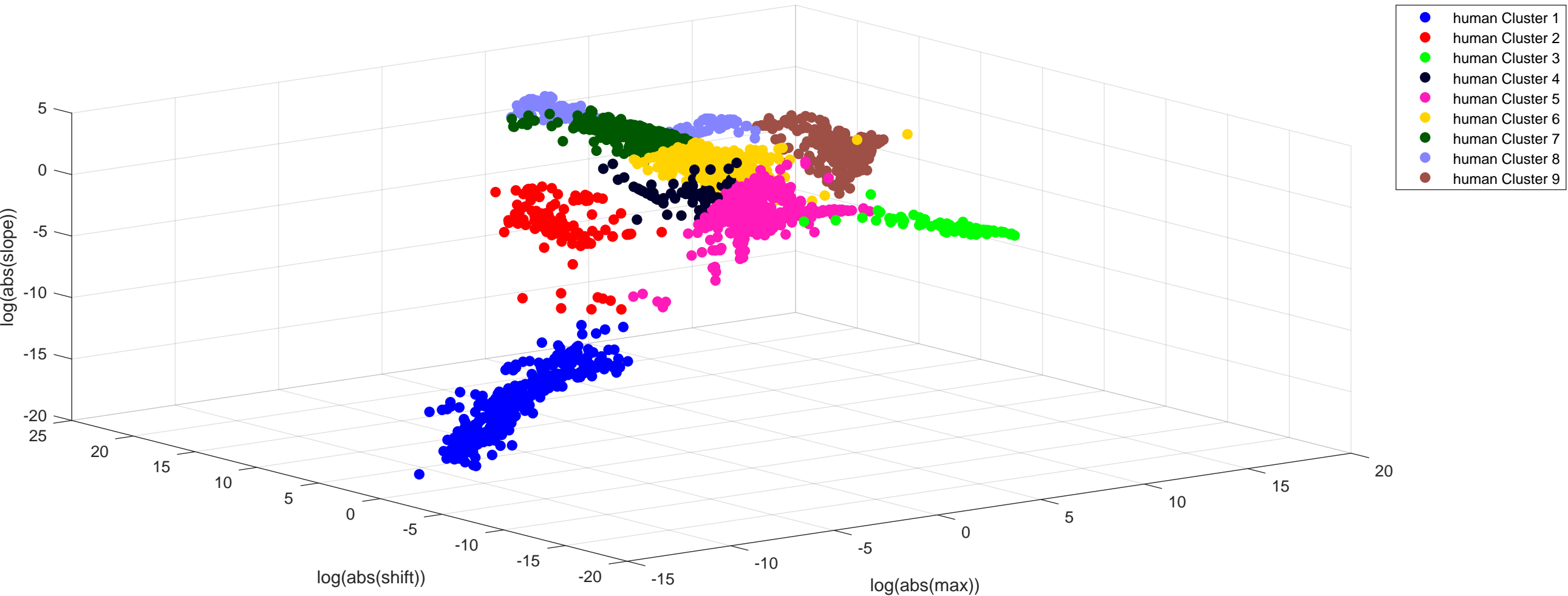


human 3d Clustering
Number Of Unique Subjects:35
Number of Sessions:2510
Number Of approach avoid Sessions:683 Number of Subjects:25
Number Of moral Sessions:582 Number of Subjects:29
Number Of probability Sessions:628 Number of Subjects:29
Number Of social Sessions:617 Number of Subjects:27
Date Created:05-10-2024
Created By create3d_cluster_plot_for_human.m
for session_c_ost_c_lustering



Experiment 1: approach_a void Experiment 2: socialP-Value Per DG_c hi2test3: 0.00076354

Number Of approach_a void Sessions:683

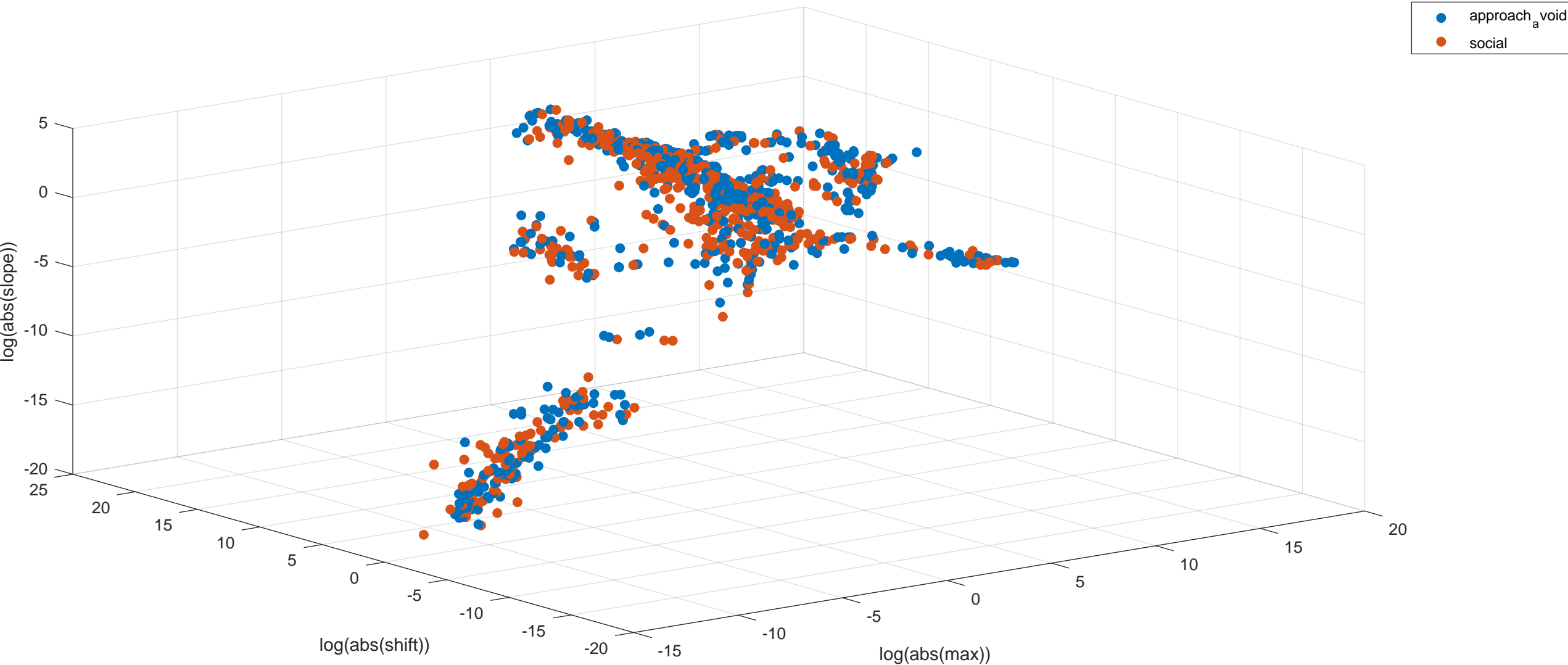
Number Of approach_a void Subjects:25

Number of social Sessions:617

Number of social Subjects:27

Date Created:05-8-2024

Created By compare_human_data_to_human_data_using_dg_for_sig.m
for session_c ost_c clustering



approach_a void Vs social P Value from dg_c hi2test3 0.00076354

Number Of approach_a void Sessions:683

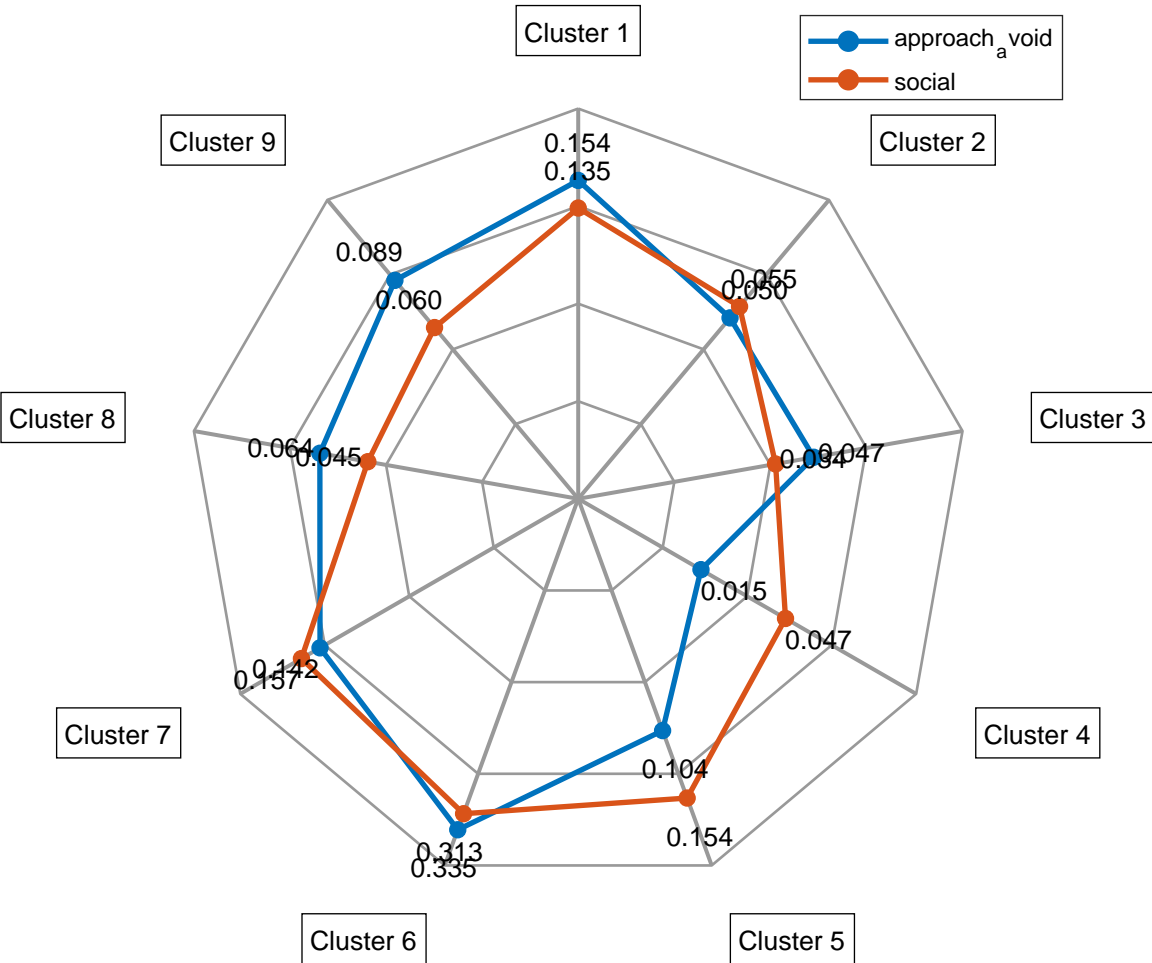
Number Of approach_a void Subjects:25

Number of social Sessions:617

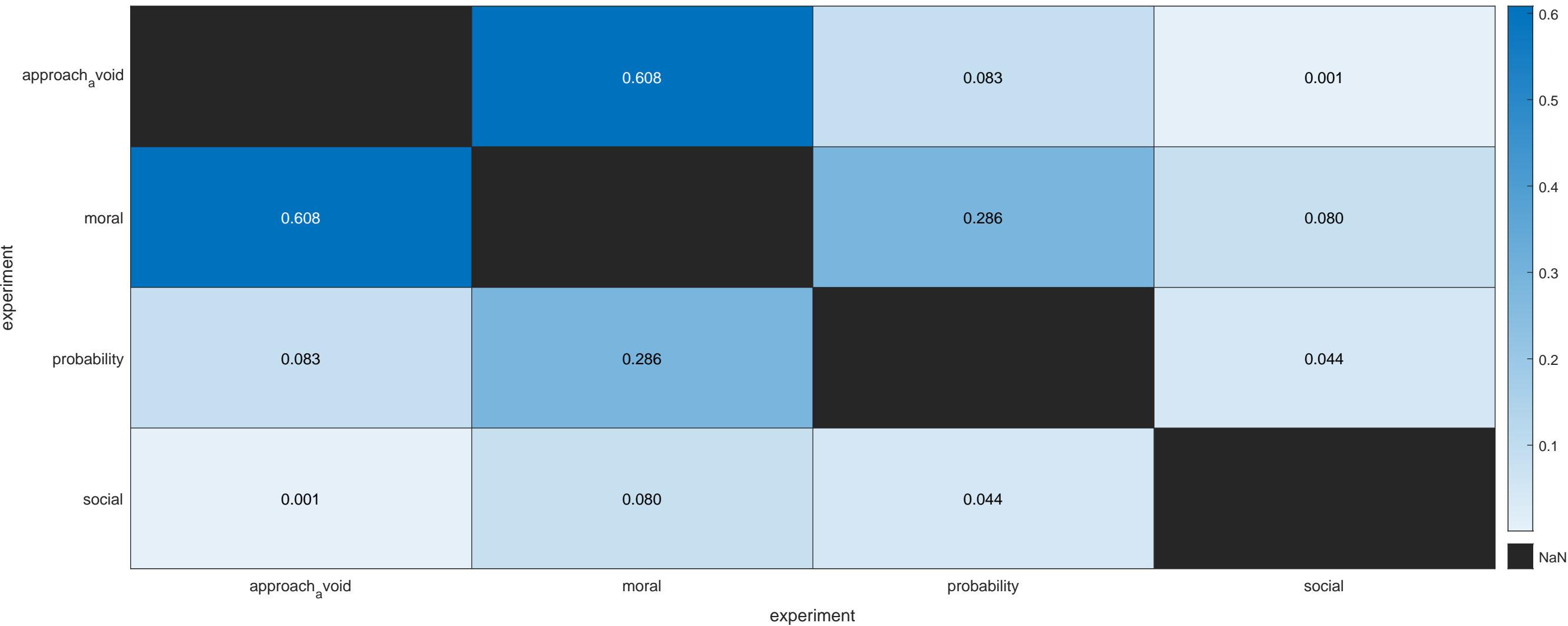
Number of social Subjects:27

Date Created:05-10-2024

created by create_spider_plots_with_sig_using_dg
for session_c ost_c clustering



Significance Determined By Chi Squared Test
3 Indicates Signigance Level > 0.05
Number Of approach avoid Sessions:683 Number of Subjects:25
Number Of moral Sessions:582 Number of Subjects:29
Number Of probability Sessions:628 Number of Subjects:29
Number Of social Sessions:617 Number of Subjects:27
Date Created:05-8-2024
Created By create_heat_maps_for_chi_squared_significance.m
for session_c clustering



approach_avoid Number of Data Points:683 Number Of Subjects:25

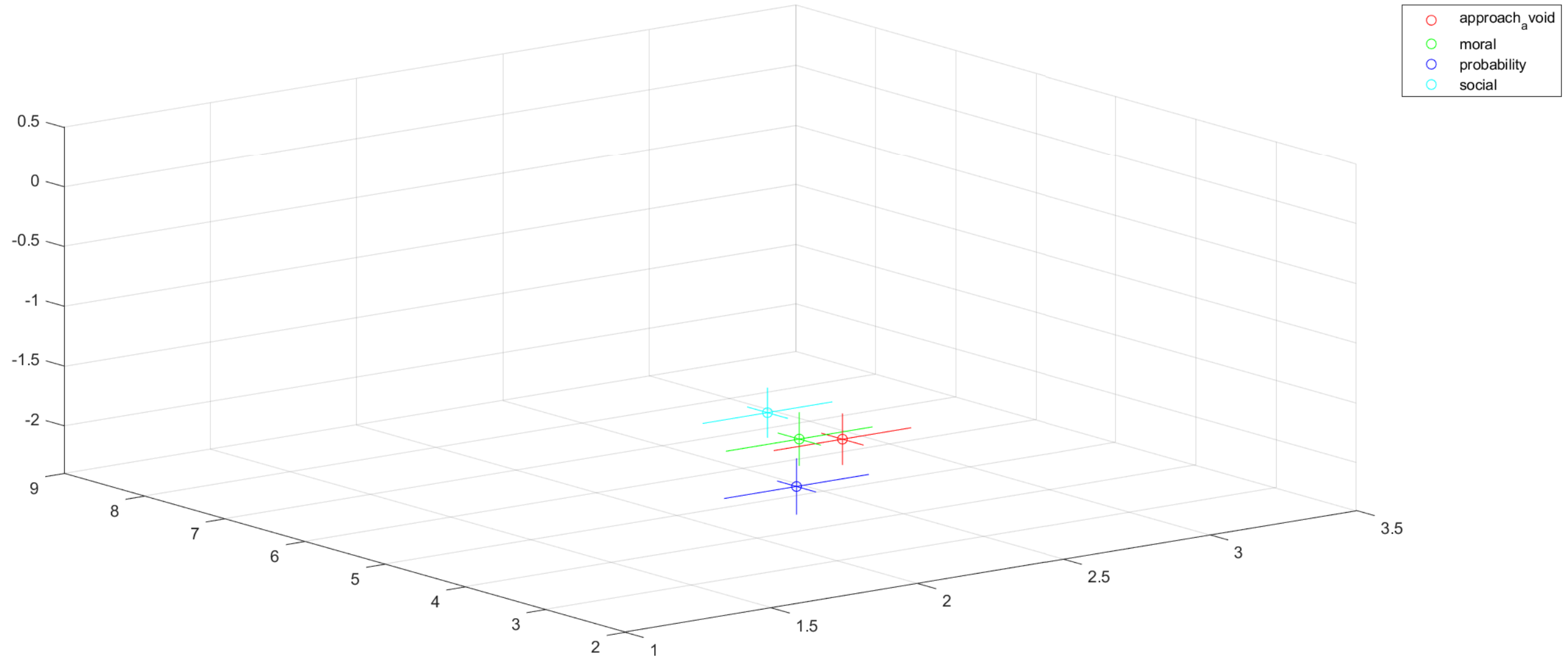
moral Number of Data Points:582 Number Of Subjects:29

probability Number of Data Points:628 Number Of Subjects:29

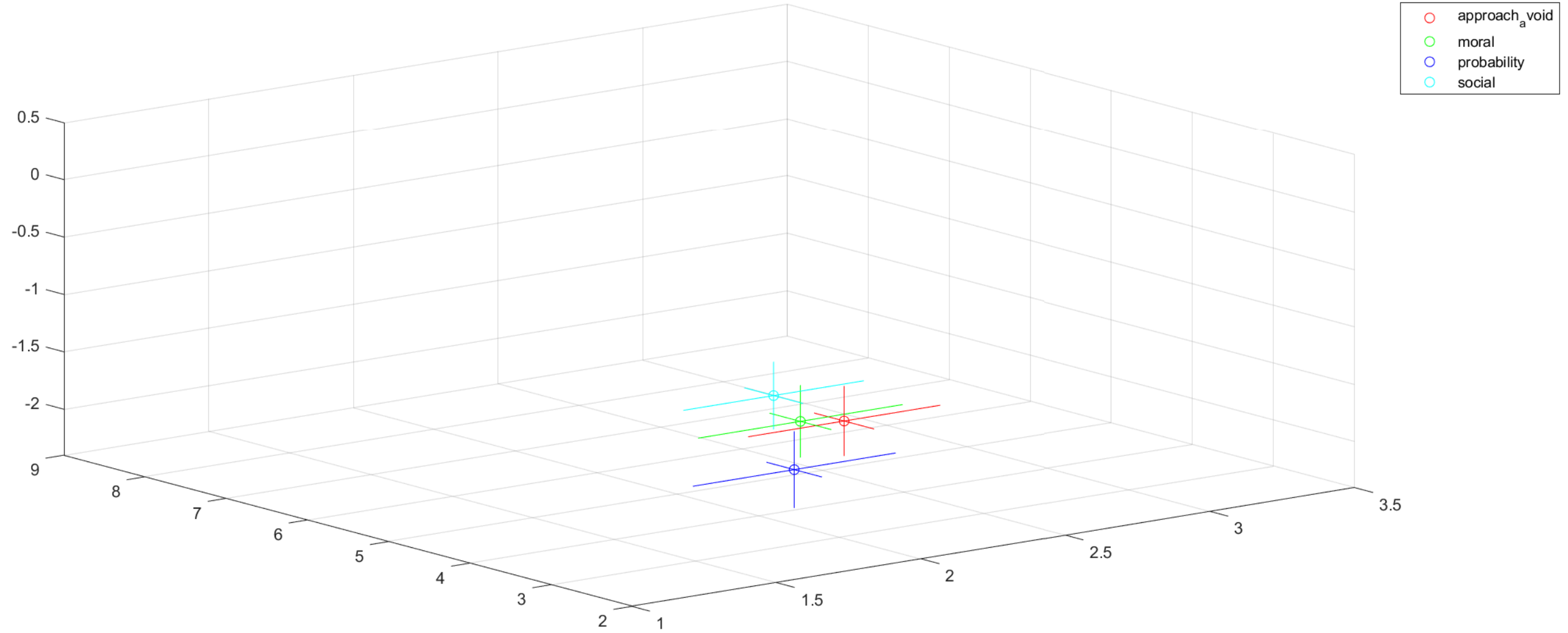
social Number of Data Points:617 Number Of Subjects:27

Date Created:05-8-2024

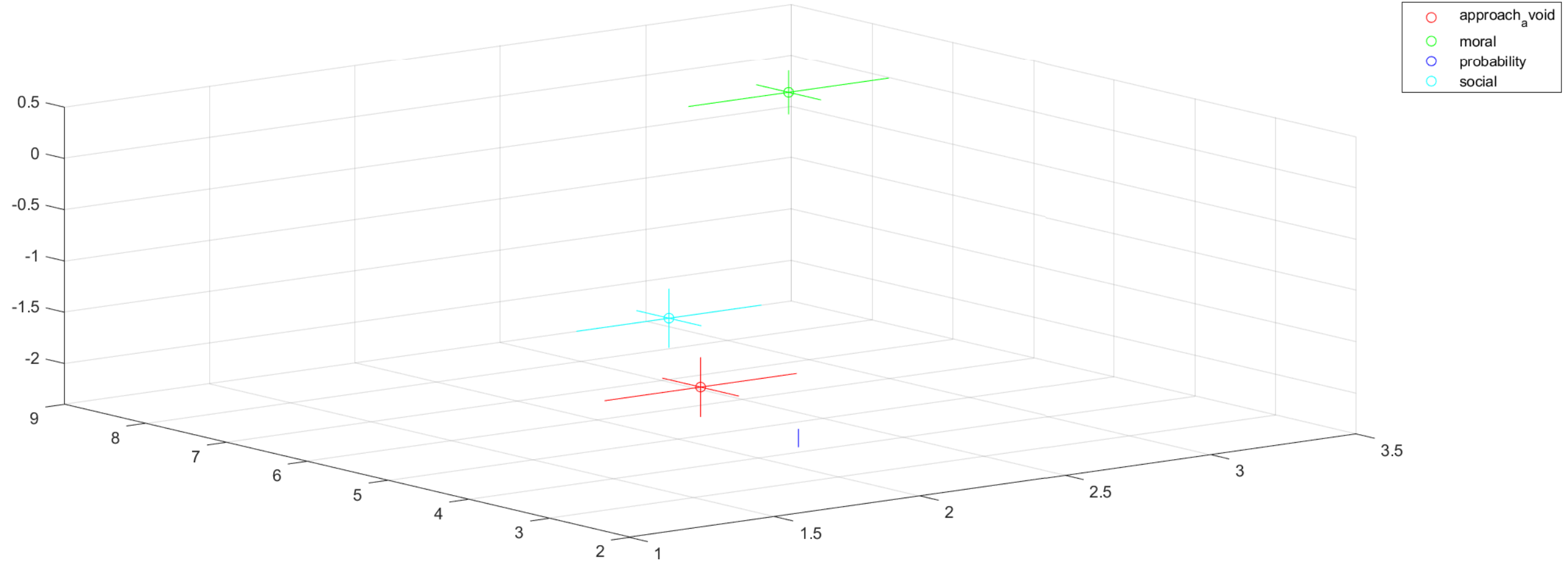
Created By get_average_xyz_per_human_experiment_using_spectral_table.m
for session_c ost_c lustering



