

SUPPLEMENTAL TABLE S1. DEMOGRAPHIC DATA FOR EACH SUBJECT WITH MTBI AND SUMMARY OF RADIOLOGICAL FINDINGS

Subject ID	Site	Age	Gen der	Handed ness	Educati on (years)	Occupation	Premorbid psychiatry history	Cause of TBI	LOC (y/n)	LOC duration	PTA (y/n)
p10	WashU	57	M	R	20	Surgeon	None	Fall or contusion	Yes	seconds	Yes
p11	WashU	43	M	R	17	Manager of technology consultant	None	Fall or contusion	Yes	N/A	Yes
p14	WashU	38	F	R	19	Attorney	None	MVA	Yes	N/A	Yes
p15	WashU	41	F	R	18	Non-profit administration	Post-partum depression, remotely (12 years prior to injury)	Fall or contusion	Yes	seconds	Yes
p16	WashU	41	F	R	16	Vice president of a college	None	MVA	Yes	20 min	Yes
p17	WashU	27	F	R	18	Director of athletics at a university	None	Fall or contusion	Yes	Approx. 30 min	Yes
p19	WashU	48	M	R	13	Manager car dealership	None	MVA	Yes	2 min	Yes
p20	WashU	46	F	R	16	Software developer	None	Fall or contusion	N/A	N/A	Yes
p22	WashU	55	M	R	14	Store owner	None	MVA	Yes	1-2h	Yes
p23	WashU	47	M	R	14	Insurance agent	None	Fall or contusion	Yes	1.5h	Yes
p24	WashU	40	F	R	14	Realtor	Prozac for PMS-related mood changes	Fall or contusion	Yes	3-5 min	Yes
p27	WashU	54	M	R	12	Factory worker	Depression; remote history of alcoholism	MVA	Yes	5 min	Yes
p28	WashU	20	F	R	12	Data entry	Anger management problem	Fall or contusion	Yes	min	Yes
p29	WashU	53	F	R	13	Trucker	None	Fall or contusion	N/A	N/A	Yes
p31	WashU	22	M	R	15	College student	None	Sports injury	Yes	3 min	Yes
p32	WashU	27	M	A	13	Courier	None	MVA	Yes	1-5 min	Yes
p33	WashU	43	F	R	13	Customer service representative	Remote history of adjustment disorder	MVA	Yes	Yes (woke up in hospital)	Yes
p34	WashU	31	F	R	16	Training specialist	None	Fall or contusion	Yes	30 seconds	Yes
p36	WashU	21	F	R	16	College student	None	Fall or contusion	No	NO	Yes
p37	WashU	42	M	R	20	Physician	None	Fall or contusion	N/A	N/A	Yes
T001	UCSD	37	F	R	18	N/A	N/A	Sports injury	N/A	N/A	Yes
T002	UCSD	27	M	R	14	N/A	N/A	Fall or contusion	Yes	10 - 15 sec	Yes
T003	UCSD	31	M	R	14	N/A	N/A	Sports injury	Yes	<15 sec	Yes
T006	UCSD	34	M	R	12	N/A	N/A	Sports injury	Yes	5 min	Yes
T007	UCSD	24	M	R	14	N/A	N/A	Fall or contusion	Yes	<15 sec	Yes
T008	UCSD	57	M	R	16	N/A	N/A	MVA	Yes	<24h	Yes

(continued)

SUPPLEMENTARY TABLE S1. (CONTINUED)

Subject ID	Site	Age	Gender	Handedness	Educational (years)	Occupation	Premorbid psychiatric history	Cause of TBI	LOC (y/n)	LOC duration	PTA (y/n)
T009	UCSD	53	M	R	14	N/A	N/A	Fall or contusion	Yes	5 – 10 min	Yes
T010	UCSD	25	M	R	14	N/A	N/A	MVA	No	0	Yes
T011	UCSD	42	M	R	16	N/A	N/A	Fall or contusion	Yes	<15 sec	Yes
T012	UCSD	42	F	R	14	N/A	N/A	MVA	Yes	5 min	Yes
T013	UCSD	26	M	R	16	N/A	N/A	Sports injury	No	0	Yes
T014	UCSD	21	M	R	15	N/A	N/A	Sports injury	Yes	1 – 3 h	Yes
T016	UCSD	39	M	R	14	N/A	N/A	Fall or contusion	No	0	Yes
T017	UCSD	22	M	R	16	N/A	N/A	Sports injury	Yes	30 min	Yes
T018	UCSD	28	M	L	16	N/A	N/A	Fall or contusion	Yes	1 – 2 min	Yes
T019	UCSD	30	M	R	16	N/A	N/A	Sports injury	No	0	N/A
T020	UCSD	21	F	R	14	N/A	N/A	Sports injury	No	0	Yes
T021	UCSD	21	M	R	15	N/A	N/A	Sports injury	No	0	Yes
T022	UCSD	29	M	R	16	N/A	N/A	Sports injury	No	0	Yes
T023	UCSD	55	M	R	14	N/A	N/A	Fall or contusion	Yes	<15 sec	No
T024	UCSD	19	M	R	12	N/A	N/A	Sports injury	Yes	5 min	N/A
T025	UCSD	28	M	R	16	N/A	N/A	Fall or contusion	N/A	N/A	N/A
T026	UCSD	41	M	R	13	N/A	N/A	Fall or contusion	Yes	<24 h	Yes
T027	UCSD	43	M	R	14	N/A	N/A	MVA	Yes	<24 h	Yes
T028	UCSD	22	F	R	14	N/A	N/A	Fall or contusion	Yes	<5 min	Yes

