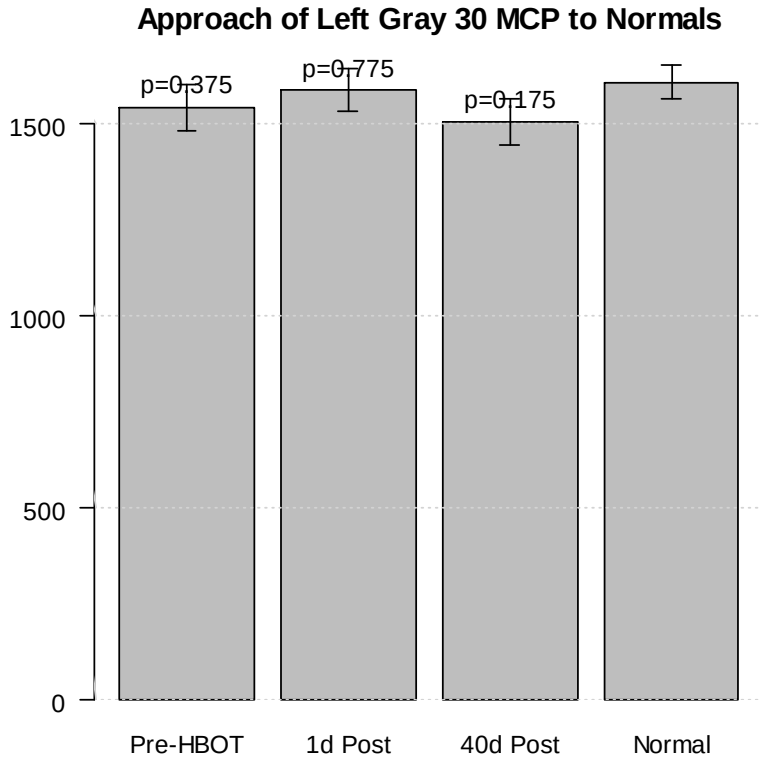
Additional File 5: Approach of SPECT MCP and CV at baseline, post-1 HBOT, and post-40 HBOTs to Control Subjects' MCP and CV

This document summarizes the SPECT values in each brain region, by time point for the Affected subjects (at pre-, 1 day post-, and 40 days post-HBOT), and compares them to the values in Control subjects.
Data is summarized in tables as mean, standard deviation, and standard error of the mean, along with a p-value comparing the Affected subjects' values with the Control subjects' values.
Data is also shown as bar charts (with vertical error-bars representing ± 1 SEM).

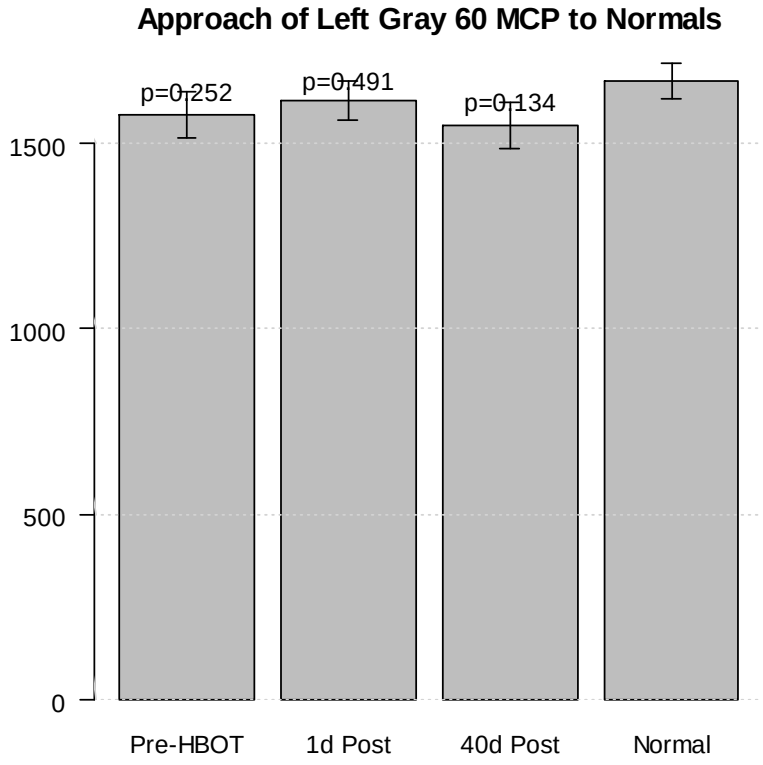
Approach of Left Gray 30 MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	1543.167	1589.824	1506.506	1610.534
SDs	322.278	55.995	60.376	45.570
SEs	59.846	55.995	60.376	45.570
Ps	0.375	0.775	0.175	NA



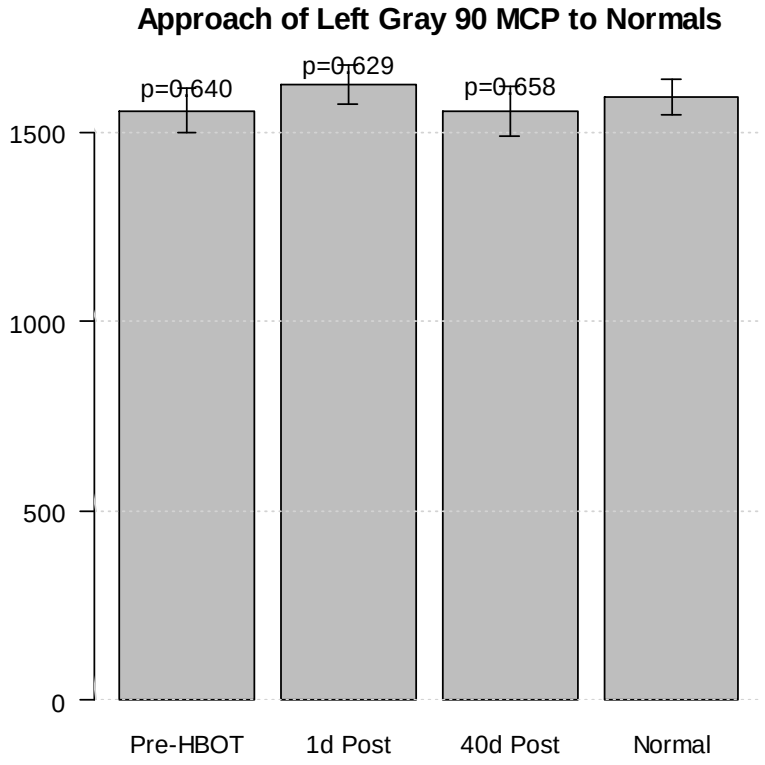
Approach of Left Gray 60 MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	1575.351	1616.872	1546.638	1666.225
SDs	333.209	52.451	62.154	48.178
SEs	61.875	52.451	62.154	48.178
Ps	0.252	0.491	0.134	NA



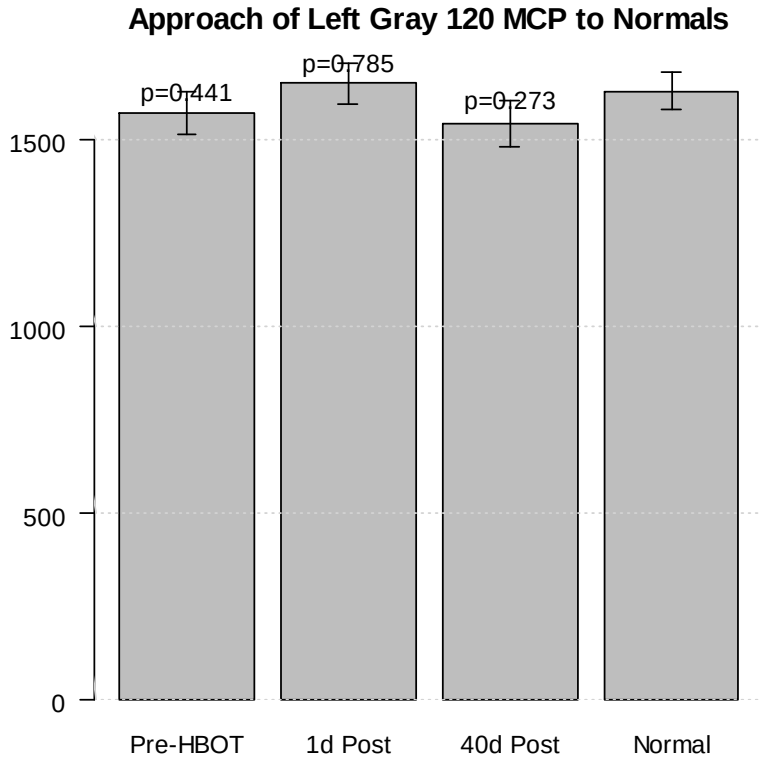
Approach of Left Gray 90 MCP to Values in Control Subjects

	Pre-HBOT	Post1	Post 40	Control
Mns	1555.488	1625.365	1555.453	1591.109
SDs	321.329	52.813	65.103	46.788
SEs	59.669	52.813	65.103	46.788
Ps	0.640	0.629	0.658	NA



