

Semantic Approximation for Reducing Code Bloat in Genetic Programming

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Supplement: The average bloat, overfitting and complexity over generations on problems

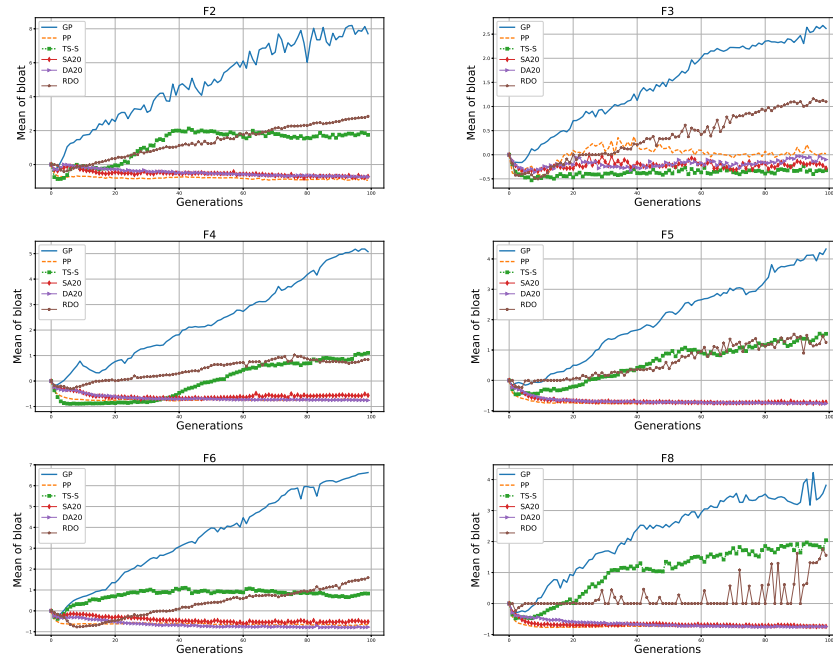


Figure 1: The average bloat over generations on problems F2, F3, F4, F5, F6 and F8.

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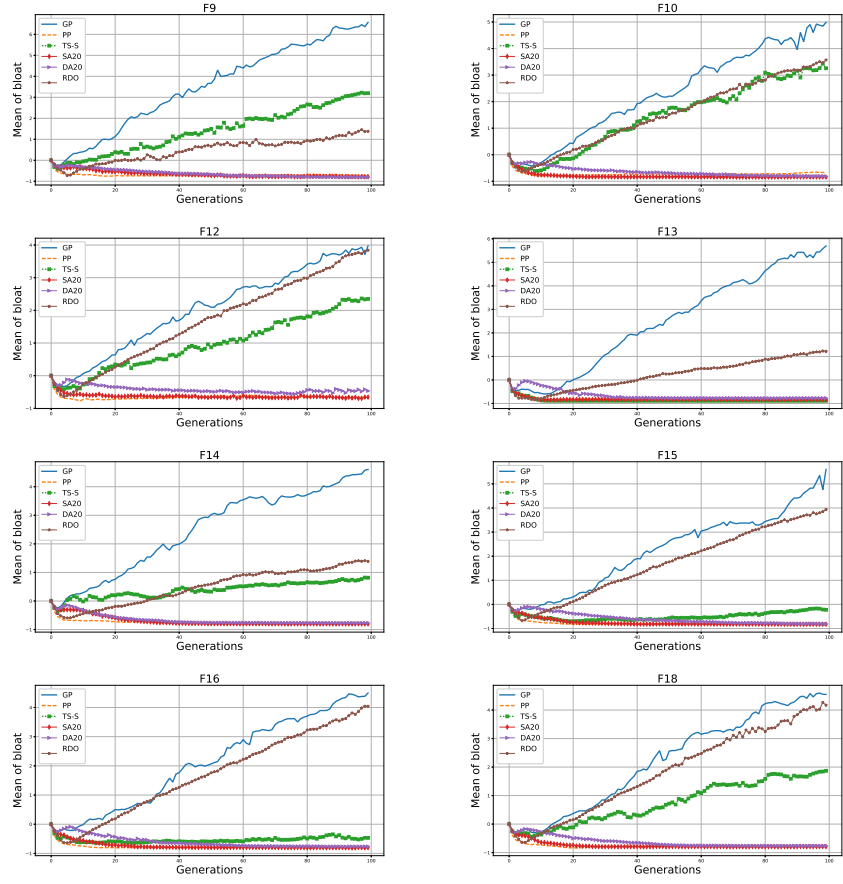


Figure 2: The average bloat over generations on problems F9, F10, F12, F13, F14, F15, F16 and F18.

