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CORRIGENDUM

Causal diagrams and the logic of matched case-control studies [Corrigendum]

Shahar E, Shahar DJ. Clinical Epidemiology. 2012;4:137–144.

On page 140, Figure 8 Diagram B shows a cause of *D* that is not a confounder. After conditioning on *S*, an association is also created between *E* and *C*, and therefore, a dashed line should connect these variables (revised figure below). As a result, three paths (not two) now connect *C* and *D* ($C - E \rightarrow D$; $C \rightarrow D$; and C - D). Since these three paths sum up to a null association between *C* and *D*, the sum of $C \rightarrow D$ and C - Dis not null, and colliding bias is present (unless the effect of *E* on *D* is precisely null).



Figure 8 Special cases of matching: no net bias under the precise null (A); colliding bias in the absence of confounding bias (B and C). Note: The question mark denotes the effect of interest.

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