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Intrinsically Interpretable Machine Learning In Computer Aided Diagnosis

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1. Angle-based dissimilarity is more robust than Euclidean distance with regards to learning from missing data, at least within the scope of LVQ classifiers.
2. Accuracy is not enough, especially when classes are imbalanced.
3. Dimensionality reduction is essentially technically sophisticated, mathematically sound cartooning, without the feature exaggeration bit of the latter.
4. Missing a thing hurts the brain. Missing a person hurts the heart. Missing values hurt the decision boundaries.
5. When we can be skeptics with regards to psychics and witch doctors why can't we have the same skepticism towards algorithms whose decision-making logic is incomprehensible?
6. Your pee-value can indicate the health condition of your adrenal glands.
7. Hyperbolas are the saddest stories among curves. They only *\emph{almost}* meet.
8. It is easier to fake sorrow for someone else than it is to fake happiness for them.
9. Looking up into the night sky is looking into infinity -distance is incomprehensible and therefore meaningless- Douglas Adams
10. Without great solitude, no serious work is possible.-Pablo Picasso