Bagian Implementasi Algoritma Multi-Step Ranking

Pilih 3 Model Terbaik Pada Eksperimen Unsupervised

Implementasikan Algoritma Multi-Step Ranking

Pilih Top 250 Untuk Dilakukan Evaluasi 2

Dataset Ekspresi Gen Kanker Paru-Paru GSE10072

Preprocessing

Dataset Training

Dataset Validasi

Dataset Testing

Bagian Supervised

Evaluasi 1 Dengan Menambahkan Layer Logistic Regression

TDK

Hasil Lebih Baik?

Tuning Parameter

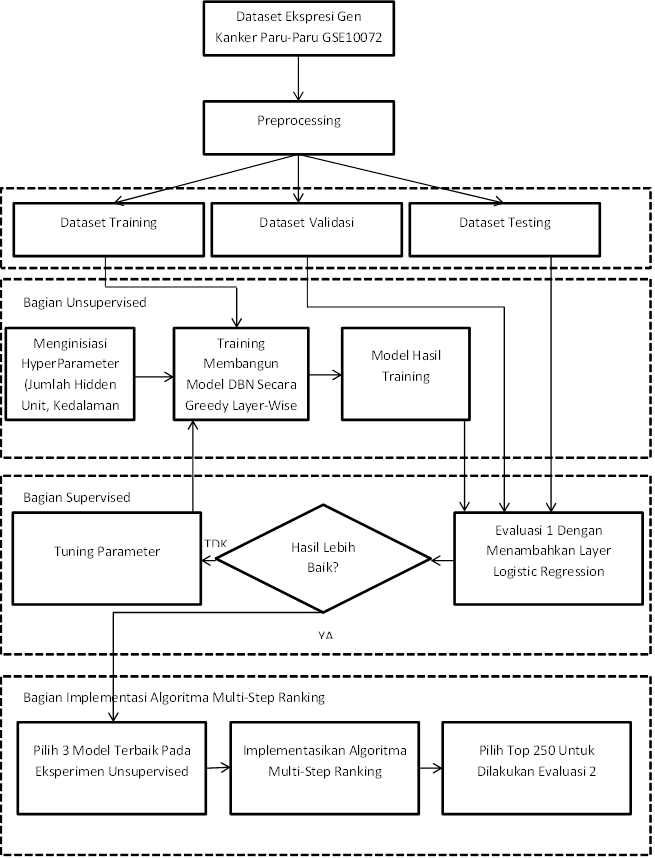
Bagian Unsupervised

Training Membangun Model DBN Secara Greedy Layer-Wise

Menginisiasi HyperParameter (Jumlah Hidden Unit, Kedalaman Layer)

Model Hasil Training

YA



Bagian Evaluasi Akhir

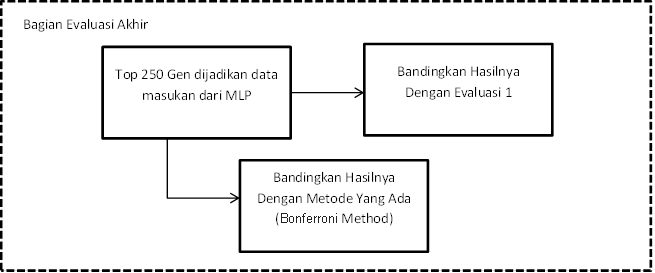
Top 250 Gen dijadikan data masukan dari MLP

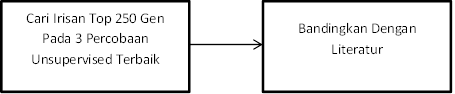
Bandingkan Hasilnya Dengan Evaluasi 1

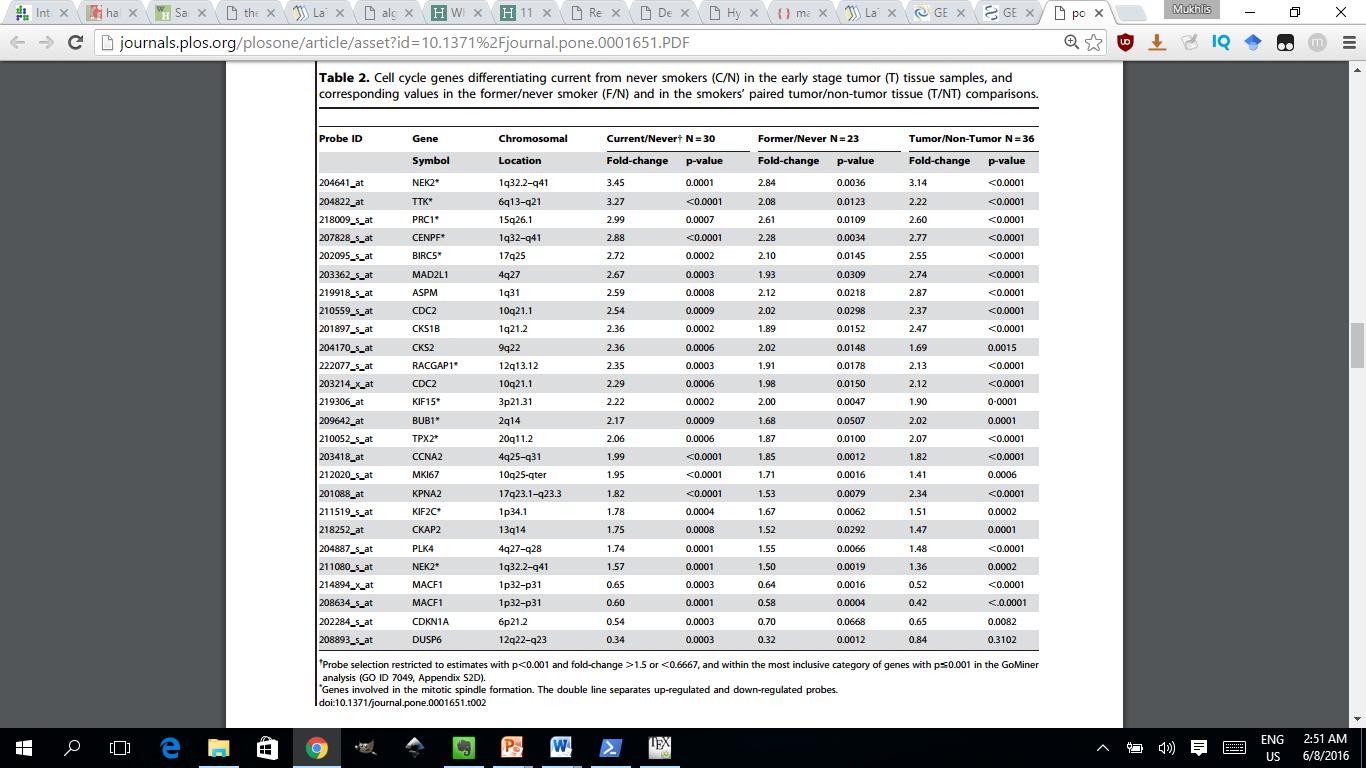
Bandingkan Hasilnya Dengan Metode Yang Ada (Bonferroni Method)

