

FIGURE 4

**Pairwise
Path-length
distances**

	A	B	C	D	E
A	0	2	4	6	8
B	2	0	4	6	8
C	4	4	0	6	8
D	6	6	6	0	8
E	8	8	8	8	0

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	A	B	C	D	E
A	0	7	4	6	8
B	7	0	9	11	13
C	4	9	0	6	8
D	6	11	6	0	8
E	8	13	8	8	0

CADM phylo
W: 0.706
Chi-2: 12.71
P-value: 0.256

**Pairwise
topological
distances**

	A	B	C	D	E
A	0	2	3	4	5
B	2	0	3	4	5
C	3	3	0	3	4
D	4	4	3	0	3
E	5	5	4	3	0

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	A	B	C	D	E
A	0	2	3	4	5
B	2	0	3	4	5
C	3	3	0	3	4
D	4	4	3	0	3
E	5	5	4	3	0

CADM topo
W: 1.000
Chi-2: 18.00
P-value: 0.029

Statistical conclusion: Phylogenetic congruence