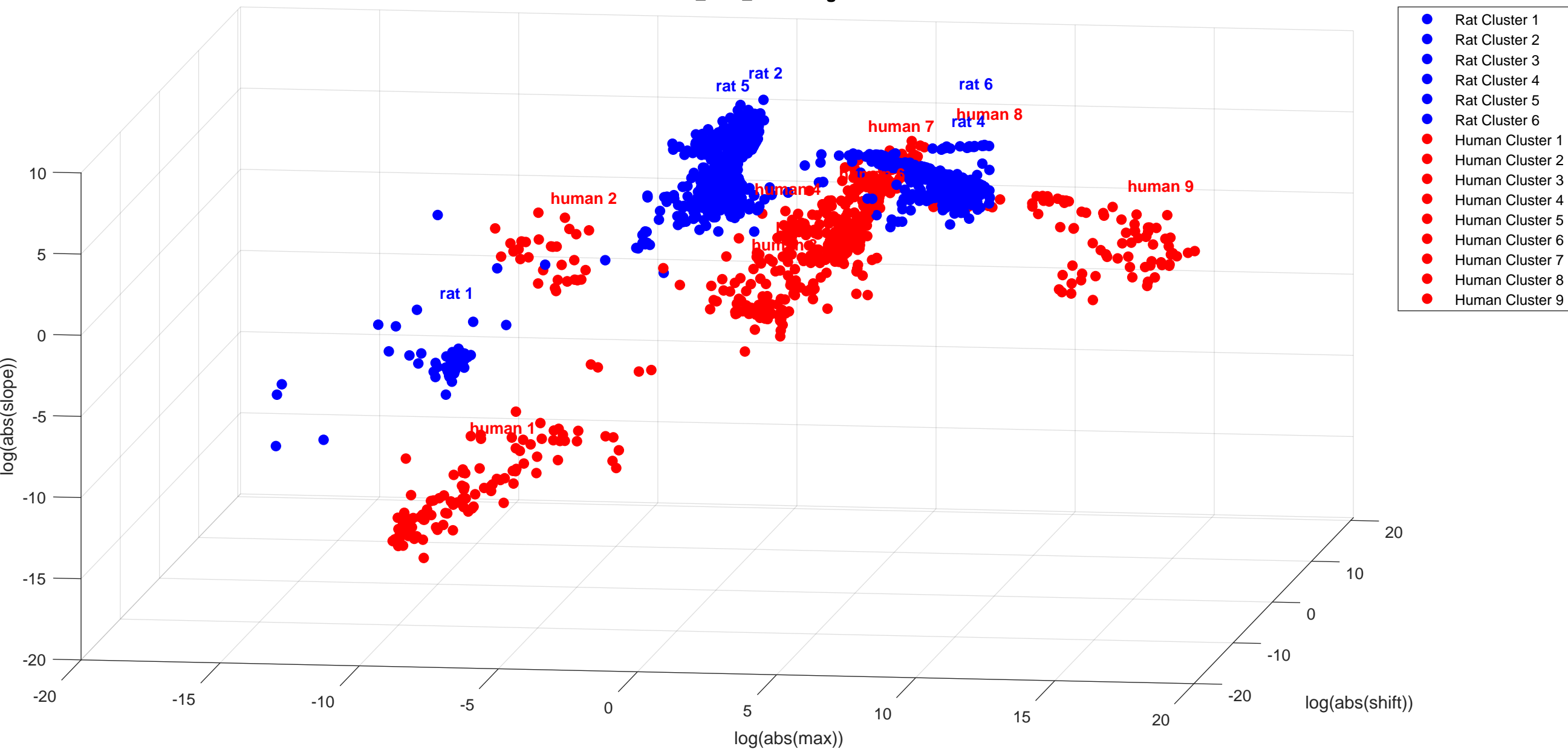
Each Recreated from 1000 random samplings
approach_avoid Number of Data Points:683 Number Of Subjects:25
moral Number of Data Points:582 Number Of Subjects:29
probability Number of Data Points:628 Number Of Subjects:29
social Number of Data Points:617 Number Of Subjects:27
Date Created:05-8-2024
Created By run_average_sigmoids_n_times.m
for session_c_ost_c_lustering



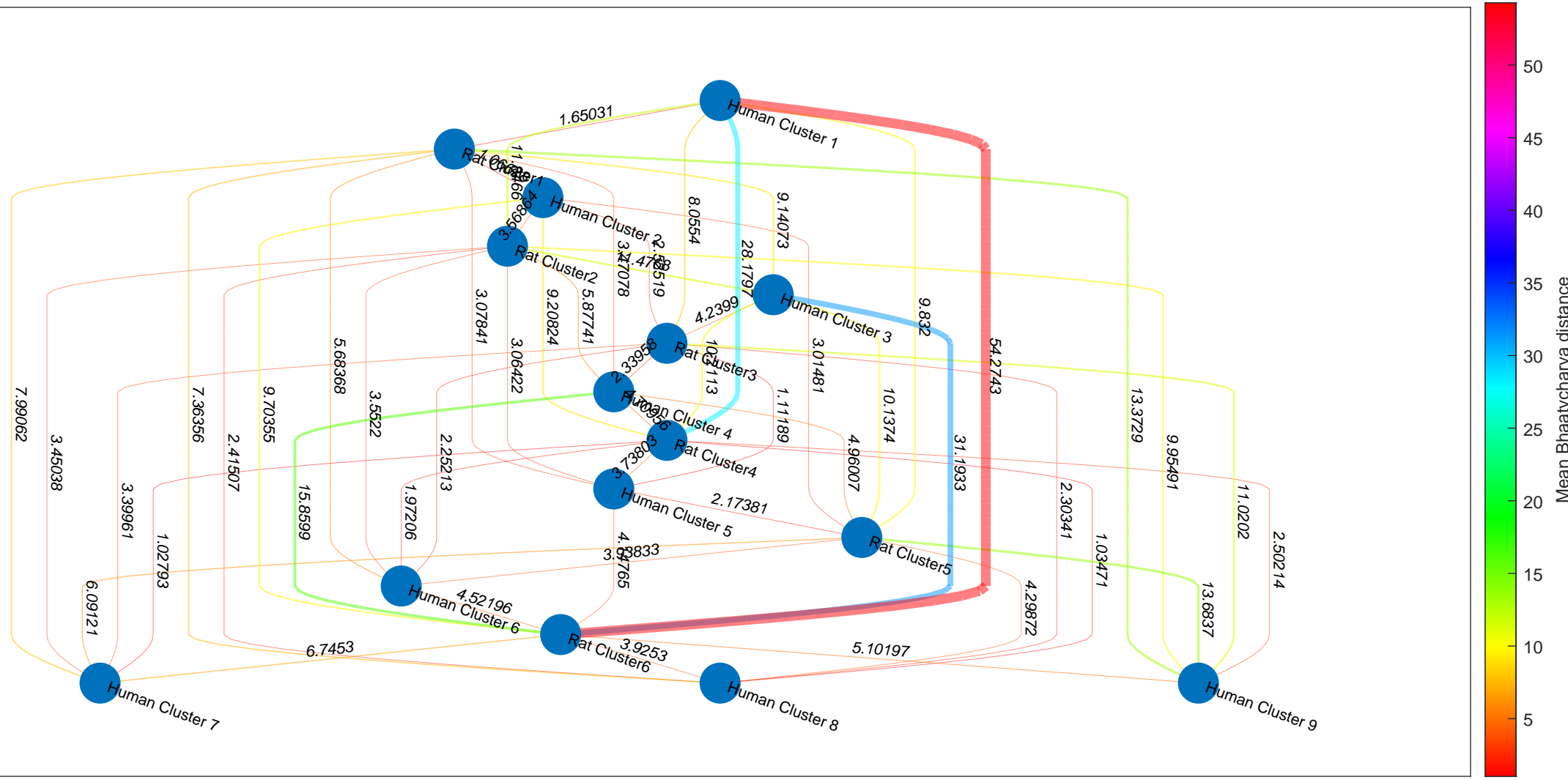
approach_avoid Random Proportions: 0.14 0.11 0.1 0.09 0.09 0.14 0.13 0.12 0.07 True Proportions: 0.15 0.05 0.05 0.01 0.1 0.34 0.14 0.06 0.09
 approach_avoid Number of Data Points:683 Number Of Subjects:25
 moral Random Proportions: 0.05 0.13 0.01 0.1 0.05 0.08 0.24 0.22 0.11 True Proportions: 0.15 0.05 0.03 0.02 0.13 0.31 0.14 0.07 0.09
 moral Number of Data Points:582 Number Of Subjects:29
 probability Random Proportions: 0.19 0.11 0.06 0.14 0.01 0.14 0.01 0.13 0.2 True Proportions: 0.17 0.04 0.03 0.03 0.12 0.32 0.17 0.04 0.09
 probability Number of Data Points:628 Number Of Subjects:29
 social Random Proportions: 0.13 0.04 0.01 0.19 0.15 0.17 0.02 0.24 0.05 True Proportions: 0.13 0.06 0.03 0.05 0.15 0.31 0.16 0.05 0.06
 social Number of Data Points:617 Number Of Subjects:27
 Date Created:05-8-2024
 Created By recreate_average_xyz_using_different_proportions.m
 for session_c_ost_c_clustering



Human Data Approach Avoid: # of subjects:25 # of sessions:683
Rat Data: # of subjects:42 # of sessions: 1616
Date Created:05-10-2024
created by create_human_to_rat_comparison_ver_4
for session_cost_clustering



Mean Bhaatyacharya Distance Map
Number Of Human Approach Avoid Subjects: 25
Number of Human Approach Avoid Sessions: 683
Number Of Rat Subjects: 42
Number of Rat Sessions: 1616
Date Created:05-10-2024
Created by create_a_bhaat_dist_tree_comparing_rat_to_human.m
for session_c clustering



Experiment 1: approach_a void Experiment 2: probabilityP-Value Per DG_c hi2test3: 0.082574

Number Of approach_a void Sessions:683

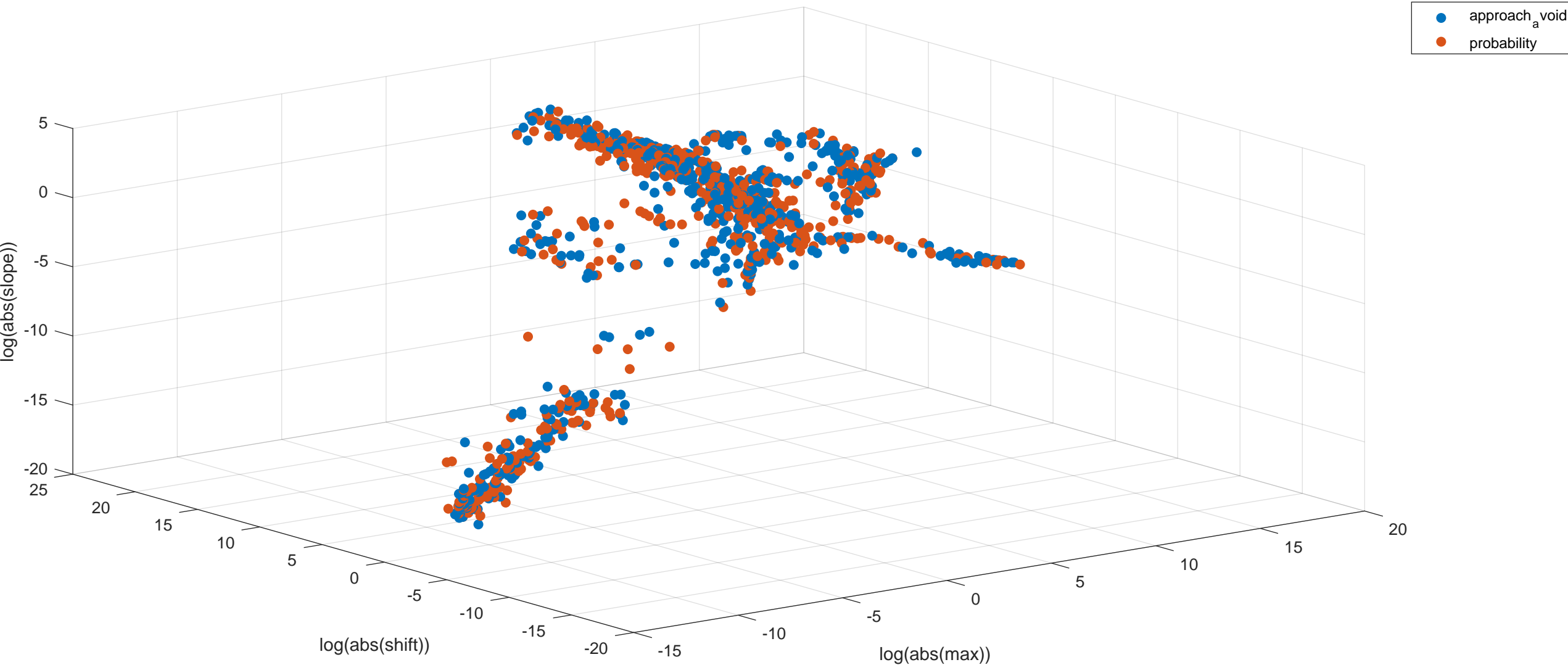
Number Of approach_a void Subjects:25

Number of probability Sessions:628

Number of probability Subjects:29

Date Created:05-8-2024

Created By compare_human_data_to_human_data_using_dg_for_sig.m
for session_c ost_c clustering



Experiment 1: approach_a void Experiment 2: moral P-Value Per DG_c hi2test3: 0.60822

Number Of approach_a void Sessions:683

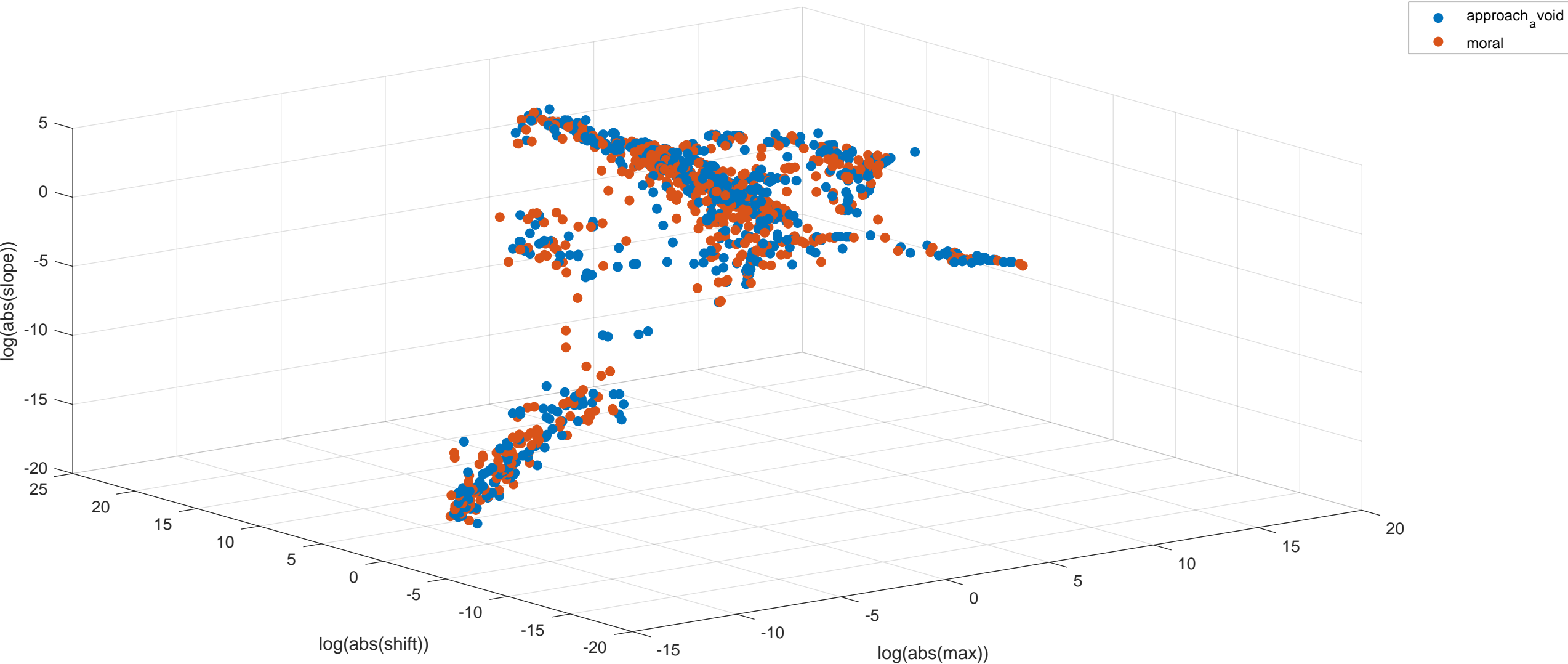
Number Of approach_a void Subjects:25

Number of moral Sessions:582

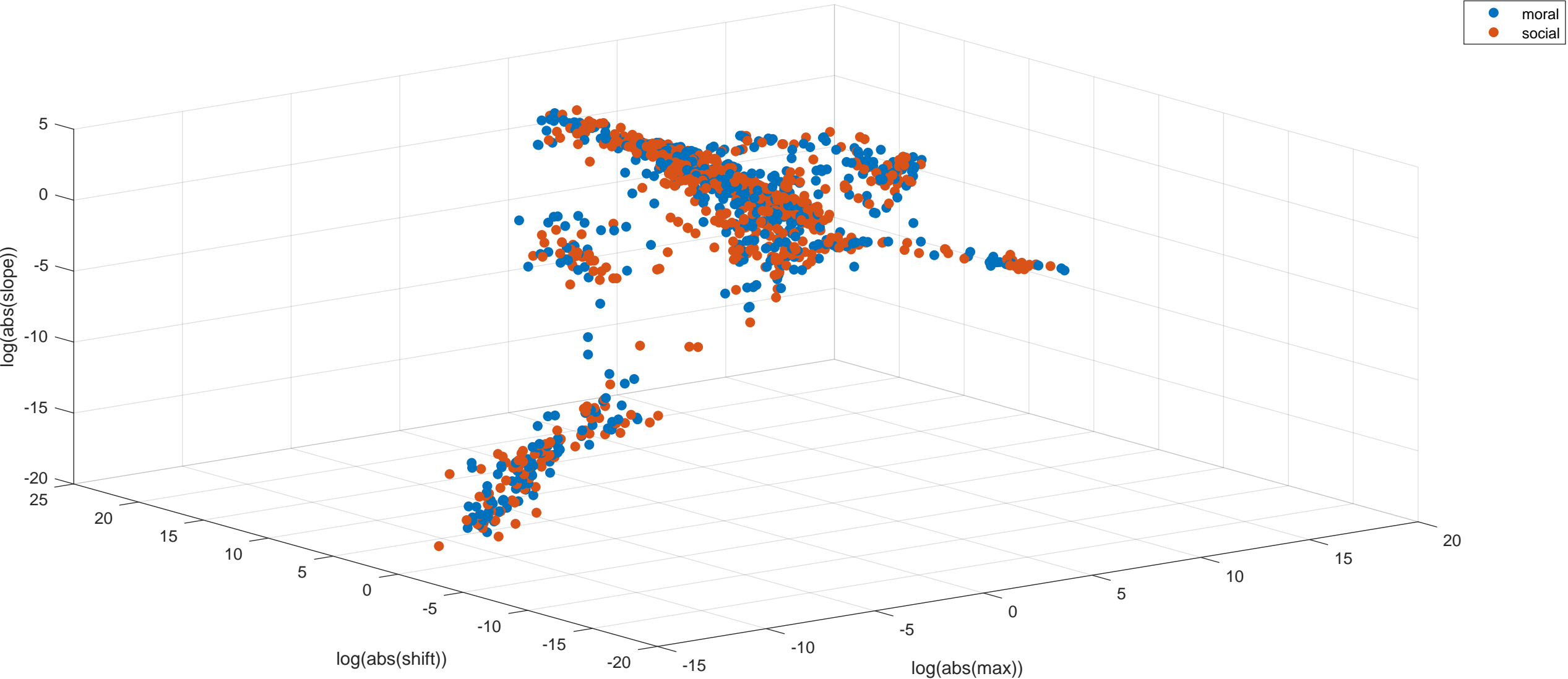
Number of moral Subjects:29

Date Created:05-8-2024

Created By compare_human_data_to_human_data_using_dg_for_sig.m
for session_c ost_c clustering



Experiment 1: moral Experiment 2: social P-Value Per DG_c hi2test3: 0.079518
Number Of moral Sessions:582
Number Of moral Subjects:29
Number of social Sessions:617
Number of social Subjects:27
Date Created:05-8-2024
Created By compare_human_data_to_human_data_using_dg_for_sig.m
for session_c ost_c lustering



