











4	Saaty`s 9-point	: scale
	Numerical values	Judgment Definition
	1	Equal importance
	3	Weak dominance
	5	Strong dominance
	7	Very strong dominance
	9	Absolute dominance
	2, 4, 6, 8	Intermediate values









 The AHP ther above. For ex assumed to im Responses in and yony strong 	n converts the ample if A is 's ply that A is 5 between those	e response trongly mo times more e are allow	es to the r re importan important red, e.g. 'be	iumbers sho t' than B, this than B. etween stron
 Judgments lea 	d to a matrix o	of compariso	ons, for exa	mple
Ment stim	1	4	6	4
Social	-	1	4	3
Stress		-		1/3
Security			-	1
	 Responses in and very stron Judgments lea Ment. stim. Social Stress Security 	 Bove: For example in A is 3 assumed to imply that A is 5 Responses in between those and very strongly more impo Judgments lead to a matrix of Ment. stim. Ment. stim. Social Stress Security 	Responses in between those are allow and very strongly more important', when Judgments lead to a matrix of comparise Ment. stim. Social Ment. stim. 1 4 Social 1 Stress Security	 Bove. For example if A is Strongly more important assumed to imply that A is 5 times more important Responses in between those are allowed, e.g. 'be and very strongly more important', when pair numb Judgments lead to a matrix of comparisons, for exa Ment. stim. Social Stress Ment. stim. 1 4 6 Social 1 4 Stress 1 Security

left hand colum stimulation is b than social inter security, i.e. jo	ns are express nn with attribu petween weakl eraction, while b security is w	te in the ro y and stror stress is or reakly more	by above. E ngly (4) mor nly 1/3 as in pimportant	.g. mental re important nportant as than stress
	Ment. stim.	Social	Stress	Security
Ment. stim.	Ment. stim.	Social 4	Stress 6	Security 4
Ment. stim. Social	Ment. stim.	Social 4 1	Stress 6 4	Security 4 3
Ment. stim. Social Stress	Ment. stim.	Social 4 1	Stress 6 4 1	Security 4 3 1/3







































Driority vectors	
Criteria AN EV WLS LLS EPP	LG
C1 0.352 0.358 0.411 0.356 0.391	0.3
C2 0.300 0.306 0.291 0.313 0.283	0.3
C3 0.043 0.041 0.047 0.042 0.065	0.0
C4 0.172 0.171 0.140 0.166 0.152	0.1
C5 0.122 0.122 0.111 0.122 0.100	0.1

				Prio	rity vect	ors for alt	ernatives					
a (11			A	N					E	V.		
Cr./AI.	AI	A2	A3	A4	AS	A6	AI	A2	A3	A4	AS	
C1	0.432	0.082	0.281	0.066	0.081	0.057	0.440	0.077	0.286	0.065	0.078	0.
C2	0.364	0.108	0.079	0.040	0.206	0.203	0.365	0.110	0.078	0.040	0.211	0
C3	0.403	0.178	0.034	0.107	0.159	0.119	0.409	0.180	0.032	0.106	0.153	0
C4	0.413	0.151	0.036	0.043	0.129	0.228	0.416	0.150	0.036	0.040	0.125	0
C5	0.048	0.223	0.192	0.325	0.166	0.045	0.046	0.209	0.187	0.352	0.162	0
			W	LS					L	LS		
C1	0.498	0.060	0.233	0.057	0.075	0.077	0.448	0.073	0.282	0.063	0.079	0
C2	0.394	0.099	0.056	0.043	0.205	0.203	0.384	0.108	0.071	0.041	0.204	0
C3	0.469	0.160	0.040	0.087	0.132	0.112	0.432	0.167	0.034	0.106	0.154	0
C4	0.464	0.131	0.046	0.039	0.117	0.202	0.423	0.147	0.036	0.039	0.125	0
C5	0.057	0.126	0.220	0.369	0.177	0.051	0.053	0.212	0.193	0.326	0.167	0
1												
			F	PP					L	ЗP		
C1	0.453	0.121	0.201	0.050	0.086	0.088	0.504	0.101	0.216	0.054	0.072	0
C2	0.389	0.117	0.078	0.067	0.194	0.156	0.391	0.098	0.065	0.056	0.195	0
C3	0.442	0.184	0.063	0.095	0.104	0.112	0.462	0.154	0.038	0.077	0.154	0
C4	0.423	0.165	0.059	0.045	0.132	0.176	0.461	0.154	0.051	0.066	0.115	0
C'5	0.170	0.188	0.160	0.279	0.146	0.056	0.056	0.337	0.169	0.236	0.169	0



		Pri	oritization me	ethods			
AN	EV	WLS	LLS	FPP	LGP	Synthesis	Ran
0.356	0.363	0.412	0.375	0.399	0.403	0.365	1
0.125	0.120	0.093	0.117	0.138	0.137	0.120	5
0.156	0.157	0.145	0.154	0.131	0.128	0.152	2
0.091	0.090	0.087	0.086	0.082	0.079	0.095	6
0.142	0.140	0.133	0.140	0.131	0.137	0.138	3
0.131	0.130	0.130	0.129	0.119	0.117	0.129	4
33.785	35.463	37.148	34.816	43.069	41.244	33.945	
							-
	0.336 0.125 0.156 0.091 0.142 0.131 0 33.785	0.356 0.363 0.125 0.120 0.156 0.157 0.091 0.090 0.142 0.140 0.131 0.130 0.33785 35.463	0.356 0.363 0.412 0.125 0.120 0.093 0.156 0.157 0.145 0.091 0.090 0.087 0.142 0.140 0.133 0.131 0.130 0.130 0 33.785 35.463 37.148	0.356 0.363 0.412 0.375 0.125 0.120 0.093 0.117 0.156 0.157 0.145 0.154 0.091 0.090 0.087 0.086 0.142 0.140 0.133 0.140 0.131 0.130 0.130 0.129 0 33.785 35.463 37.148 34.816	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		











- If verbal judgements are used, then a quantitative scale is imposed on the decision maker; e.g. one may think that A is weakly more important than B. The AHP assumes that this implies that A is 3 times more important than B.
- The method for obtaining weights (there are many) will not always be transparent to most decision makers.
- The failure to distinguish options and attributes reduces clarity.
- The addition of a new option to a decision problem can lead to a reversal of the rankings of the original options.
- The number of comparisons can make the method extremely time consuming; e.g. 5 options compared with respect to 5 attributes would need 60 pairwise comparisons.





