Supplementary Table 1. Preliminary Analyses for Global Functional Outcomes and *BCL2* tSNPs

| | | | Preliminary mixed models (over time at 3, 6, 1,2 and 24 months) | | | | | | | Preliminary binary logistic regression (cross-sectional at 3 months) | | | |
| | | | GOS | | DRS | | | | | | | 95% Wald confidence limits | |
SNP	Genotype	n	coeff	p	coeff	p	Genotype	df	coeff	Odds ratio			p
rs1026825	AA	205	0.05	0.81	−0.24	0.91	AA	1	0.14	1.27	0.59	2.77	0.59
	GG		−0.09	0.70	1.30	0.56	GG	1	−0.03				0.91
	AG		reference		reference		AG		reference	.			0.83
	overall			0.86		0.79	overall						
	GG & AG		−0.09	0.69	0.69	0.73	GG & AG	1	−0.11	0.81	0.39	1.66	0.56
	AA						AA						
rs12454712	CC	204	−0.44	0.15*	3.45	0.23	CC	1	0.19	1.43	0.51	4.03	0.55
	TT		−0.05	0.80	0.68	0.72	TT	1	−0.03	1.15	0.56	2.37	0.91
	CT		reference		reference		CT		reference				0.79
	overall			0.33		0.48	overall						
	CC & CT		−0.06	0.77	0.17	0.92	CC & CT	1	−0.02	0.95	0.49	1.87	0.89
	TT						TT						
rs12968517	CC	204	0.03	0.88	−0.86	0.66	CC	1	−0.36	0.86	0.40	1.83	0.13#
	TT		−0.57	0.04*	4.94	0.06*	TT	1	0.57	2.19	0.89	5.40	0.04#
	CT		reference		reference		CT		reference				0.12#
	overall			0.08*		0.07*	overall						
	TT & CT		−0.19	0.33	2.26	0.21	TT & CT	1	0.20	1.48	0.74	2.96	0.27#
	CC						CC						
rs1381548	AA	197	−0.22	0.41	1.85	0.45	AA	1	0.20	1.47	0.57	3.76	0.50
	GG		0.01	0.97	−0.32	0.88	GG	1	−0.02	0.18	0.55	2.51	0.94
	AG		reference		reference		AG		reference				0.72
	overall			0.66		0.68	overall						
	AA & AG		−0.07	0.72	0.86	0.65	AA & AG	1	−0.03	0.94	0.47	1.90	0.87
	GG						GG						
rs1481031	AA	202	−0.28	0.17*	2.21	0.24	AA	1	0.24	1.08	0.54	2.18	0.39
	GG		0.19	0.56	−1.37	0.67	GG	1	−0.40	0.57	0.15	2.17	0.36
	AG		reference		reference		AG		reference				0.64
	overall			0.23		0.36	overall						
	GG &AG		0.31	0.11*	−2.45	0.17*	GG & AG	1	−0.09	0.84	0.43	1.65	0.62
	AA						AA						
rs17756073	AA	197	−0.14	0.51	2.22	0.25	AA	1	0.03	1.62	0.74	3.55	0.90
	GG		−0.55	0.08*	5.63	0.05*	GG	1	0.42	2.39	0.85	6.70	0.17#
	AG		reference		reference		AG		reference				0.23#
	overall			0.22		0.13*	overall						
	GG & AG		0.00	0.99	−0.71	0.69	GG & AG	1	−0.10	0.82	0.42	1.62	0.57
	AA						AA						
rs17759659	AA	201	0.43	0.04*	−4.42	0.02*	AA	1	−0.44	0.49	0.22	1.09	0.11#
	GG		−0.12	0.67	−0.16	0.95	GG	1	0.17	0.91	0.34	2.42	0.60
	AG		reference		reference		AG		reference				0.21#

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SUPPLEMENTARY TABLE 1. CONTINUED