Experiment 1: moral Experiment 2: probability P-Value Per DG_c hi2test3: 0.28628

Number Of moral Sessions:582

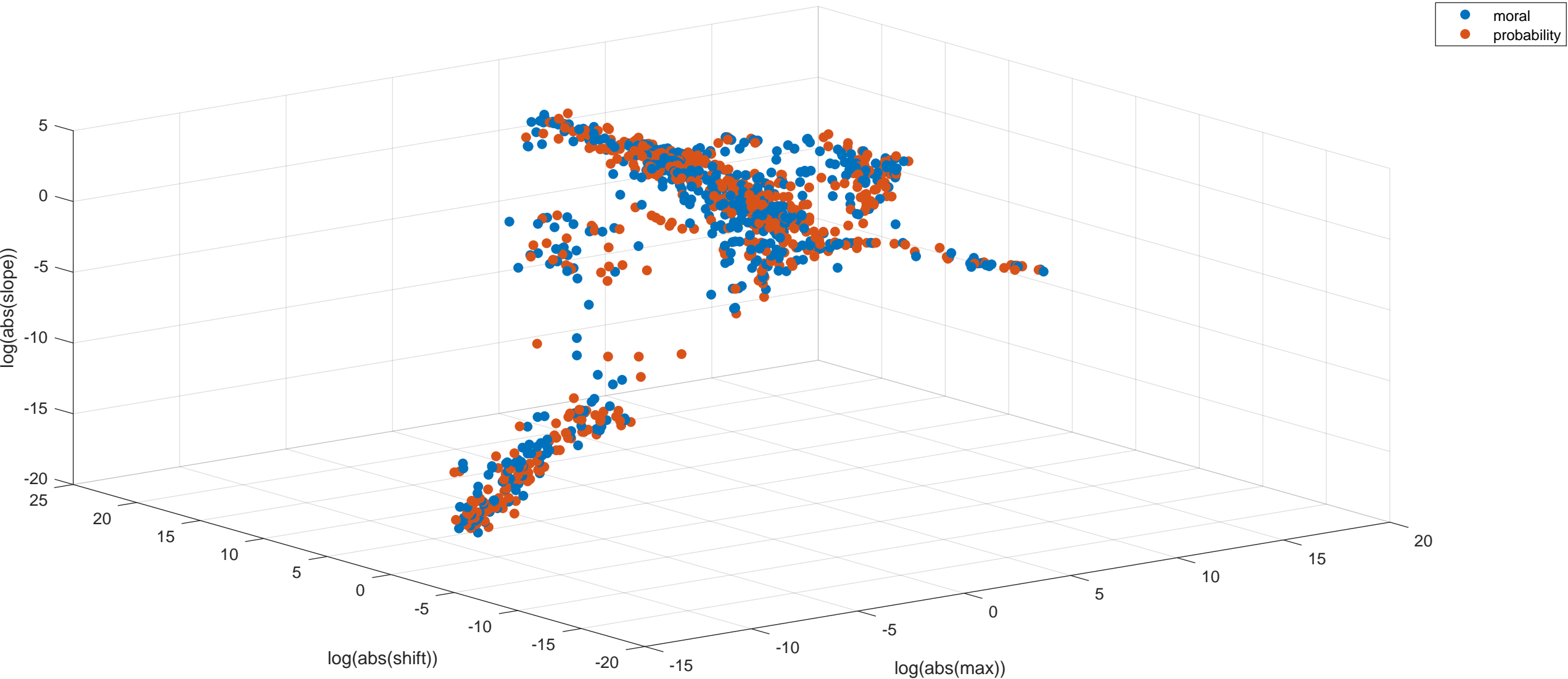
Number Of moral Subjects:29

Number of probability Sessions:628

Number of probability Subjects:29

Date Created:05-8-2024

Created By compare_human_data_to_human_data_using_dg_for_sig.m
for session_c ost_c clustering



Experiment 1: probability Experiment 2: social P-Value Per DG_c hi2test3: 0.04409

Number Of probability Sessions:628

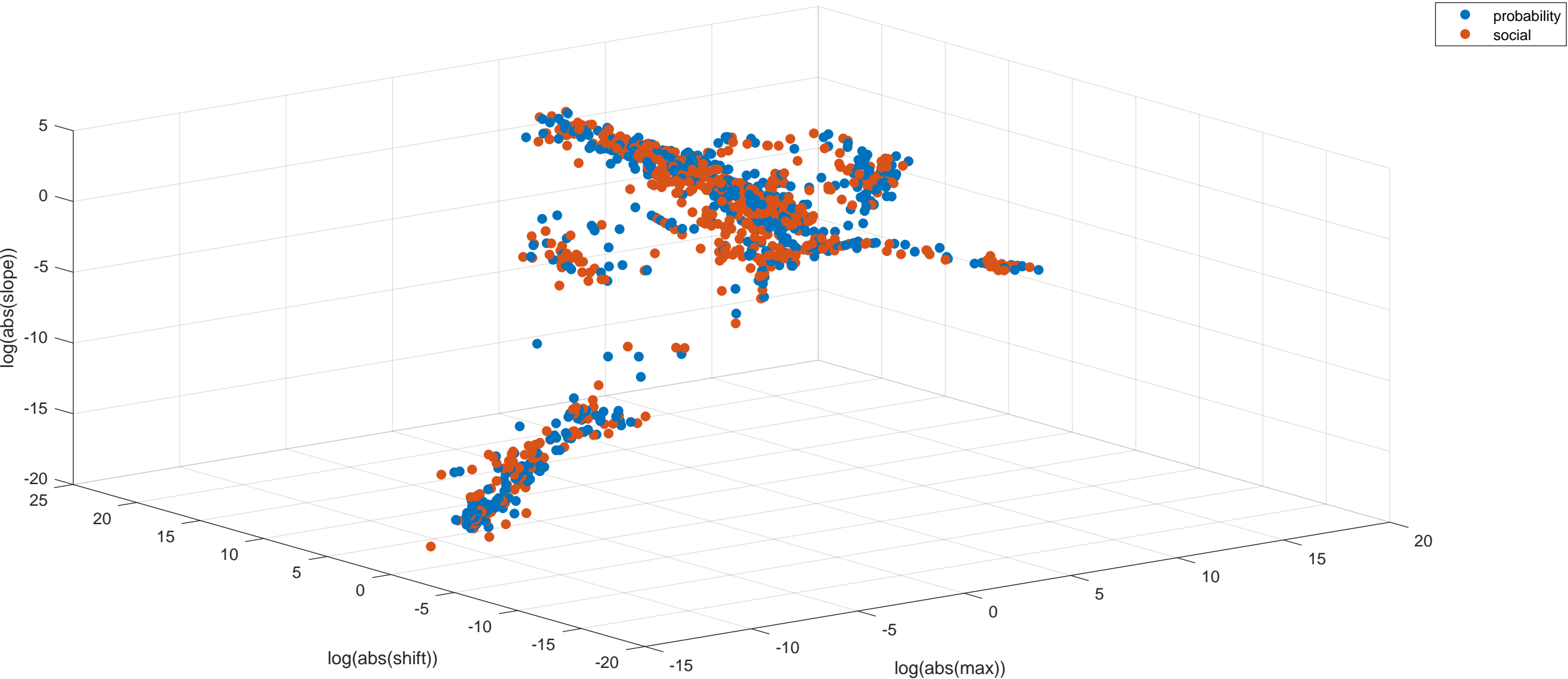
Number Of probability Subjects:29

Number of social Sessions:617

Number of social Subjects:27

Date Created:05-8-2024

Created By compare_human_data_to_human_data_using_dg_for_sig.m
for session_c ost_c clustering



bhaat distance of log(abs(max))

Number Of Sessions:2510

Number Of approach avoid sessions:683

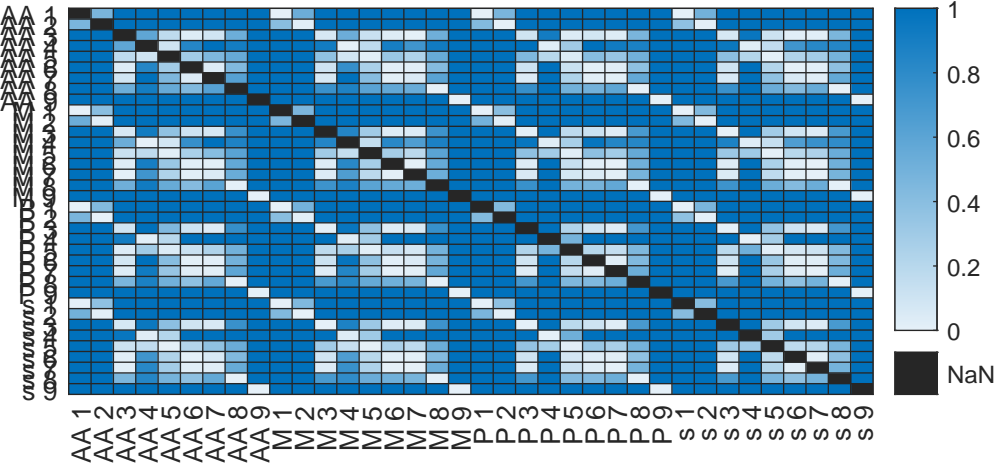
Number Of moral sessions:582

Number Of probability sessions:628

Number Of social sessions:617

Date Created:05-8-2024

Created By mask_given_data_and_create_heat_map.m
for session_cost_clustering



bhaat distance of log(abs(shift))

Number Of Sessions:2510

Number Of approach avoid sessions:683

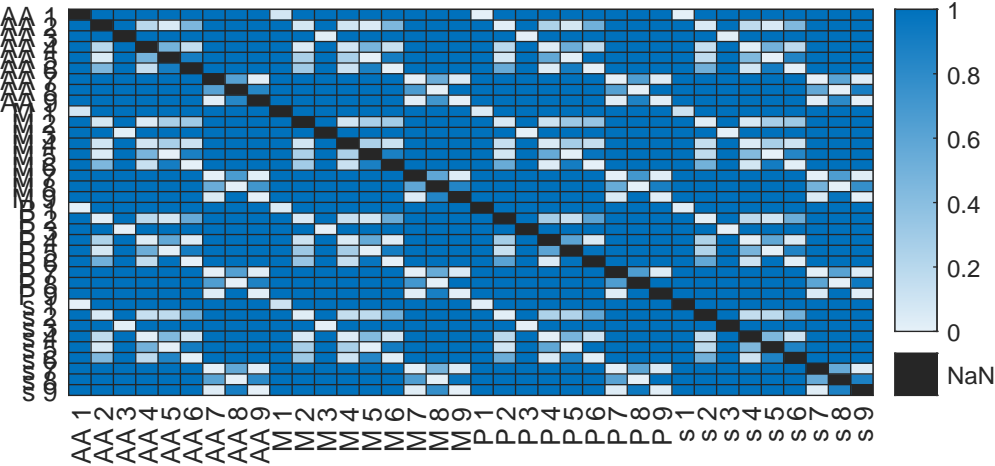
Number Of moral sessions:582

Number Of probability sessions:628

Number Of social sessions:617

Date Created:05-8-2024

Created By mask_given_data_and_create_heat_map.m
for session_cost_clustering



bhaat distance of log(abs(slope))

Number Of Sessions:2510

Number Of approach avoid sessions:683

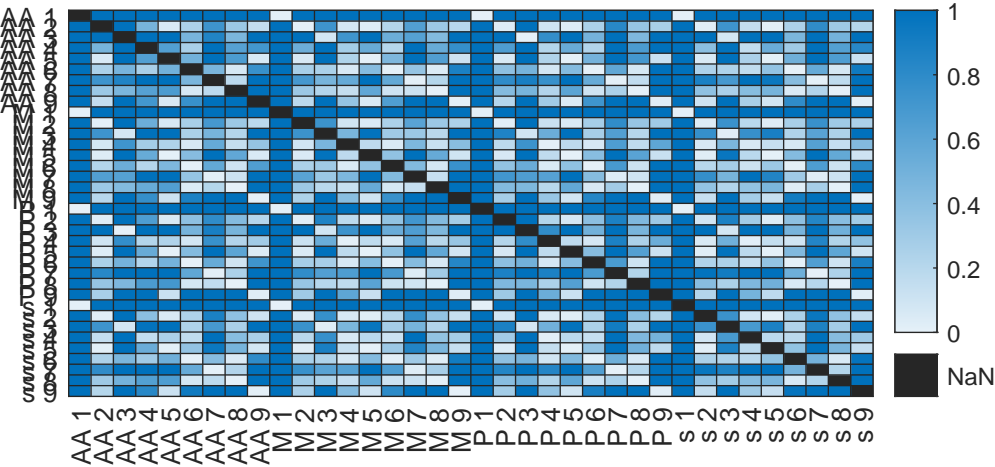
Number Of moral sessions:582

Number Of probability sessions:628

Number Of social sessions:617

Date Created:05-8-2024

Created By mask_given_data_and_create_heat_map.m
for session_cost_c clustering



approach_a void Vs probability P Value from dg_c hi2test3 0.082574

Number Of approach_a void Sessions:683

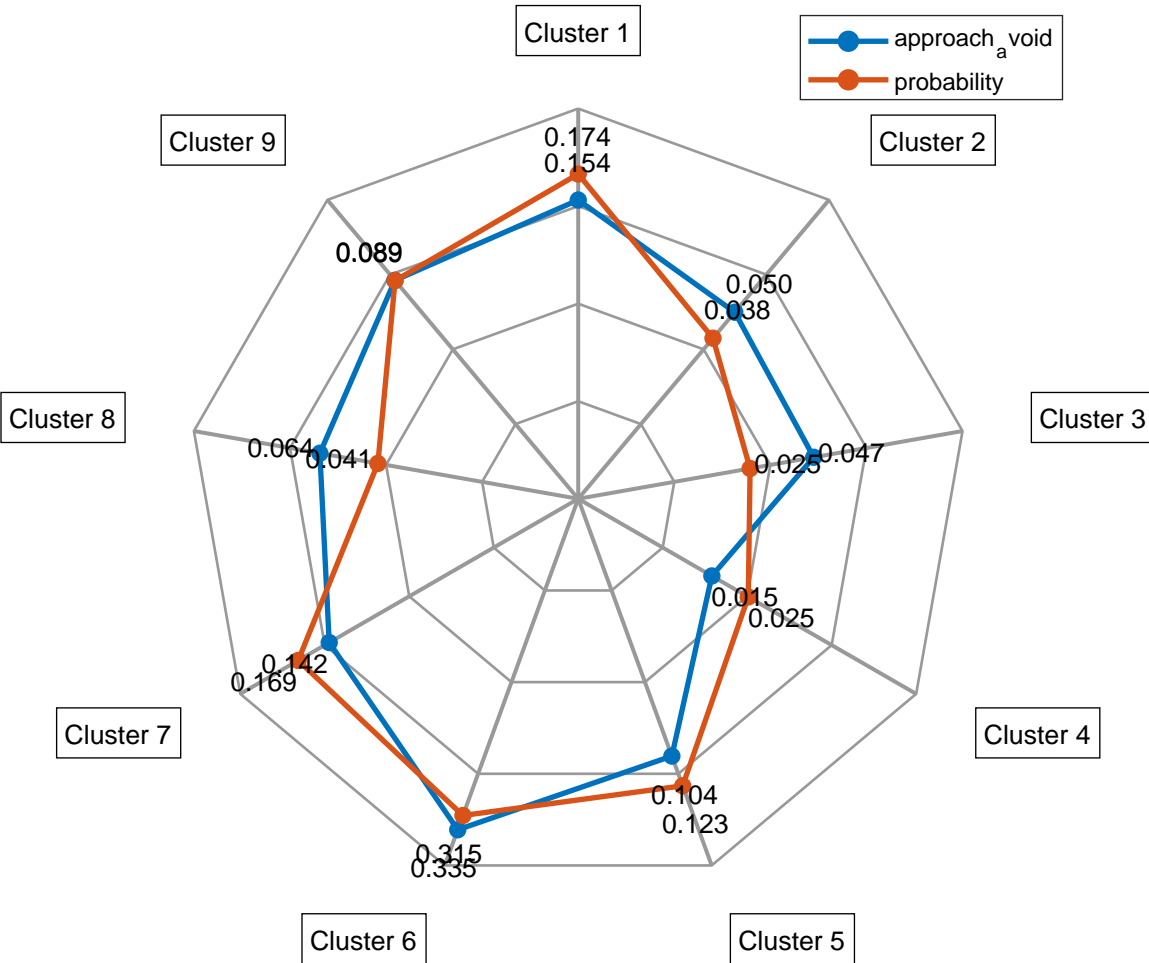
Number Of approach_a void Subjects:25

Number of probability Sessions:628

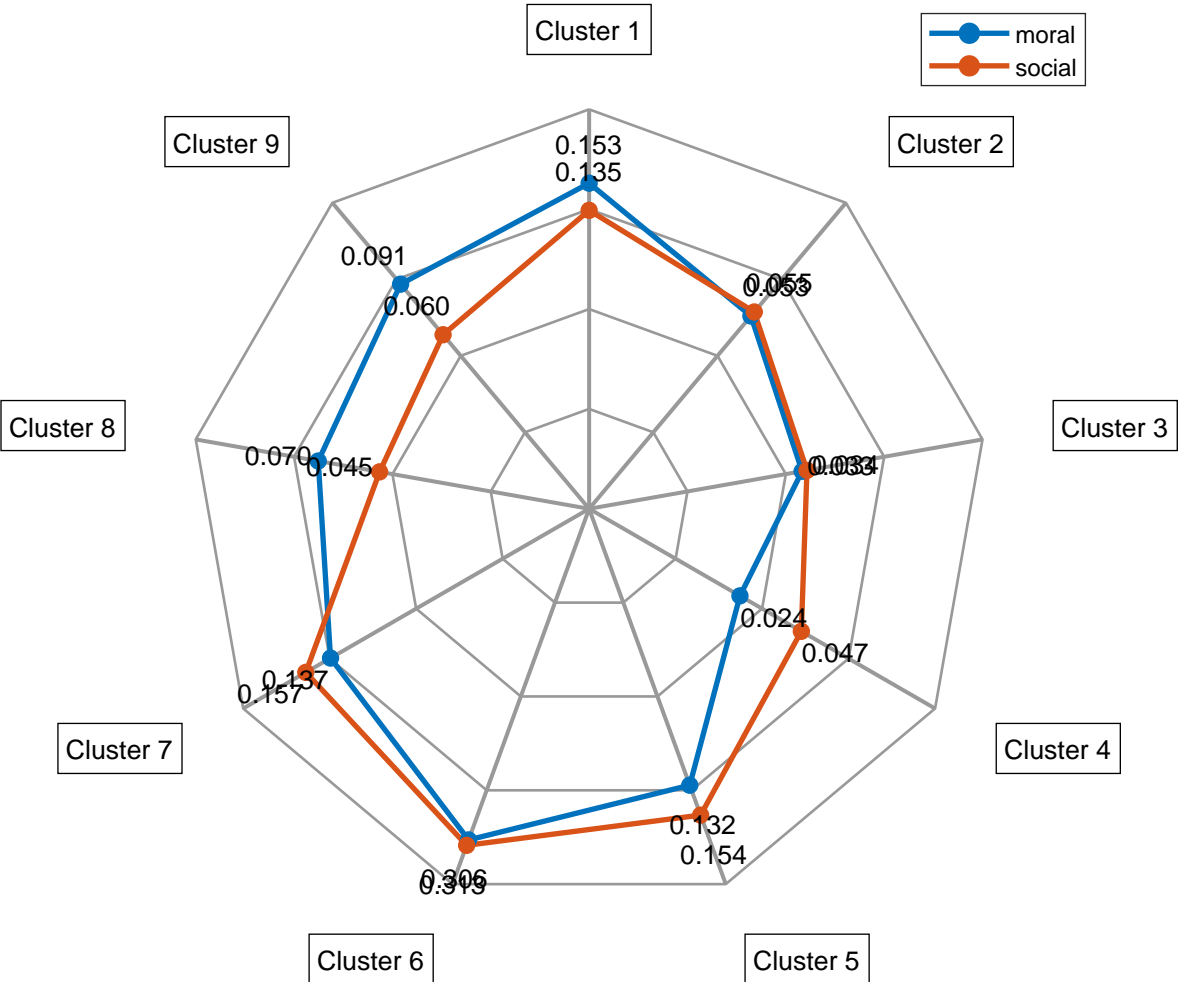
Number of probability Subjects:29

Date Created:05-10-2024

created by create_spider_plots_with_sig_using_dg
for session_c ost_c clustering



moral Vs social P Value from dg_c hi2test3 0.079518
Number Of moral Sessions:582
Number Of moral Subjects:29
Number of social Sessions:617
Number of social Subjects:27
Date Created:05-10-2024
created by create_spider_plots_with_sig_using_dg
for session_c ost_c clustering