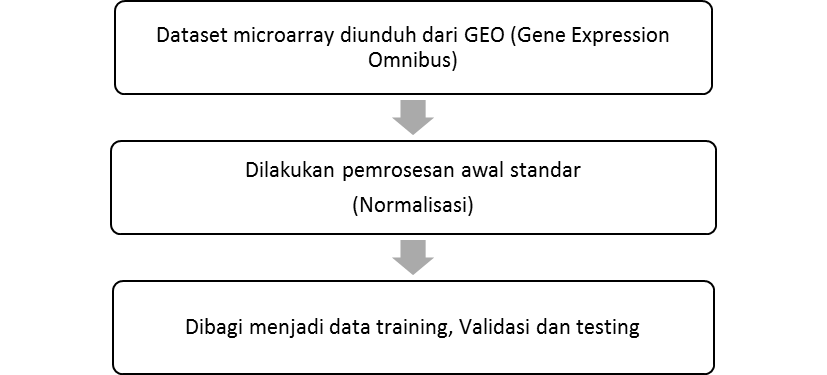
Bandingkan Dengan Literatur

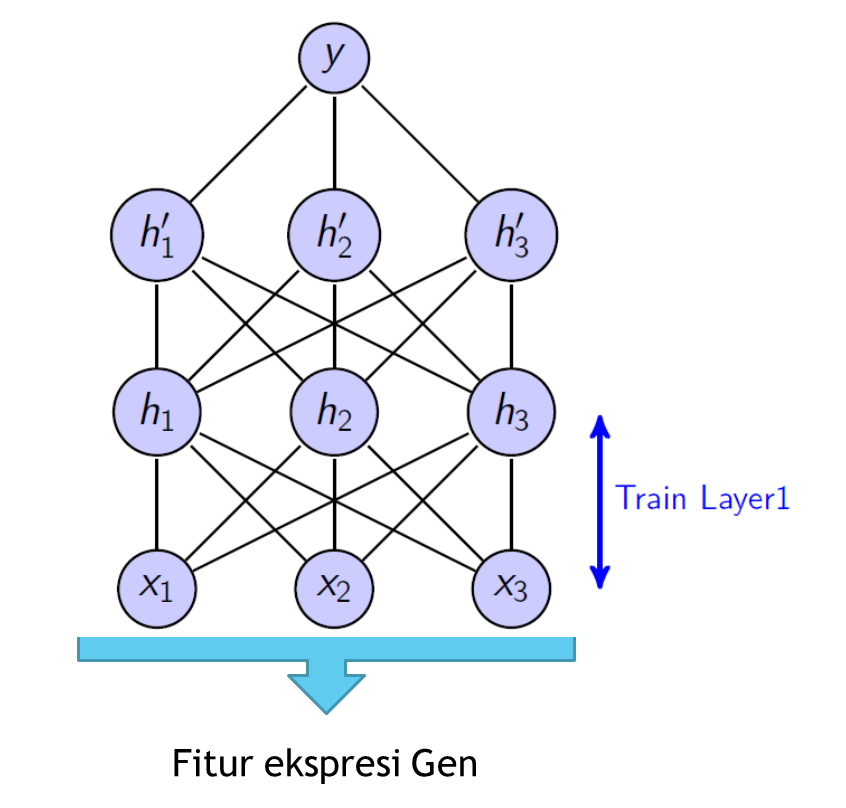
Cari Irisan Top 250 Gen Pada 3 Percobaan Unsupervised Terbaik



