

Figure 1: The limitation of the expectation and standard deviation of alignment with respect to m

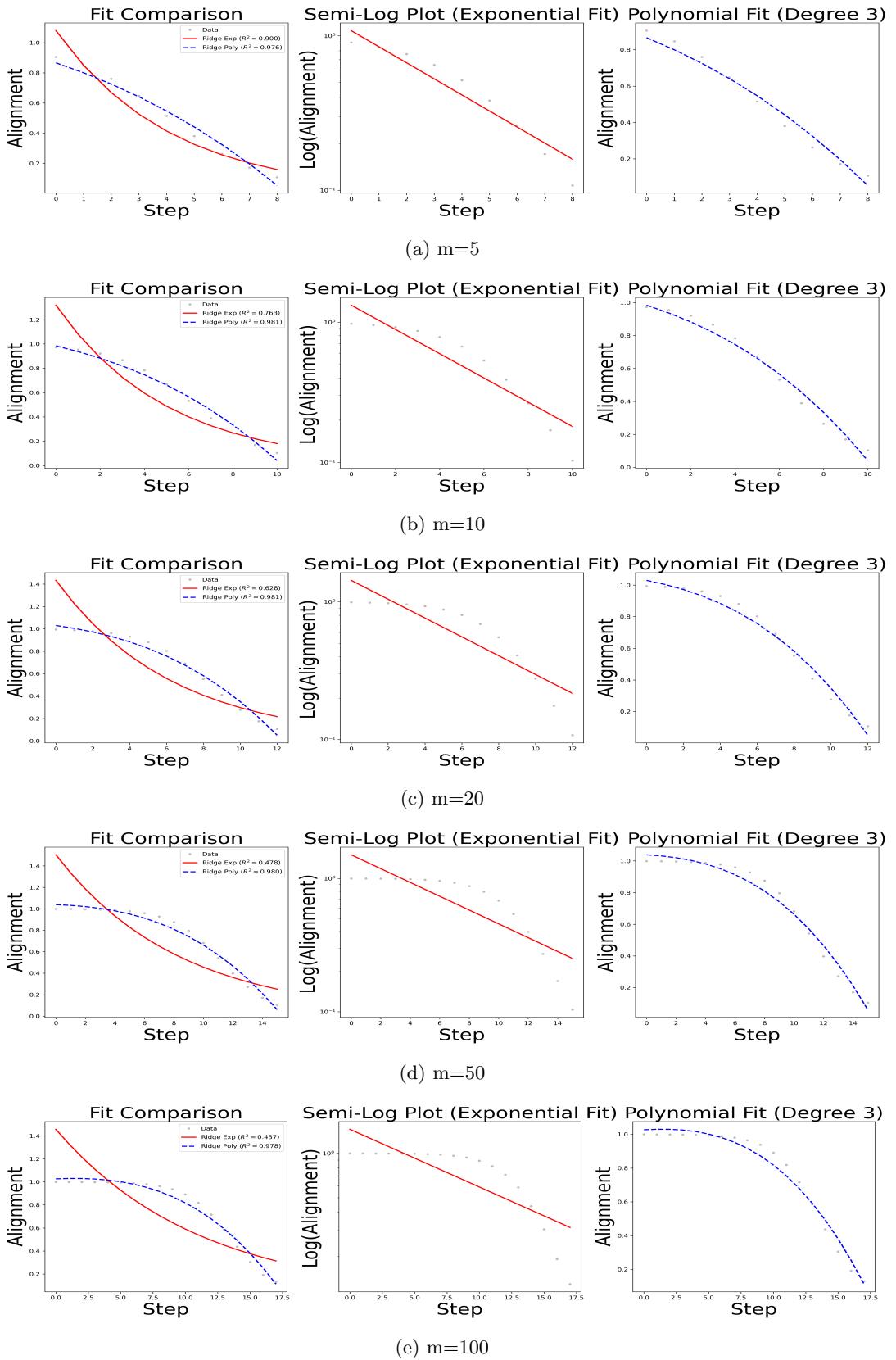


Figure 2: The decry rate of phase I when seed=42 (Part 1)