approach_a void Vs moral P Value from dg_c hi2test3 0.60822

Number Of approach_a void Sessions:683

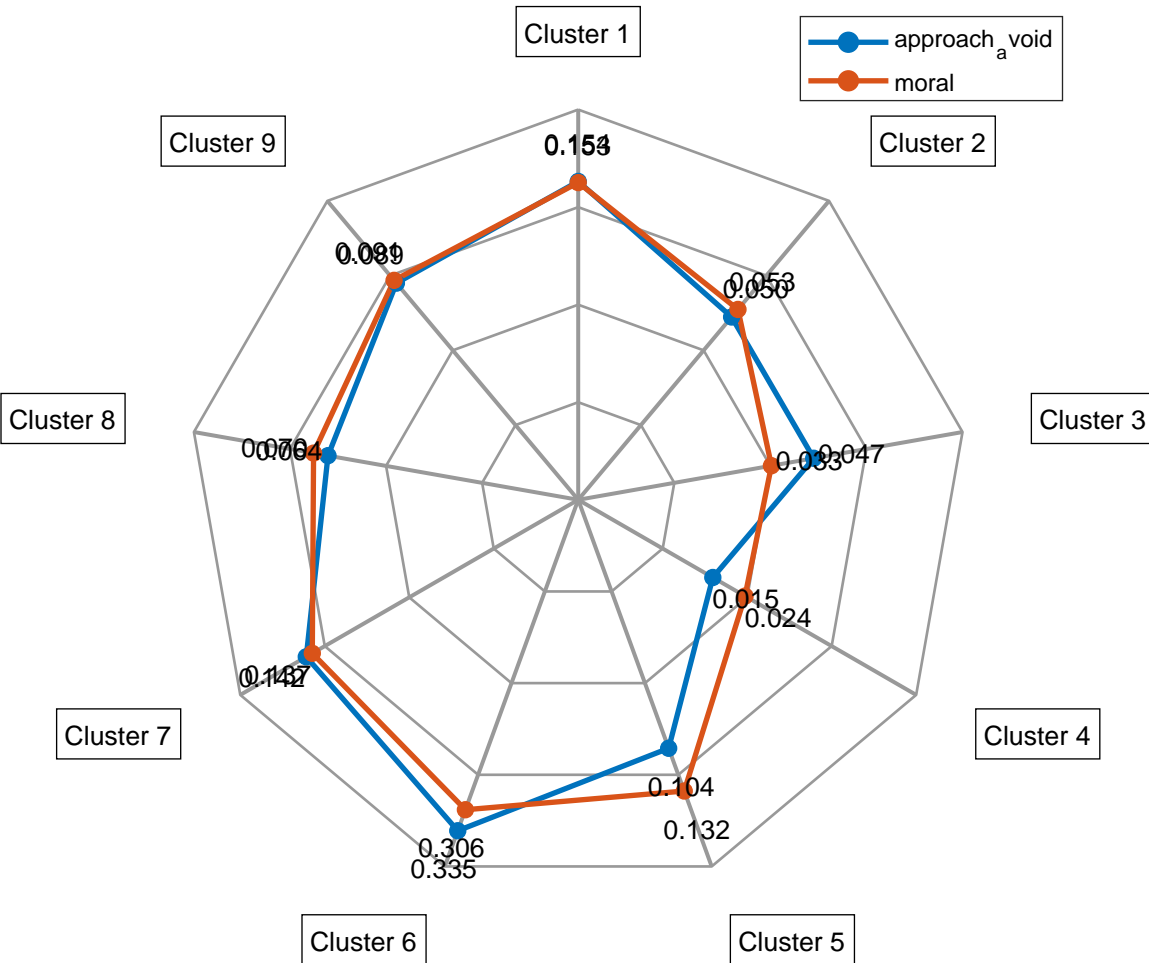
Number Of approach_a void Subjects:25

Number of moral Sessions:582

Number of moral Subjects:29

Date Created:05-10-2024

created by create_spider_plots_with_sig_using_dg
for session_c ost_c clustering



moral Vs probability P Value from dg_c hi2test3 0.28628

Number Of moral Sessions:582

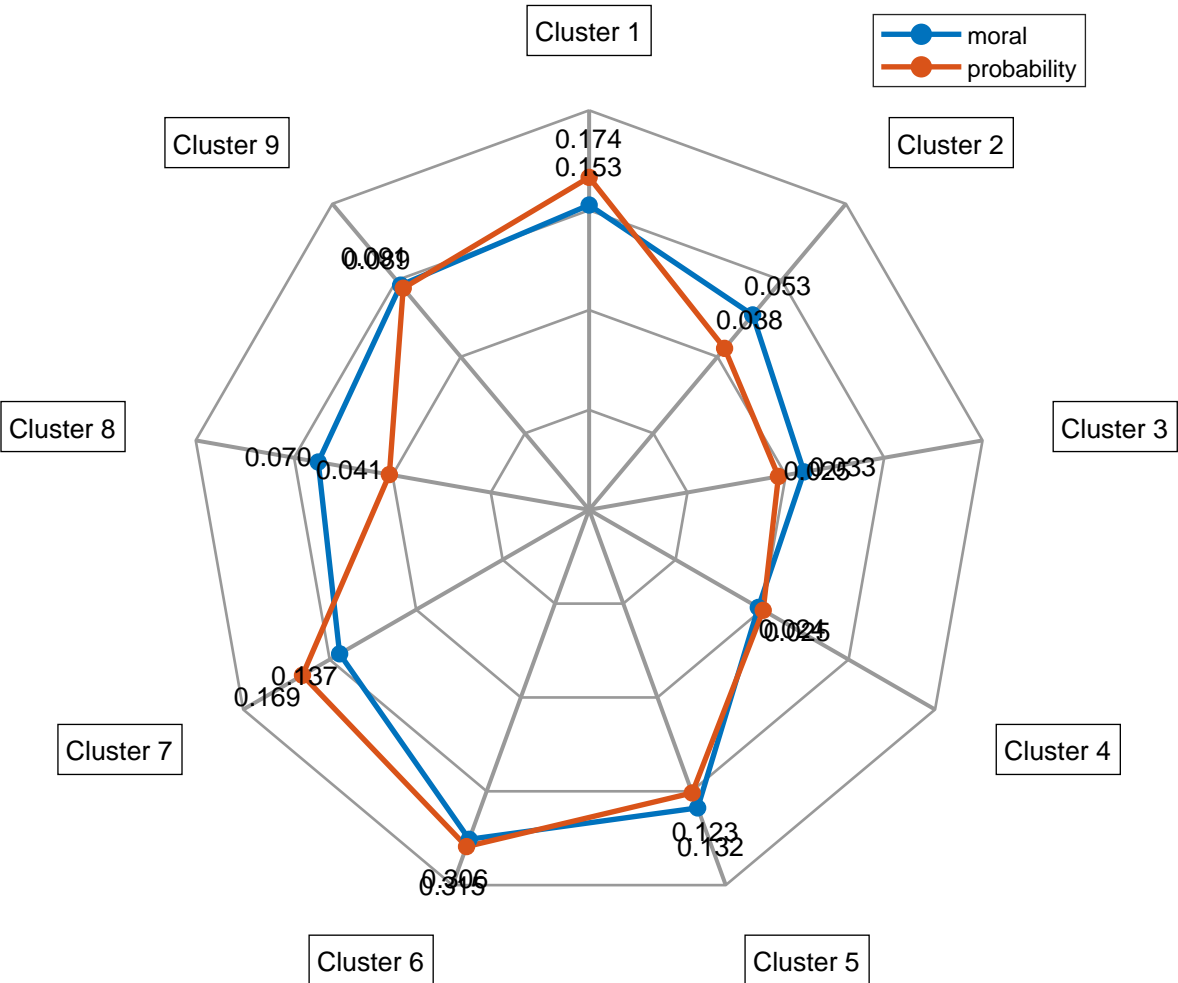
Number Of moral Subjects:29

Number of probability Sessions:628

Number of probability Subjects:29

Date Created:05-10-2024

created by create_spider_plots_with_sig_using_dg
for session_c ost_c clustering



probability Vs social P Value from dg_c hi2test3 0.04409

Number Of probability Sessions:628

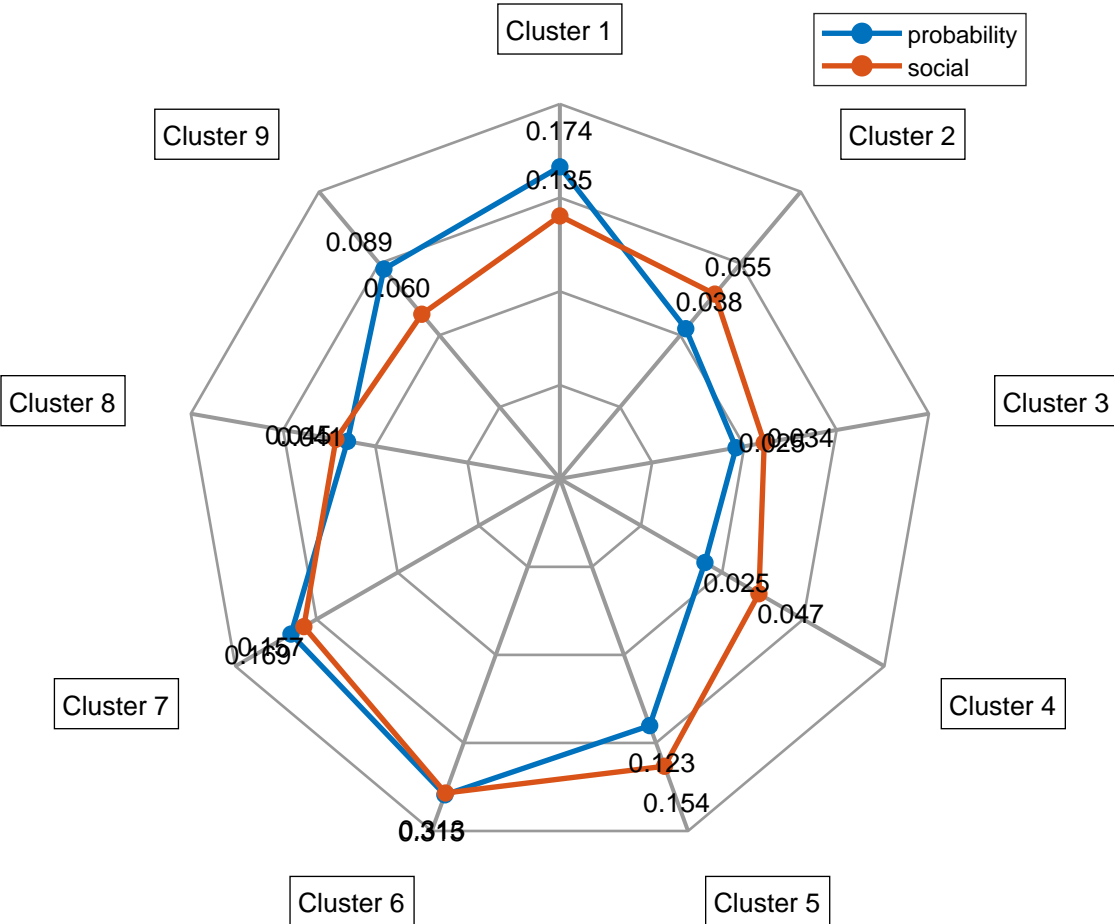
Number Of probability Subjects:29

Number of social Sessions:617

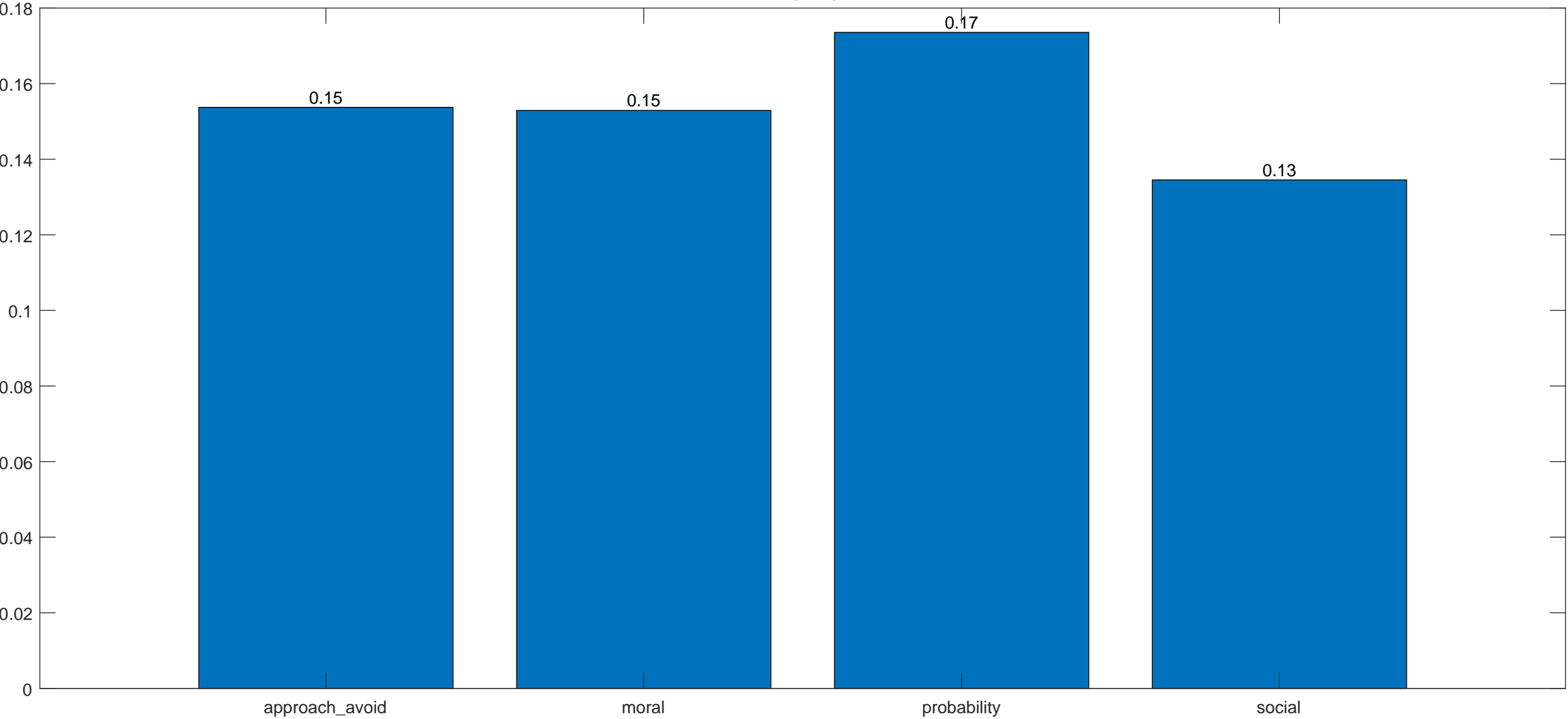
Number of social Subjects:27

Date Created:05-10-2024

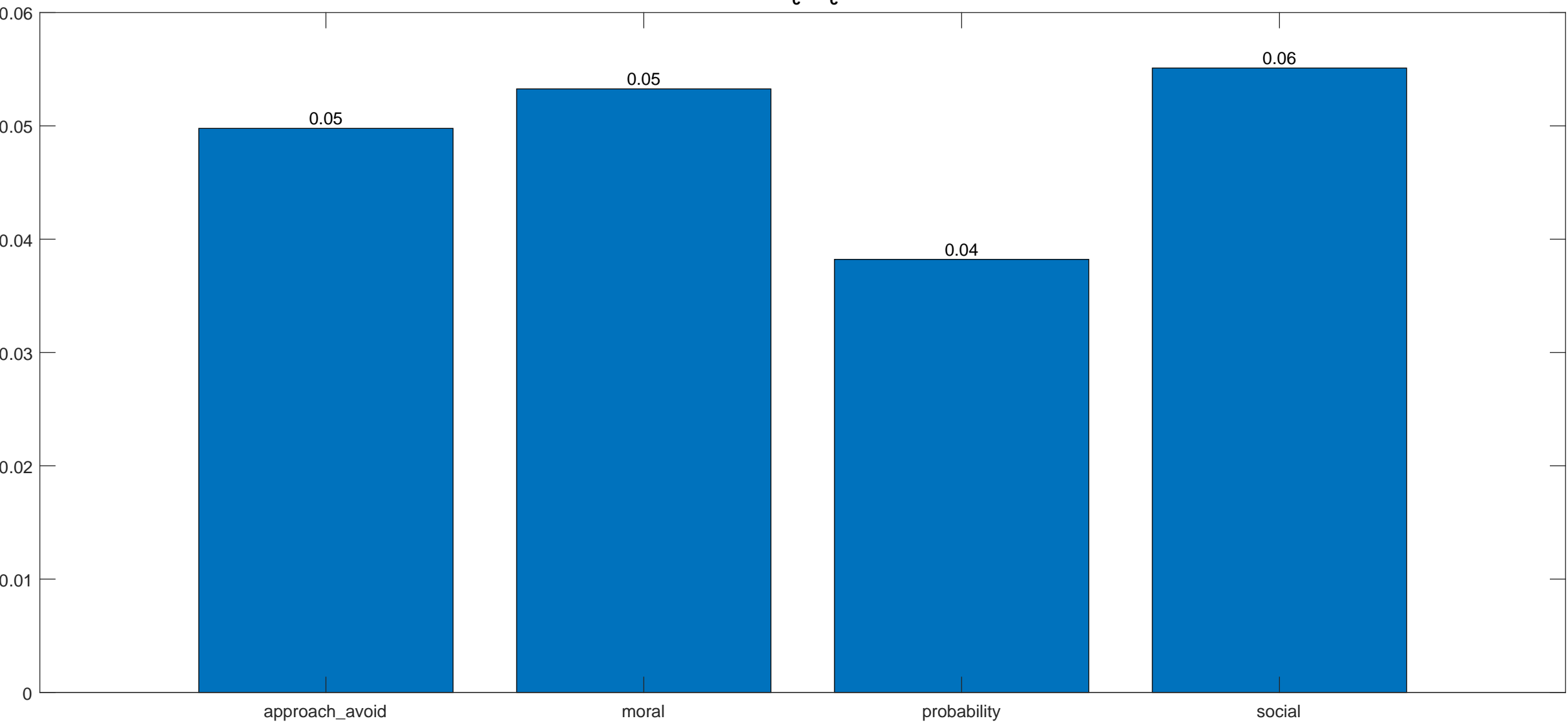
created by create_spider_plots_with_sig_using_dg
for session_c ost_c clustering



Human Cluster Proportions For Cluster1
of approach avoid sessions683
of moral sessions582
of probability sessions628
of social sessions617
Date Created:05-8-2024
Created By create_bar_plots_for_cluster_proportions.m
for session_c_ost_c_lustering



Human Cluster Proportions For Cluster2
of approach avoid sessions683
of moral sessions582
of probability sessions628
of social sessions617
Date Created:05-8-2024
Created By create_bar_plots_for_cluster_proportions.m
for session_c_ost_c_lustering