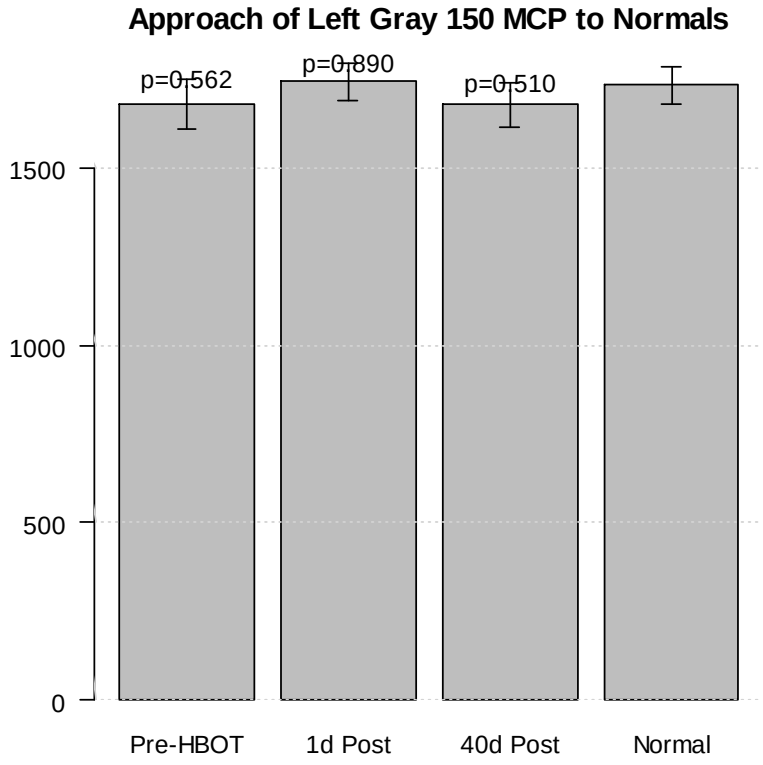
Approach of Left Gray 120 MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	1572.100	1652.107	1544.818	1631.993
SDs	313.021	52.903	60.154	50.770
SEs	58.127	52.903	60.154	50.770
Ps	0.441	0.785	0.273	NA



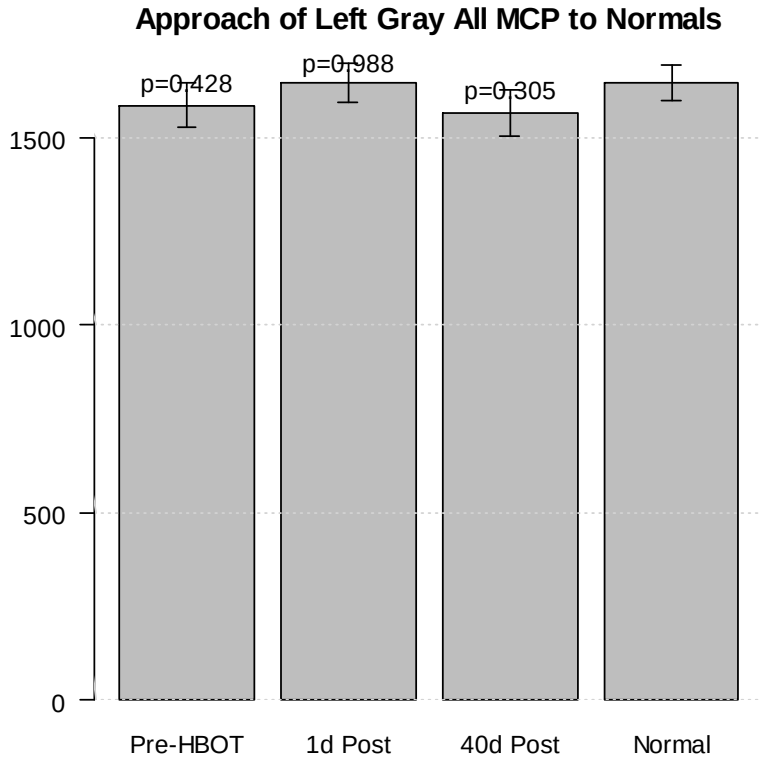
Approach of Left Gray 150 MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	1682.103	1744.147	1678.112	1733.739
SDs	376.305	52.165	63.960	54.157
SEs	69.878	52.165	63.960	54.157
Ps	0.562	0.890	0.510	NA



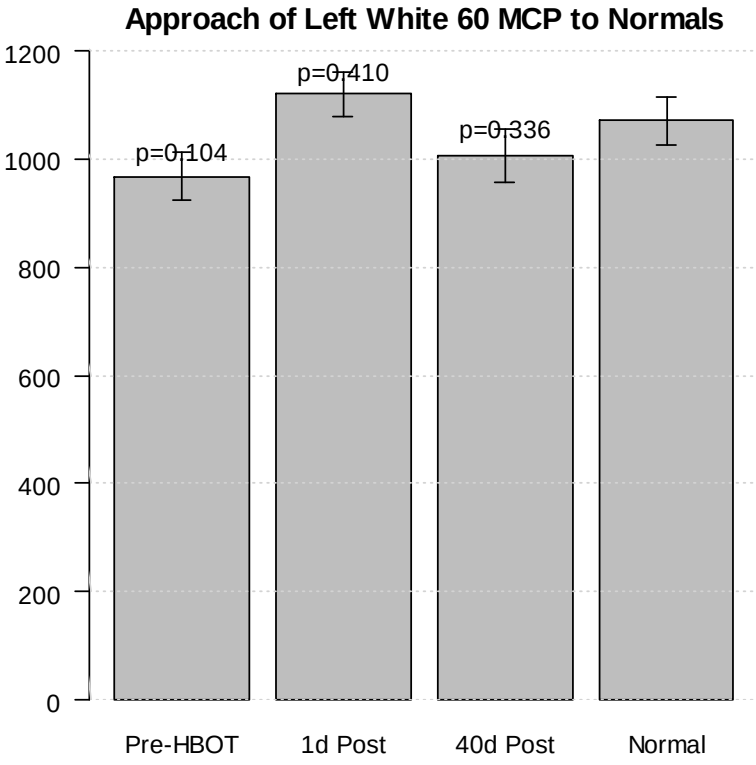
Approach of Left Gray All MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	1585.642	1645.663	1566.305	1646.72
SDs	322.110	51.240	61.101	47.78
SEs	59.814	51.240	61.101	47.78
Ps	0.428	0.988	0.305	NA



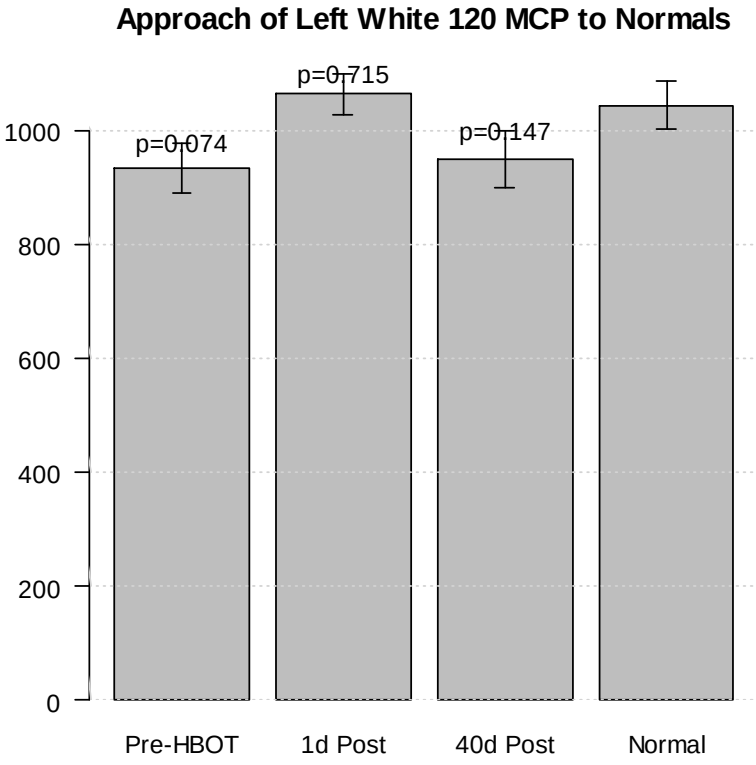
Approach of Left White 60 MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	968.348	1120.487	1006.614	1071.135
SDs	238.044	40.266	50.116	43.683
SEs	44.204	40.266	50.116	43.683
Ps	0.104	0.410	0.336	NA