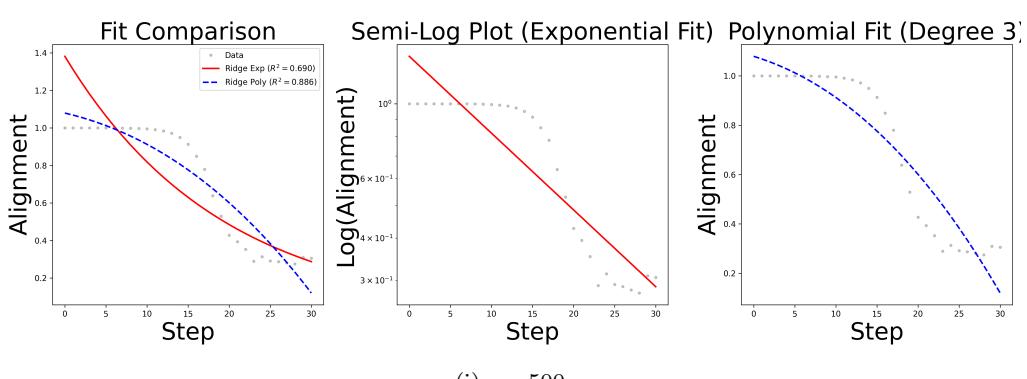
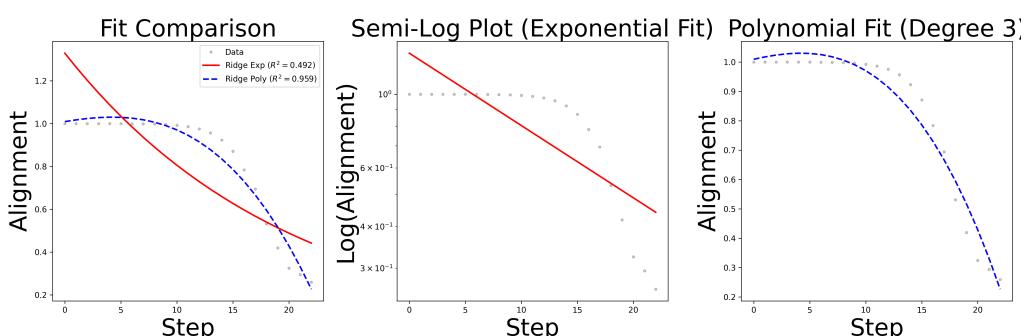
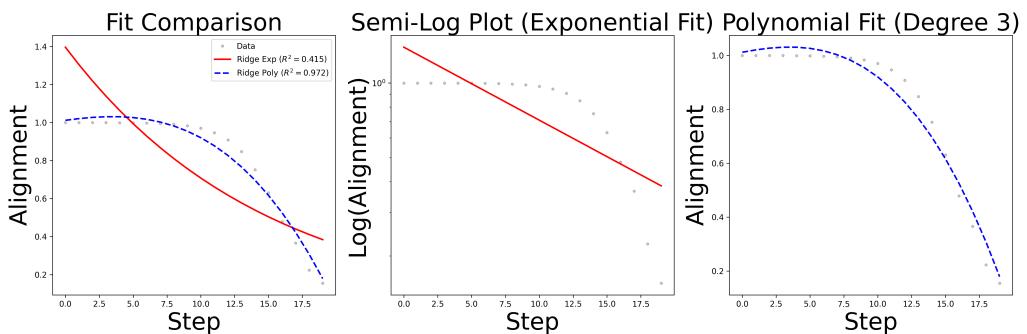
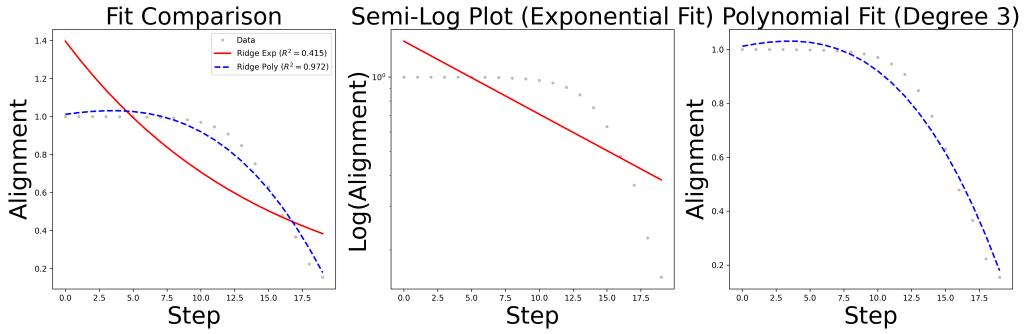


Figure 2: The decry rate of phase I when seed=42 (Part 2)

