NEW COUNTEREXAMPLES TO A WELL-KNOWN PROVERB

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ABSTRACT. It is well known that popular wisdom is often able to capture some aspects of reality with fulminating aphorisms. Nonetheless, reality is reluctant to be encoded in short sentences and, accordingly, popular aphorisms admit counterexamples. We offer a sample of this phenomenon in our note.

1. On the proverb 'Better a live donkey than a dead doctor'

We offer the following three counterexamples, the third one being a conjunction of the others, to the following well-known proverb (compare with the results in [1]):

Better a live donkey than a dead doctor.





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REFERENCES

- [1] C. Zanco, A counterexample to a proverb. Available online at: www.mat.unimi.it/users/zanco/Socio-Matematica/A COUNTEREXAMPLE TO A PROVERB.pdf
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