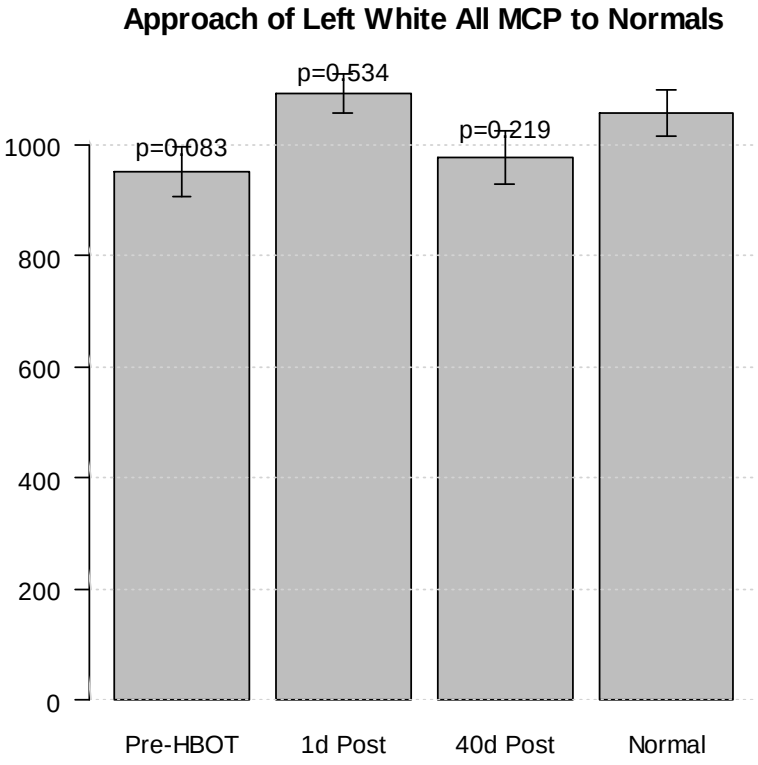
Approach of Left White 120 MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	932.891	1063.583	949.222	1043.482
SDs	238.181	35.736	48.765	41.611
SEs	44.229	35.736	48.765	41.611
Ps	0.074	0.715	0.147	NA



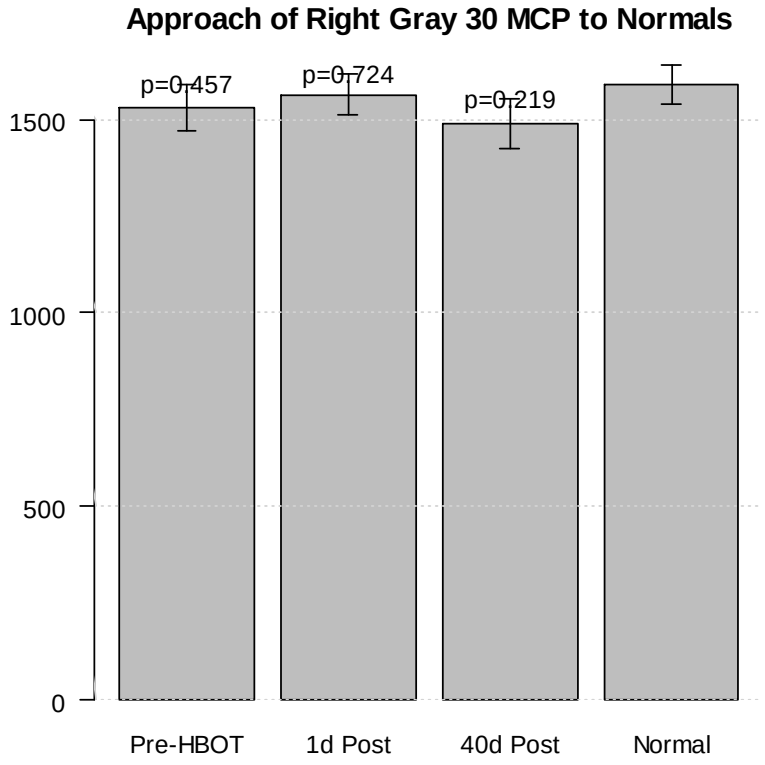
Approach of Left White All MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	950.620	1092.035	977.918	1057.309
SDs	235.200	36.632	48.278	41.717
SEs	43.675	36.632	48.278	41.717
Ps	0.083	0.534	0.219	NA



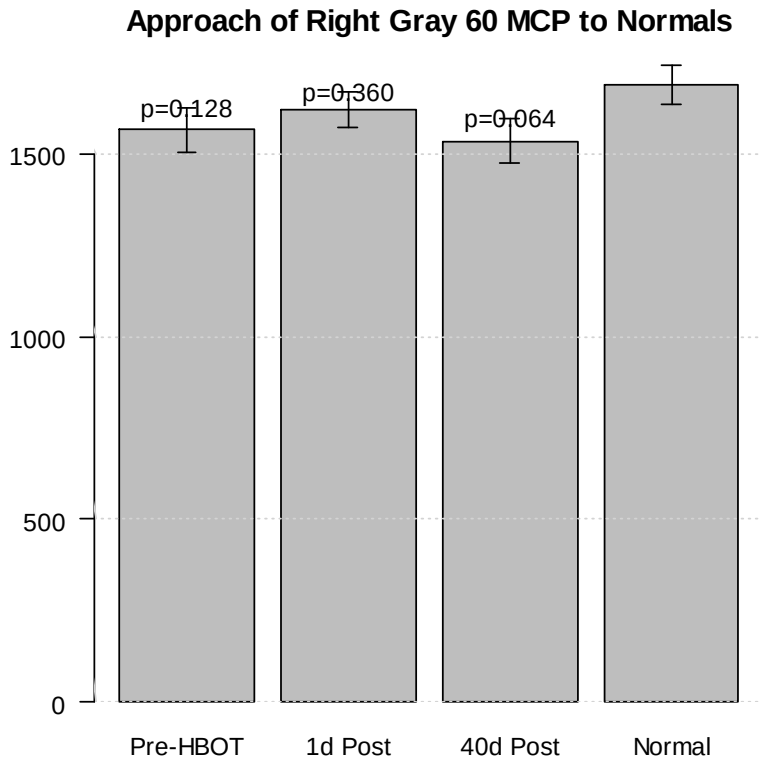
Approach of Right Gray 30 MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	1531.831	1564.062	1488.843	1590.379
SDs	319.316	54.050	63.849	50.819
SEs	59.295	54.050	63.849	50.819
Ps	0.457	0.724	0.219	NA



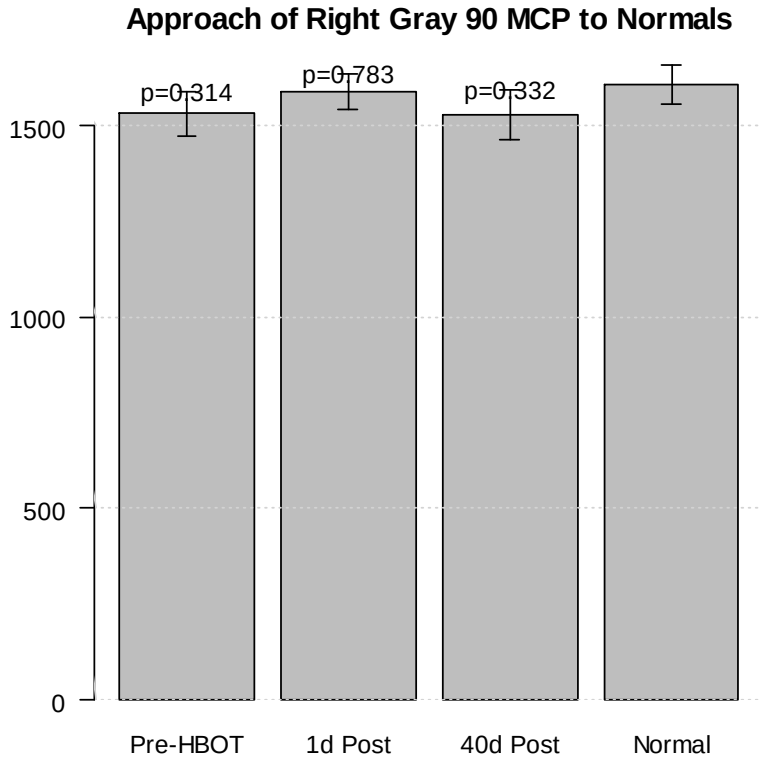
Approach of Right Gray 60 MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	1565.632	1622.785	1535.245	1689.351
SDs	323.454	49.023	62.062	52.804
SEs	60.064	49.023	62.062	52.804
Ps	0.128	0.360	0.064	NA



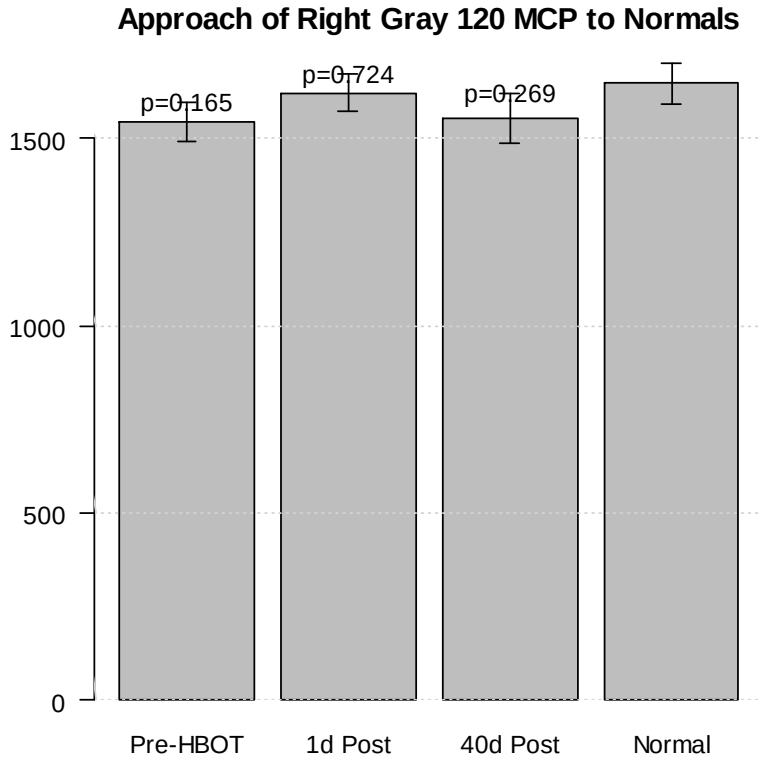
Approach of Right Gray 90 MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	1532.383	1590.989	1528.879	1609.977
SDs	306.877	46.348	65.354	50.807
SEs	56.986	46.348	65.354	50.807
Ps	0.314	0.783	0.332	NA