			Preliminary mixed models (over time at 3, 6, 12 and 24 months)				Preliminary binary logistic regression (cross-sectional at 3 months)						
			GOS		DRS						95% Wald confidence limits		
SNP	Genotype	n	coeff	p	coeff	p	Genotype	df	coeff	Odds ratio			p
	overall			0.07*		0.06*	overall						0.08#
	GG & AG		−0.46	0.02*	4.39	0.02*	GG & AG	1	0.34	1.98	0.92	4.26	
	AA		reference		reference		AA		reference				
rs1801018	AA	203	0.42	0.09*	−4.71	0.04*	AA	1	−0.14	0.63	0.25	1.55	0.64
	GG		0.40	0.07*	−4.93	0.02*	GG	1	−0.19	0.59	0.27	1.30	0.47
	AG		reference		reference		AG		reference				
	overall			0.11*		0.03*	overall						0.34
	AA & AG		−0.26	0.20*	3.39	0.07*	AA & AG	1	0.20	1.48	0.70	3.13	0.30#
	GG		reference		reference		GG		reference				
rs1944419	AA	196	−0.31	0.18*	3.10	0.16*	AA	1	0.11	1.36	0.59	3.11	0.75
	TT		0.07	0.78	0.01	1.00	TT	1	0.09	1.33	0.57	3.12	0.71
	AT		reference		reference		AT		reference				
	overall			0.31		0.33	overall						0.59
	TT & AT		0.34	0.13*	−3.10	0.13*	AA & AT	1	−0.11	0.81	0.37	1.76	0.47
	AA		reference		reference		TT		reference				
rs3810027	CC	200	0.13	0.54	−1.00	0.61	CC	1	−0.19	0.77	0.37	1.58	0.76
	GG		0.01	0.97	−0.67	0.82	GG	1	0.11	1.03	0.36	2.97	0.74
	CG		reference		reference		CG		reference				
	overall			0.81		0.87	overall						0.44
	GG & CG		−0.13	0.52	0.86	0.64	GG & CG	1	0.14	1.31	0.66	2.62	0.85
	CC		reference		reference		CC		reference				
rs4456611	CC	196	−0.13	0.57	2.17	0.33	CC	1	0.05	1.47	0.64	3.35	0.27#
	TT		−0.33	0.19*	3.00	0.18*	TT	1	0.29	1.86	0.82	4.25	0.32
	CT		reference		reference		CT		reference				
	overall			0.41		0.35	overall						0.69
	TT & CT		0.03	0.89	−1.18	0.57	TT & CT	1	−0.08	0.86	0.40	1.82	0.74
	CC		reference		reference		CC		reference				
rs4941185	AA	199	−0.32	0.15*	2.50	0.22	AA	1	0.08	1.74	0.79	3.81	0.14#
	GG		−0.57	0.03*	5.96	0.01*	GG	1	0.39	2.37	0.99	5.66	0.13#
	AG		reference		reference		AG		reference				
	overall			0.07*		0.04*	overall						0.48
	GG & AG		0.14	0.50	−0.59	0.76	GG & AG	1	−0.13	0.78	0.39	1.57	
	AA		reference		reference		AA		reference				
rs7230970	CC	193	0.05	0.86	−1.59	0.51	CC	1	−0.60	0.33	0.12	0.97	0.08#
	TT		0.12	0.60	−1.26	0.54	TT	1	0.11	0.68	0.32	1.44	0.68
	CT		reference		reference		CT		reference				
	overall			0.87		0.75	overall						0.12#
	CC & TT		−0.10	0.62	0.76	0.69	CC & TT	1	0.04	1.09	0.54	2.22	0.81
	TT						TT						

SNP	Genotype	N					Genotype						
rs7236090	CC	197	−0.16	0.48	2.25	0.27	CC	1	0.77	1.88	0.89	3.95	0.005#
	TT		0.56	0.03*	−6.24	0.01*	TT	1	−0.90	0.35	0.11	1.11	0.02#
	CT		reference		reference		CT		reference				
	overall			0.03*		0.004	overall						0.02#
	TT & CT		0.32	0.13	−4.03	0.04*	TT & CT	1	−0.44	0.41	0.20	0.84	0.01#
	CC						CC						
rs8083946	AA	204	0.19	0.49	−1.91	0.45	AA	1	−0.18	0.78	0.29	2.09	0.56
	GG		0.11	0.61	−0.16	0.94	GG	1	0.12	1.06	0.51	2.18	0.63
	AG		reference		reference		AG		reference				
	overall			0.76		0.73	overall						0.84
	AA & AG		−0.05	0.79	−0.42	0.82	AA & AG	1	−0.06	0.88	0.45	1.73	0.72
	GG						GG						
rs899968	AA	199	−0.22	0.39	2.02	0.42	AA	1	0.31	1.91	0.77	4.73	0.27#
	CC		−0.18	0.40	1.69	0.40	CC	1	0.02	1.43	0.66	3.10	0.92
	AC		reference		reference		AC		reference				
	overall			0.59		0.61	overall						0.36
	AA & AC		0.11	0.57	−1.06	0.57	AA & AC	1	−0.07	0.87	0.43	1.74	0.69
	CC						CC						
rs949037	CC	198	0.35	0.15*	−4.04	0.08*	CC	1	−0.29	0.76	0.30	1.92	0.32
	TT		−0.07	0.77	0.16	0.94	TT	1	0.32	1.40	0.65	3.01	0.21#
	CT		reference		reference		CT		reference				
	overall			0.24		0.16*	overall						0.44
	CC & CT		0.19	0.36	−1.54	0.42	CC & CT	1	−0.21	0.66	0.32	1.34	0.25#
	TT						TT						

