

Analatical Hyrarchy Process

The Analytic Hierarchy Process (AHP)														
Design	M1 air	M1 pro	M2 air			M1 air	M1 pro	M2 air	Priority		wt sum vector	consistency vector		
M1 air	1.00	3.00	0.11		M1 air	0.10	0.25	0.09	0.15		0.4491809074	3.086	Lambda	3.175
M1 pro	0.33	1.00	0.13		M1 pro	0.03	0.08	0.10	0.07		0.2185322782	3.025	CI	0.087
M2 air	9.00	8.00	1.00		M2 air	0.87	0.67	0.81	0.78		2.670099875	3.414	CR	0.151
Total	10.33	12.00	1.24		Total	1.00	1.00	1.00	1.00					
Features	M1 air	M1 pro	M2 air			M1 air	M1 pro	M2 air	Priority		wt sum vector	consistency vector		
M1 air	1.00	0.33	0.10		M1 air	0.08	0.04545454545	0.08	0.07		0.1991861939	2.96812919	Lambda	3.012216066
M1 pro	3.00	1.00	0.17		M1 pro	0.23	0.14	0.13	0.17		0.4953379953	2.979704797	CI	0.00610803280
M2 air	9.00	6.00	1.00		M2 air	0.69	0.82	0.79	0.77		2.368053	3.08881421	CR	0.01053109105
Total	13.00	7.33	1.27		Total	1.00	1.00	1.00	1.00					
Price	M1 air	M1 pro	M2 air			M1 air	M1 pro	M2 air	Priority		wt sum vector	consistency vector		
M1 air	1.00	3.00	6.00		M1 air	0.67	0.7142857143	0.50	0.63		1.988095238	3.170886076	Lambda	3.095193611
M1 pro	0.33	1.00	5.00		M1 pro	0.22	0.24	0.42	0.29		0.9047619048	3.095022624	CI	0.04759680526
M2 air	0.17	0.20	1.00		M2 air	0.11	0.05	0.08	0.08		0.2436507937	3.019672131	CR	0.08206345734
Total	1.50	4.20	12.00		Total	1.00	1.00	1.00	1.00					
Factor	Features	Design	Price			Features	Design	Price	Priority		wt sum vector	consistency vector		
Features	1.00	9.00	0.1428571429		Features	0.12	0.4736842105	0.11	0.24		0.8034056878	3.390393662	Lambda	3.471929704
Design	0.11	1.00	0.1111111111		Design	0.01	0.05	0.09	0.05		0.1570186086	3.040289804	CI	0.2359648519
Price	7.00	9.00	1.00		Price	0.86	0.47	0.80	0.71		2.834959342	3.985105646	CR	0.4068359516
Total	8.11	19.00	1.253968254		Total	1.00	1.00	1.00	1.00					