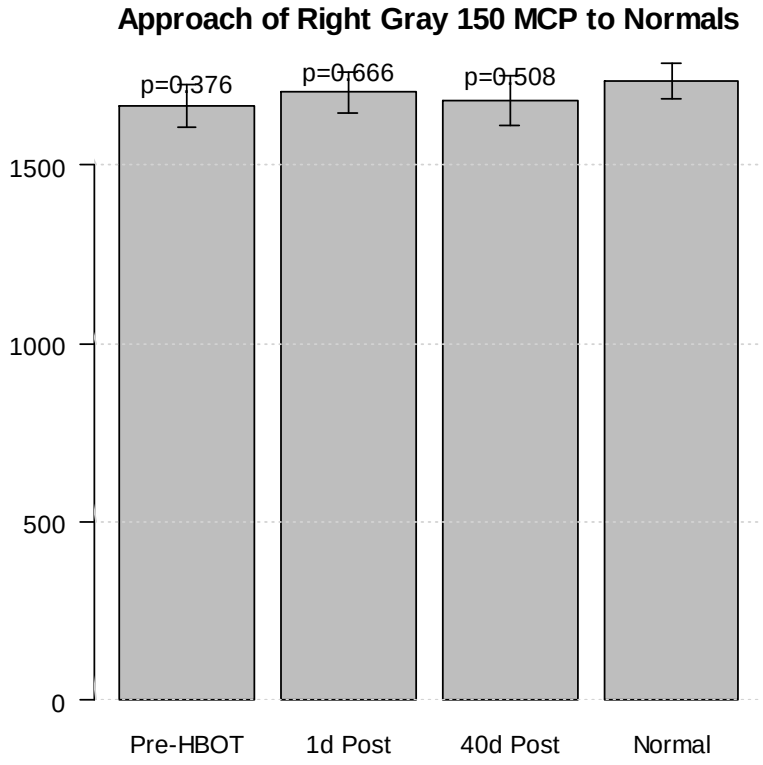
Approach of Right Gray 120 MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	1542.956	1621.686	1553.024	1647.138
SDs	281.786	49.038	65.854	52.456
SEs	52.326	49.038	65.854	52.456
Ps	0.165	0.724	0.269	NA



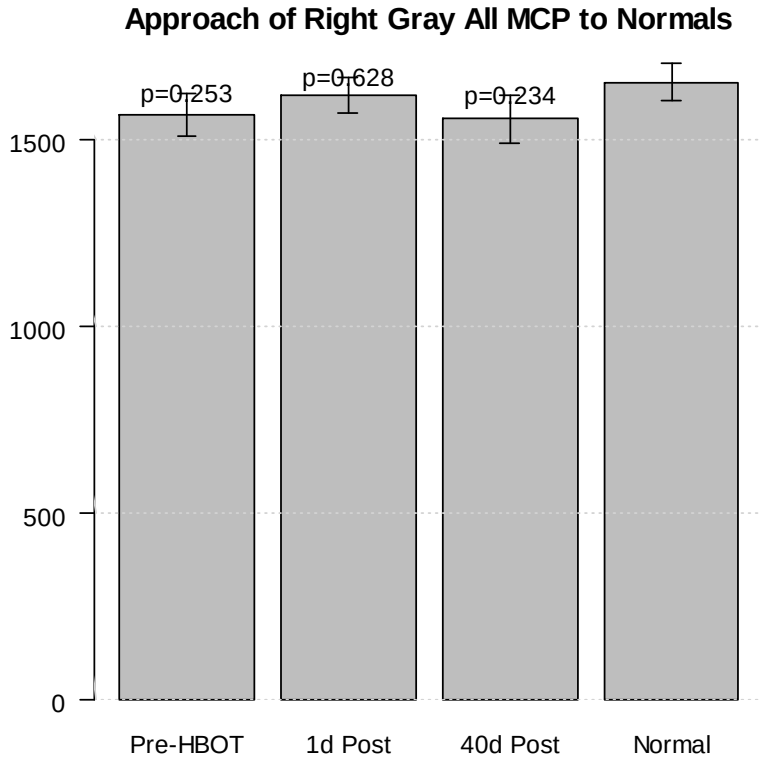
Approach of Right Gray 150 MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	1667.968	1704.606	1680.358	1737.094
SDs	322.761	56.552	69.608	48.968
SEs	59.935	56.552	69.608	48.968
Ps	0.376	0.666	0.508	NA



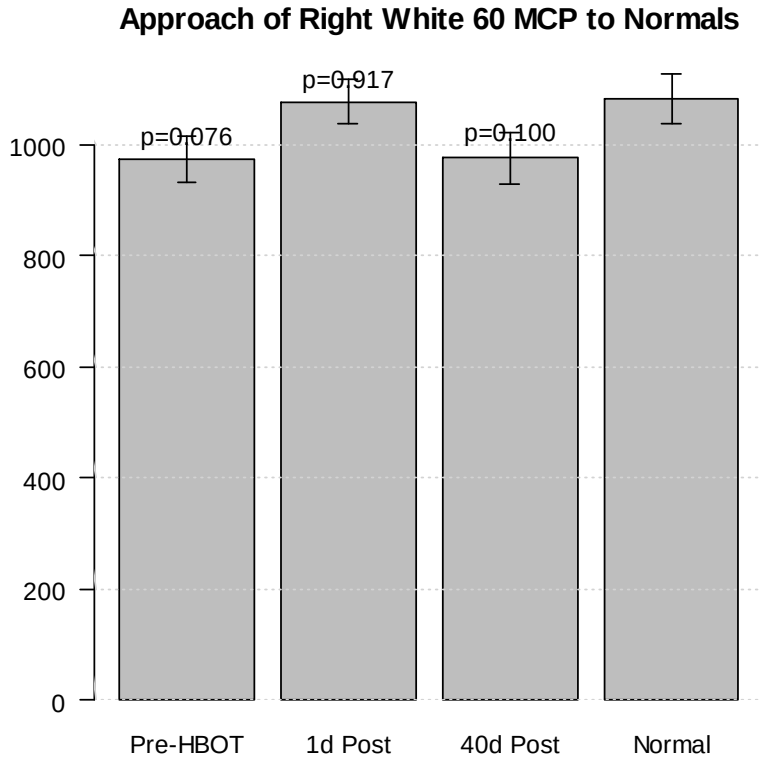
Approach of Right Gray All MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	1568.154	1620.825	1557.270	1654.788
SDs	302.218	48.988	63.985	49.652
SEs	56.120	48.988	63.985	49.652
Ps	0.253	0.628	0.234	NA



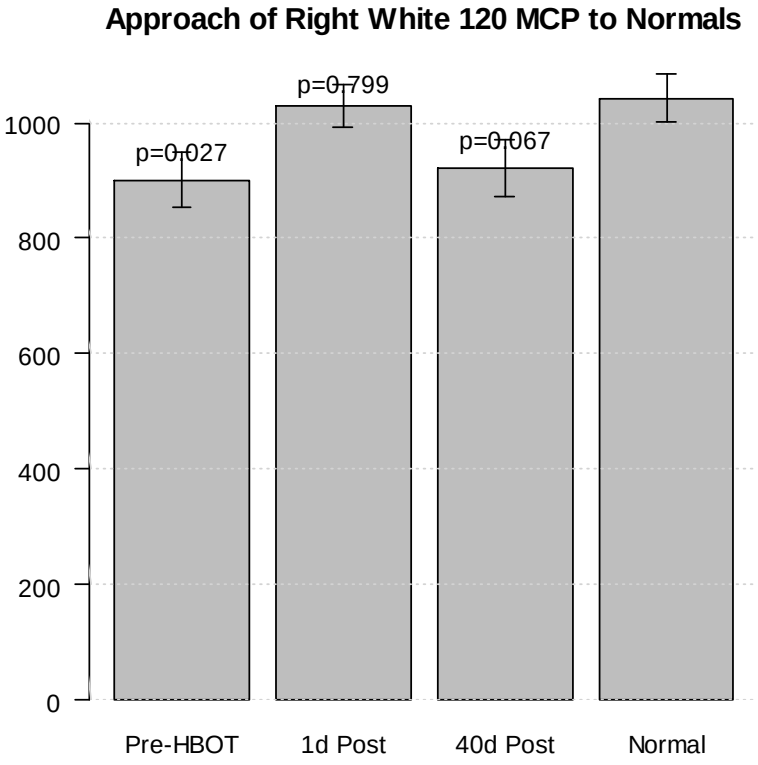
Approach of Right White 60 MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	973.645	1077.892	976.265	1084.157
SDs	220.437	39.030	45.931	45.253
SEs	40.934	39.030	45.931	45.253
Ps	0.076	0.917	0.100	NA



