

Such an approach reduces the mistake of subjective evaluation of the author considerably. The results of ranking and criteria evaluation are illustrated in Table 1 by experts. The experts used scale (Table 2) for qualifying qualitative values of criteria  $C_j$  [15]. After evaluating criteria  $C_j$ , the experts also defined weights  $W_j$  for the criteria. The sum of all criteria weights equals 1. It may be concluded that the safety criterion is the most influential, because its influence is 15% of the total influence of all criteria, while the rest of the criteria are weaker. Many criteria have equal influence, as it is the case with facility of getting a credit ( $C_7$ ) and corruption ( $C_8$ ).

**Table 1** Evaluation of criteria  $C_j$  for each alternative-country  $A_i$  on the level of importance

Criteria	Serbia	Bulgar.	Mace.	Roma.	Greec.	Monte.	Alban.	B&H	Croat.	Slove.	Weights $W_j$
$C_1$	4	3.5	4	4	4	5	4.5	4	4.5	5	0.15
$C_2$	2	2	3	2	2	3.5	3	2	2	3	0.14
$C_3$	5	3	2	2	4	3	3	3	4	2	0.11
$C_4$	1	4	5	3	4	3	4	5	4	5	0.08
$C_5$	4.5	4	4.5	5	5	5	5	4	5	5	0.11
$C_6$	2.5	2	3	2	4	3	3.5	1.5	5	4.5	0.08
$C_7$	2.5	3	2	2.5	2.5	3.5	2.5	2	2.5	3	0.06
$C_8$	3.5	3.5	4.5	4.5	3.5	4	4	3.5	4	5	0.06
$C_9$	2.8	3.8	3.7	3	4	3.4	3.5	1.6	4	5.3	0.04
$C_{10}$	3	3	4	2.5	4.5	3	3.5	2	5	5	0.03
$C_{11}$	3.5	3.5	4.5	4	4	4.5	4	3.5	4	5	0.03
$C_{12}$	2	3	2.5	2.5	3	3	1.5	2	3.5	3	0.03
$C_{13}$	3	4	3	4	5	4.1	5	2.5	4.5	5	0.02
$C_{14}$	4.5	4.5	5	4.5	4.5	4.5	4	4	4.5	5	0.02
$C_{15}$	3	3	5	2	2	3	2	3	3	3	0.02
$C_{16}$	3.5	4	4	4.5	3	4	5	3	3.5	4	0.01
$C_{17}$	2.5	3	3	2.9	3	4	4	2	3	4	0.01
$C_{18}$	3	3.5	4	4	4	4	3.5	3	4	5	0.01
$C_{19}$	4	4.5	4.5	5	5	4	4	3.5	4	5	0.01
$C_{20}$	3	3	3.5	3	3.5	4	3	3	3	4.5	0.01

**Table 2** Linear quantifications of qualitative attributes

1	2	3	4	5
Very low	Low	Medium	Strong	Very strong

Besides weight factors  $W_j$ , the decision maker has to be able to assign to each  $C_j$  criterion a corresponding preference function  $P(d)$  (Fig.2). Besides the preference function, it is necessary to determine which function is minimized and which is maximized. In this paper, the criteria belonging to the category of finances and the criteria having a negative influence on the system's logistic performances are minimized, while the criteria improving business conditions are maximized.

By final implementation of the PROMETHEE II method in the process of solving problems of multi-criteria decision-making for evaluating indexes of preferences  $IP(a,b)$  (3), the results of final index of alternative  $T(a)$  (6) are obtained, and their values are