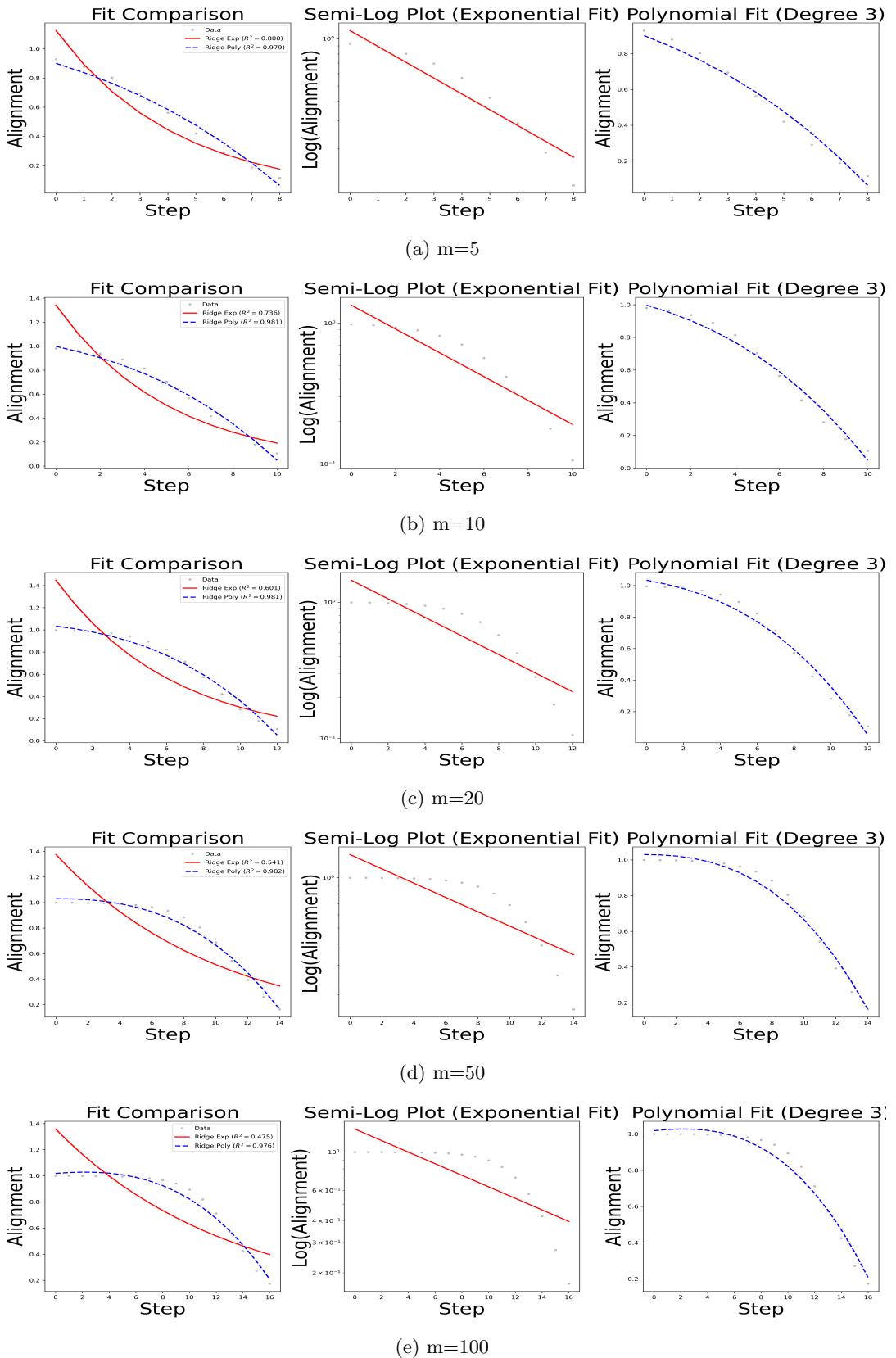
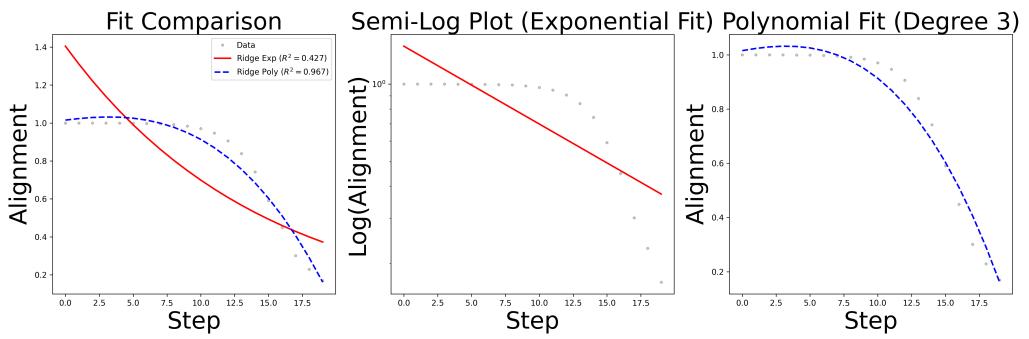
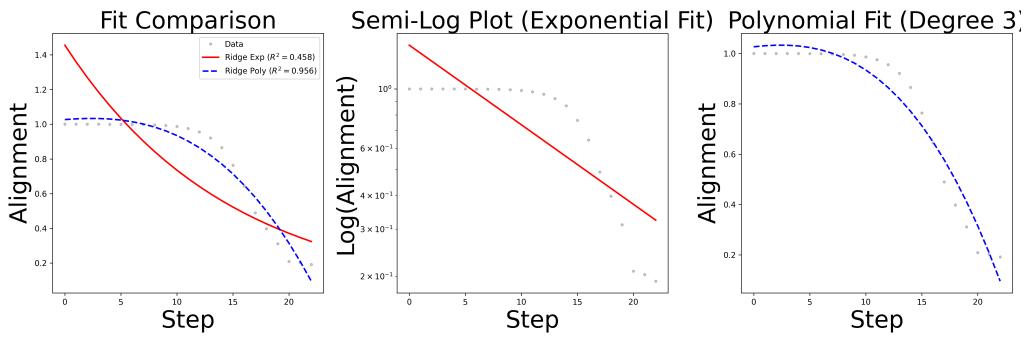