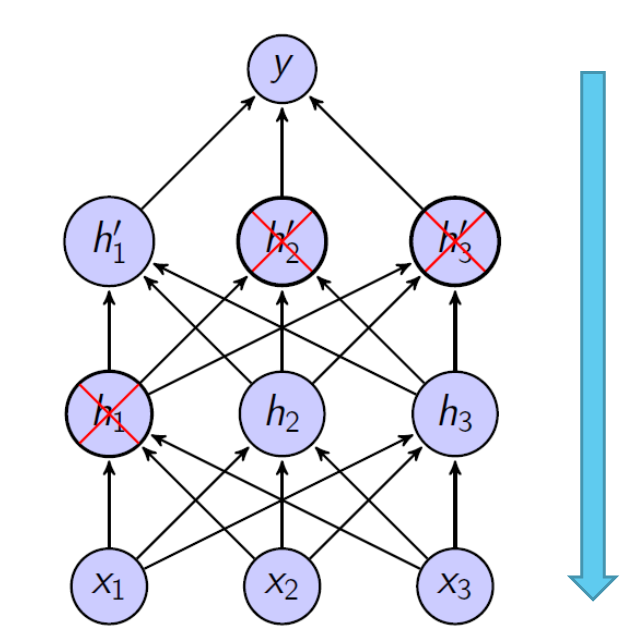


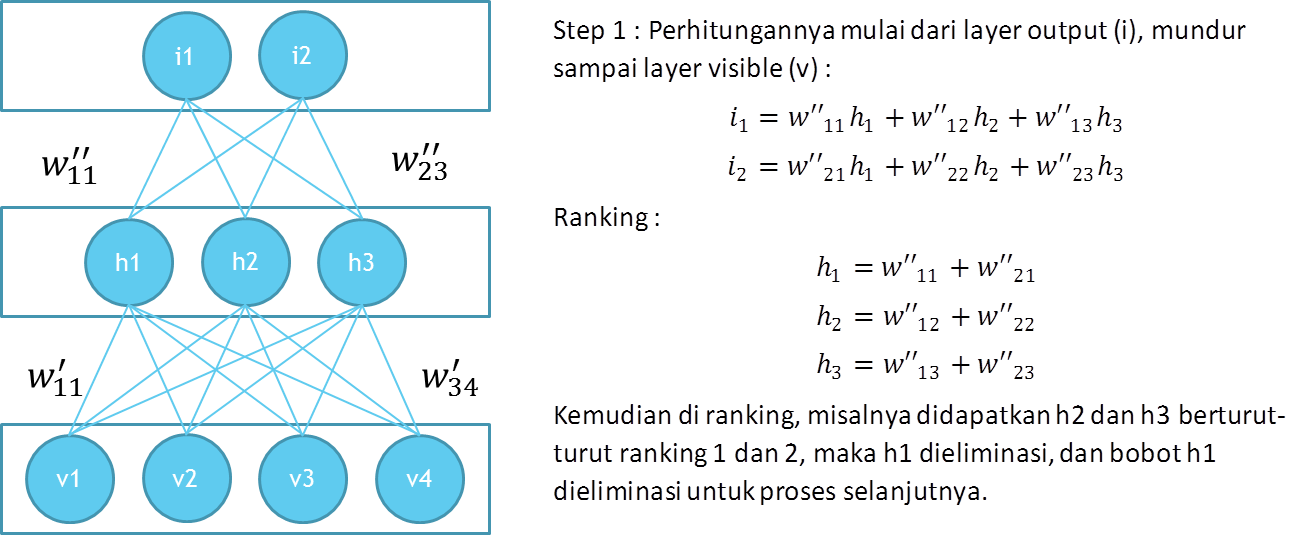


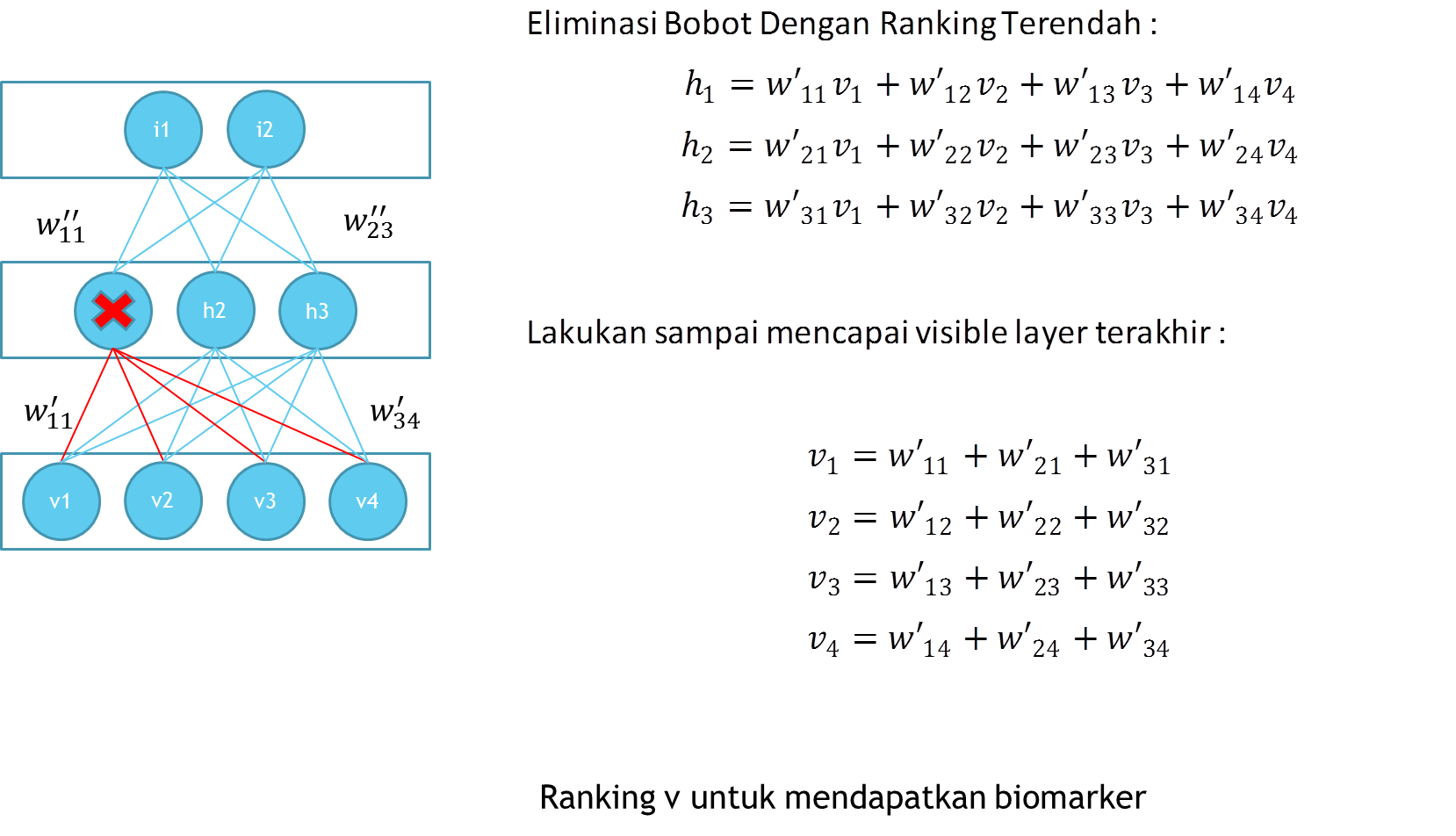




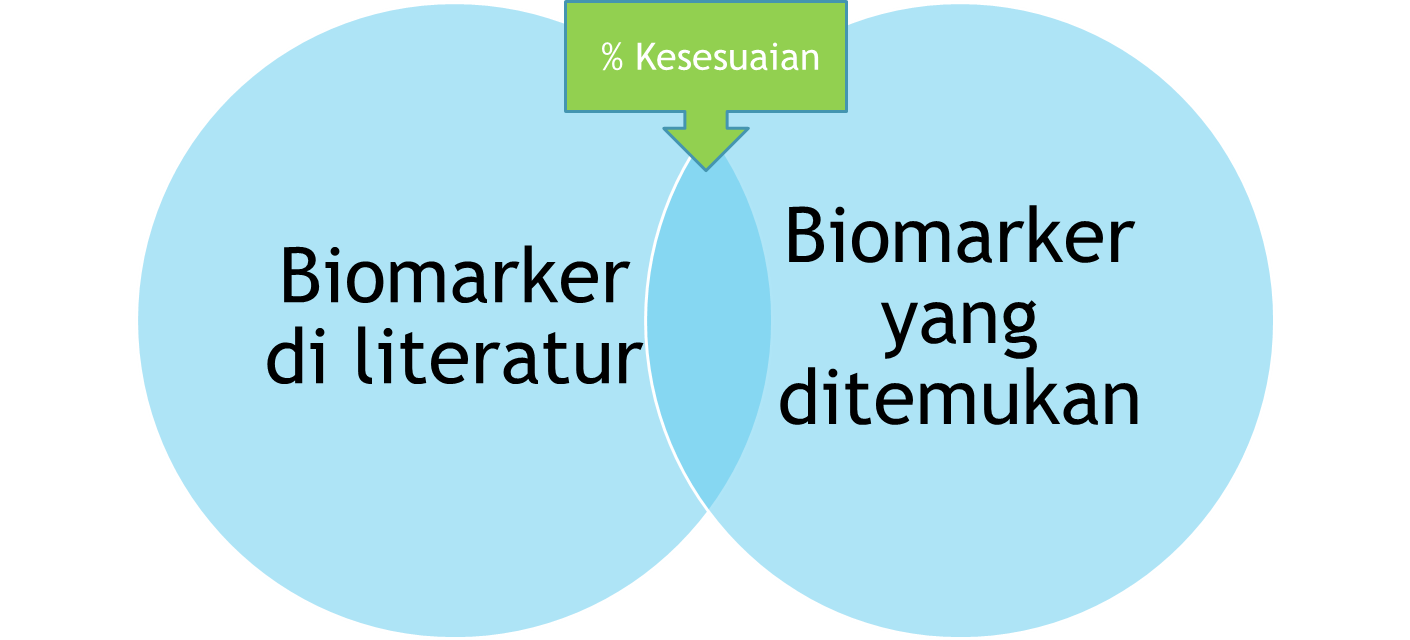








% Kesesuaian





Dataset Ekspresi Gen Kanker Paru-Paru GSE10072

Preprocessing

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Dataset Validasi

Dataset Testing

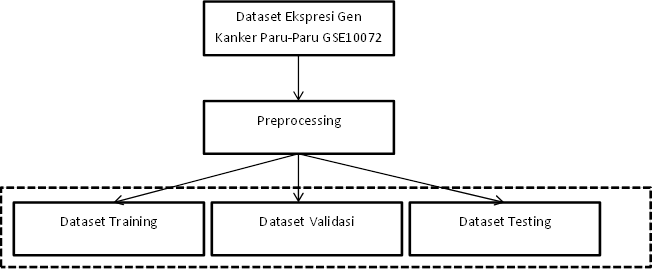
Dataset Ekspresi Gen Kanker Paru-Paru GSE10072

