Correction to: A Tale of Two Deficits: Causality and Care in Medical AI

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The original version of this article unfortunately contains an unconverted data in footnotes 5, 9 and 13.

The correct presentation of data should be.

⁵Formally:

P1: $(P \supset Q)$

P2: $\sim Q$

C: $\therefore \sim P$ (*modus tollens* rule of inference)

⁹Formally:

P1: $(P \supset Q)$

P2: $((Q.R) \supset S)$

P3: R

C: $\therefore (P \supset S)$

Proof of validity:

1: $(P \supset Q)$

2: $((Q.R) \supset S)$

3: R

$(P \supset S)$ (block off conclusion and assume the negation of C)

4: asm: $\sim(P \supset S)$

5: $\therefore P$ (from 4)

The online version of the original article can be found at <https://doi.org/10.1007/s13347-019-00359-6>

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- 6: $\therefore \sim S$ (from 4)
 7: $\therefore Q$ (from 1 and 5) (*modus ponens*)
 8: $\therefore (Q.R)$ (from 3 and 7)
 9: $\therefore S$ (from 2 and 8) (*modus ponens*)
 10: $\therefore (P \supset S)$ (from 4; 6 contradicts 9) (*reductio ad absurdum*) (QED)

¹³ Formally:

P1: $(P \supset Q)$

P2: $(Q \supset R)$

P3: $(P \equiv S)$

C: $\therefore (S \supset R)$

Proof of validity:

1: $(P \supset Q)$

2: $(Q \supset R)$

3: $(P \equiv S)$

$(S \supset R)$ (block off conclusion and assume the negation of C)

4: asm: $\sim(S \supset R)$

5: $\therefore S$ (from 4)

6: $\therefore \sim R$ (from 4)

7: $\therefore (P \supset R)$ (from 1 and 2) (hypothetical syllogism)

8: $\therefore \sim P$ (from 6 and 7) (*modus tollens*)

9: $\therefore (S \supset P)$ (from 3)

10: $\therefore \sim S$ (from 8 and 9) (*modus tollens*)

11: $\therefore (S \supset R)$ (from 4; 5 contradicts 10) (*reductio ad absurdum*) (QED)

The original article has been corrected.

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