	\$2,915
	SD	(372)	(572)	(493)	(532)	(551)	(498)	(457)	(396)	(453)	(467)	(470)	(421)	(4398)
- Cognitive remediation	Mean	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	SD	-	-	-	-	-	-	-	-	-	-	-	-	-
- Supported employment	Mean	\$131	\$258	\$247	\$260	\$308	\$297	\$282	\$197	\$240	\$246	\$238	\$211	\$2,915
	SD	(372)	(572)	(493)	(532)	(551)	(498)	(457)	(396)	(453)	(467)	(470)	(421)	(4398)
Other social services	Mean	\$155	\$130	\$108	\$103	\$93	\$114	\$137	\$127	\$148	\$126	\$124	\$166	\$1,532
	SD	(319)	(266)	(235)	(255)	(229)	(254)	(300)	(247)	(310)	(292)	(275)	(352)	(2961)
- Sheltered workshop: over minimum wage	Mean	\$5	\$15	\$11	\$19	\$12	\$18	\$28	\$16	\$24	\$13	\$13	\$37	\$210
	SD	(34)	(101)	(74)	(129)	(81)	(122)	(189)	(108)	(162)	(91)	(91)	(160)	(1320)
- Sheltered workshop: under minimum wage	Mean	\$64	\$68	\$42	\$41	\$41	\$47	\$57	\$55	\$67	\$70	\$73	\$84	\$709
	SD	(218)	(212)	(185)	(190)	(185)	(190)	(207)	(194)	(239)	(248)	(244)	(298)	(2287)
- Other community services	Mean	\$25	\$21	\$25	\$21	\$18	\$25	\$27	\$25	\$18	\$16	\$14	\$15	\$249
	SD	(108)	(89)	(84)	(65)	(47)	(83)	(93)	(74)	(51)	(52)	(37)	(49)	(684)
- Other services from public sections	Mean	\$46	\$12	\$15	\$7	\$7	\$9	\$9	\$8	\$16	\$12	\$9	\$15	\$165
	SD	(172)	(26)	(26)	(19)	(20)	(34)	(27)	(21)	(37)	(42)	(23)	(41)	(309)
- Accommodation	Mean	\$15	\$15	\$15	\$15	\$15	\$15	\$16	\$23	\$23	\$15	\$15	\$14	\$199
	SD	(106)	(103)	(106)	(103)	(106)	(106)	(103)	(117)	(115)	(106)	(106)	(96)	(1251)