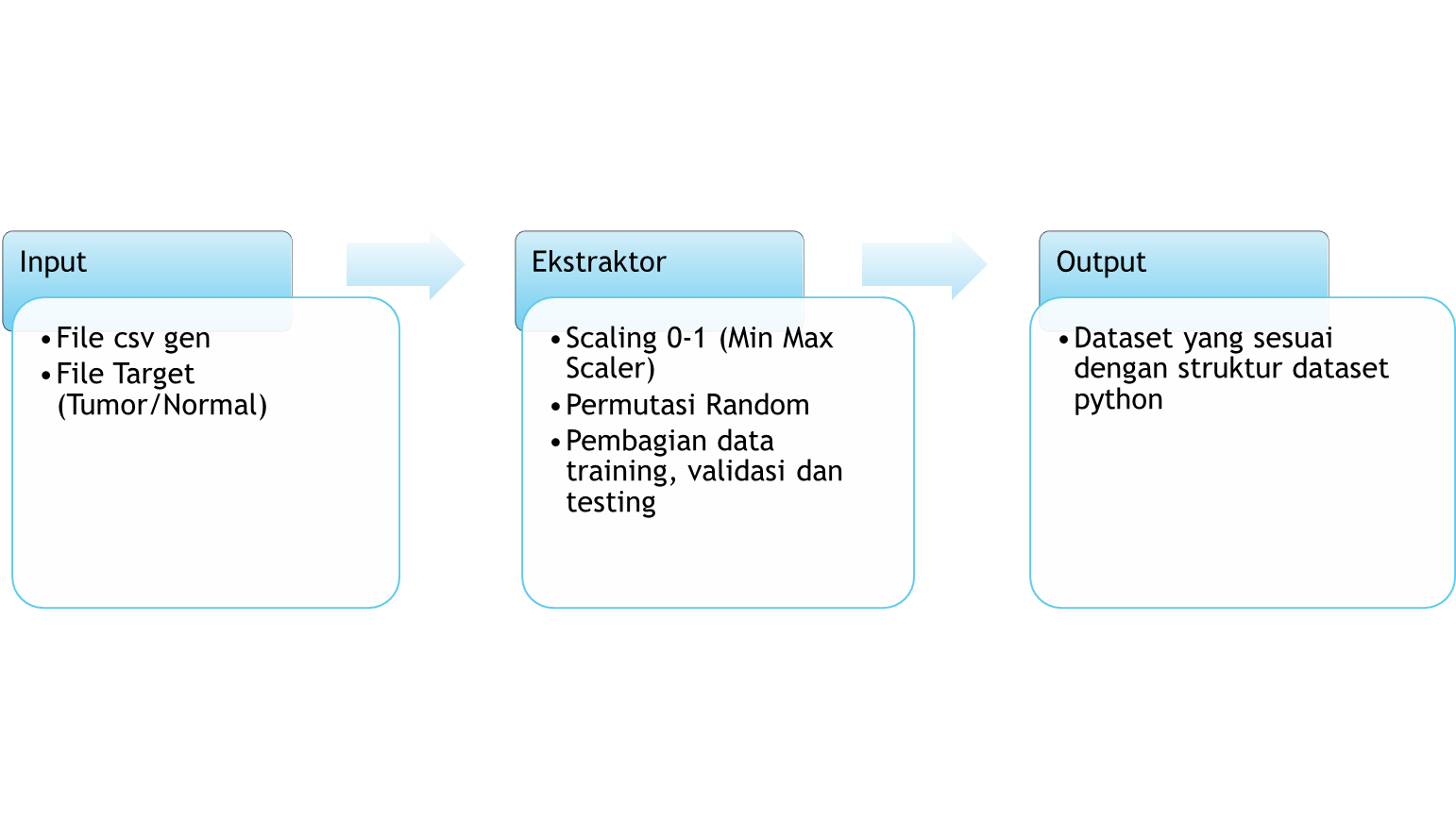
Preprocessing

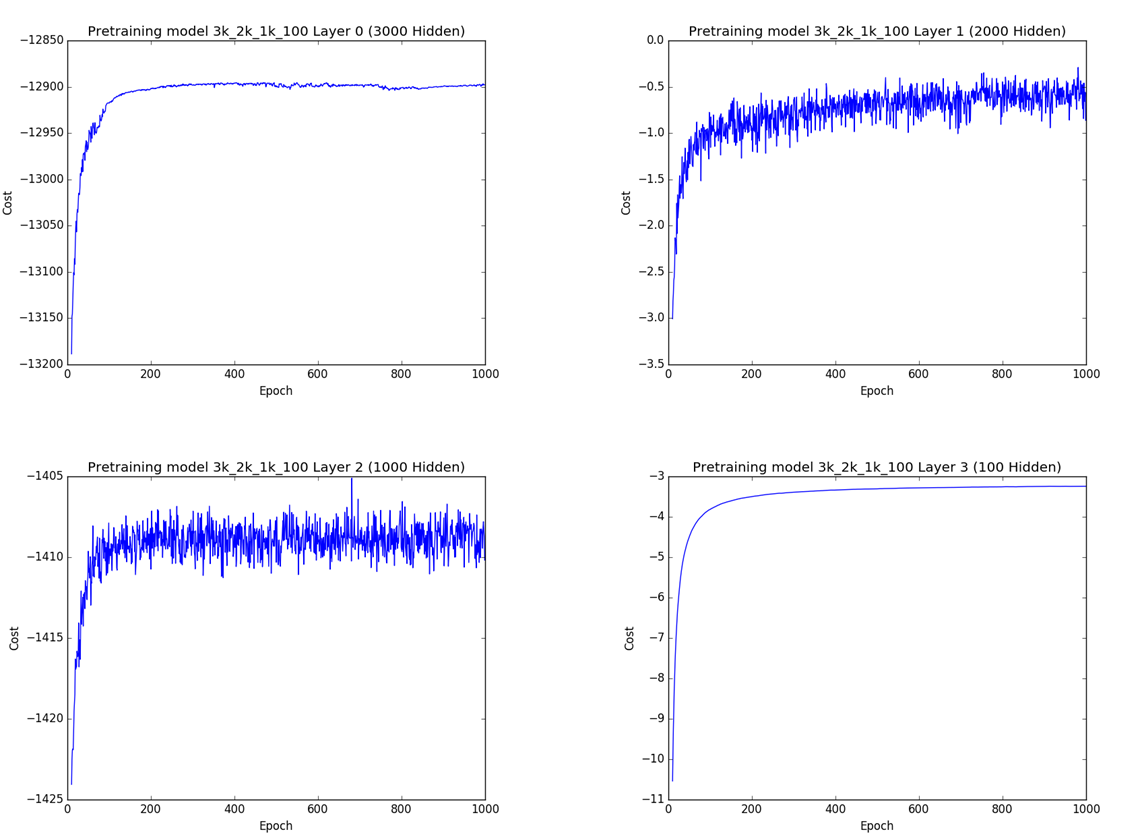
Dataset Training

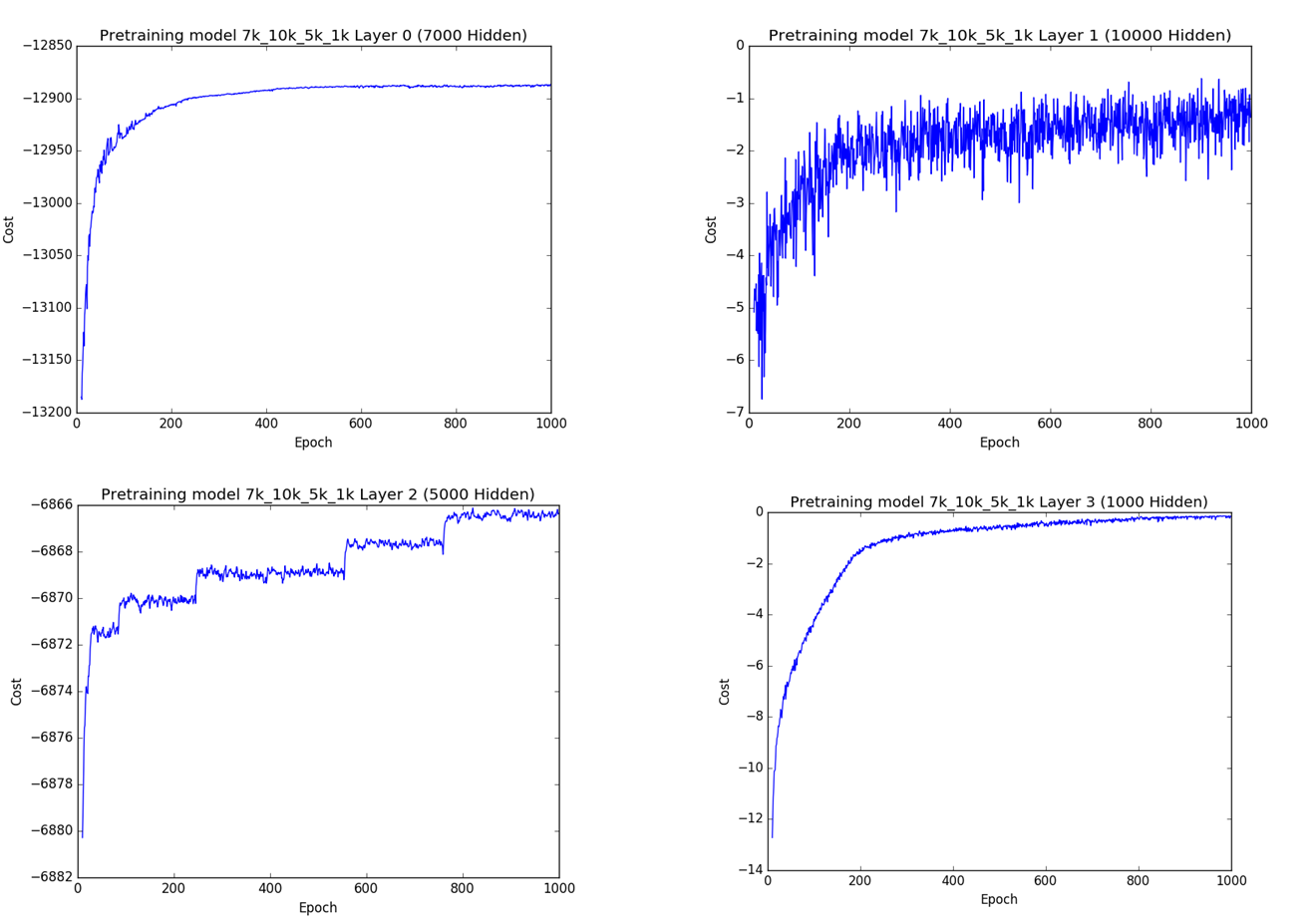
Dataset Validasi

