

Complement Coding: Complement_code.m usage

1) Complement_code(data) :

- a. **data** is an array with M columns and N rows, where M is the number of features and N is the number of input records.

2) Complement_code(data,min_vect,max_vect) :

- a. **data** is an array with M columns and N rows, where M is the number of features and N is the number of input records.
- b. **min_vect** is a row vector of length M indicating the *minimum* allowable feature value.
- c. **max_vect** is a row vector of length M indicating the *maximum* allowable feature value.

Reference:

Carpenter, G. A., Grossberg, S., & Rosen, D.B. (1991)

Fuzzy ART: Fast stable learning and categorization of analog patterns by an adaptive resonance system.

Neural Networks, 4, 759-771.

<http://profusion.bu.edu/techlab/modules/mydownloads/singlefile.php?cid=26&lid=10>