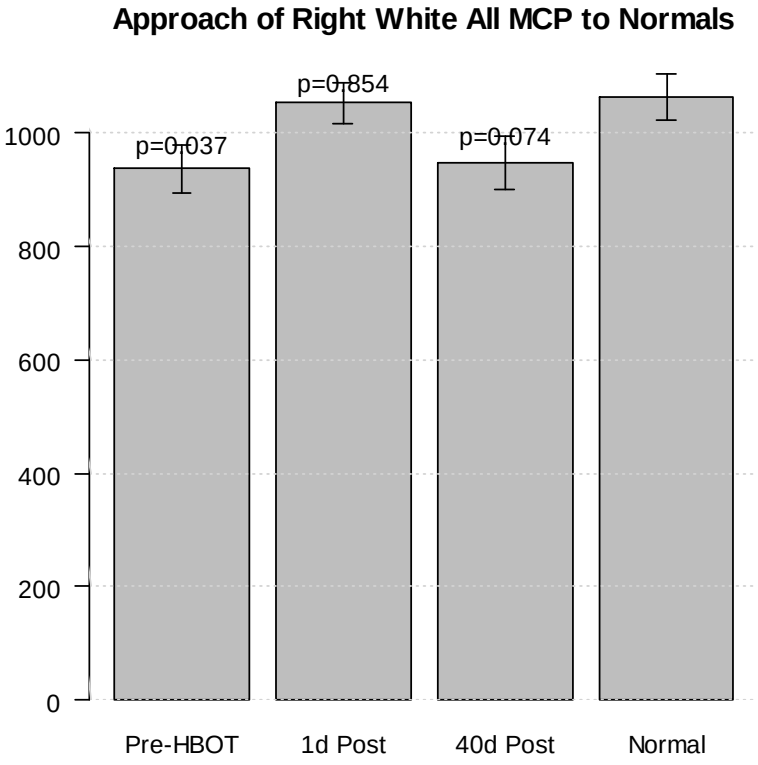
Approach of Right White 120 MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	901.384	1028.615	922.090	1042.945
SDs	251.012	37.458	49.612	41.470
SEs	46.612	37.458	49.612	41.470
Ps	0.027	0.799	0.067	NA



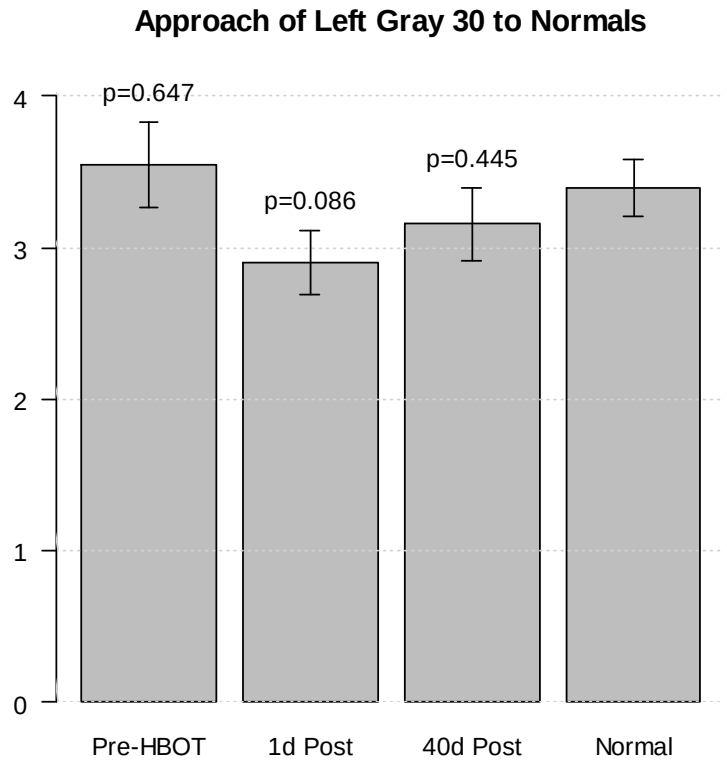
Approach of Right White All MCP to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mns	937.515	1053.254	949.178	1063.551
SDs	225.121	36.749	46.977	41.737
SEs	41.804	36.749	46.977	41.737
Ps	0.037	0.854	0.074	NA



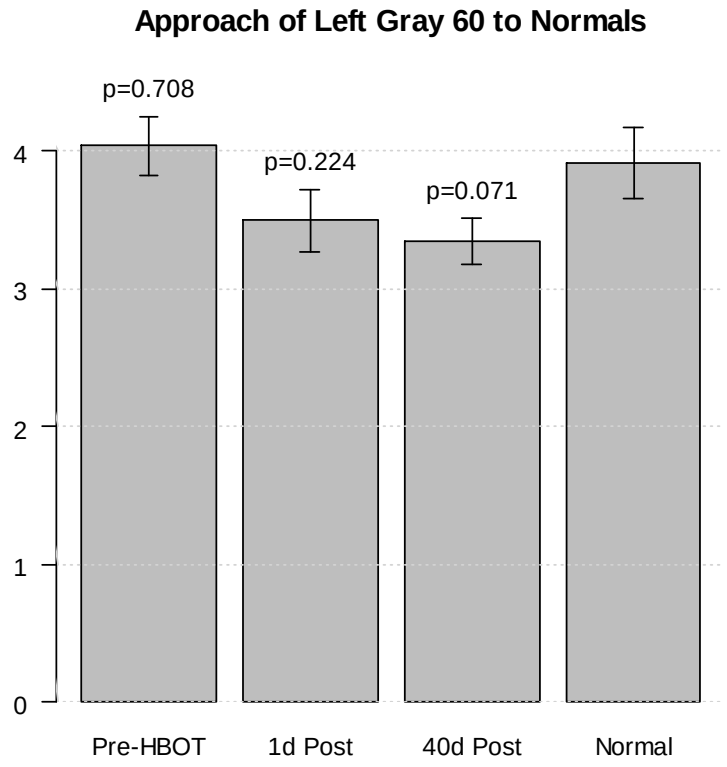
Approach of Left Gray 30 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	3.545	2.897	3.156	3.391
S.D.	1.492	0.210	0.241	0.188
S.E.M.	0.277	0.210	0.241	0.188
P Value	0.647	0.086	0.445	NA



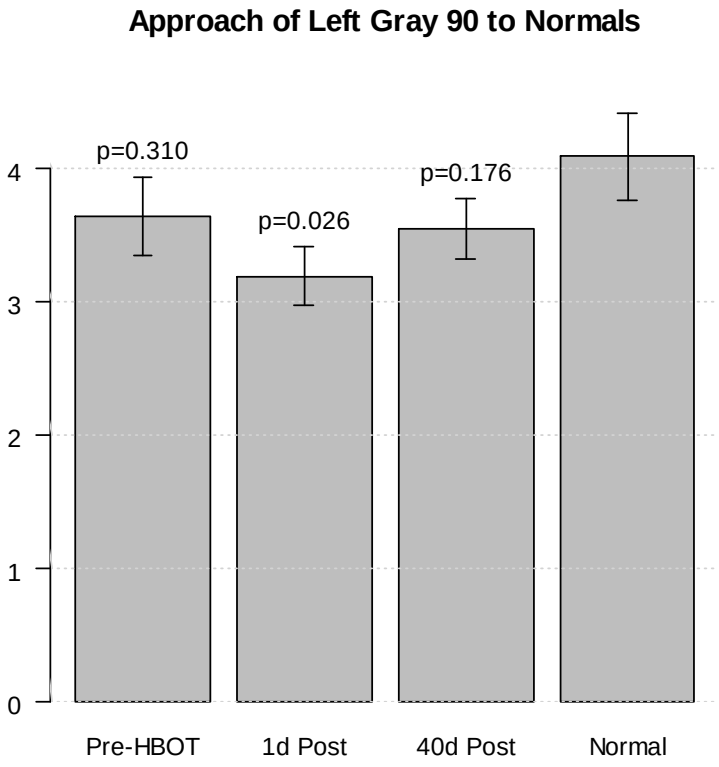
Approach of Left Gray 60 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	4.038	3.496	3.347	3.913
S.D.	1.160	0.225	0.172	0.254
S.E.M.	0.215	0.225	0.172	0.254
P Value	0.708	0.224	0.071	NA



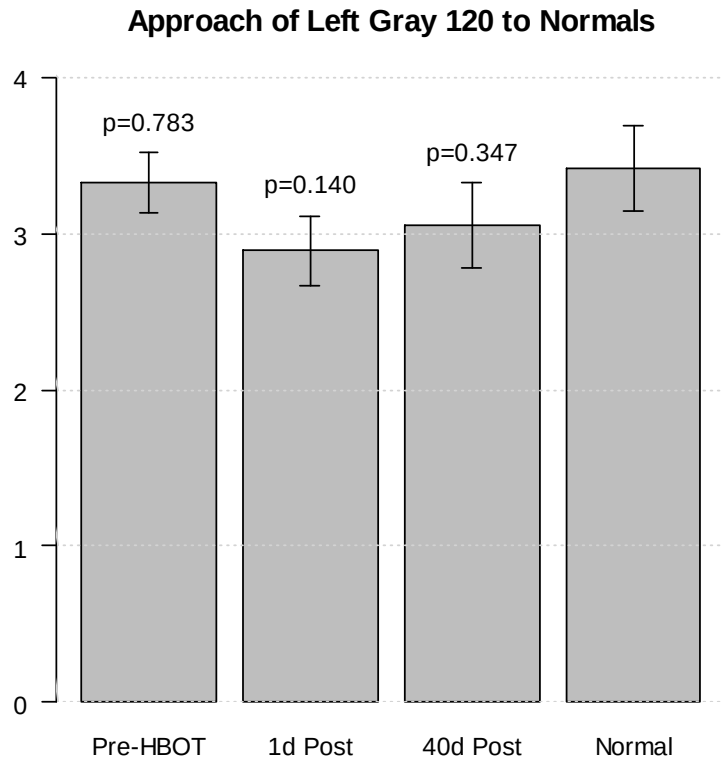
Approach of Left Gray 90 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	3.639	3.189	3.546	4.087
S.D.	1.598	0.222	0.229	0.321
S.E.M.	0.297	0.222	0.229	0.321
P Value	0.310	0.026	0.176	NA