Human Cluster Proportions For Cluster3

of approach avoid sessions683

of moral sessions582

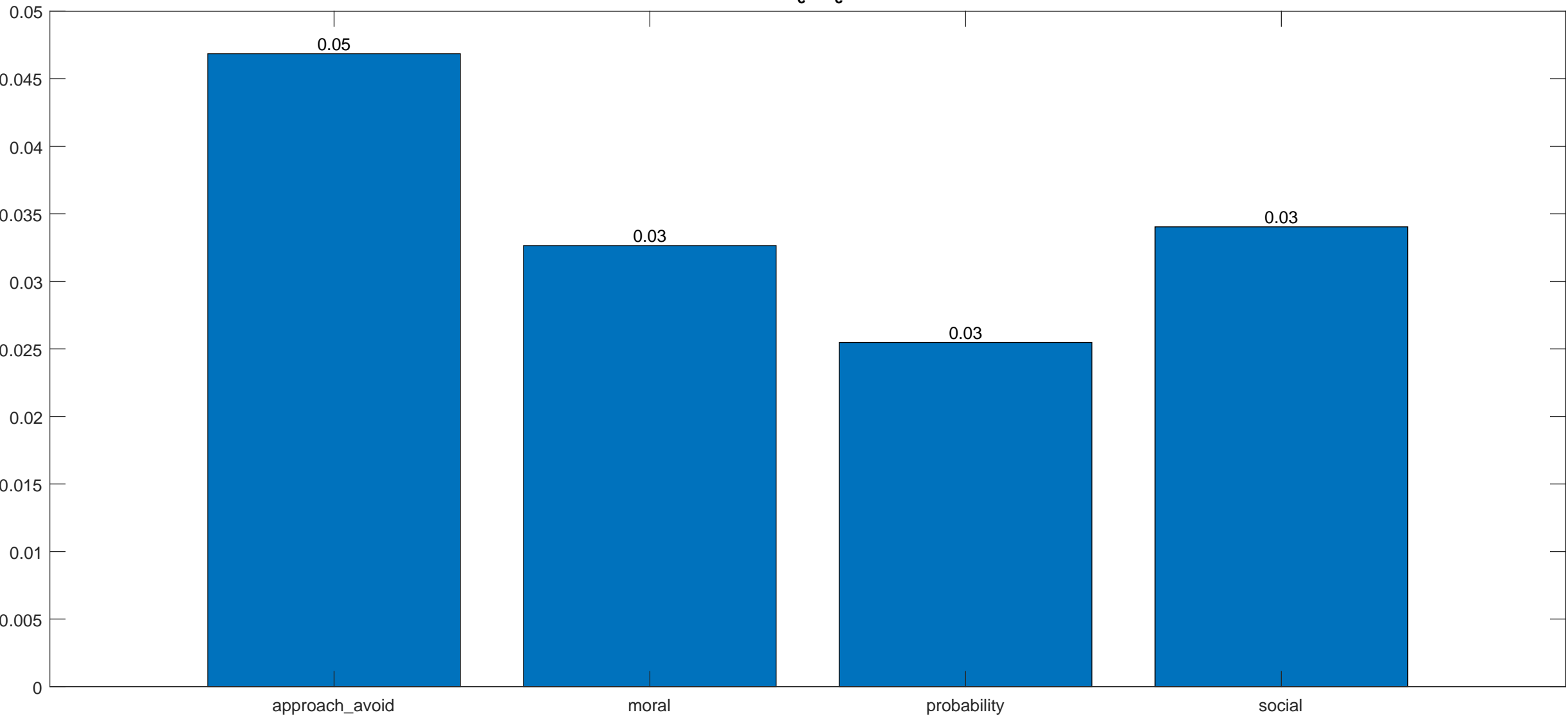
of probability sessions628

of social sessions617

Date Created:05-8-2024

Created By create_bar_plots_for_cluster_proportions.m

for session_c_ost_c_lustering



Human Cluster Proportions For Cluster4

of approach avoid sessions683

of moral sessions582

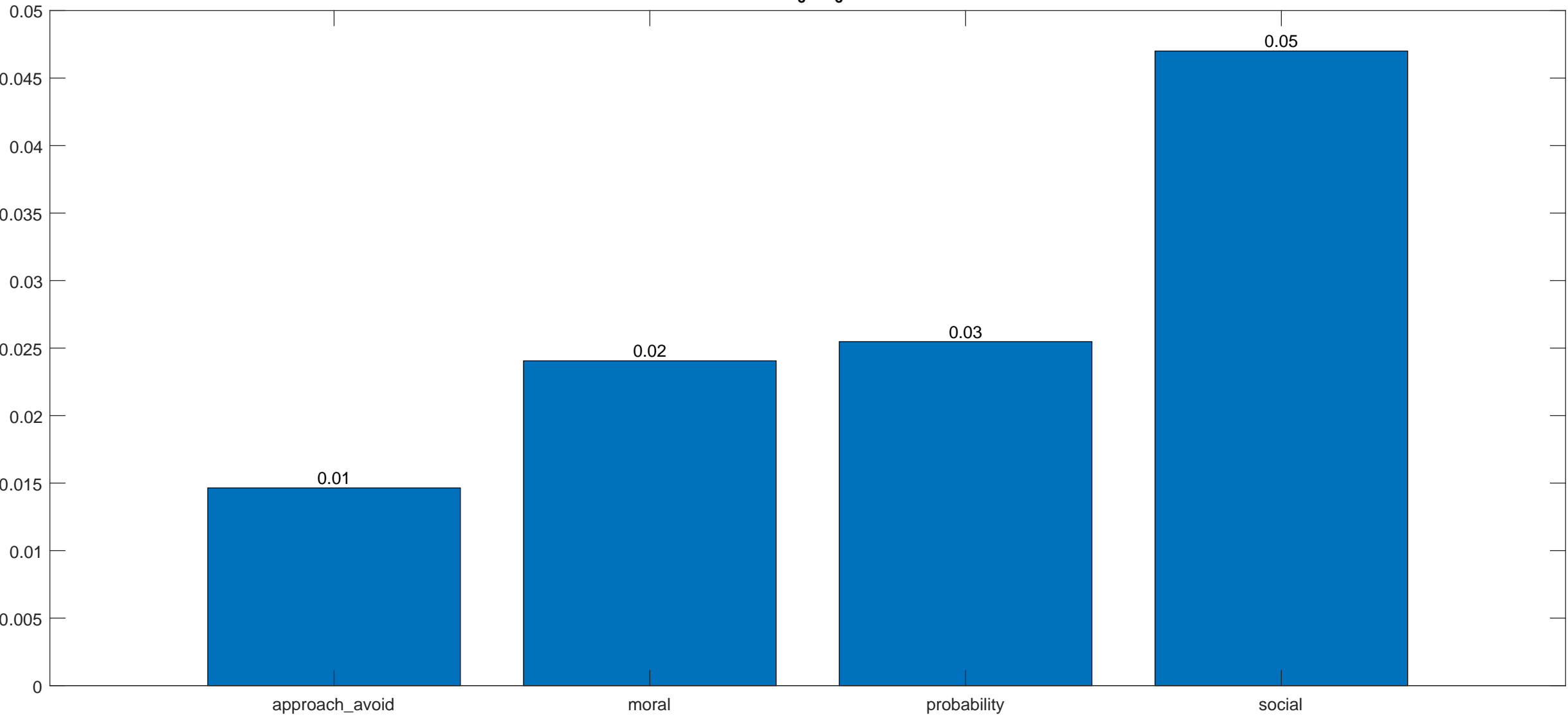
of probability sessions628

of social sessions617

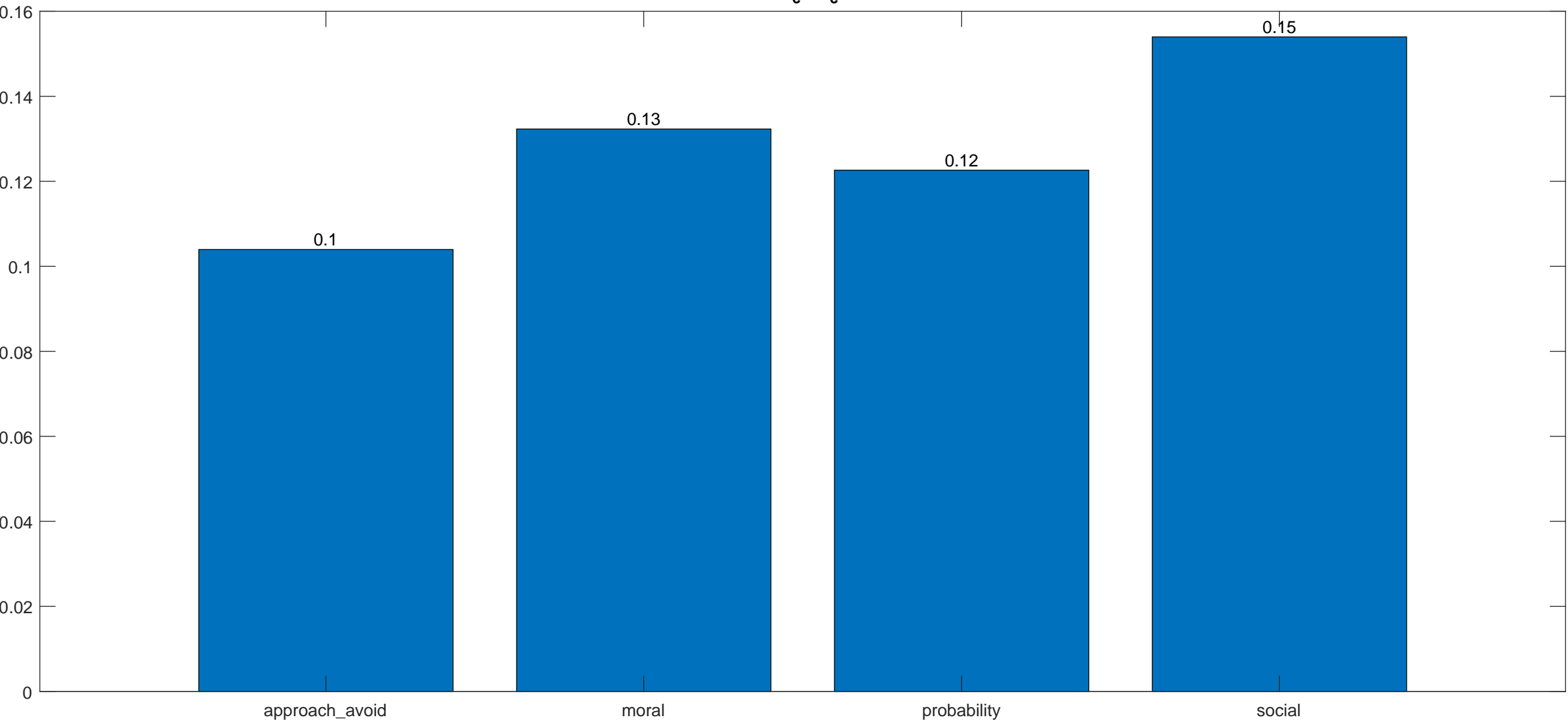
Date Created:05-8-2024

Created By create_bar_plots_for_cluster_proportions.m

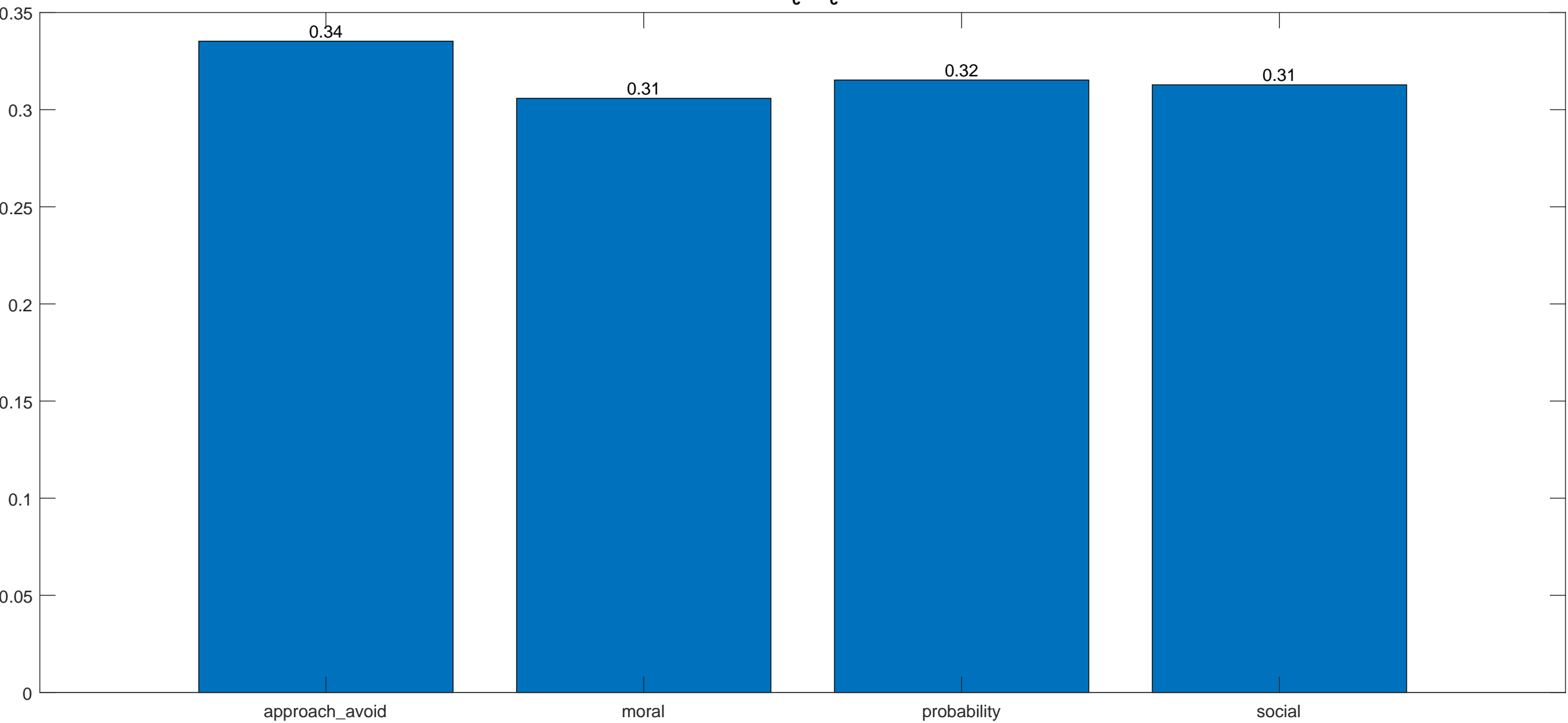
for session_c_ost_c_lustering



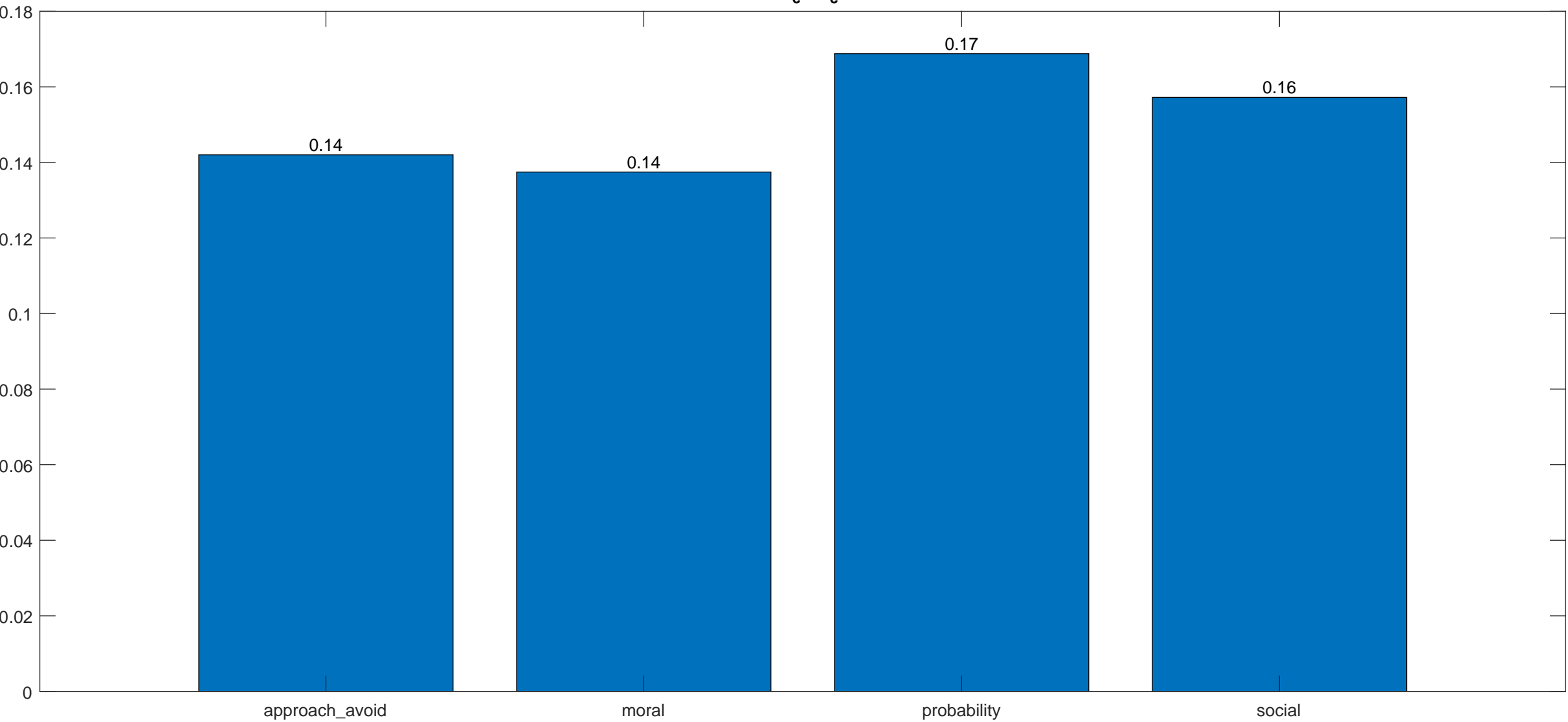
Human Cluster Proportions For Cluster5
of approach avoid sessions683
of moral sessions582
of probability sessions628
of social sessions617
Date Created:05-8-2024
Created By create_bar_plots_for_cluster_proportions.m
for session_c_ost_c_lustering



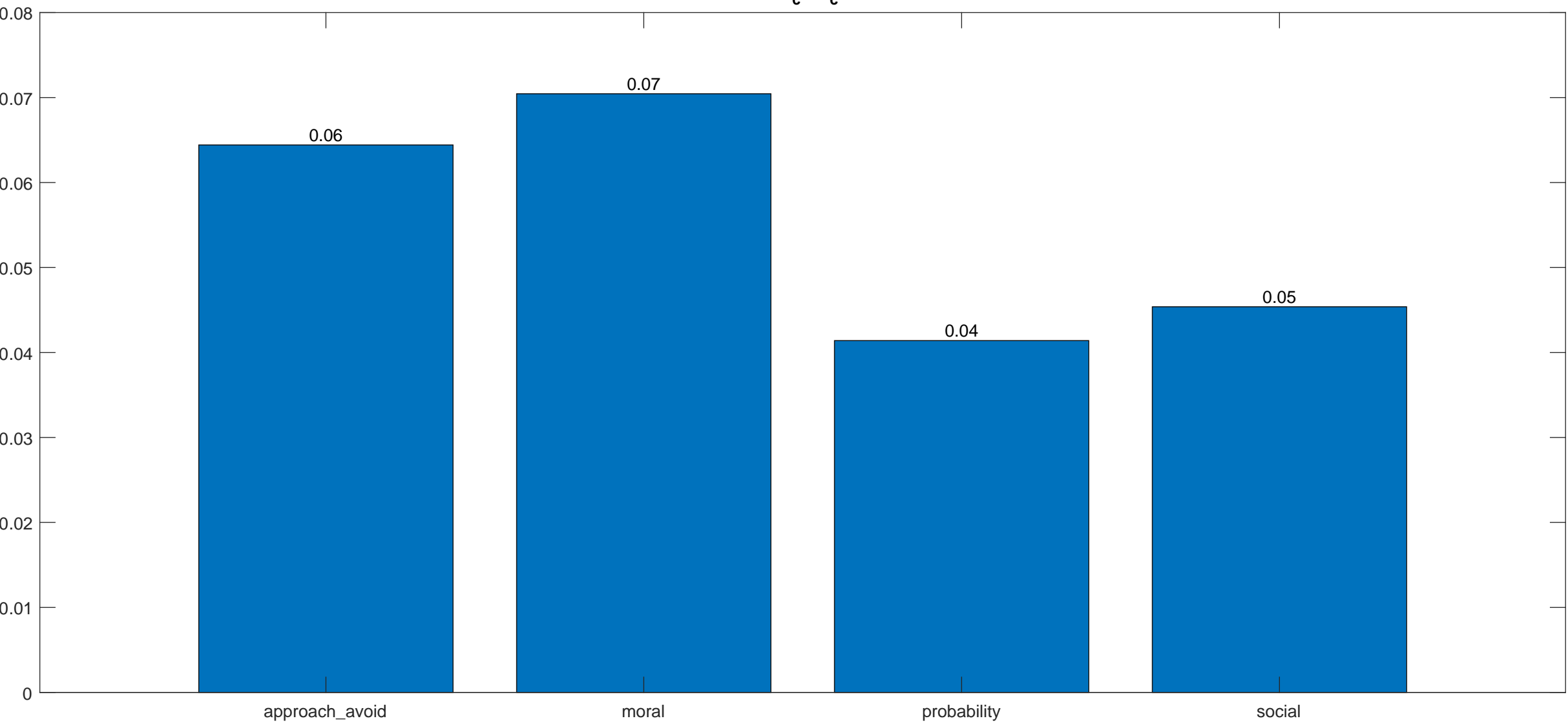
Human Cluster Proportions For Cluster6
of approach avoid sessions683
of moral sessions582
of probability sessions628
of social sessions617
Date Created:05-8-2024
Created By create_bar_plots_for_cluster_proportions.m
for session_c_ost_c_lustering



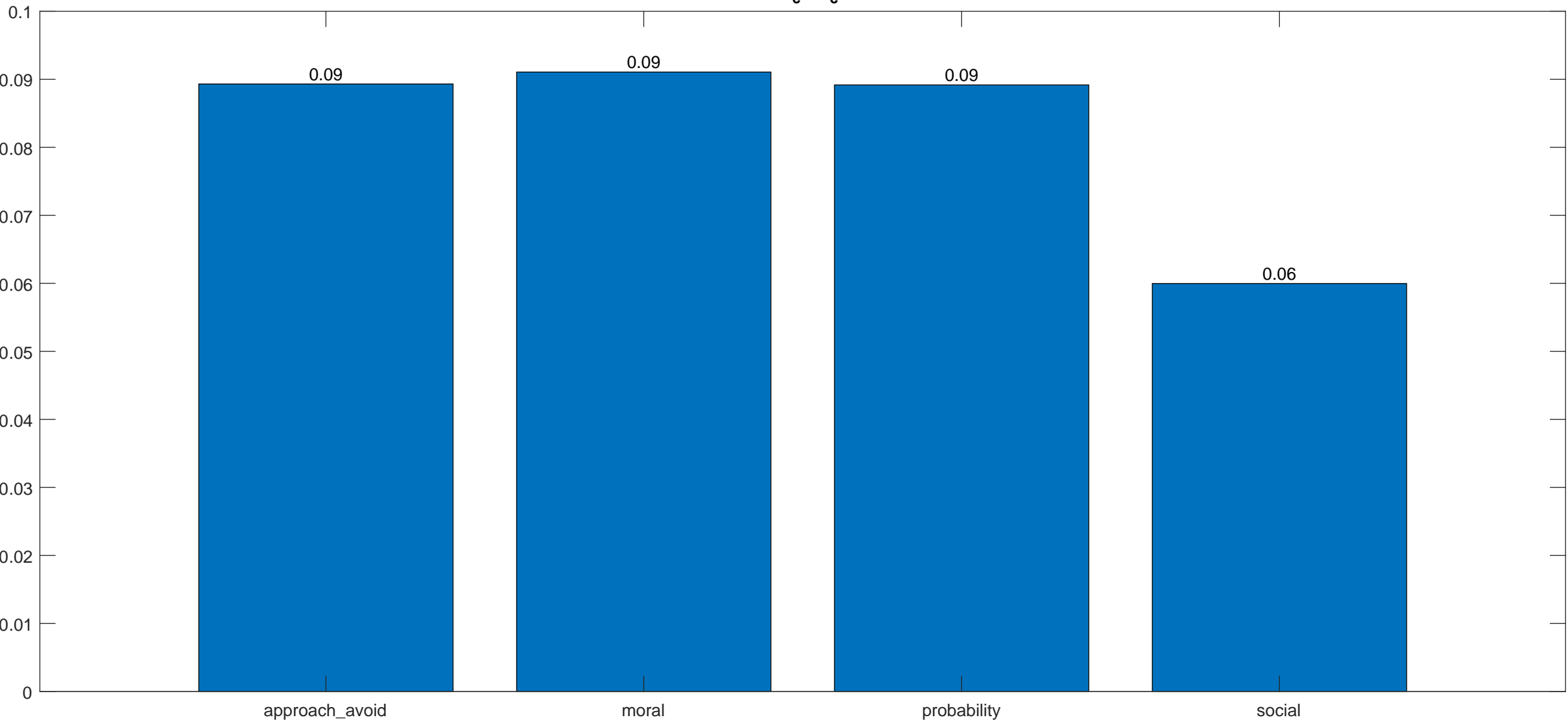
Human Cluster Proportions For Cluster7
of approach avoid sessions683
of moral sessions582
of probability sessions628
of social sessions617
Date Created:05-8-2024
Created By create_bar_plots_for_cluster_proportions.m
for session_c ost_c lustering



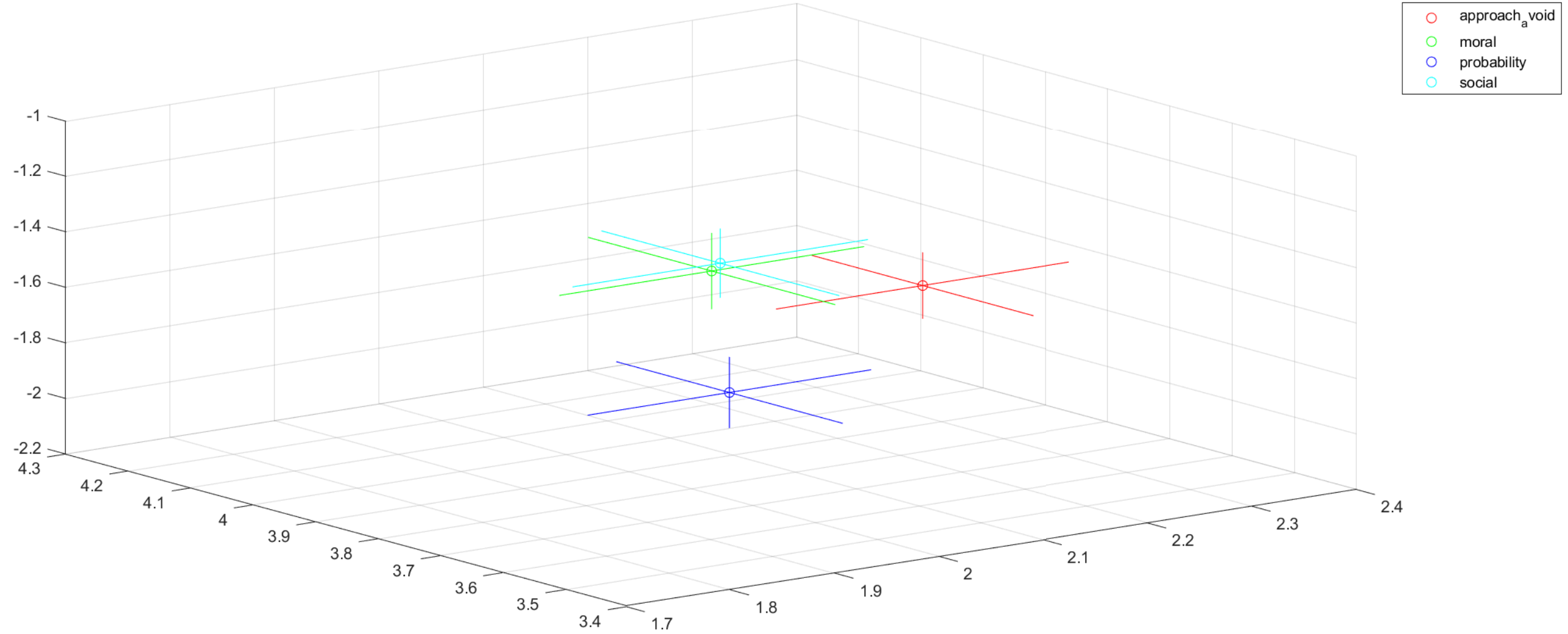
Human Cluster Proportions For Cluster8
of approach avoid sessions683
of moral sessions582
of probability sessions628
of social sessions617
Date Created:05-8-2024
Created By create_bar_plots_for_cluster_proportions.m
for session_c clustering



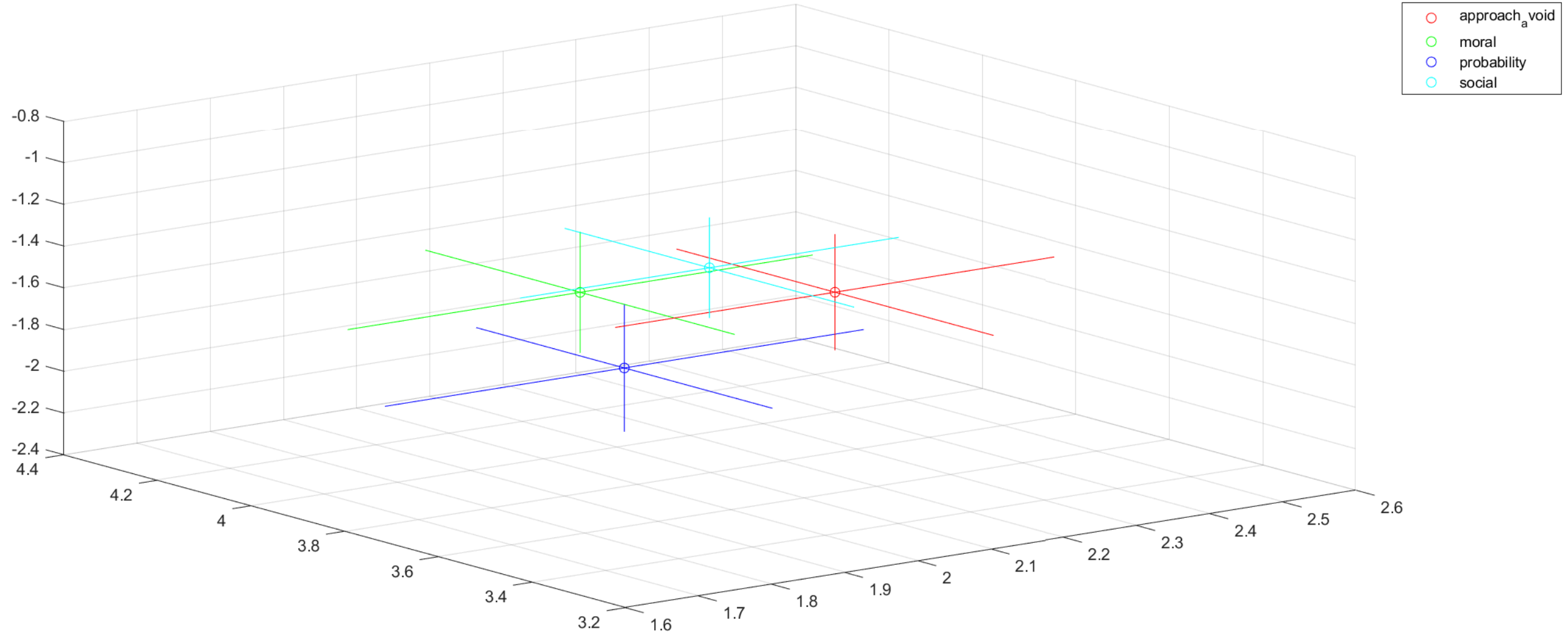
Human Cluster Proportions For Cluster9
of approach avoid sessions683
of moral sessions582
of probability sessions628
of social sessions617
Date Created:05-8-2024
Created By create_bar_plots_for_cluster_proportions.m
for session_c ost_c lustering

