

Variable	Measure	Baseline	3-month follow-up	6-month follow-up	12-month follow-up
Functional ability	BICRO	x	x	x	x
Mood	HADS	x	x	x	x
Health related QoL	EQ-5D	x	x	x	x
Functional ability	NEADL	-	-	-	-
Injury severity	GCS	x	-	-	-
Work competence	WPAI	x	x	x	x

Dataset 1 – 94 participants (table 1)

Variable	Measure	Baseline	3-month follow-up	6-month follow-up	12-month follow-up
Functional ability	BICRO	-	-	-	-
Mood	HADS	x	x	x	x
Health related QoL	EQ-5D	x	x	x	x
Functional ability	NEADL	x	x	x	x
Injury severity	GCS	x	-	-	-
Work competence	WPAI	x	x	x	x

Dataset 2 – 78 participants (table 2)

Return to Work Metrics		
Metric	Question used to elicit information	Categories
<b>Primary outcome (RTW after TBI) and Vocational Status</b>	Are you currently in work or education?	Yes/No
<b>Working hours</b>	How many hours do you work per week? Are you working full or part time? Are you currently working the same hours as before your brain injury? If no, do you work more or fewer hours compared to before your brain injury?	x number of hours Full-time employment, part-time employment Yes/No More/Fewer
<b>Time Taken to Return</b>	What date did you return to work?	Date of brain injury Date of return to work
<b>Financial Factors</b>	What is your monthly income?	Less Than £800 £800 to £1,600 £1,601 to £2,500 £2,501 to £3,250 £3,251 to £4,150 £4,151 or more

<b>Job Satisfaction</b>	Are you enjoying your job/course compared with before your injury?	Yes/No
<b>Roles and Responsibilities</b>	If you are now working or in education, please tick <u>any</u> of the following statements that apply:	I am with the same employer/university, doing the same job/course. Same employer/university, different job/course. Different employer/university, same job/course. Different employer/university, different job/course.
<b>Workplace Adjustments</b>	Has your employer or tutor made any adjustments for you?  If yes, please complete the following:	Yes/No Allowed you to take more breaks? Reduced the amount of work you have to do? Reduced your responsibilities? Provided more supervision or support? Allowed you to work at home? Used any outside help for you, e.g. governmental schemes?

Table 3: RTW metrics

Characteristic	Mild TBI; GCS 13-15 ( <i>n</i> =81)	Moderate TBI; GCS 9-12 ( <i>n</i> =29)	Severe TBI; GCS ≤8 ( <i>n</i> =57)	Severity not known ( <i>n</i> =5)	Overall ( <i>n</i> =172)
Intervention arm					
• Usual care	46 (56.8)	13 (44.8)	32 (56.1)	2 (40)	93 (54.1)
• Vocational rehabilitation	35 (43.2)	16 (55.2)	25 (43.9)	3 (60)	79 (45.9)
Sex					
• Male	62 (76.5)	22 (75.9)	54 (94.7)	5 (100)	143 (83.1)
• Female	19 (23.5)	7 (24.1)	3 (5.3)	0 (0)	29 (16.9)
Age (years), mean (SD)	38.8 (13.4)	33.9 (13.5)	34.4 (13.9)	49.6 (13.2)	36.8 (13.8)
Cause of injury					
• Fall	34 (42)	10 (34.5)	16 (28.1)	4 (80)	64 (37.2)
• RTA	27 (33.3)	14 (48.3)	26 (45.6)	0 (0)	67 (38.9)
• Assault	14 (17.3)	5 (17.2)	14 (24.6)	1 (20)	34 (19.8)
• Other	6 (7.4)	0 (0)	1 (1.8)	0 (0)	7 (4.1)
Ethnic origin					
• White	75 (92.6)	25 (86.2)	55 (96.5)	5 (100)	160 (93)
• Asian	2 (2.5)	1 (3.4)	0 (0)	0 (0)	3 (1.7)
• Black	2 (2.5)	1 (3.4)	1 (1.8)	0 (0)	4 (2.3)
• Other	2 (2.5)	2 (6.9)	1 (1.8)	0 (0)	5 (2.9)

Table 4: Demographics for TBI participants by injury severity and overall; frequency (%) unless otherwise stated

Injury severity	3 months	6 months	12 months
Mild	55/81 (67.9%)	56/81 (69.1%)	51/81 (63%)
Moderate/Severe	45/86 (52.3%)	48/86 (55.8%)	42/86 (48.8%)

Table 5: Self-reported work status at 3, 6, and 12 months.



