- . mixed ATRS i.treatment##i.TimePoint i.gender ///
- participant_age baseline_ATRS || centre: || participant:

Log likelihood = -8241.9654

Wald chi2(10) = 1751.15 Prob > chi2 = 0.0000

ATRS	Coef.	Std. Err.	Z	P> z	[95% Conf	. Interval]
treatment						
Functional Brace	5.527739	1.821338	3.03	0.002	1.957981	9.097497
TimePoint						
3 months	9.314876	1.415695	6.58	0.000	6.540164	12.08959
6 months	28.40119	1.422166	19.97	0.000	25.6138	31.18858
9 months	39.53712	1.392748	28.39	0.000	36.80738	42.26685
treatment#TimePoint						
Functional Brace#3 months	-3.768253	1.980942	-1.90	0.057	-7.650828	.1143222
Functional Brace#6 months	-5.178038	1.998237	-2.59	0.010	-9.09451	-1.261566
Functional Brace#9 months	-6.909077	1.94916	-3.54	0.000	-10.72936	-3.088793
gender						
Female	-3.22206	1.70156	-1.89	0.058	-6.557056	.1129367
participant_age	.0690061	.0520652	1.33	0.185	0330398	.1710521
baseline_ATRS	.192712	.0470376	4.10	0.000	.10052	.2849041
_cons	14.2417	5.824961	2.44	0.014	2.824985	25.65841

Random-effects Parameters	Estimate	Std. Err.	[95% Conf.	Interval]
centre: Identity var(_cons)	9.226328	7.187299	2.004213	42.4731
participant: Identity var(_cons)	177.1012	15.77891	148.7248	210.8918
var(Residual)	226.3682	8.622226	210.0843	243.9142

LR test vs. linear model: chi2(2) = 411.98 Prob > chi2 = 0.0000

Note: LR test is conservative and provided only for reference.

. margins TimePoint, dydx(treatment) //Primary ITT analysis.//

Average marginal effects Number of obs = 1,909

Expression : Linear prediction, fixed portion, predict()

dy/dx w.r.t. : 2.treatment

	dy/dx	Delta-method Std. Err.	Z	P> z	[95% Conf.	Interval]
1.treatment	(base outco	ome)				
2.treatment TimePoint 8 weeks 3 months 6 months 9 months	5.527739 1.759486 .349701 -1.381338	1.821338 1.825223 1.845002 1.784543	3.03 0.96 0.19 -0.77	0.002 0.335 0.850 0.439	1.957981 -1.817885 -3.266436 -4.878979	9.097497 5.336857 3.965838 2.116303

Note: dy/dx for factor levels is the discrete change from the base level.

. margins TimePoint#treatment

Predictive margins Number of obs = 1,909

Expression : Linear prediction, fixed portion, predict()

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf.	Interval]
TimePoint#treatment						
8 weeks#Plaster Cast	35.04102	1.421637	24.65	0.000	32.25466	37.82738
8 weeks#Functional Brace	40.56876	1.400354	28.97	0.000	37.82412	43.3134
3 months#Plaster Cast	44.3559	1.430426	31.01	0.000	41.55232	47.15948
3 months#Functional Brace	46.11538	1.393666	33.09	0.000	43.38385	48.84692
6 months#Plaster Cast	63.44221	1.439571	44.07	0.000	60.6207	66.26372
6 months#Functional Brace	63.79191	1.410448	45.23	0.000	61.02749	66.55634
9 months#Plaster Cast	74.57814	1.402394	53.18	0.000	71.8295	77.32678
9 months#Functional Brace	73.1968	1.369833	53.43	0.000	70.51198	75.88162