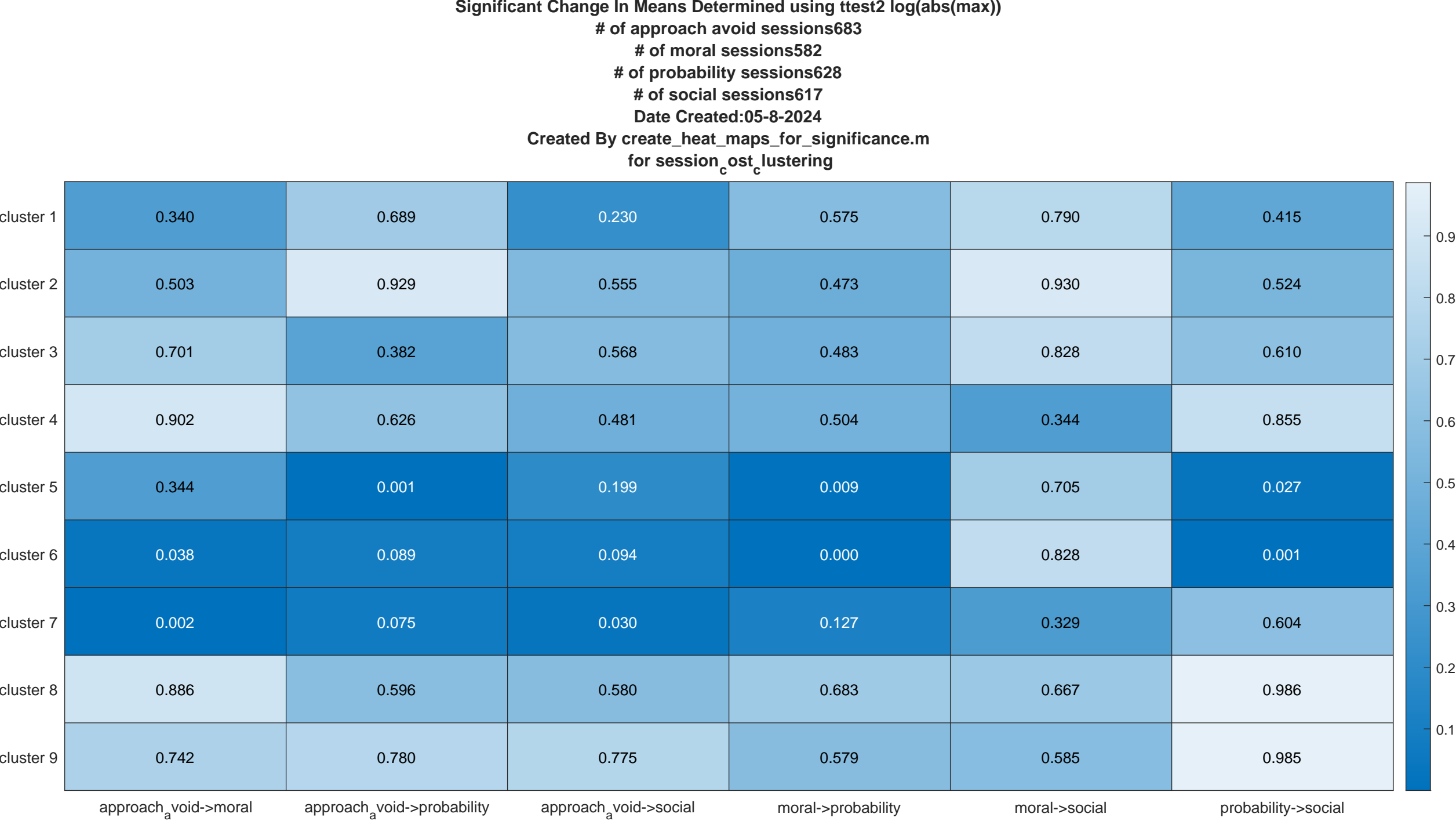


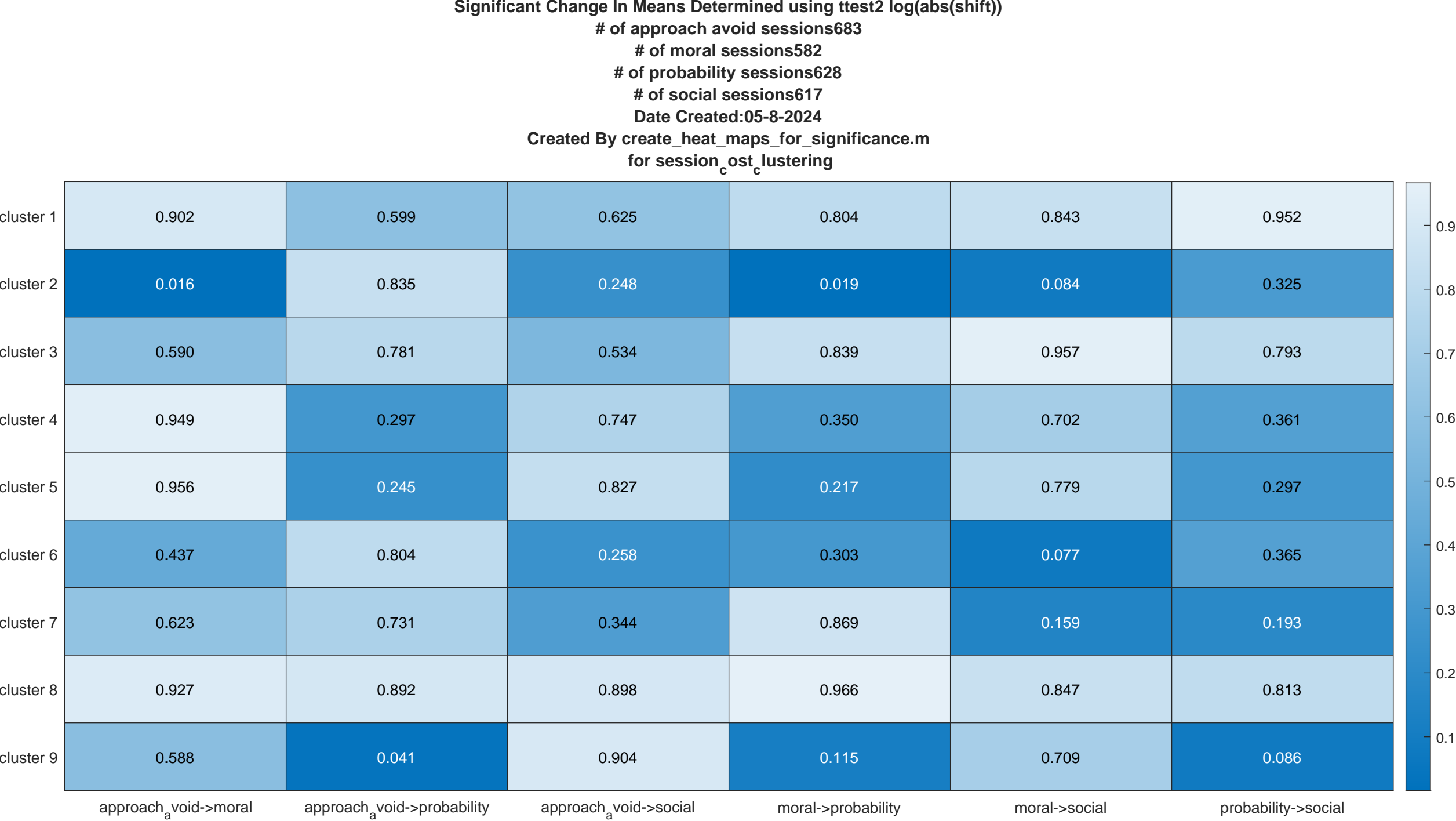
approach_avoid Number of Data Points:683 Number Of Subjects:25
moral Number of Data Points:582 Number Of Subjects:29
probability Number of Data Points:628 Number Of Subjects:29
social Number of Data Points:617 Number Of Subjects:27
Created Using weighted means of each cluster
Date Created:05-10-2024
Created By get_average_xyz_per_human_experiment_using_table_and_weights_2.m
for session_c_ost_c_lustering

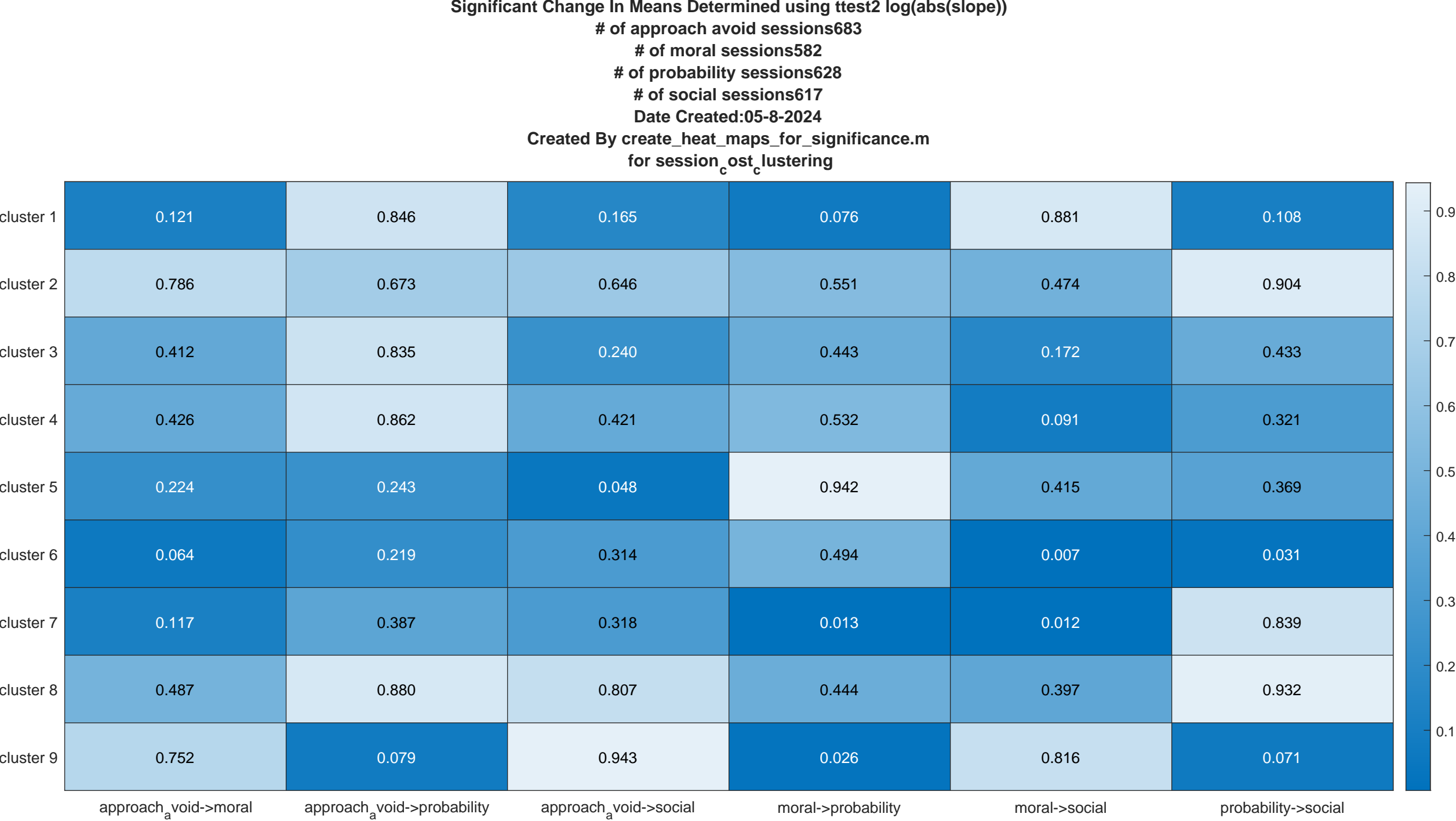


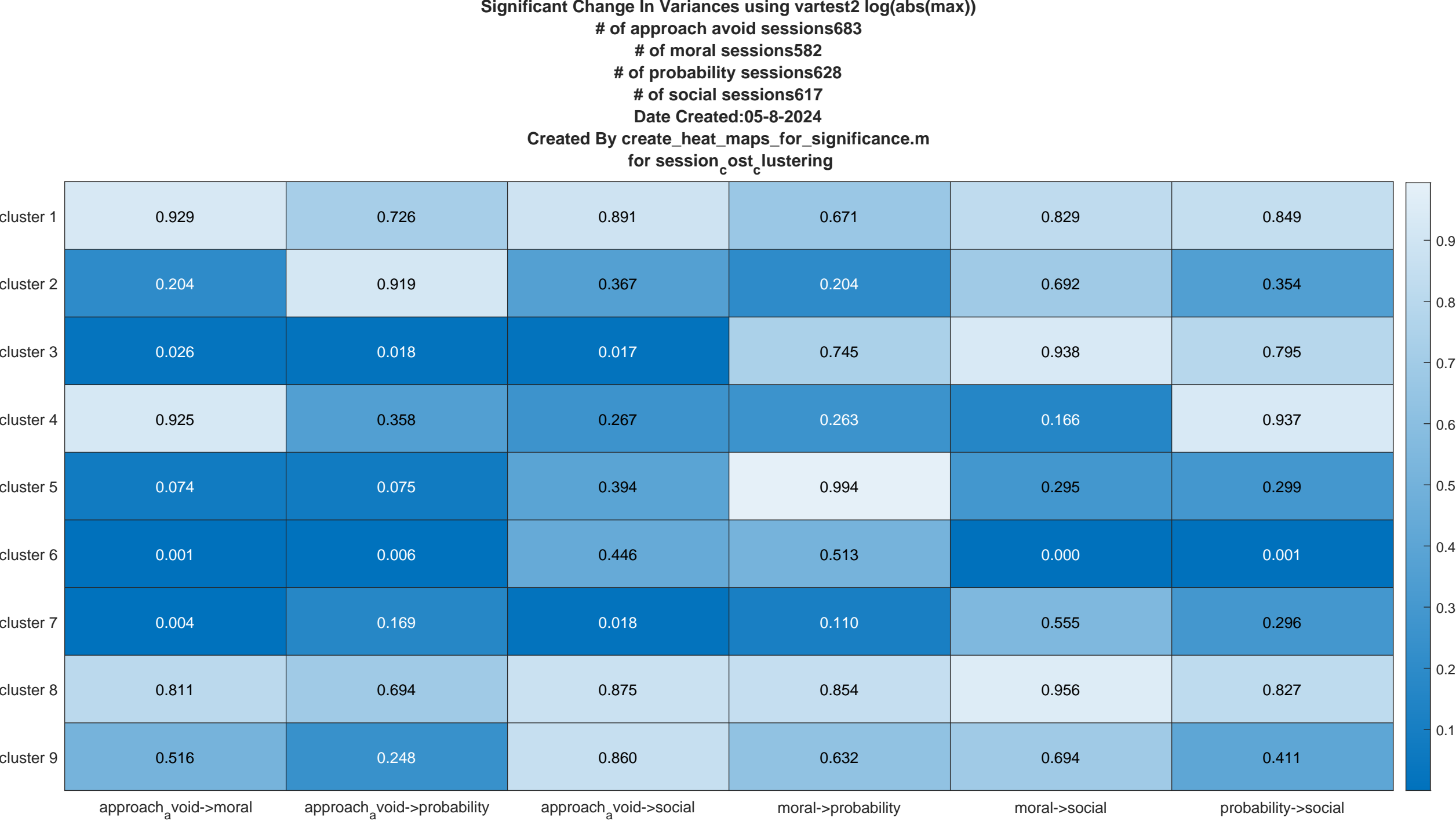
approach_avoid Number of Data Points:25 Number Of Subjects:25
 moral Number of Data Points:29 Number Of Subjects:29
 probability Number of Data Points:29 Number Of Subjects:29
 social Number of Data Points:27 Number Of Subjects:27
 Created Using weighted means of each cluster
 Date Created:05-10-2024
 Created By get_average_xyz_per_human_exp_using_non_sig_diff_data.m
 for session_c_ost_c_lustering