MPI, months post injury; GCS, Glasgow Coma Scale; MVA, Motor Vehicle Accident; N/A, Not Available; PTA, Post-traumatic amnesia, LOC, loss of consciousness, L, left handed, R, right handed, A, ambidextrous, M, male, F, female. HISQ, number of symptoms on HISQ 1–20 scale that appeared or became worse after mTBI.

<i>Subject ID</i>	<i>Anterograde PTA duration</i>	<i>GCS</i>	<i>MPI</i>	<i>HISQ</i>	<i>Return to work (y/n)</i>	<i>CT/MRI brain</i>	<i>BOLD magnitudes (y/n)</i>
p10	30 min	15	3.6	1.0	Yes	Small L. fronto-temporal subarachnoid hemorrhage	Yes
p11	72 h	15	17.9	15.0	Yes	L. temporal contusion	No
p14	30 min	15	7.2	16.0	No	Single small T2/Flair white matter signal hyperintensity L frontal lobe (idiopathic)	Yes
p15	1 h	15	3.6	10.0	Yes	Normal CT	Yes
p16	3–4 h	15	19.5	8.0	Yes	Normal CT	Yes
p17	36 h	14	3.2	6.0	Yes	Small bilateral epidural hematomas, small multiple punctate contusions	Yes
p19	5 min	15	29.6	6.0	Yes	Normal MRI	Yes
p20	5 min	15	63.7	13.0	Yes	Normal MRI	Yes
p22	1 h	14	11.8	18.0	No	N/A	Yes
p23	48 h	15	12.1	12.0	Yes	Normal CT	No
p24	1–2 h	15	16.9	1.0	Yes	Normal CT	Yes
p27	1–2 h	N/A	15.2	4.0	Yes	Normal CT	Yes
p28	1 h	N/A	14.6	4.0	No	Normal CT	Yes
p29	2–5 min	N/A	3.2	13.0	No	Normal CT	Yes
p31	10 min	N/A	13.6	12.0	Yes	Normal MRI	No
p32	3–5 min	N/A	3.7	11.0	Yes	Normal CT	Yes
p33	1–2 h	N/A	5.0	7.0	Yes	Normal CT	Yes
p34	5 min	15	3.7	9.0	Yes	Normal CT	Yes
p36	15 min	N/A	27.4	7.0	Yes	Normal MRI	Yes
p37	9–10 h	N/A	9.0	3.0	Yes	Normal CT	Yes
T001	1–24 h	N/A	65.0	13	N/A	N/A	No
T002	<5 min	N/A	37.0	5	N/A	N/A	No
T003	<5 min	N/A	25.0	10	N/A	N/A	No
T006	<5 min	N/A	54.0	5	N/A	N/A	No
T007	<5 min	N/A	13.0	8	N/A	N/A	No
T008	<5 min	N/A	30.0	9	N/A	N/A	No
T009	<5 min	N/A	55.0	6	N/A	N/A	No
T010	<5 min	N/A	48.0	5	N/A	N/A	No
T011	<5 min	N/A	15.0	14	N/A	N/A	No
T012	<5 min	N/A	35.0	10	N/A	N/A	No
T013	<5 min	N/A	49.0	3	N/A	N/A	No
T014	1–24 h	N/A	47.0	3	N/A	N/A	No
T016	<5 min	N/A	39.0	2	N/A	N/A	No
T017	5 – 30 min	N/A	54.0	5	N/A	N/A	No
T018	<5 min	N/A	24.0	4	N/A	N/A	No
T019	N/A	N/A	9.0	3	N/A	N/A	No
T020	<5 min	N/A	7.0	6	N/A	N/A	No
T021	<5 min	N/A	36.0	1	N/A	N/A	No
T022	<5 min	N/A	30.0	4	N/A	N/A	No
T023	0	N/A	6.0	3	N/A	N/A	No
T024	N/A	N/A	28.0	5	N/A	N/A	No
T025	N/A	N/A	36.0	9	N/A	N/A	No
T026	1–24 h	N/A	47.0	15	N/A	N/A	No
T027	<5 min	N/A	3.0	15	N/A	N/A	No
T028	<5 min	N/A	3.0	5	N/A	N/A	No