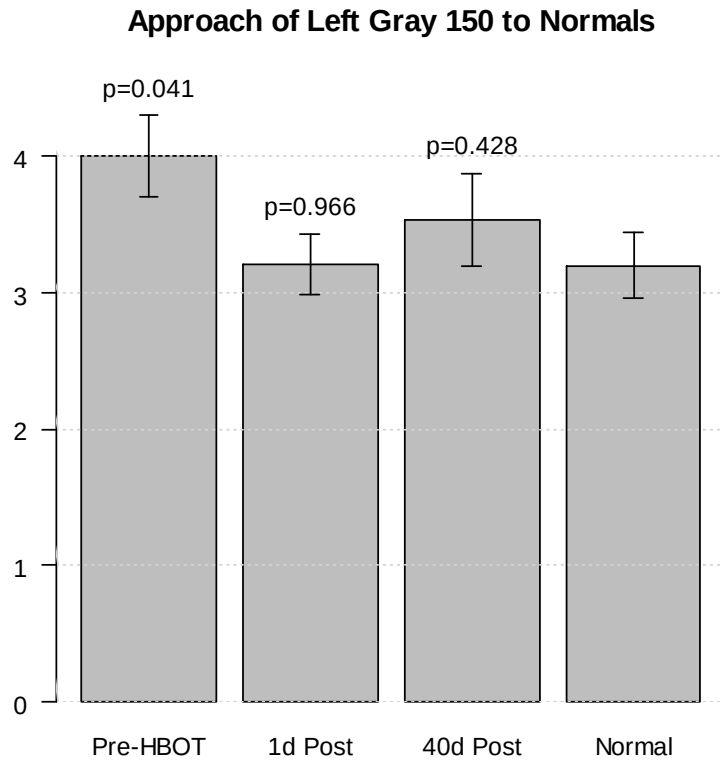
Approach of Left Gray 120 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	3.328	2.891	3.053	3.420
S.D.	1.035	0.223	0.273	0.274
S.E.M.	0.192	0.223	0.273	0.274
P Value	0.783	0.140	0.347	NA



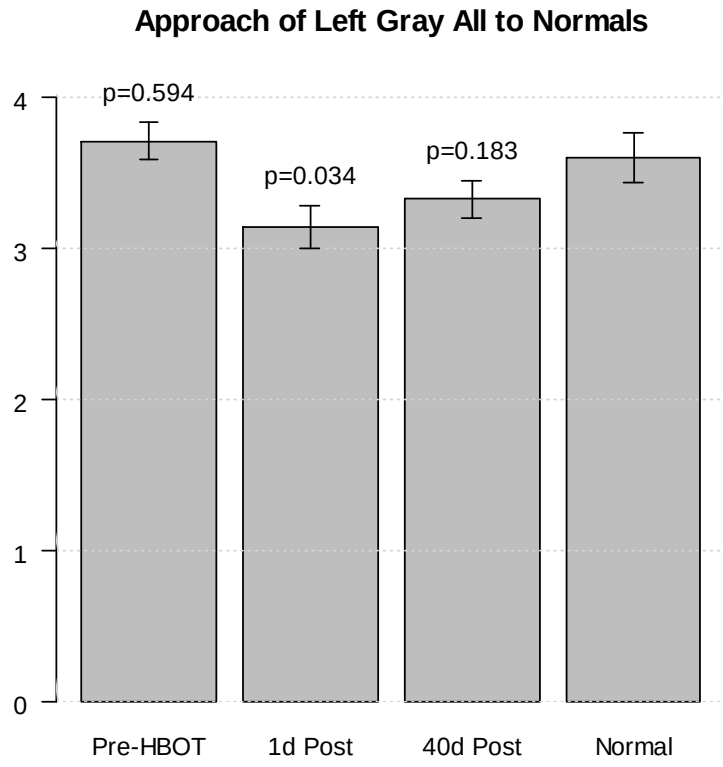
Approach of Left Gray 150 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	4.002	3.215	3.536	3.201
S.D.	1.609	0.222	0.344	0.238
S.E.M.	0.299	0.222	0.344	0.238
P Value	0.041	0.966	0.428	NA



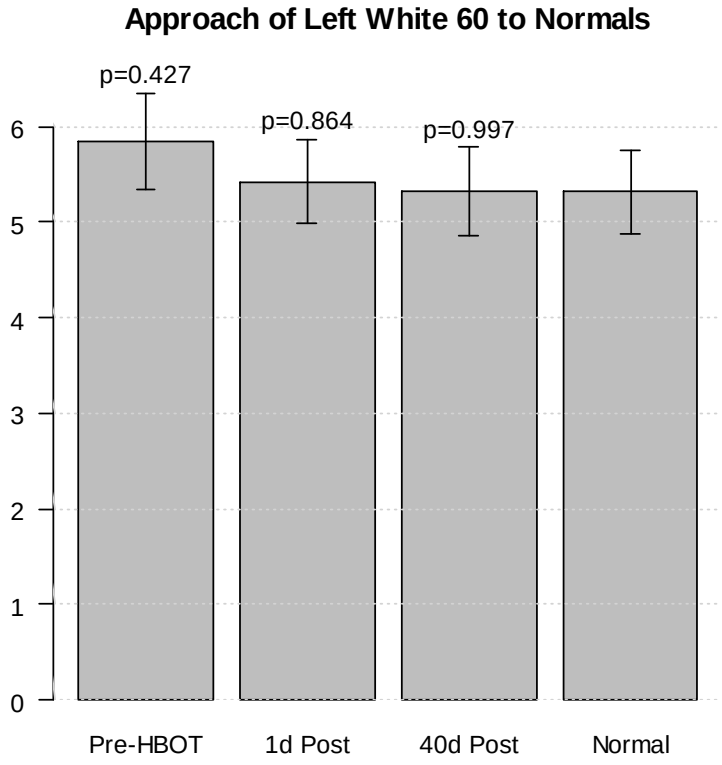
Approach of Left Gray All CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	3.710	3.138	3.328	3.603
S.D.	0.647	0.141	0.125	0.161
S.E.M.	0.120	0.141	0.125	0.161
P Value	0.594	0.034	0.183	NA



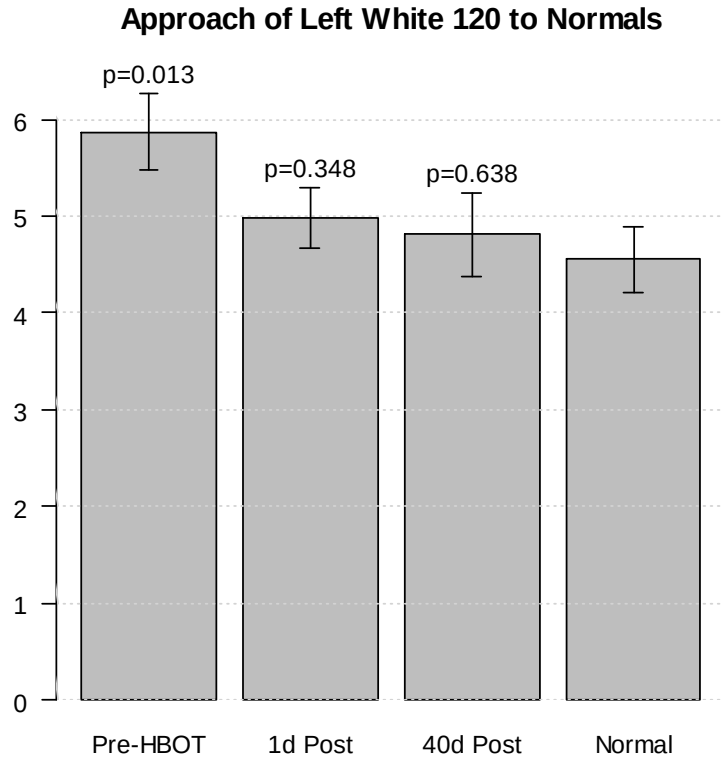
Approach of Left White 60 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	5.853	5.427	5.318	5.320
S.D.	2.694	0.439	0.464	0.439
S.E.M.	0.500	0.439	0.464	0.439
P Value	0.427	0.864	0.997	NA