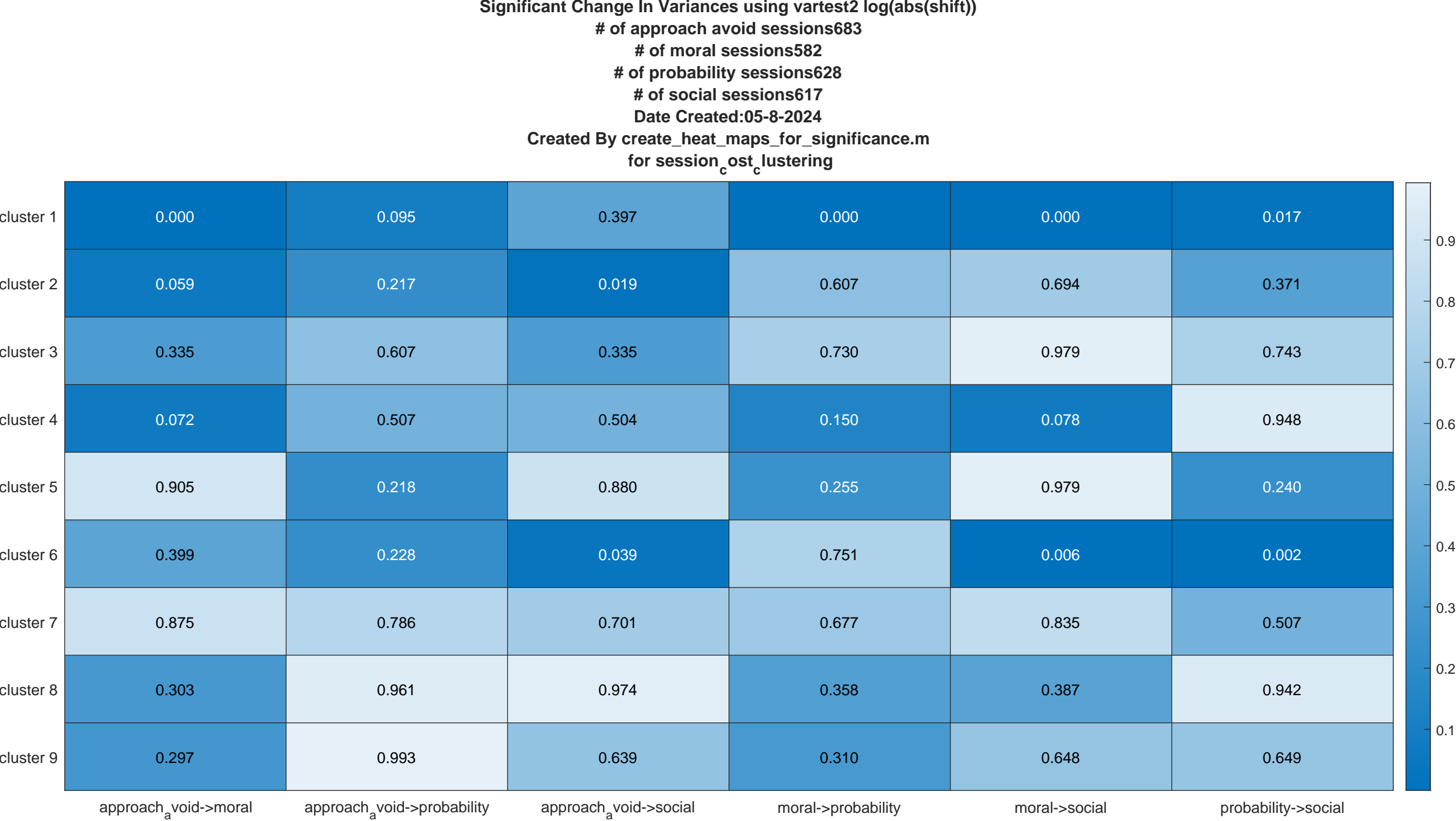


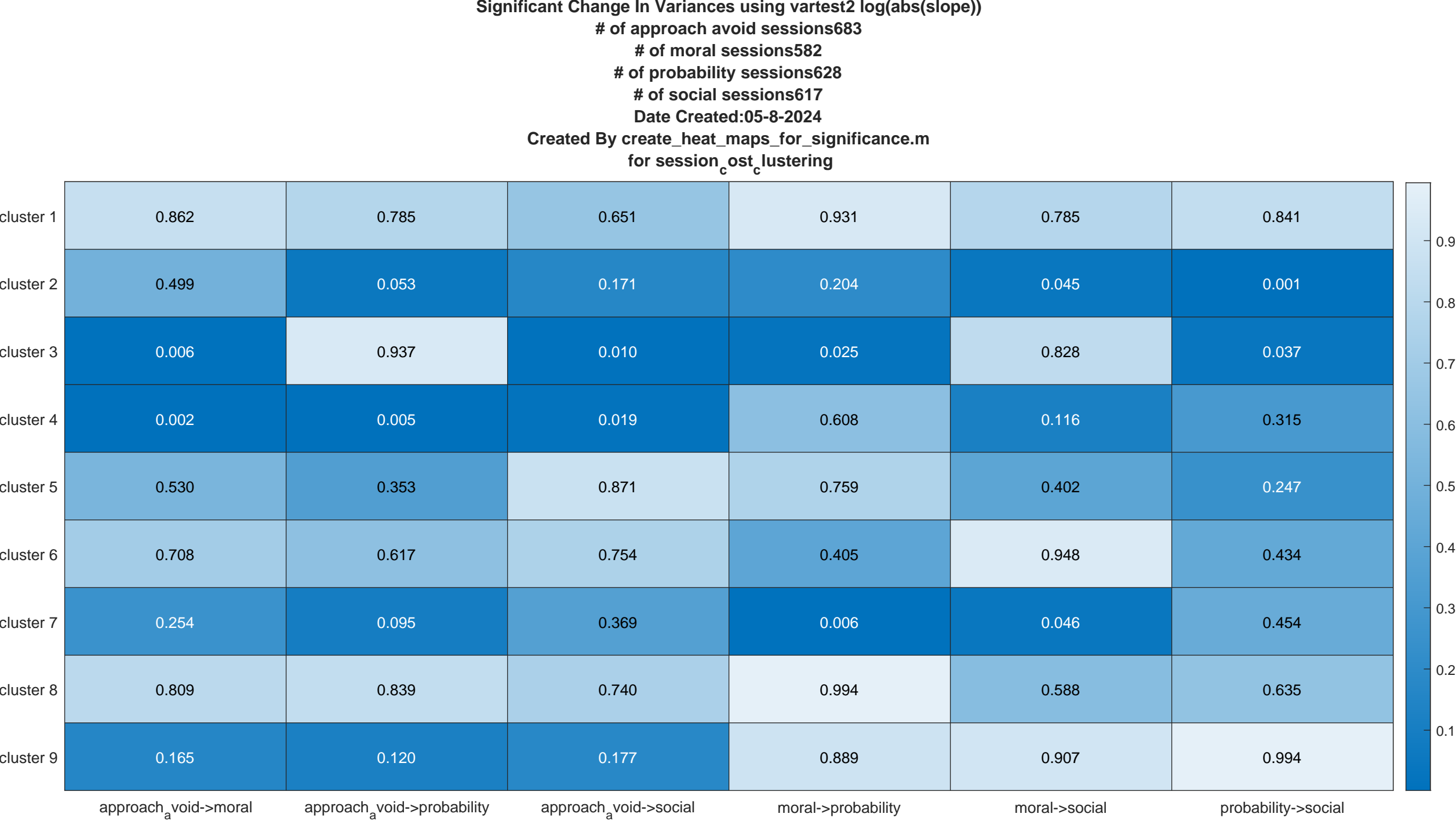


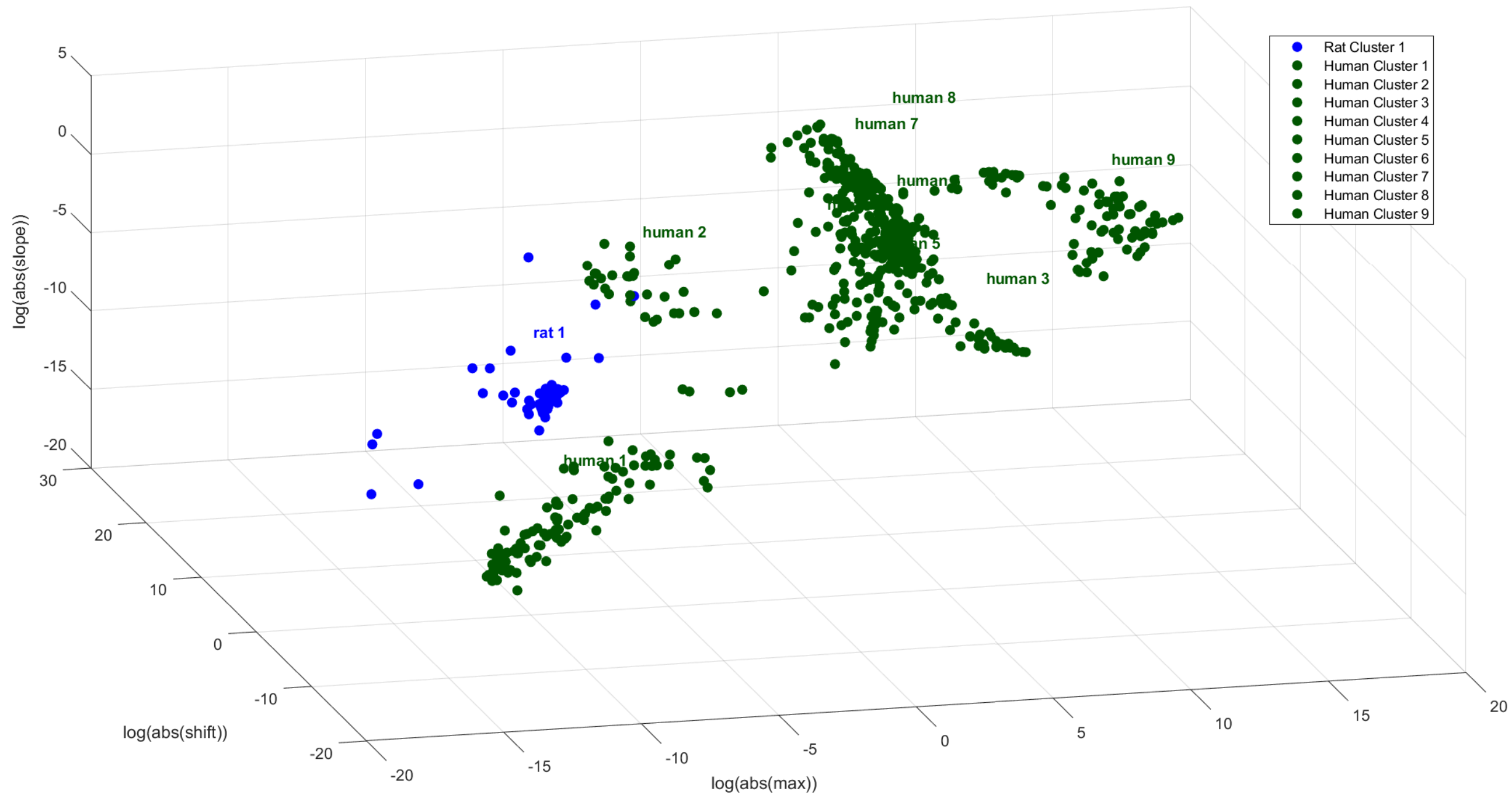


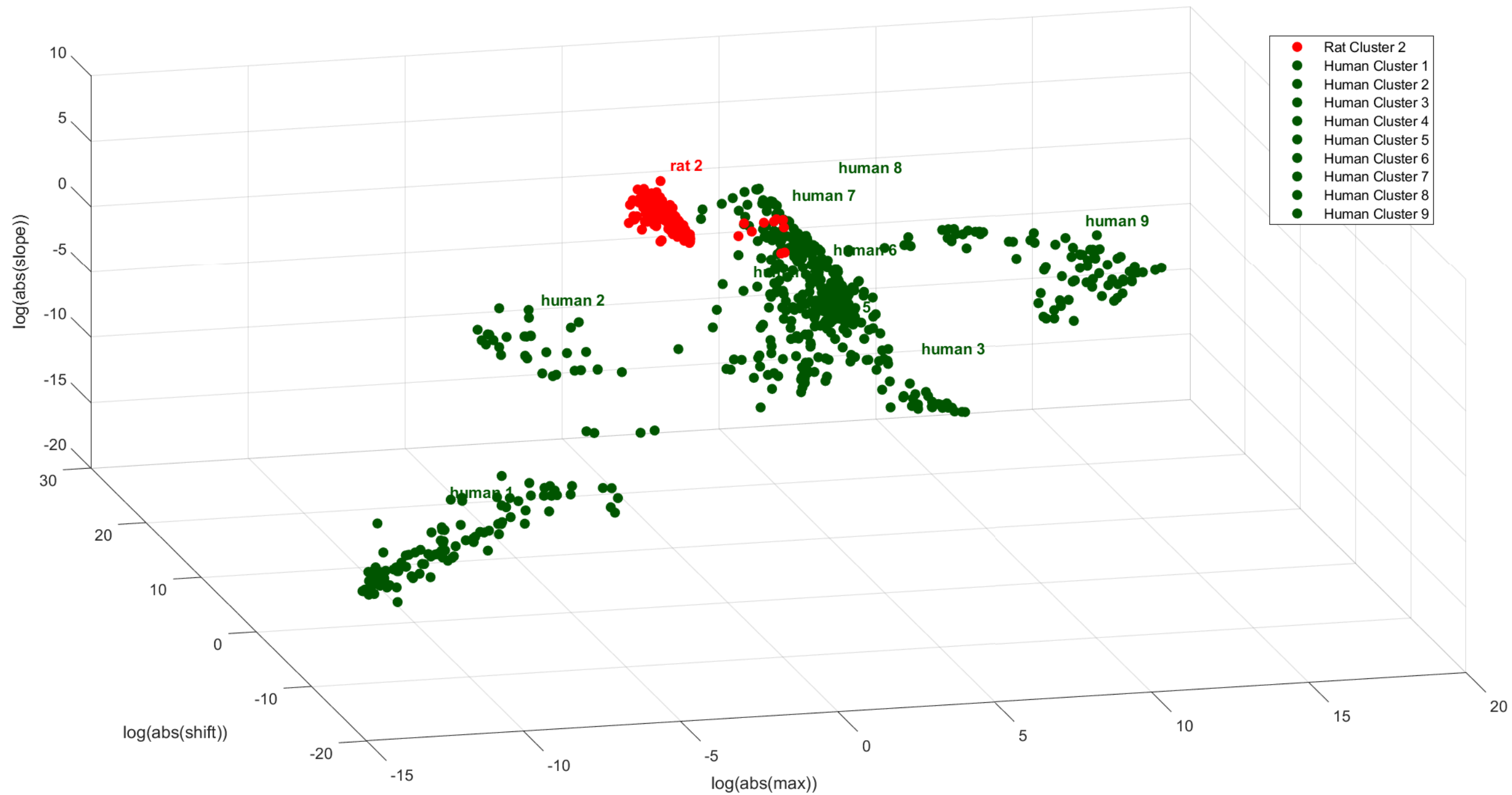


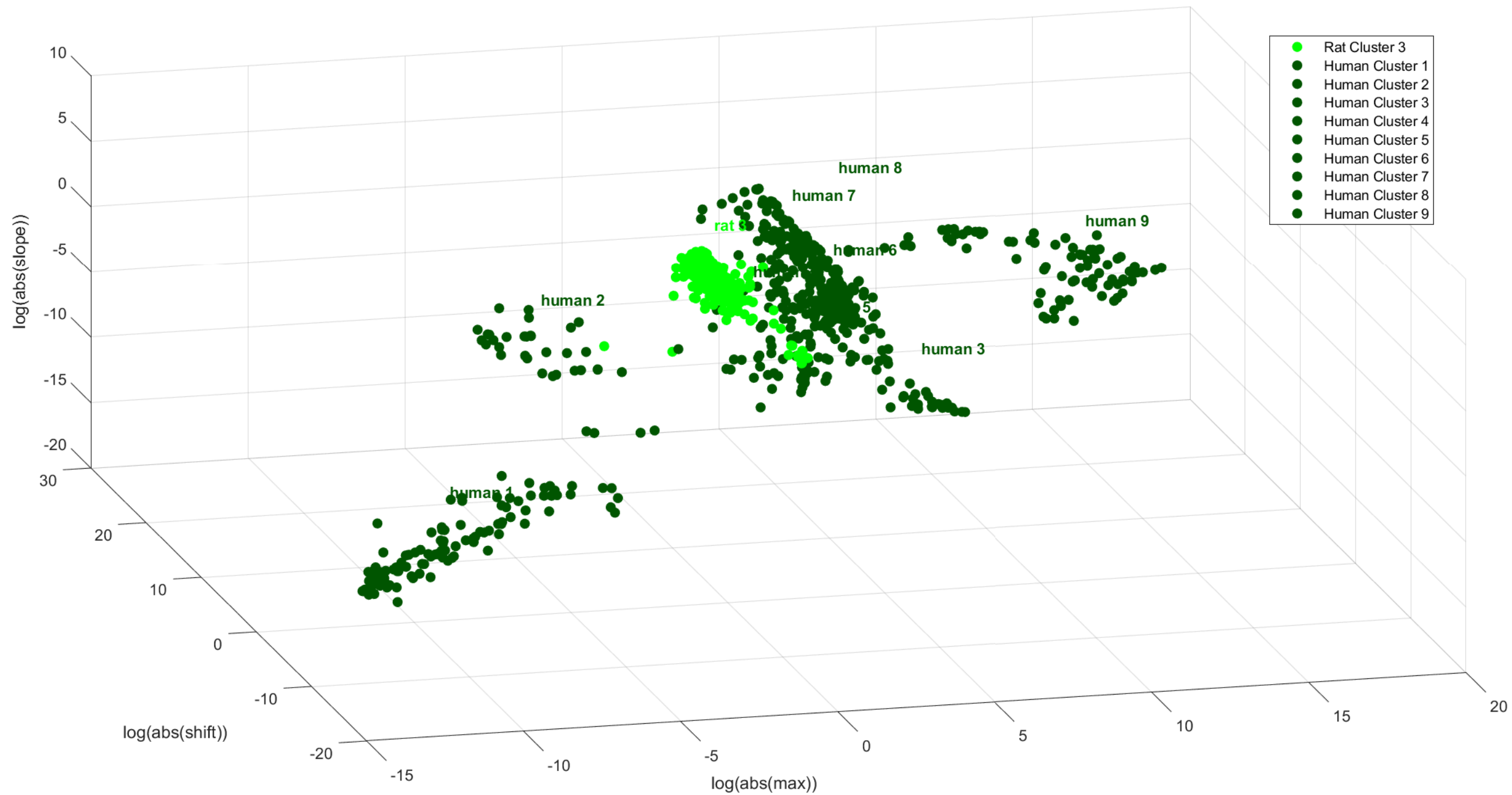


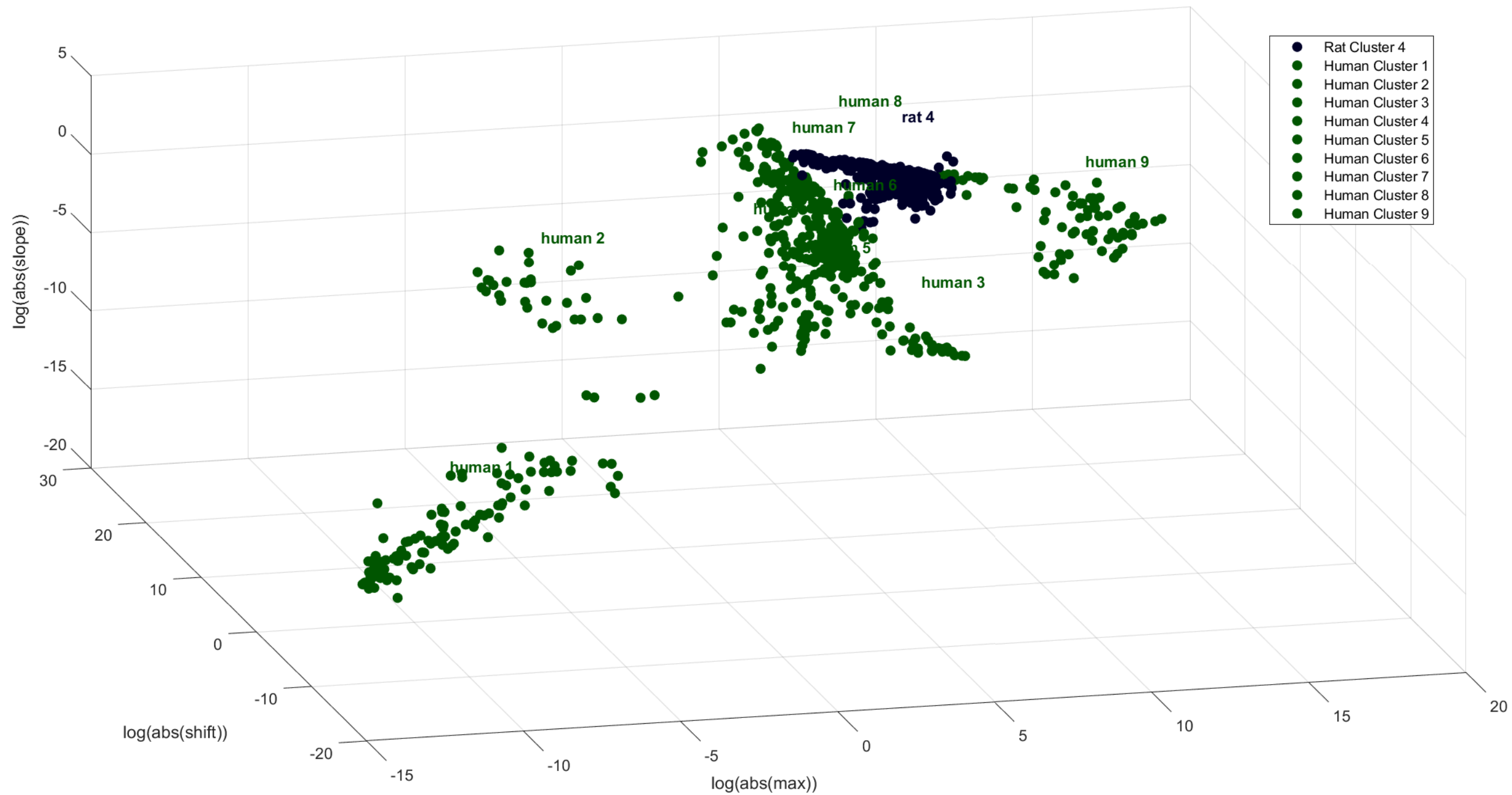


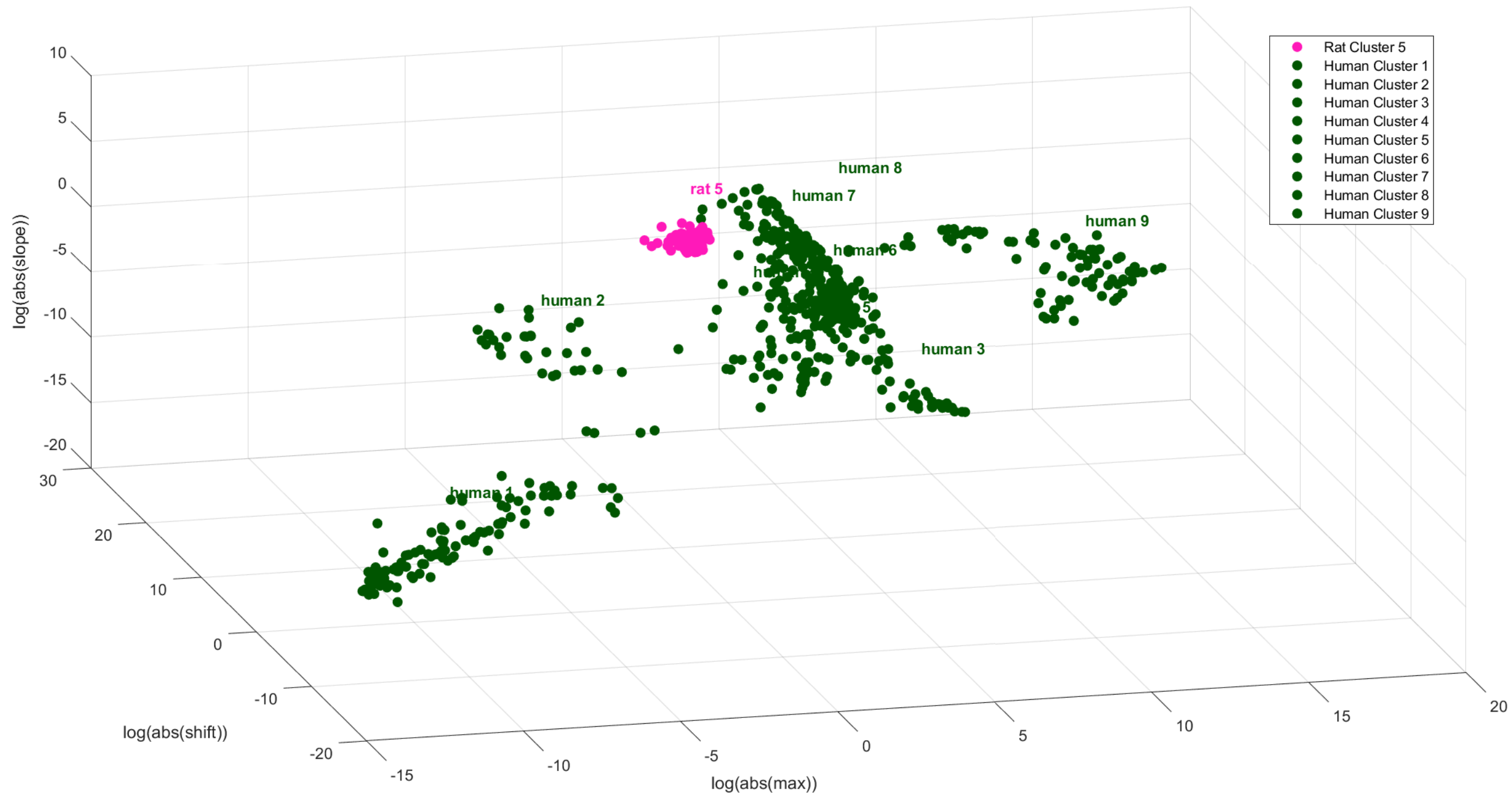


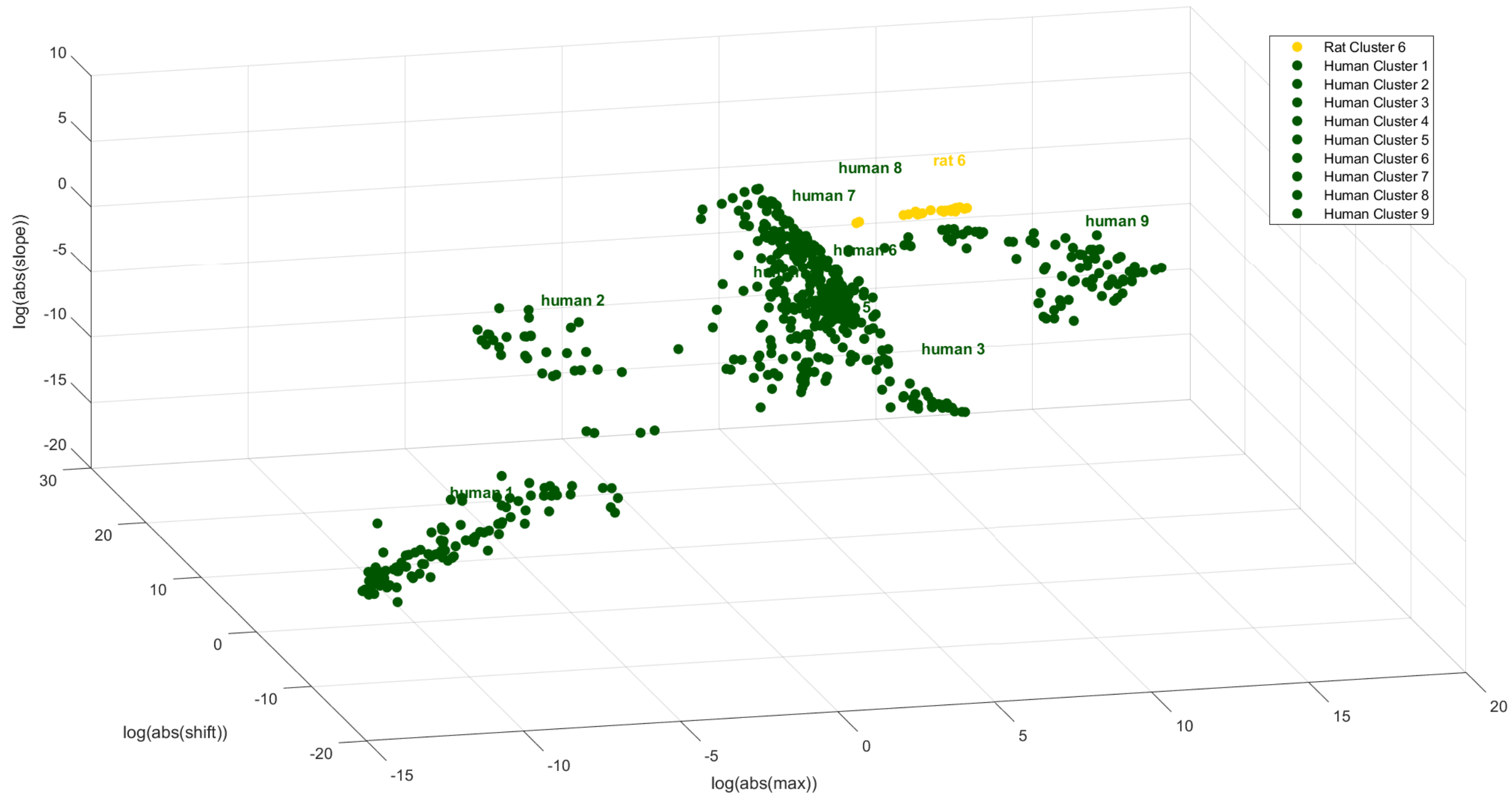




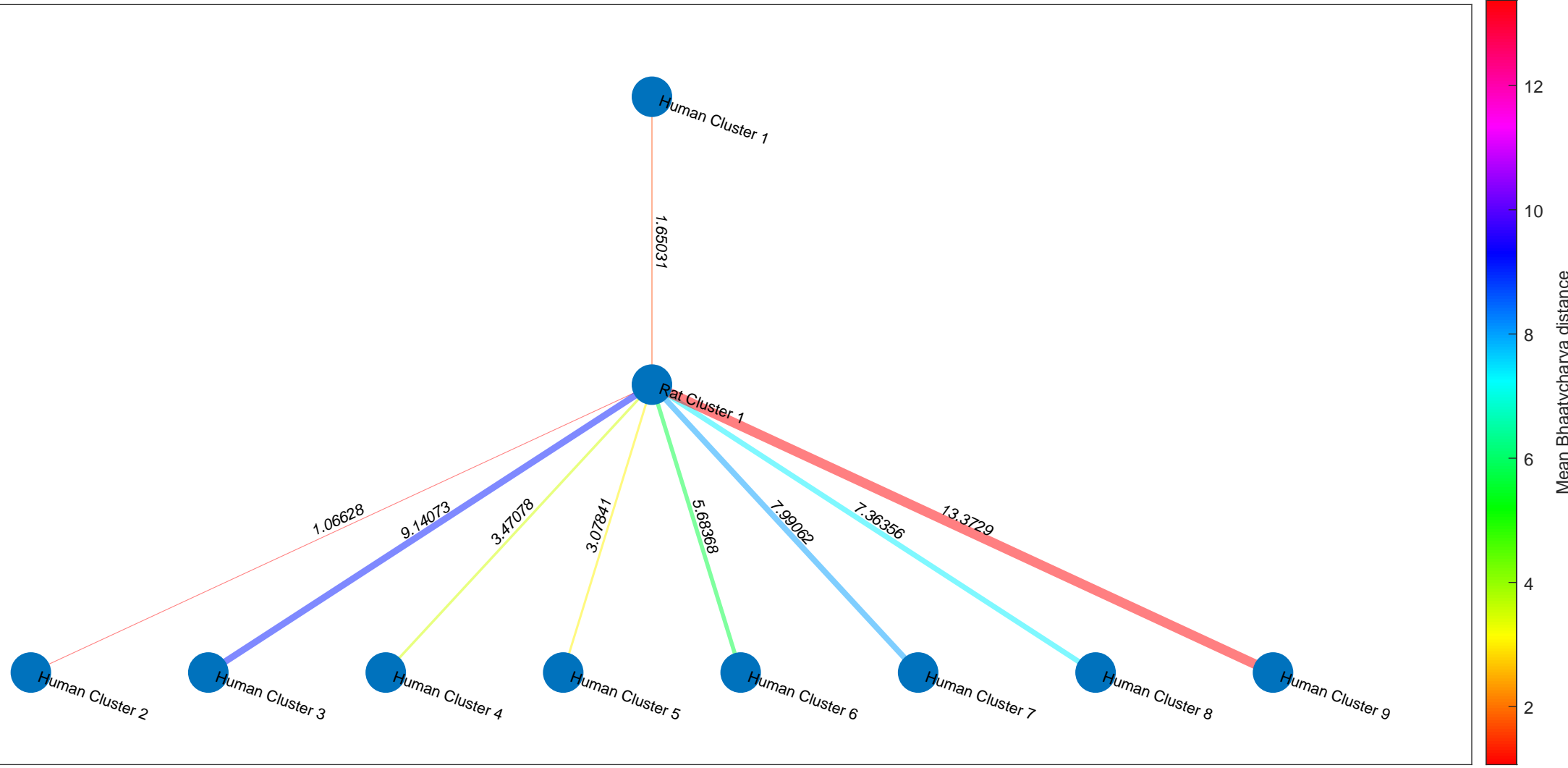




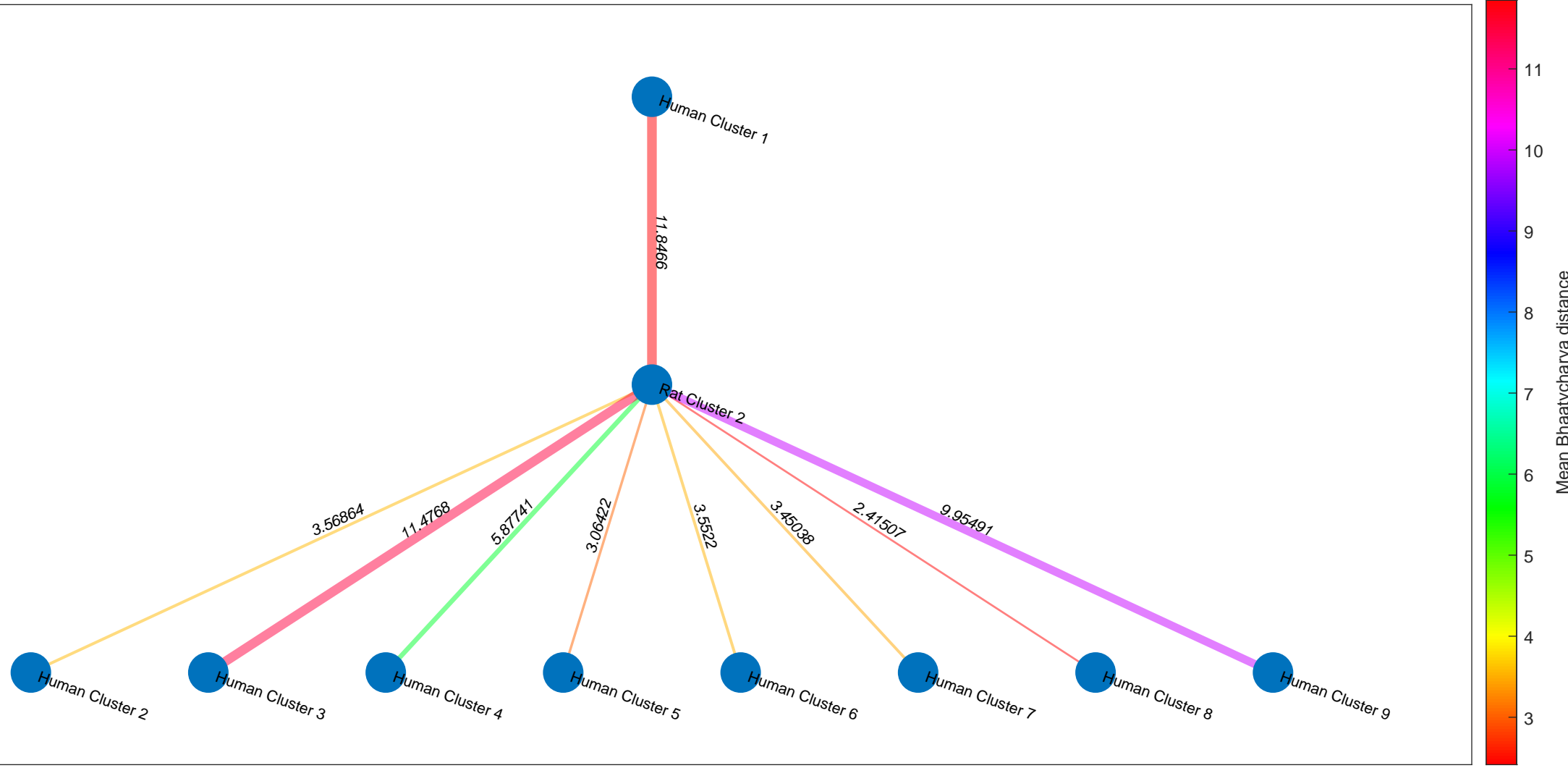




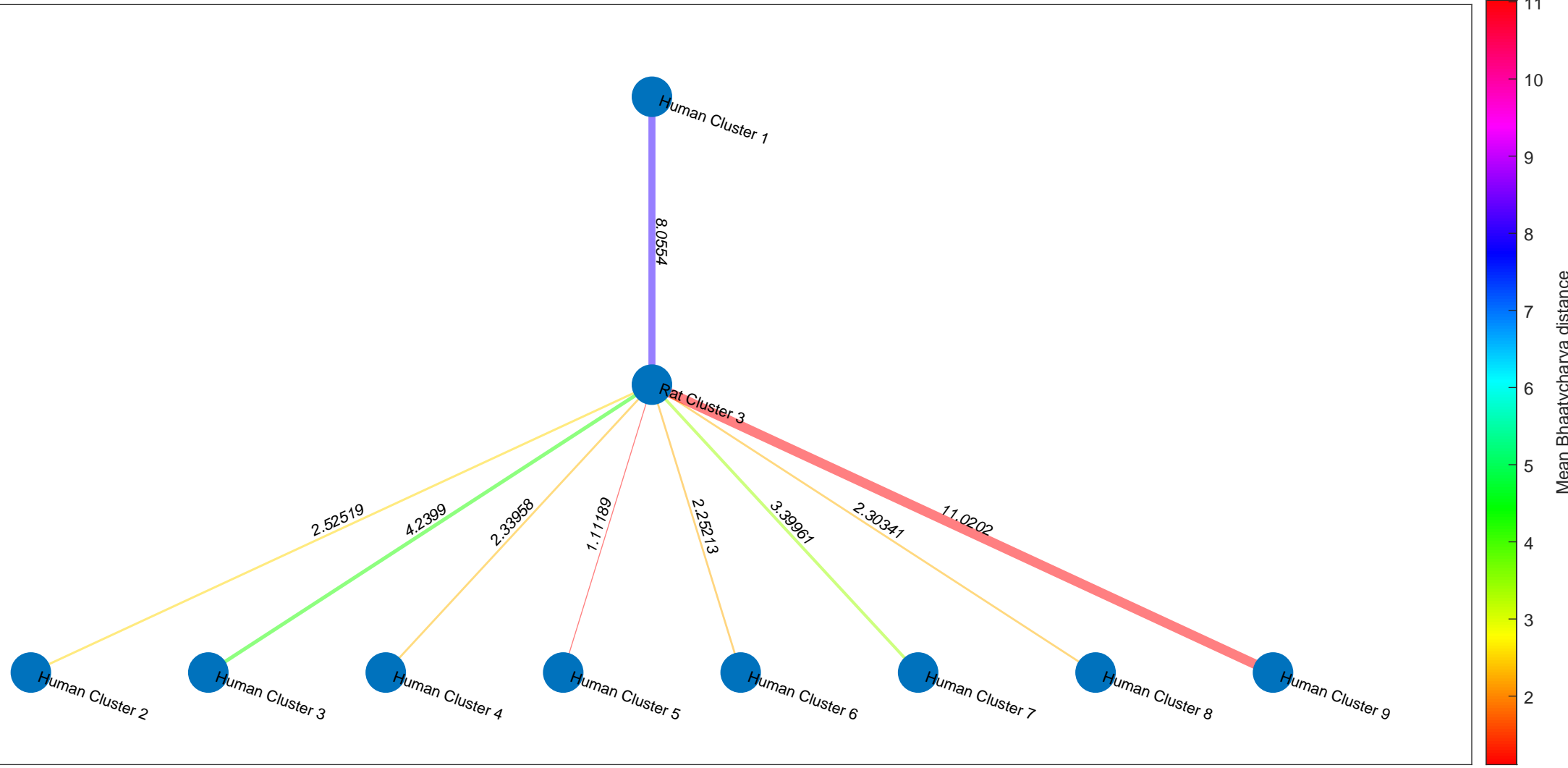
Mean Bhaatyacharya Distance Map All Human Clusters vs Rat Cluster 1
Number Of Human Approach Avoid Subjects: 25
Number of Human Approach Avoid Sessions: 683
Number Of Rat Subjects: 42
Number of Rat Sessions: 1616
Date Created:05-10-2024
create_a_bhaat_dist_tree_comparing_rat_to_human_ver_2.m
for session_c clustering



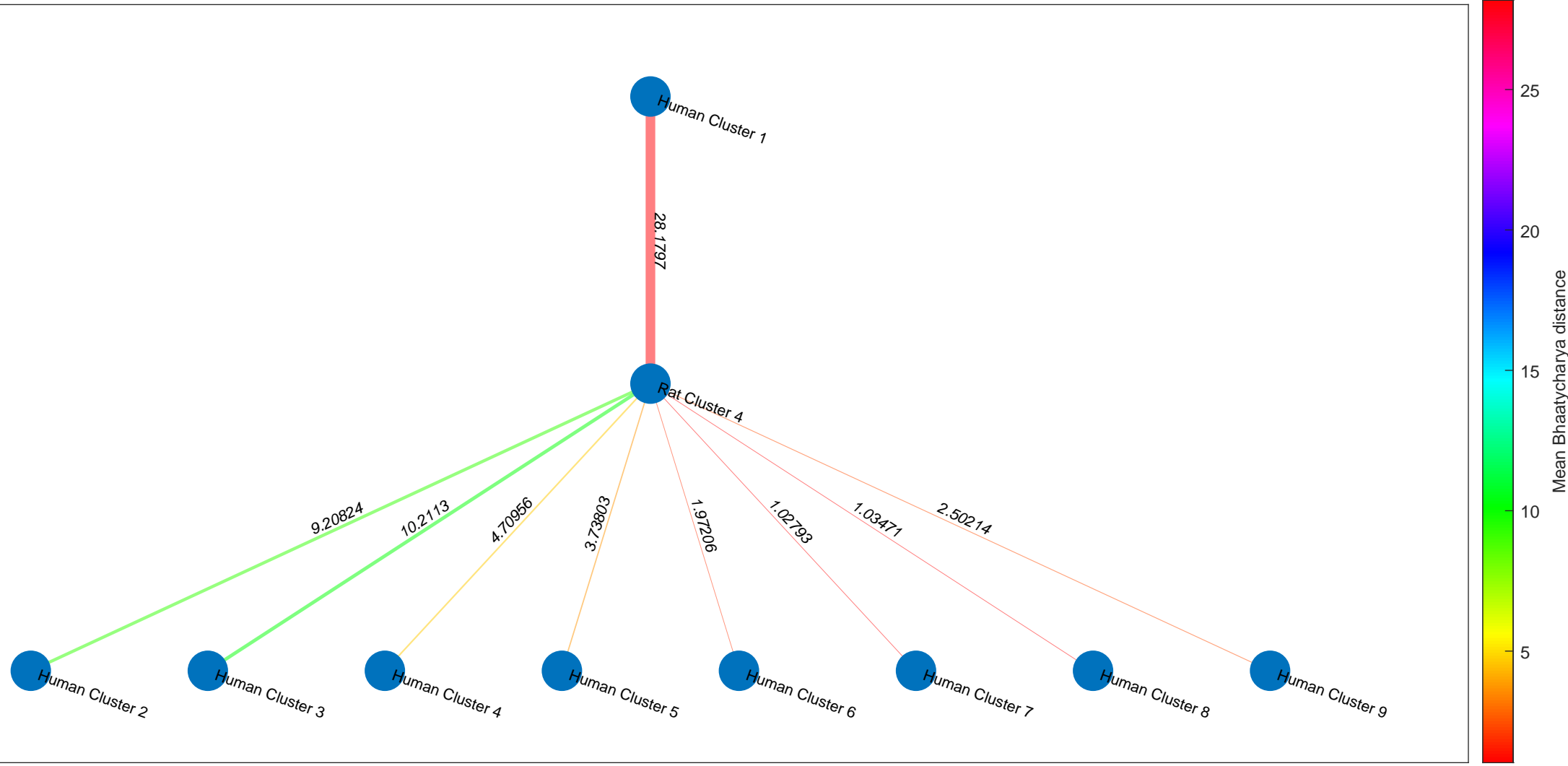
Mean Bhaatyacharya Distance Map All Human Clusters vs Rat Cluster 2
Number Of Human Approach Avoid Subjects: 25
Number of Human Approach Avoid Sessions: 683
Number Of Rat Subjects: 42
Number of Rat Sessions: 1616
Date Created:05-10-2024
create_a_bhaat_dist_tree_comparing_rat_to_human_ver_2.m
for session_c clustering



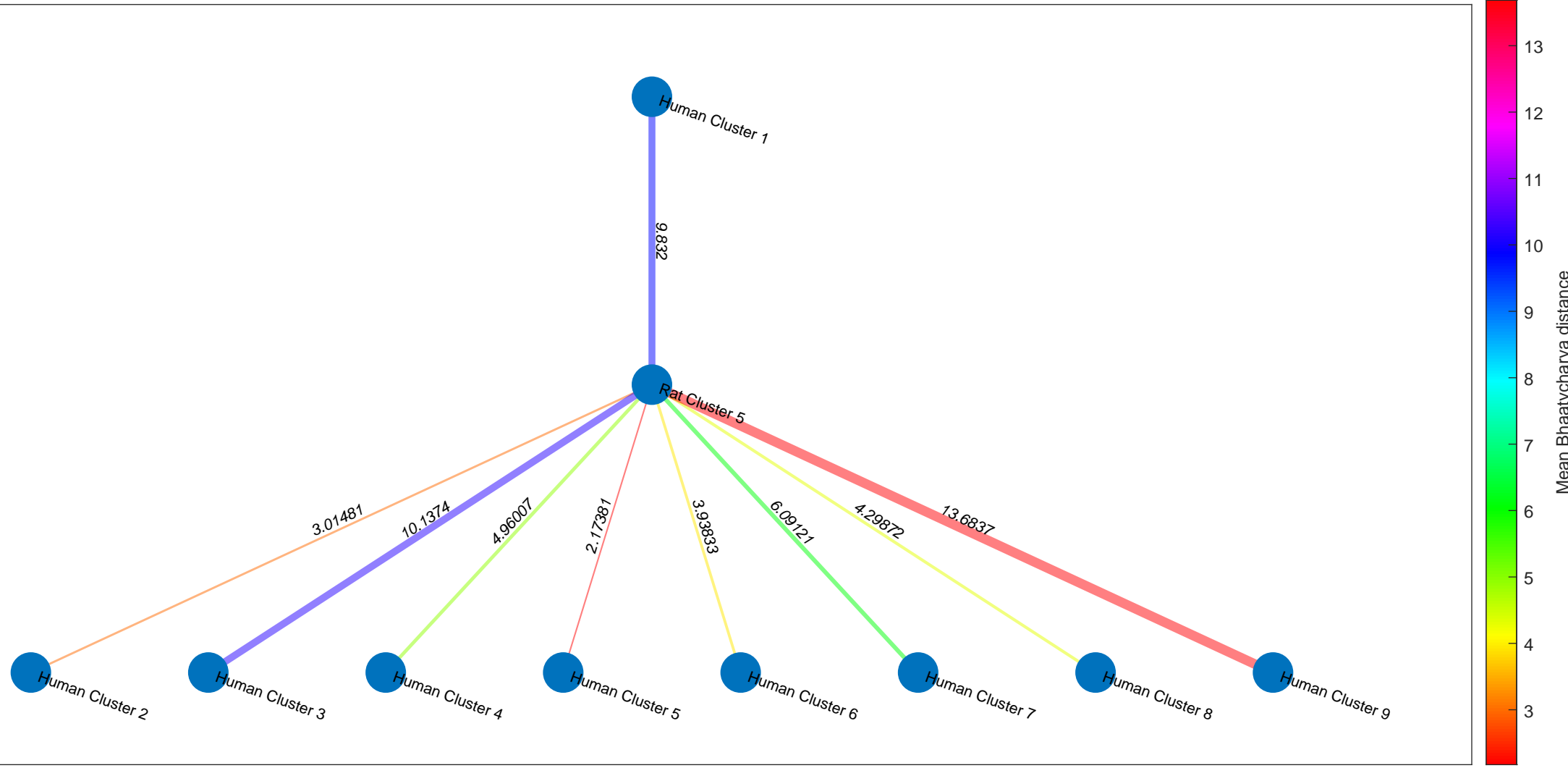
Mean Bhaatyacharya Distance Map All Human Clusters vs Rat Cluster 3