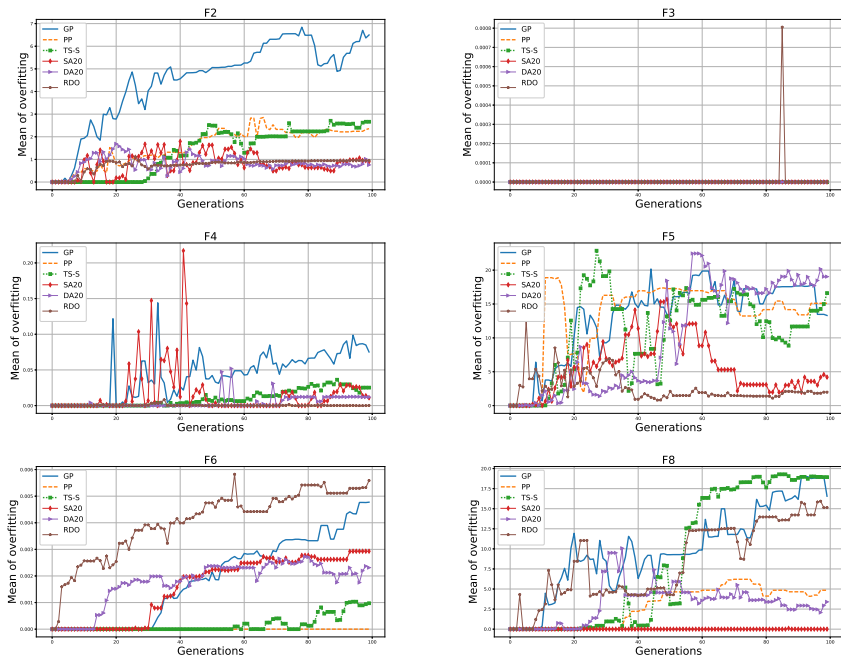


Figure 3: The average overfitting over the generations on problems F2, F3, F4, F5, F6 and F8.

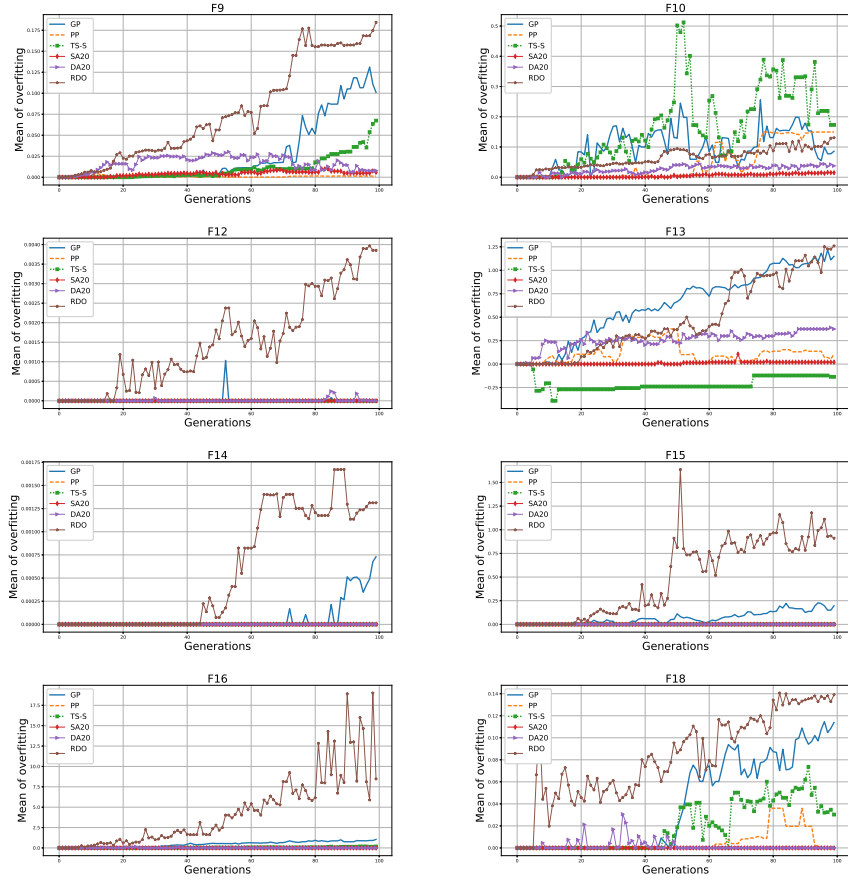


Figure 4: The average overfitting over the generations on problems F9, F10, F12, F13, F14, F15, F16 and F18.

