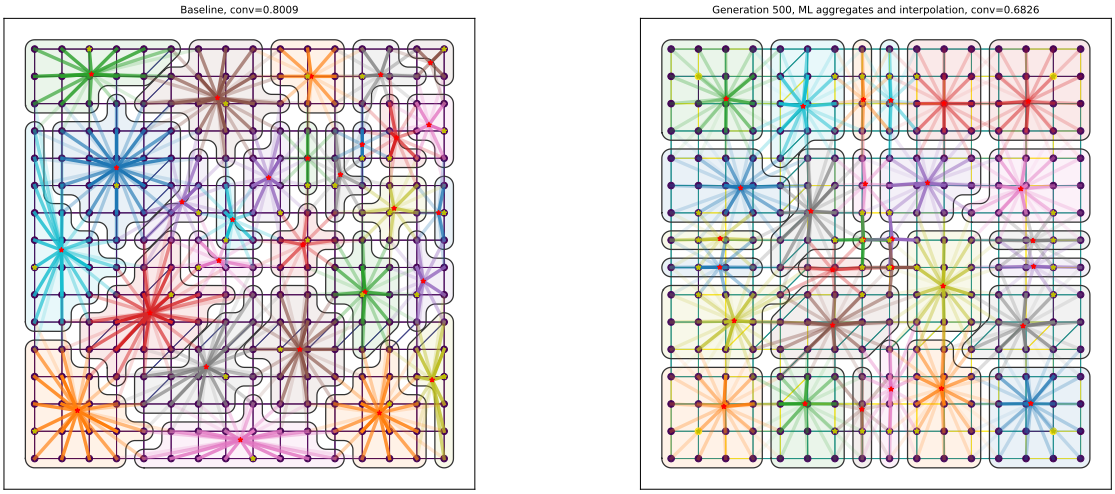


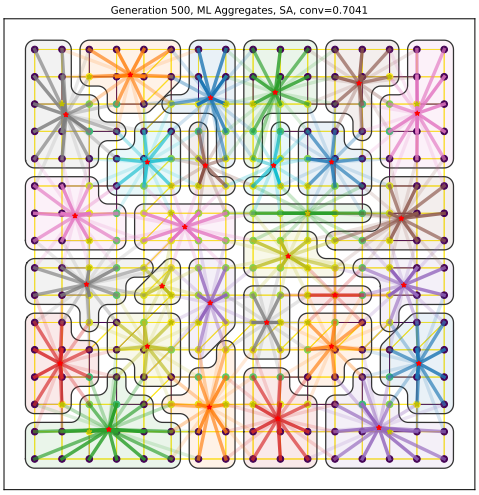
(a) Lloyd Aggregates

(b) ML aggregates and interpolation, both networks trained concurrently

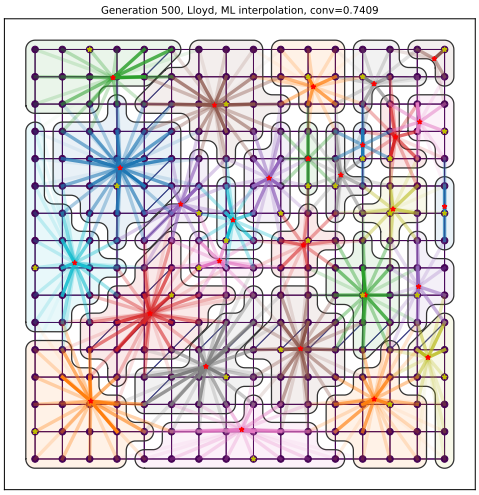
Figure 1: Aggregates for isotropic 2D Poisson, 16×16 grid.

Training Method	Full ML	Lloyd + ML Interpolation	ML Aggregates + SA
Concurrently	0.68260	0.79306	0.77864
Separately	0.67783	0.77547	0.72084

Table 1: Convergence factors when swapping out different parts of the method. The row for "concurrently" is when both networks are trained together to optimize convergence, while networks in "separately" are trained with either with Lloyd clustering or SA.



(a) ML aggregates with smoothed aggregation



(b) Lloyd aggregates with ML interpolation

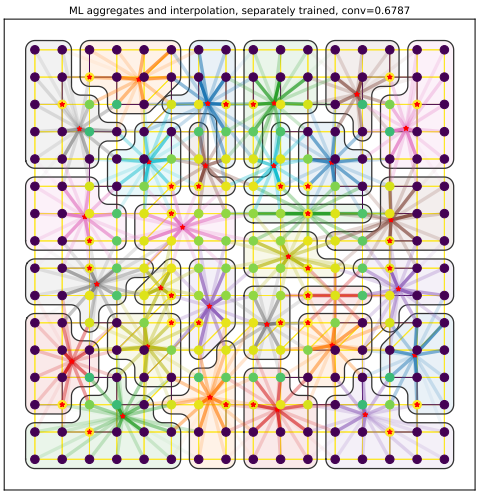


Figure 2: Aggregates for isotropic 2D Poisson, 16×16 grid, individual aggregation and interpolation networks separately trained then combined.