

Table 5.22
Fuzzy Cluster Membership function

S.No	Pre-Determined	Economy	Variety Seeking	Familiar	Hard Cluster Membership
1	0.995075	0.000708	0.002867	0.00135	1
2	0.997423	0.000665	0.000396	0.001516	1
3	0.996487	0.000596	0.001416	0.0015	1
4	0.005406	0.992134	0.000388	0.002072	2
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151	0.005509	0.945122	0.042778	0.006592	2
152	0.003017	0.976698	0.00893	0.011356	2
153	0.00471	0.985739	0.001499	0.008052	2
154	0.00626	0.987069	0.002666	0.004005	2
155	0.007121	0.989115	0.000996	0.002769	2
156	0.00692	0.005093	0.953008	0.034979	3
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212	0.001102	0.001004	0.993395	0.004499	3
213	0.003646	0.001747	0.988829	0.005778	3
214	0.009037	0.004616	0.98419	0.002157	3
215	0.006184	0.007194	0.983097	0.003525	3
216	0.005902	0.00373	0.987771	0.002597	3
217	0.002171	0.001263	0.995927	0.000639	3
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354	0.028156	0.005411	0.025362	0.941071	4
355	0.017214	0.014072	0.124246	0.844468	4
356	0.002622	0.002615	0.001949	0.992815	4
357	0.025321	0.013585	0.009709	0.951385	4
358	0.001825	0.006824	0.00317	0.98818	4
Fuzzy Total	147.9476	62.10496	68.84175	79.10573	358
Hard Cluster Total	150	61	68	79	358
Differences	2.0524	1.10496	0.84175	0.10573	4.04948
Percentage of fuzziness of the segment	1.36	1.82	1.23	0.13	1.13