Number Of Human Approach Avoid Subjects: 25
Number of Human Approach Avoid Sessions: 683
Number Of Rat Subjects: 42
Number of Rat Sessions: 1616
Date Created:05-10-2024
create_a_bhaat_dist_tree_comparing_rat_to_human_ver_2.m
for session_c clustering



Mean Bhaatyacharya Distance Map All Human Clusters vs Rat Cluster 4
Number Of Human Approach Avoid Subjects: 25
Number of Human Approach Avoid Sessions: 683
Number Of Rat Subjects: 42
Number of Rat Sessions: 1616
Date Created:05-10-2024
create_a_bhaat_dist_tree_comparing_rat_to_human_ver_2.m
for session_c clustering



Mean Bhaatyacharya Distance Map All Human Clusters vs Rat Cluster 5
Number Of Human Approach Avoid Subjects: 25
Number of Human Approach Avoid Sessions: 683
Number Of Rat Subjects: 42
Number of Rat Sessions: 1616
Date Created:05-10-2024
create_a_bhaat_dist_tree_comparing_rat_to_human_ver_2.m
for session_c clustering



Mean Bhaatyacharya Distance Map All Human Clusters vs Rat Cluster 6
Number Of Human Approach Avoid Subjects: 25
Number of Human Approach Avoid Sessions: 683
Number Of Rat Subjects: 42
Number of Rat Sessions: 1616
Date Created:05-10-2024
create_a_bhaat_dist_tree_comparing_rat_to_human_ver_2.m
for session_c clustering