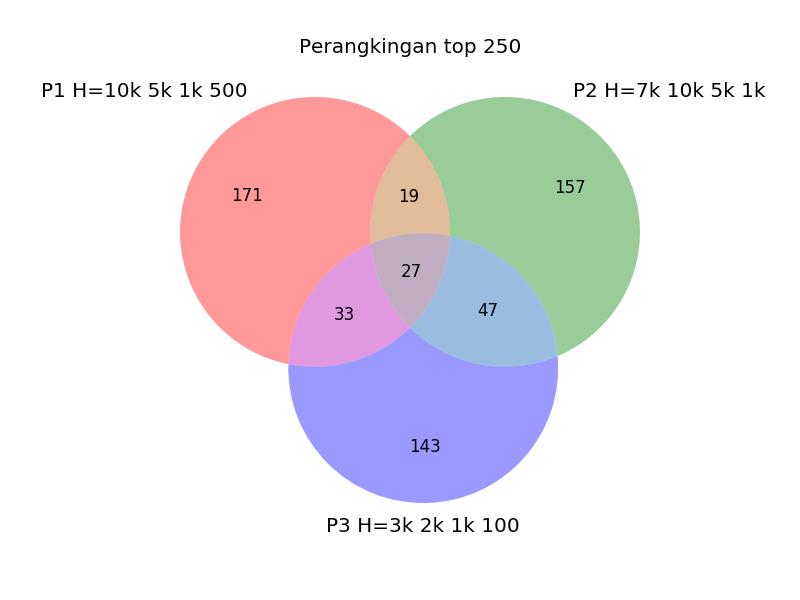
Dataset Testing

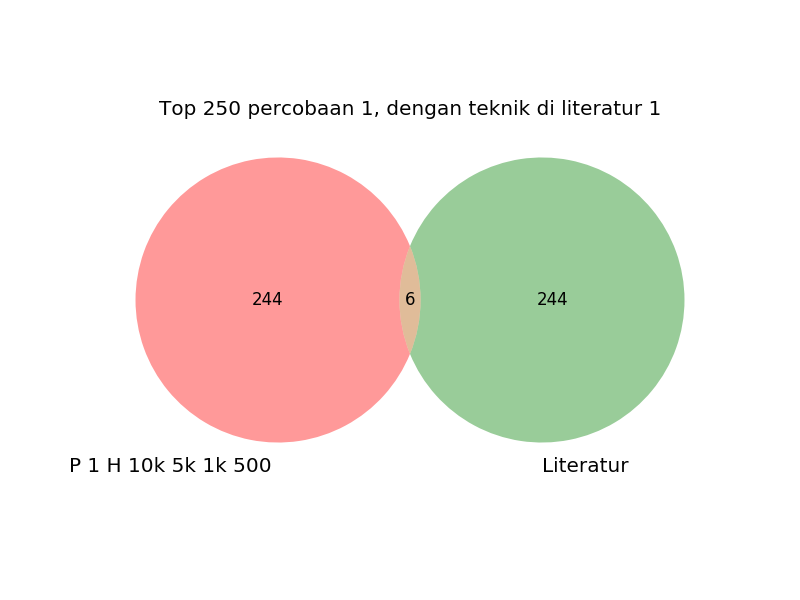


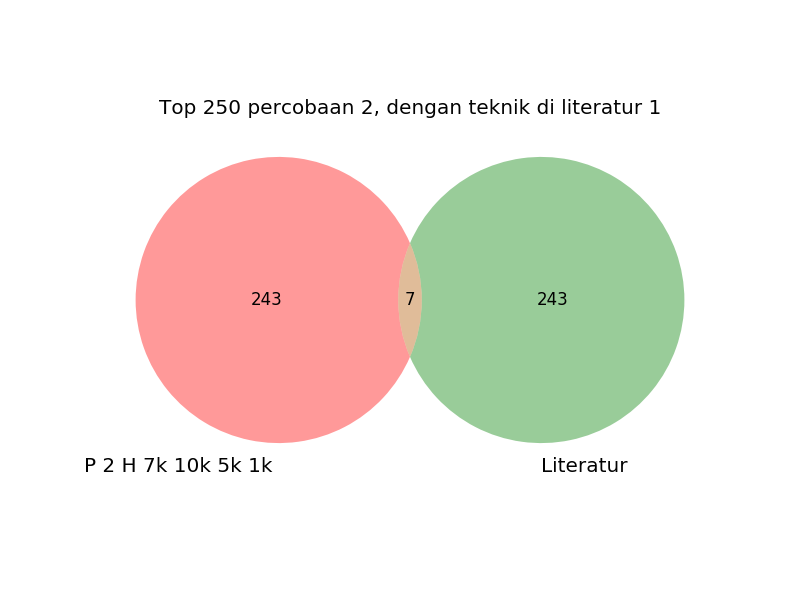


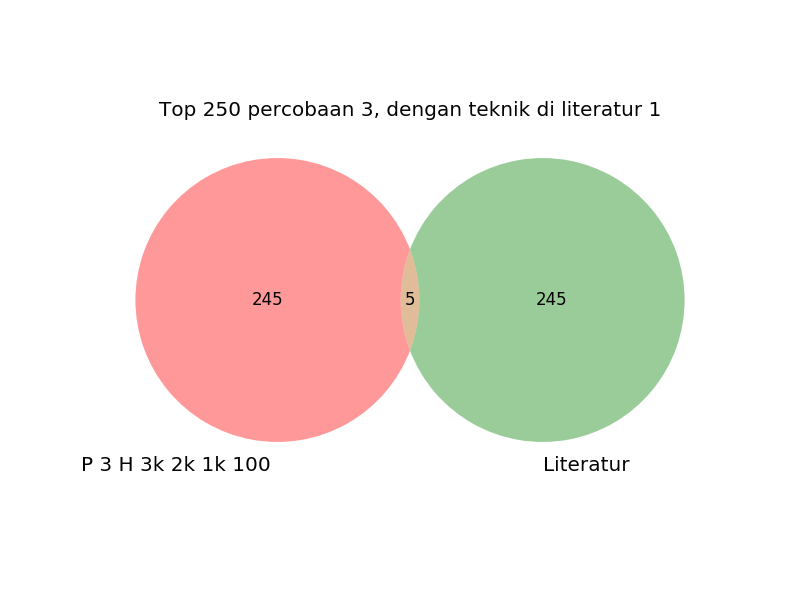


