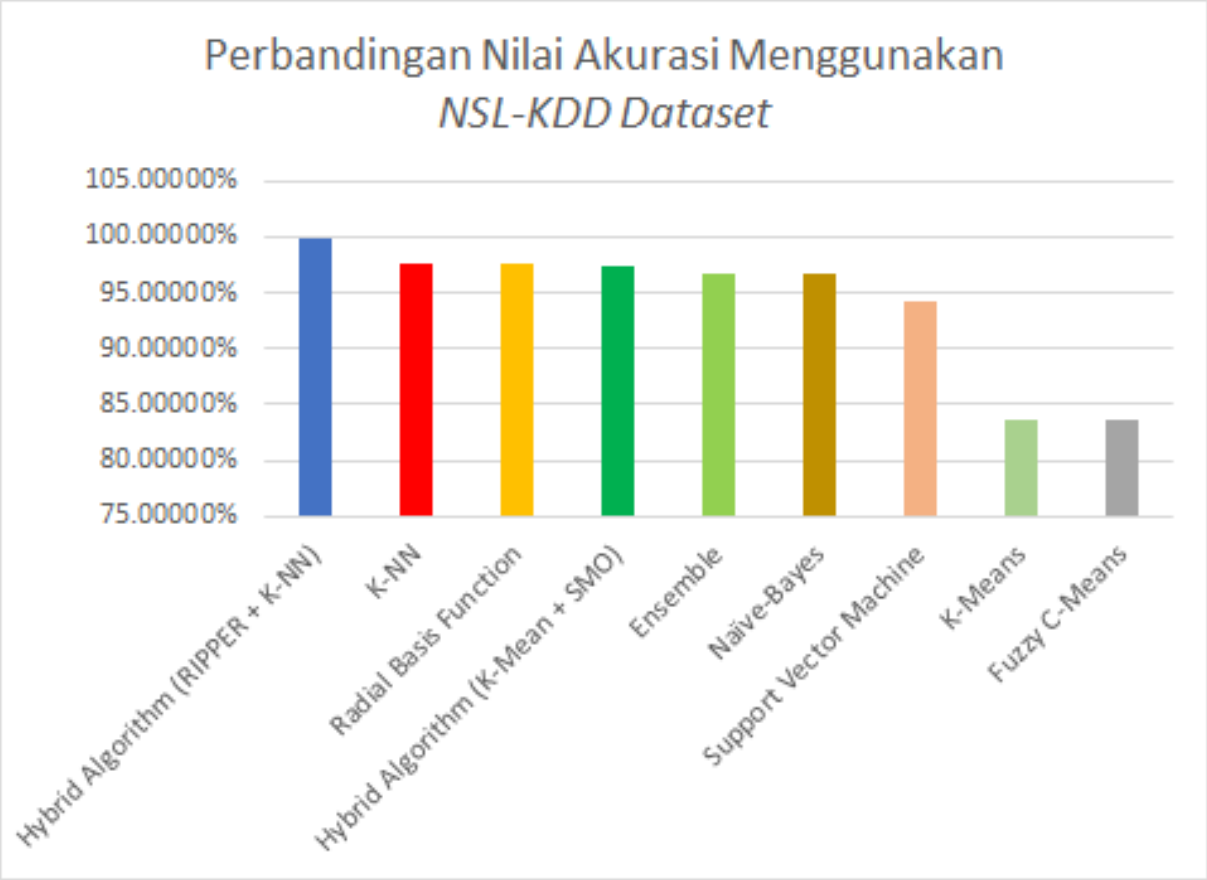
4.3 Perbandingan Nilai Akurasi dengan Penelitian Lainnya Menggunakan *NSL-KDD Dataset*



Gambar 6. Perbandingan Nilai Akurasi

5. Kesimpulan

Penggunaan dua algoritma yang berbeda karakteristik, yaitu algoritma RIPPER dan algoritma *K-Nearest Neighbour* (K-NN) mampu membangun *model detection* yang bisa menghasilkan akurasi yang akurat baik untuk data dengan jenis anomali yang sudah dipelajari maupun yang belum pernah dipelajari. Hasil akurasi terbaik untuk seluruh pengujian yang dihasilkan akurasi terbaik sebesar 99.89522%. Penggunaan nilai k yang menghasilkan akurasi terbaik adalah menggunakan nilai k=1. Untuk penelitian selanjutnya coba dilakukan proses deteksi anomali terhadap data trafik jaringan secara *realtime*.

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