Statistical Analysis 1 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 Low Dose Subgroup
	Comments	Day 2 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	=0.4447
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 2 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 High Dose Subgroup
	Comments	Day 2 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	=0.3567
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 3 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 All Participants
	Comments	Day 2 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	=0.2315
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 4 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 Low Dose Subgroup
	Comments	Week 1 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	=0.0667
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 5 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 High Dose Subgroup
	Comments	Week 1 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	<0.001
	Comments	[Not specified]
	Method	Other [paired-sample t-test]

	Comments	[Not specified]

Statistical Analysis 6 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 All Participants
	Comments	Week 1 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	<0.001
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 7 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 Low Dose Subgroup
	Comments	Week 2 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	<0.001
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 8 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 High Dose Subgroup
	Comments	Week 2 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.

Statistical Test of Hypothesis	P-Value	=0.2033
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 9 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 All Participants
	Comments	Week 2 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	<0.001
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 10 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 Low Dose Subgroup
	Comments	Week 3 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	=0.0012
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 11 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 High Dose Subgroup
	Comments	Week 3 vs Baseline
	Type of Statistical Test	Superiority

	Comments	A paired-sample t-test was performed to test the change from Baseline.

	P-Value	=0.0734
Statistical Test of Hypothesis	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 12 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

	Comparison Group Selection	ABBV-951 All Participants
Statistical Analysis Overview	Comments	Week 3 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.

	P-Value	<0.001
Statistical Test of Hypothesis	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 13 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

	Comparison Group Selection	ABBV-951 Low Dose Subgroup
Statistical Analysis Overview	Comments	Week 4 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.

	P-Value	=0.0304
Statistical Test of Hypothesis	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 14 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 High Dose Subgroup
	Comments	Week 4 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	>0.999
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 15 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 All Participants
	Comments	Week 4 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	=0.0891
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 16 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 Low Dose Subgroup
	Comments	Week 6 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	=0.0832
	Comments	[Not specified]
	Method	Other [paired-sample t-test]

	Comments	[Not specified]

Statistical Analysis 17 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 High Dose Subgroup
	Comments	Week 6 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	=0.4941
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 18 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 All Participants
	Comments	Week 6 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	=0.2764
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 19 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 Low Dose Subgroup
	Comments	Week 13 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.

Statistical Test of Hypothesis	P-Value	=0.3248
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 20 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 High Dose Subgroup
	Comments	Week 13 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.

Statistical Test of Hypothesis	P-Value	=0.2535
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 21 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 All Participants
	Comments	Week 13 vs Baseline
	Type of Statistical Test	Other
	Comments	A paired-sample t-test was performed to test the change from Baseline.

Statistical Test of Hypothesis	P-Value	=0.9274
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 22 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 Low Dose Subgroup
	Comments	Week 26 vs Baseline
	Type of Statistical Test	Superiority

	Comments	A paired-sample t-test was performed to test the change from Baseline.

Statistical Test of Hypothesis	P-Value	=0.3297
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 23 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 High Dose Subgroup
	Comments	Week 26 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.

Statistical Test of Hypothesis	P-Value	=0.9722
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 24 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 All Participants
	Comments	Week 26 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.

Statistical Test of Hypothesis	P-Value	=0.4403
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 25 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 Low Dose Subgroup
	Comments	Week 39 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	=0.1946
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 26 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 High Dose Subgroup
	Comments	Week 39 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	=0.2077
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 27 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 All Participants
	Comments	Week 39 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.
Statistical Test of Hypothesis	P-Value	=0.0692
	Comments	[Not specified]
	Method	Other [paired-sample t-test]

	Comments	[Not specified]

Statistical Analysis 28 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 Low Dose Subgroup
	Comments	Week 52 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.

Statistical Test of Hypothesis	P-Value	=0.2276
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 29 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 High Dose Subgroup
	Comments	Week 52 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.

Statistical Test of Hypothesis	P-Value	0.3369
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]

Statistical Analysis 30 for Movement Disorder Society-Unified Parkinson's Disease Rating Scale (MDS-UPDRS) Part III Score: Change From Baseline to End of Study

Statistical Analysis Overview	Comparison Group Selection	ABBV-951 All Participants
	Comments	Week 52 vs Baseline
	Type of Statistical Test	Superiority
	Comments	A paired-sample t-test was performed to test the change from Baseline.

Statistical Test of Hypothesis	P-Value	=0.1218
	Comments	[Not specified]
	Method	Other [paired-sample t-test]
	Comments	[Not specified]