Reviewer's report

**Title:** Artificial neural network models for prediction of cardiovascular autonomic dysfunction in general Chinese population

**Version:** 1 **Date:** 22 March 2013

**Reviewer:** Turgay IBRIKCI

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Major:

1- The manuscript definitely needs to rewrite by native speaker again.

2- The structure of the manuscript is little bit messy, because the discussion section has the "Introduction" materials

3- The conclusion section has very strong statement as a conclusion statement that says "The performans of the ANN model (the manuscript just compared 5 ANN models) with high value predicted CA dyfunction". But, The manuscript did not compare other models. So, it is difficult to say that statement.

4- The manuscript gives 5 ANN models but does not explain any details about these models?

5- The abstract section says that the database has 2092 patients, but page 9 line 18 says that there are 2077 patients for ANN models. The manuscript needs to recalculate statistical parameters again because of this patients information.