BAB VI

KESIMPULAN DAN SARAN

6.1 Kesimpulan

Dari penelitian ini diperoleh beberapa kesimpulan yaitu :

1. Proses deteksi dan hitung otomatis tandan kelapa sawit menggunakan *faster* R-CNN yang telah disusun menunjukkan hasil yang baik.
2. Pelatihan yang dilakukan dengan 5-*fold cross-validation* menunjukkan hasil yang tidak jauh berbeda dari setiap eksperimennya.
3. Empat arsitektur jaringan yang di uji menghasilkan F1 *score* yang sama baiknya, yaitu di atas 80%.

6.2 Saran

Adapun saran dari penulis untuk penelitian berikutnya adalah :

1. Penambahan *dataset* yang lebih banyak akan menghasilkan hasil yang lebih variatif.
2. *Inference* yang telah berhasil dibuat dapat diimplementasikan ke aplikasi mobile sehingga dapat dimanfaatkan secara *real time*.
3. Modifikasi di masing-masing arsitektur jaringan dapat menjadikan penemuan baru untuk hasil *inference* yang lebih baik.

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