

**Table 10** Pairwise comparison of ratios  $\frac{A}{B}$  (dominant cases/gaps) for direct algorithms with 450 examples

$\begin{smallmatrix} B \\ A \end{smallmatrix}$	MPCC	WDP	MDP	eMDP	TWDP	TMDP	eTMDP	ETMDP
WDP	1.27/0.84	-	-	-	-	-	-	-
MDP	1.29/0.83	0.98/0.94	-	-	-	-	-	-
eMDP	0.84/1.05	0.54/1.11	0.55/1.22	-	-	-	-	-
TWDP	1.48/0.89	1.11/0.91	0.95/1.07	1.79/0.82	-	-	-	-
TMDP	1.50/0.90	1.17/0.88	1.09/1.08	1.80/0.81	1.07/1.02	-	-	-
eTMDP	0.87/1.11	0.59/1.25	0.60/1.22	1.02/1.11	0.58/1.16	0.90/1.25	-	-
ETMDP	1.50/0.94	1.22/0.70	1.19/0.96	1.99/0.74	1.21/0.93	1.78/0.92	1.87/0.75	-
eETMDP	0.21/1.35	0.10/1.59	0.12/1.82	0.38/1.50	0.11/1.76	0.21/1.56	0.12/1.41	0.10/1.36

**Table 11** Pairwise comparison of ratios  $\frac{A}{B}$  (dominant cases/gaps) for relaxation algorithms with 450 examples

$\begin{smallmatrix} B \\ A \end{smallmatrix}$	MPCC	WDP	MDP	eMDP	TWDP	TMDP	eTMDP	ETMDP
WDP	4.72/0.88	-	-	-	-	-	-	-
MDP	4.88/0.83	0.99/0.76	-	-	-	-	-	-
eMDP	2.40/1.45	0.37/1.11	0.34/1.55	-	-	-	-	-
TWDP	4.09/0.64	0.83/0.63	0.85/0.71	2.65/0.50	-	-	-	-
TMDP	4.14/0.73	0.83/0.76	0.85/0.92	2.58/0.56	0.97/1.15	-	-	-
eTMDP	2.28/1.40	0.39/1.04	0.34/1.55	1.00/0.96	0.40/1.89	0.62/3.27	-	-
ETMDP	2.19/0.63	0.81/0.63	0.78/0.66	1.56/0.47	0.84/1.05	1.29/1.34	1.51/0.53	-
eETMDP	1.87/2.64	0.26/1.41	0.22/1.84	0.55/1.42	0.23/3.65	0.31/13.29	0.59/1.69	0.43/4.04