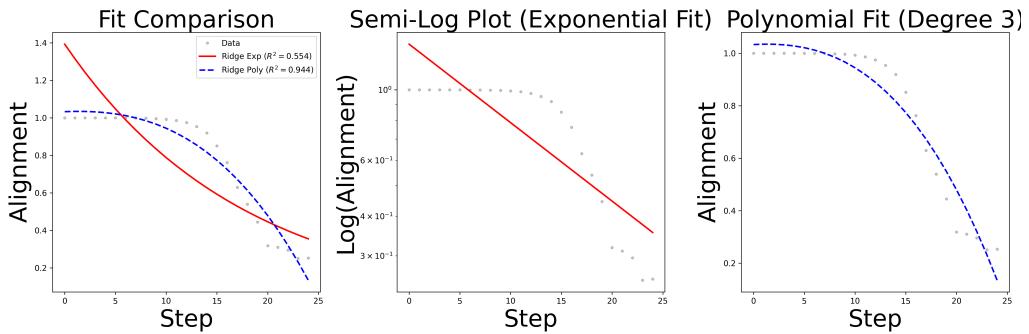
Figure 3: The decry rate of phase I when seed=87 (Part 1)



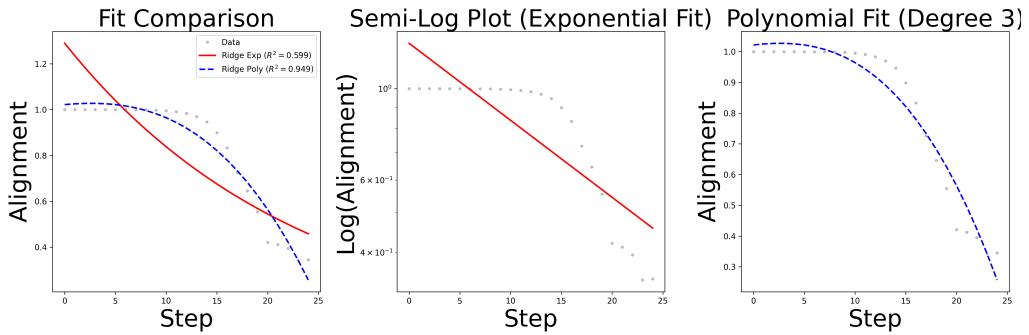
(f)  $m=200$



(g)  $m=300$



(h)  $m=400$



(i)  $m=500$

Figure 3: The decry rate of phase I when seed=87 (Part 2)

