

Prediction of miRNA-disease Associations using an Evolutionary Tuned Latent Semantic Analysis

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Affiliations:

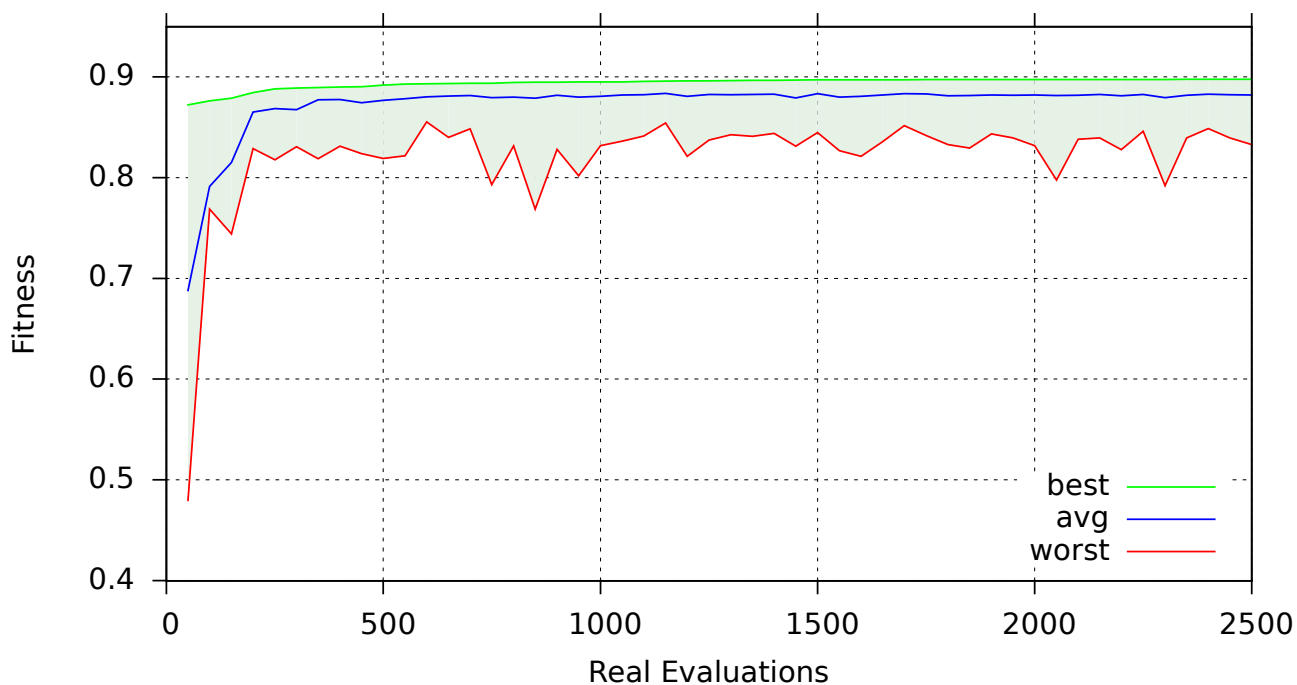
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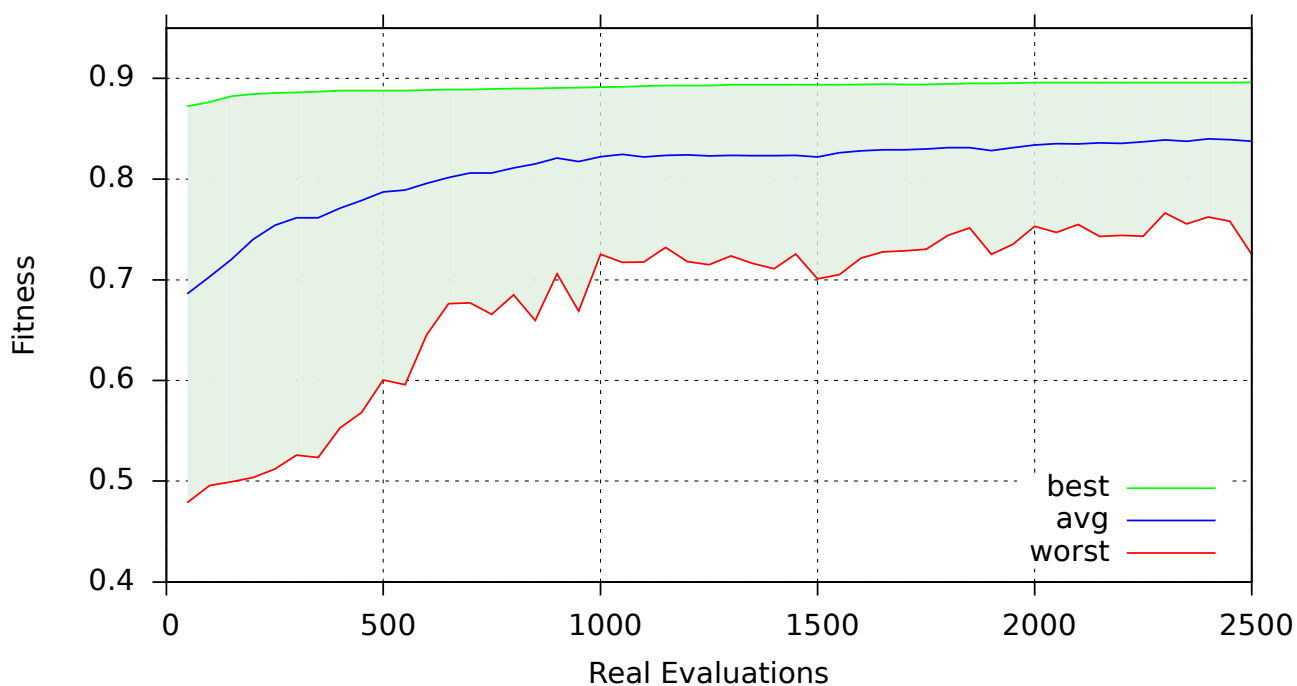
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Supplementary Materials

Supplementary Figure S1: Best, average and worst population fitness evolution for each experiment using PGPABDE.



Supplementary Figure S2: Best, average and worst population fitness evolution for each experiment using PBDE.



Other supplementary datasets stored in separate files.

Supplementary Table S1: Results obtained by EA tuned MiRAI for 83 diseases.

Supplementary Table S2: List of putative false association contained in HMDD.

Supplementary Table S3: AUC scores obtained for 15 important diseases using an updated list of miRNA-disease associations..

Supplementary Table S4: AUC scores obtained for 83 diseases using an updated list of miRNA-disease associations.

Supplementary Table S5: List of potential new associations identified by EA tuned MiRAI.

Supplementary Table S6: List of unconfirmed new associations.