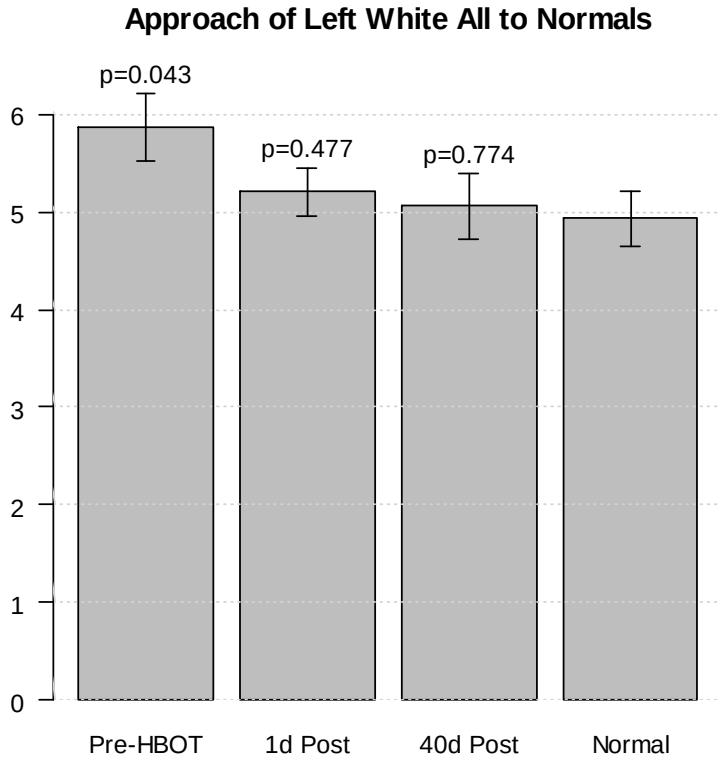
Approach of Left White 120 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	5.872	4.984	4.808	4.550
S.D.	2.118	0.312	0.428	0.335
S.E.M.	0.393	0.312	0.428	0.335
P Value	0.013	0.348	0.638	NA



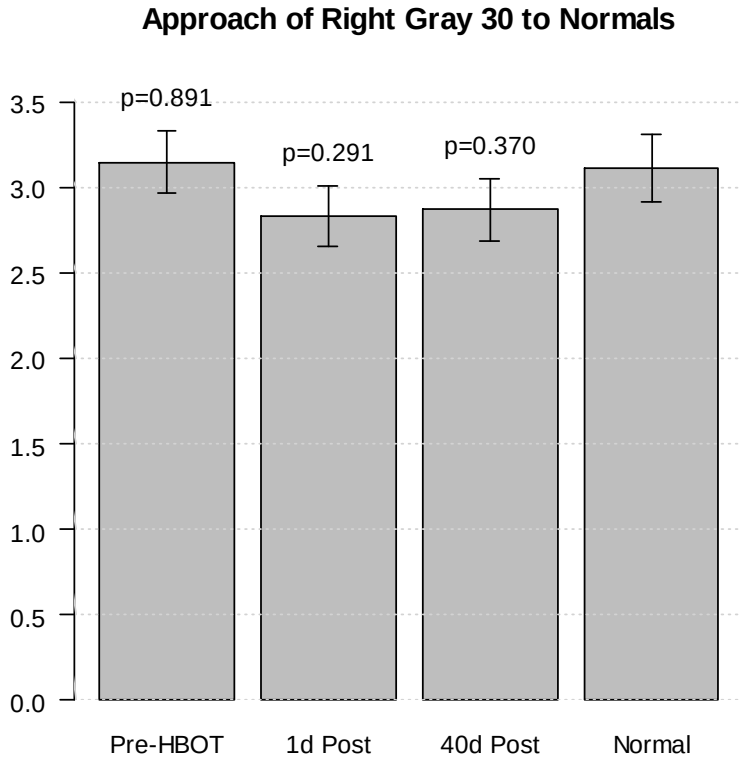
Approach of Left White All CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	5.863	5.205	5.063	4.935
S.D.	1.855	0.247	0.336	0.285
S.E.M.	0.344	0.247	0.336	0.285
P Value	0.043	0.477	0.774	NA



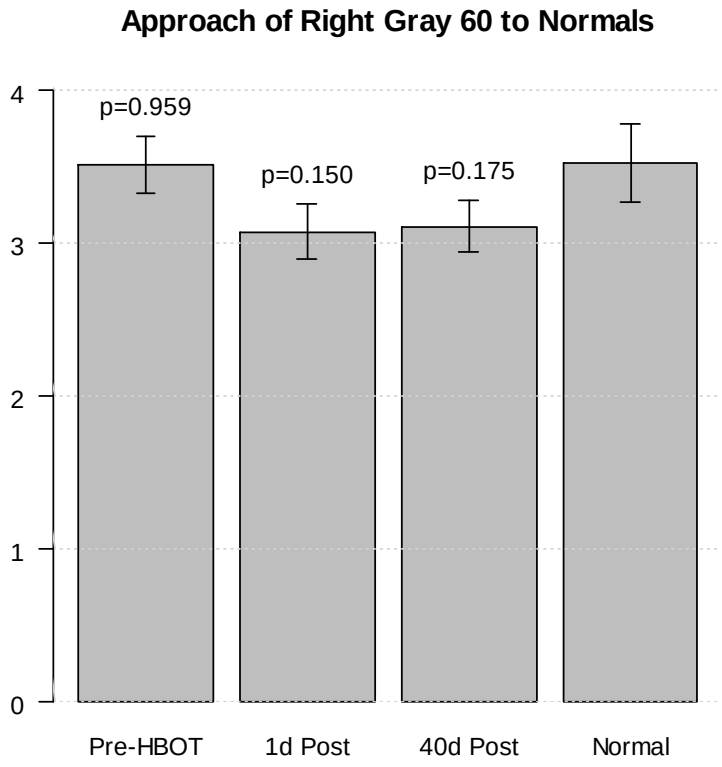
Approach of Right Gray 30 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	3.150	2.831	2.872	3.113
S.D.	0.986	0.178	0.180	0.196
S.E.M.	0.183	0.178	0.180	0.196
P Value	0.891	0.291	0.370	NA



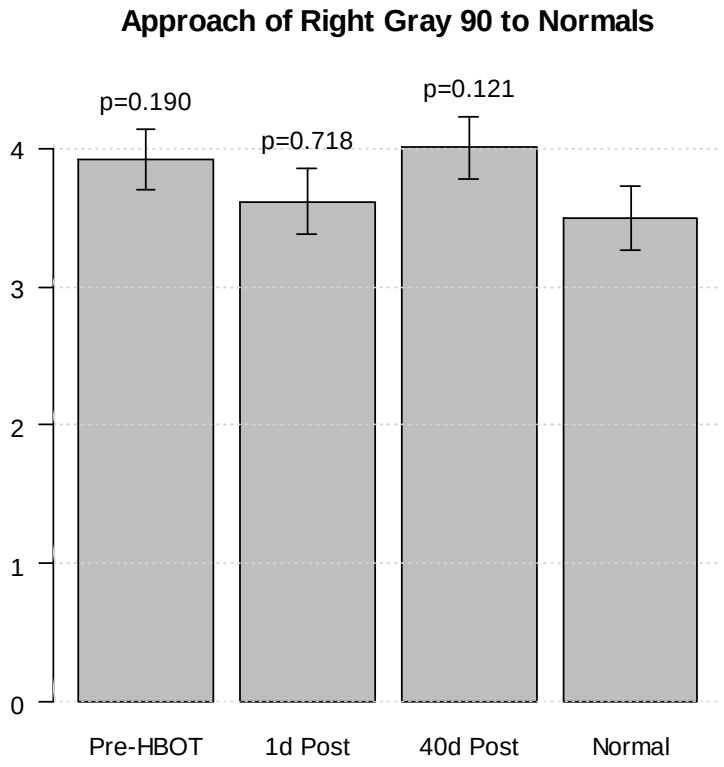
Approach of Right Gray 60 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	3.514	3.076	3.111	3.530
S.D.	1.024	0.179	0.168	0.254
S.E.M.	0.190	0.179	0.168	0.254
P Value	0.959	0.150	0.175	NA



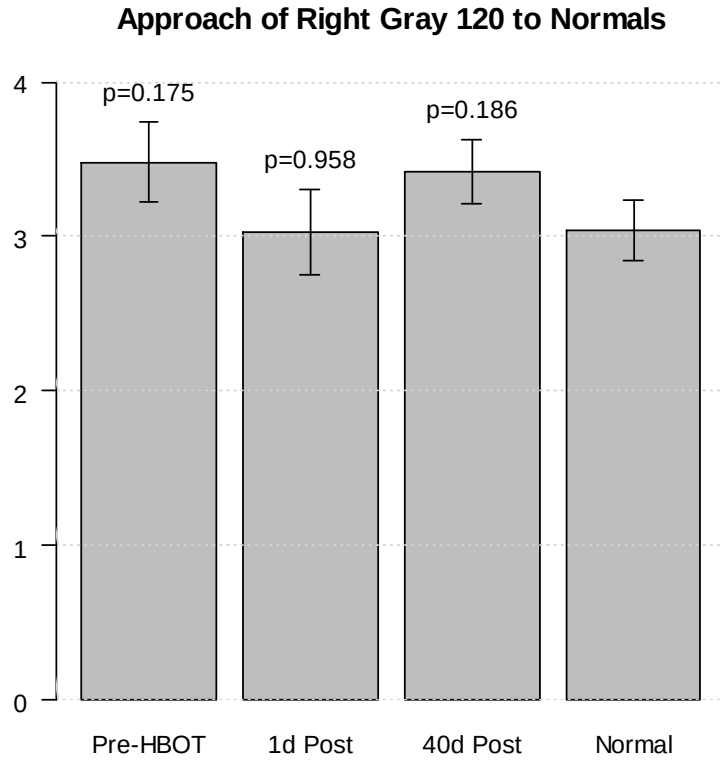
Approach of Right Gray 90 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	3.923	3.618	4.006	3.496
S.D.	1.192	0.242	0.225	0.232
S.E.M.	0.221	0.242	0.225	0.232
P Value	0.190	0.718	0.121	NA