Figure 1: self-reported workplace accommodations.

Injury severity	3 months	6 months	12 months
Mild	34/55 (61.8%)	36/56 (64.3%)	35/51 (68.6%)
Moderate/severe	26/45 (57.8%)	26/48 (54.2%)	22/42 (52.4%)

Table 6: Self-reported enjoyment of work at 3, 6, and 12-month follow-up.

	<i>B</i>	<i>S.E</i>	<i>Wald</i>	<i>df</i>	<i>Sig.</i>	<i>Odds ratio</i>	<i>95% for C.I for Odds Ratio</i>	
							<i>Lower C.I</i>	<i>Upper C.I</i>
<i>Functional ability</i>	.586	.199	8.650	1	.003	1.796	1.216	2.65
<i>Depression</i>	-.236	.169	1.933	1	.164	.790	.567	1.10
<i>Anxiety</i>	.377	.171	4.829	1	.028	1.457	1.042	2.03
<i>Health QoL</i>	.095	.041	5.348	1	.021	1.100	1.015	1.19
<i>Constant</i>	-21.61	6.755	10.237	1	.001	.000		

Table 7: Logistic Regression Predicting Likelihood of complete return to work based on Functional Ability, Depression, Anxiety, and Health-QoL

Figure 2: *Relationship between type of rehabilitation and complete return to work*

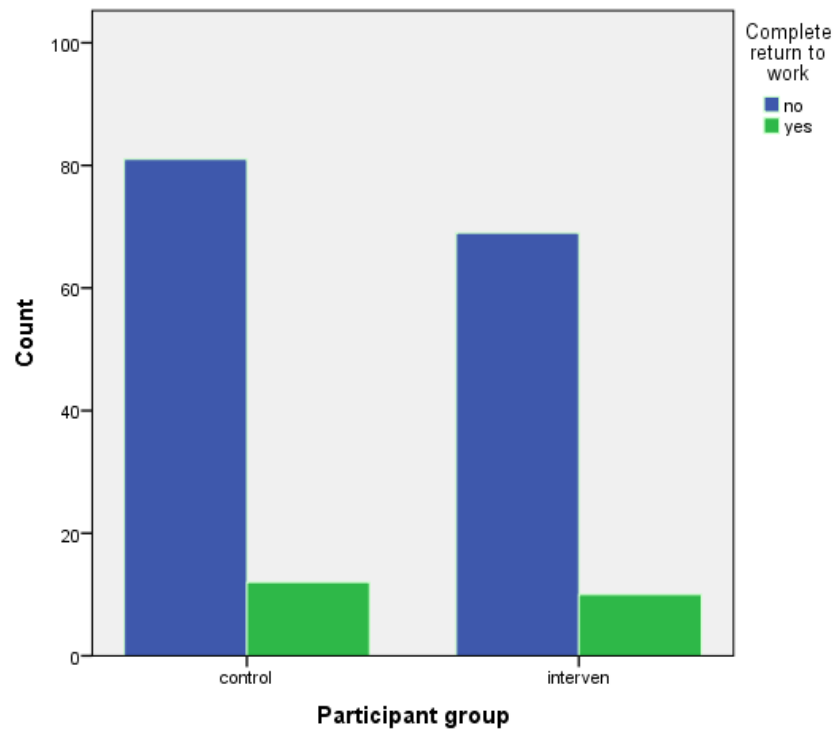


Figure 2: Relationship between rehabilitation type and complete return to work.