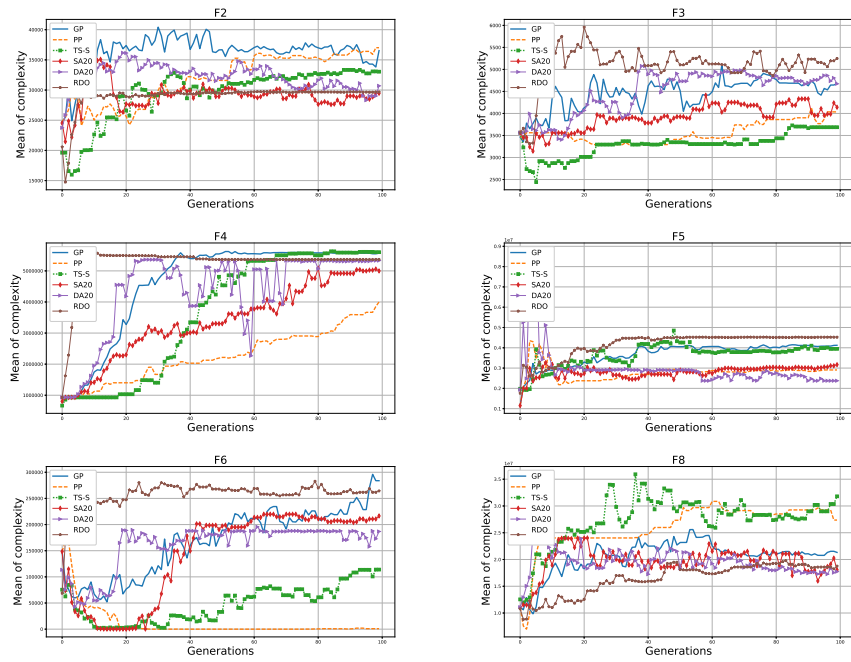


Figure 5: The average complexity of the best individual over the generations on problems F2, F3, F4, F5, F6 and F8.

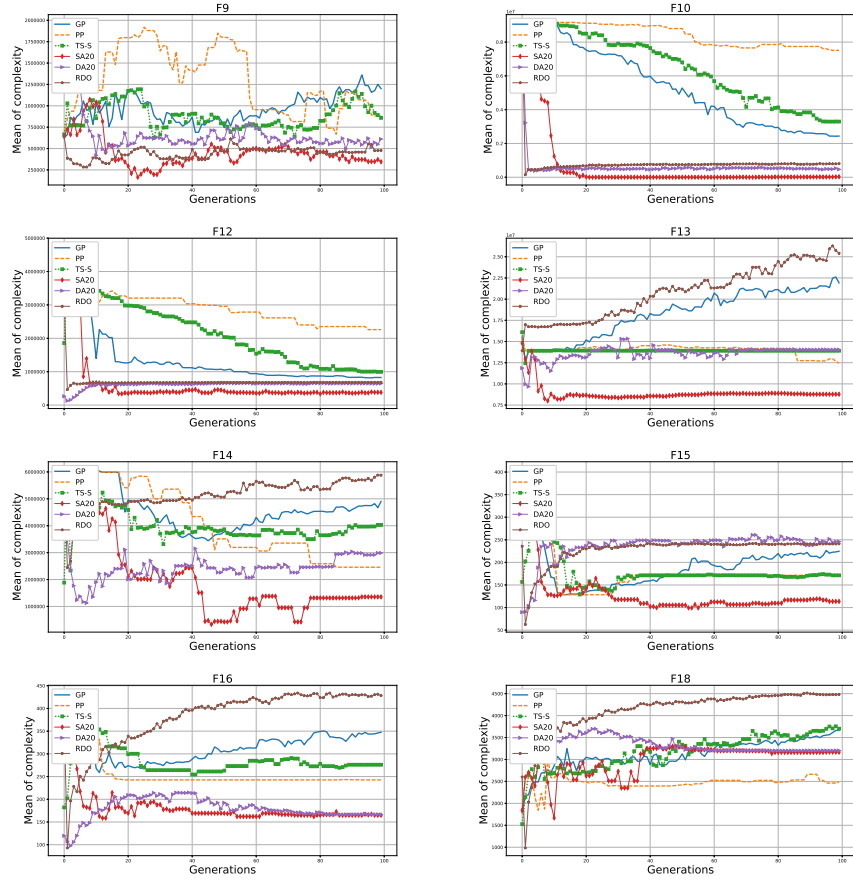


Figure 6: The average complexity of the best individual over the generations on problems F9, F10, F12, F13, F14, F15, F16 and F18.