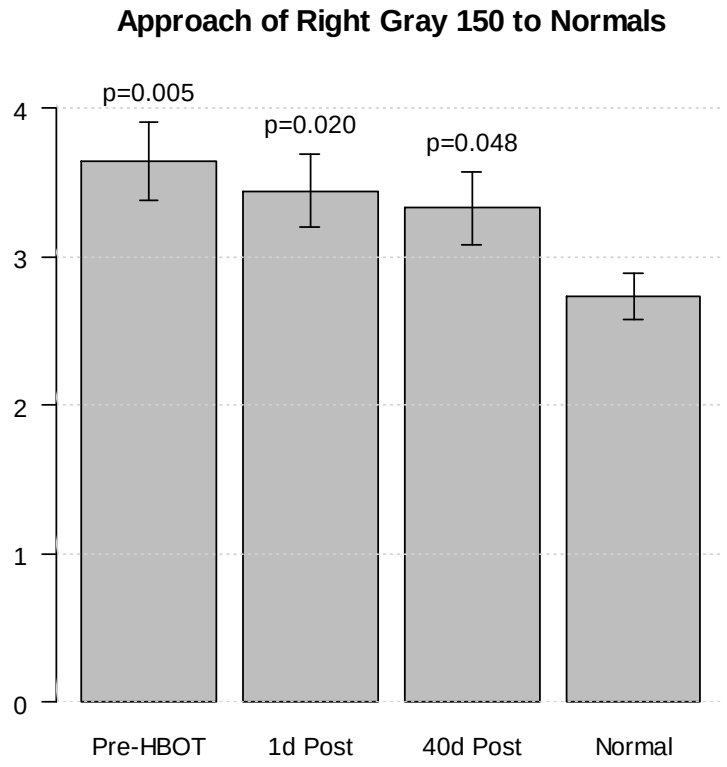
Approach of Right Gray 120 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	3.482	3.024	3.419	3.042
S.D.	1.376	0.275	0.205	0.194
S.E.M.	0.255	0.275	0.205	0.194
P Value	0.175	0.958	0.186	NA



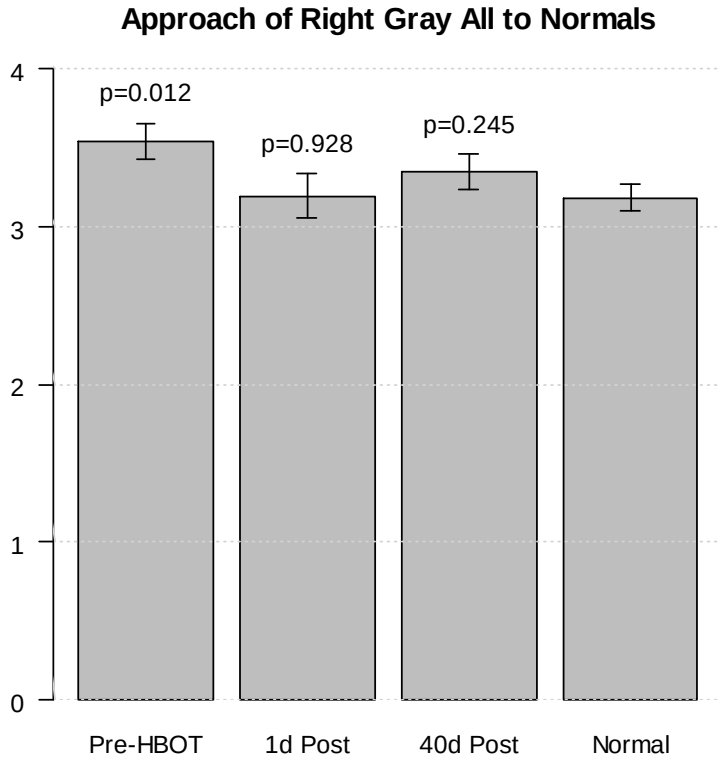
Approach of Right Gray 150 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	3.648	3.444	3.331	2.739
S.D.	1.435	0.248	0.246	0.157
S.E.M.	0.266	0.248	0.246	0.157
P Value	0.005	0.020	0.048	NA



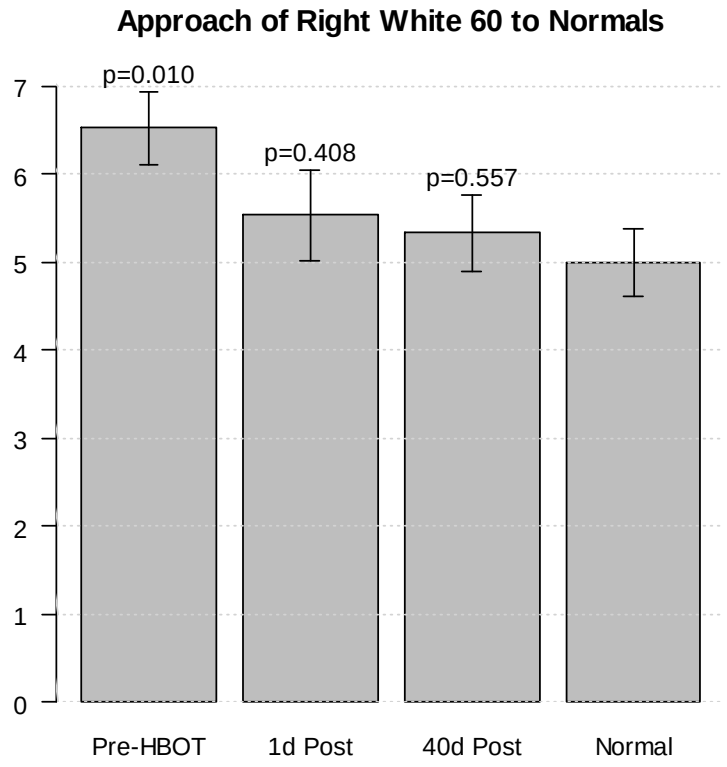
Approach of Right Gray All CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	3.543	3.199	3.348	3.184
S.D.	0.592	0.136	0.111	0.084
S.E.M.	0.110	0.136	0.111	0.084
P Value	0.012	0.928	0.245	NA



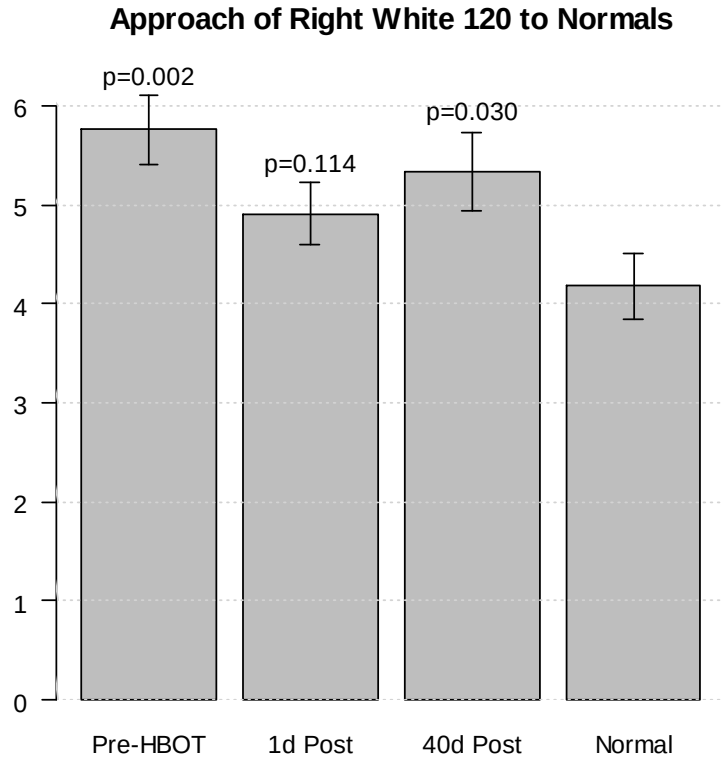
Approach of Right White 60 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	6.523	5.533	5.336	4.991
S.D.	2.243	0.518	0.434	0.391
S.E.M.	0.417	0.518	0.434	0.391
P Value	0.010	0.408	0.557	NA



Approach of Right White 120 CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	5.758	4.910	5.337	4.182
S.D.	1.892	0.309	0.399	0.332
S.E.M.	0.351	0.309	0.399	0.332
P Value	0.002	0.114	0.030	NA



Approach of Right White All CV to Values in Control Subjects

	Pre-HBOT	Post 1	Post 40	Control
Mean	6.141	5.222	5.337	4.587
S.D.	1.521	0.321	0.368	0.221
S.E.M.	0.283	0.321	0.368	0.221
P Value	0.000	0.109	0.087	NA