*p ≤ .2

#p ≤ .3

Overall = p for type 3 test.
tSNP, tagging single nucleotide polymorphism; GOS, Glasgow Outcome Scale; DRS, Disability Rating Scale.

		NRS-R		
SNP	n	*Genotype*	*coefff*	P
rs1026825	100	AA	−3.30	0.15*
		GG	−0.72	0.76
		AG	reference	
		overall		0.34
		AA &AG	3.06	0.15*
		GG		
rs12454712	100	CC	3.02	0.36
		TT	−3.59	0.07*
		CT	reference	
		overall		0.06*
		CC & CT	4.13	0.03*
		TT		
rs12968517	100	CC	−0.87	0.67
		TT	0.54	0.86
		CT	reference	
		overall		0.86
		TT & CT	1.00	0.60
		CC		
rs1381548	94	AA	−1.87	0.51
		GG	−1.42	0.51
		AG	reference	
		overall		0.73
		AA & AG	0.87	0.66
		GG		
rs1481031	98	AA	−0.35	0.87
		GG	6.23	0.05*
		AG	reference	
		overall		0.11*
		GG & AG	1.51	0.45
		AA		
rs17756073	96	AA	−3.53	0.09*
		GG	−1.92	0.53
		AG	reference	
		overall		0.24
		GG &AG	3.07	0.12*
		AA		
rs17759659	99	AA	−0.20	0.92
		GG	6.19	0.03*
		AG	reference	
		overall		0.05*
		GG & AG	1.75	0.37
		AA		
rs1801018	99	AA	1.17	0.62
		GG	−0.10	0.97
		AG	reference	
		overall		0.85
		AA &AG	0.57	0.78
		GG		
rs1944419	97	AA	3.22	0.18*
		TT	−2.72	0.26
		AT	reference	
		overall		0.11*
		TT & AT	−4.05	0.08*
		AA		
		AA& AT	3.71	0.11*
		TT		

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		NRS-R		
SNP	n	*Genotype*	*coefff*	P
rs3810027	99	CC	2.47	0.21
		GG	2.99	0.33
		CG	reference	
		overall		0.38
		GG &CG	−1.86	0.32
		CC		
rs4456611	95	CC	−1.93	0.44
		TT	2.83	0.23
		CT	reference	
		overall		0.26
		CC & CT	−3.32	0.15*
		TT		
rs4941185	96	AA	0.67	0.77
		GG	−1.94	0.48
		AG	reference	
		overall		0.68
		GG & AG	−1.14	0.60
		AA		
rs7230970	90	CC	−0.19	0.95
		TT	0.57	0.81
		CT	reference	
		overall		0.96
		CC & CT	−0.63	0.78
		TT		
rs7236090	96	CC	−5.83	0.01*
		TT	−0.11	0.96
		CT	reference	
		overall		0.02*
		TT & CT	5.79	0.005*
		CC		
		CC & CT	−2.17	0.33
		TT		
rs8083946	99	AA	1.18	0.69
		GG	0.03	0.99
		AG	reference	
		overall		0.92
		AA & AG	0.25	0.90
		GG		
rs899968	98	AA	−3.37	0.25
		CC	−1.78	0.39
		AC	reference	
		overall		0.44
		AA & AC	1.03	0.60
		CC		
rs949037	97	CC	−0.93	0.71
		TT	0.92	0.68
		CT	reference	
		overall		0.77
		CC & CT	−1.26	0.54
		TT		

*p ≤ 0.2 preliminary analyses criterion.
Overall = p for type 3 test.
NRS-R, Neurobehavioral Rating Scale–Revised; tSNP, tagging single nucleotide polymorphism.