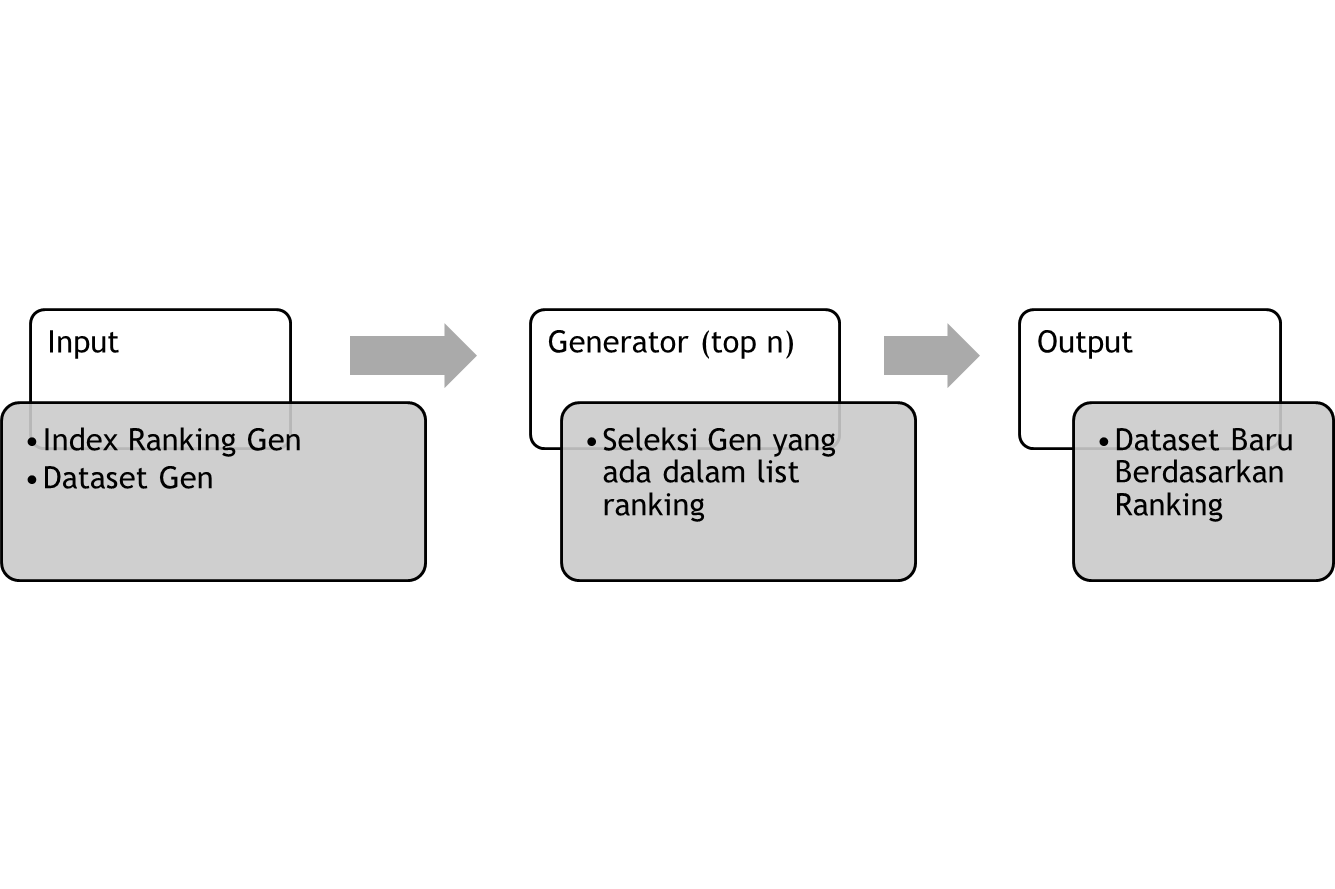


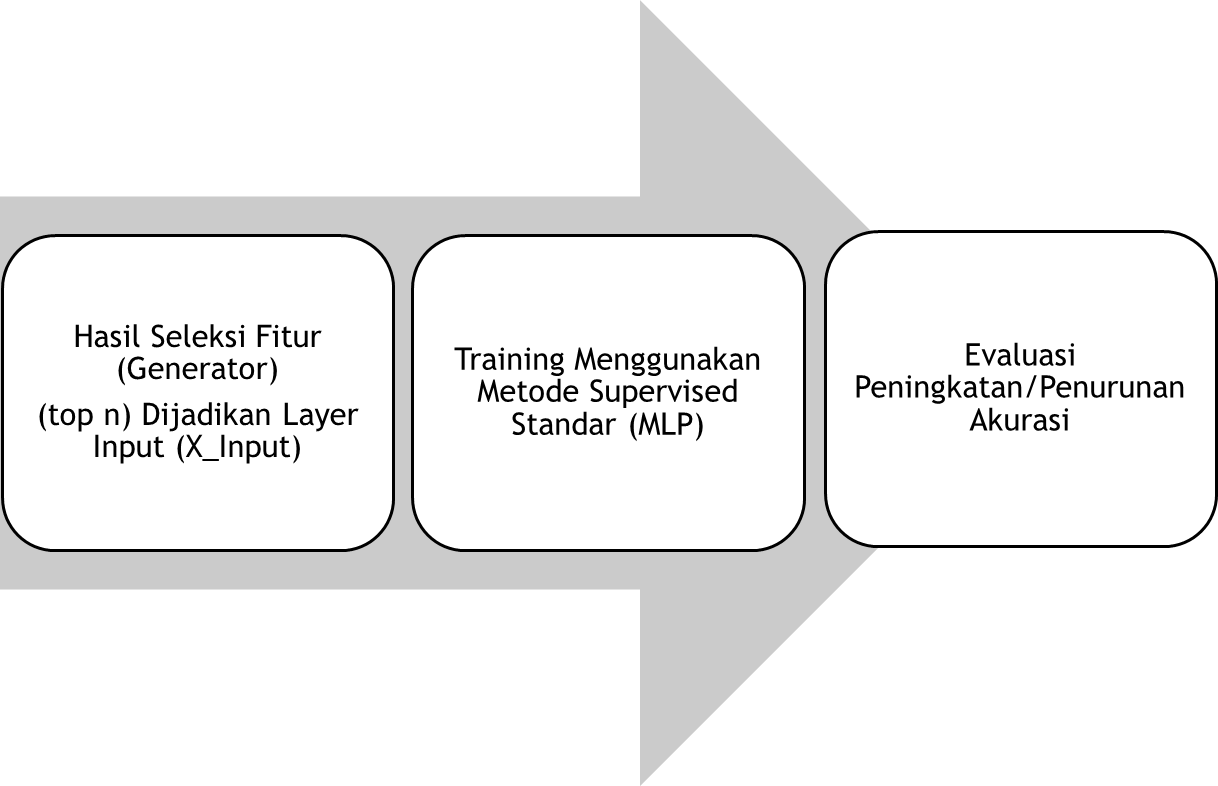


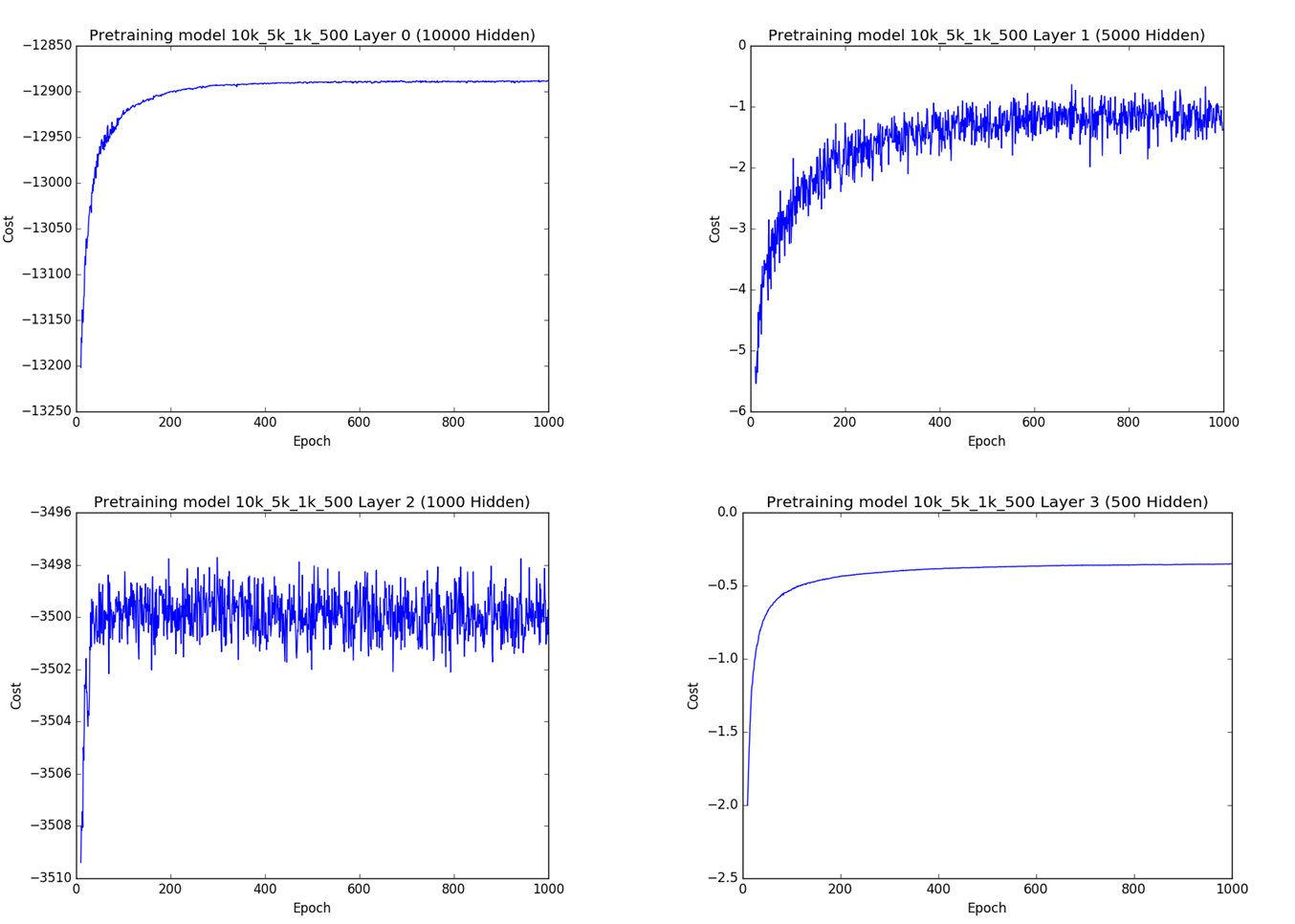












Dataset Ekspresi Gen Kanker Paru-Paru GSE10072

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Implementasikan Algoritma Multi-Step Ranking

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