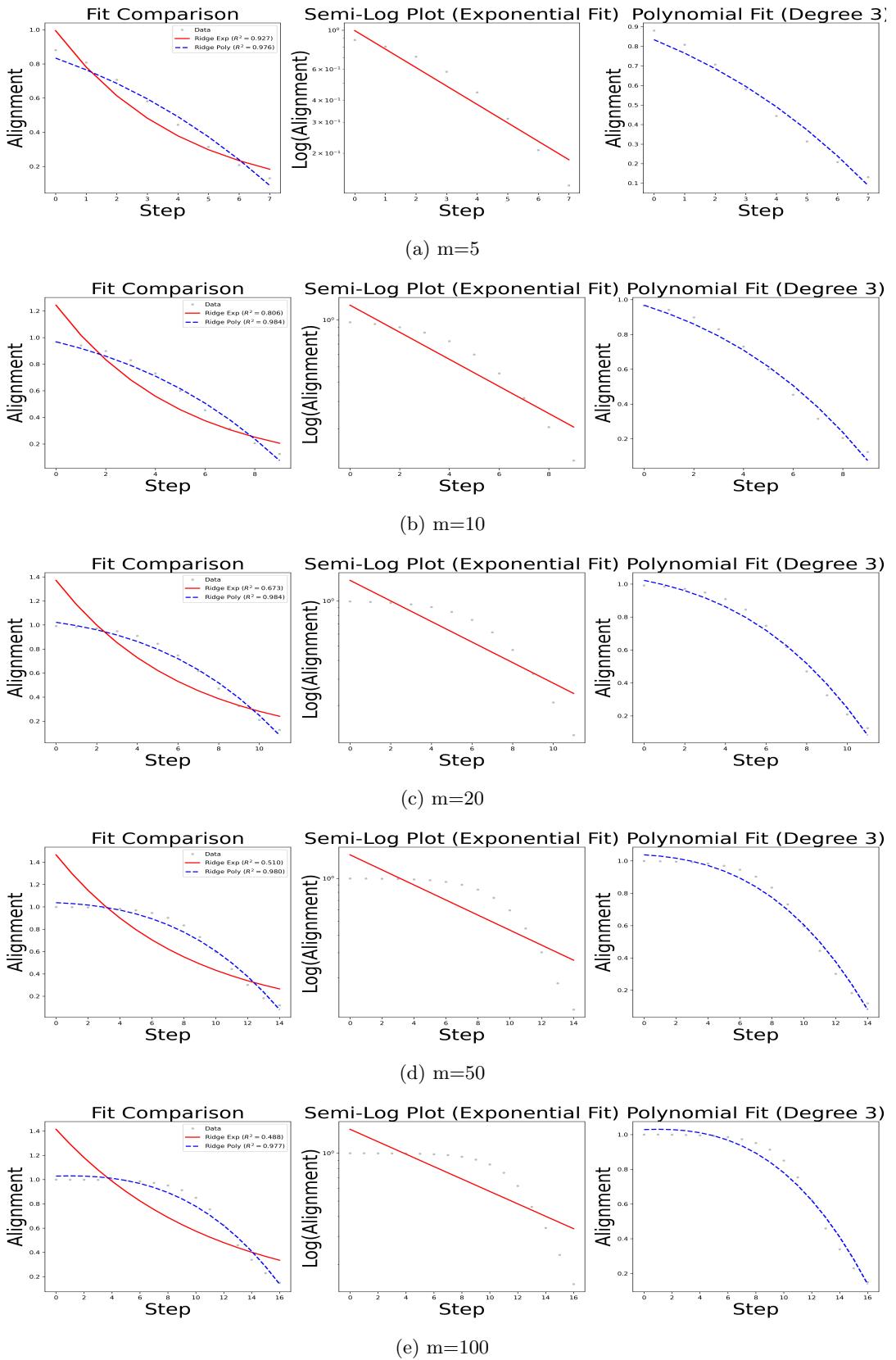
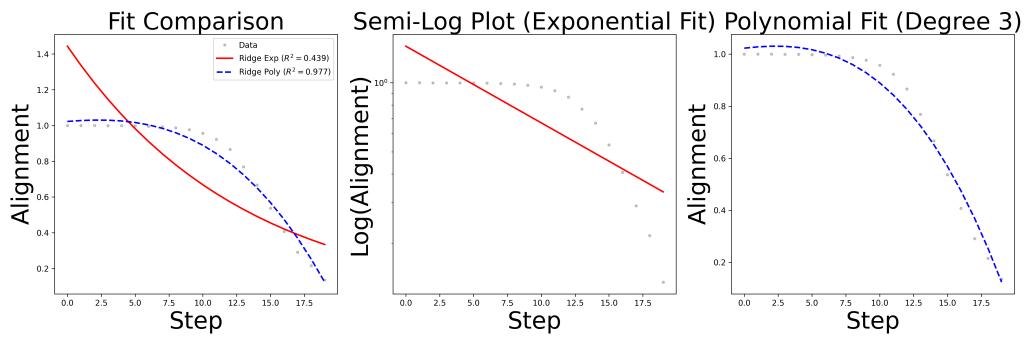
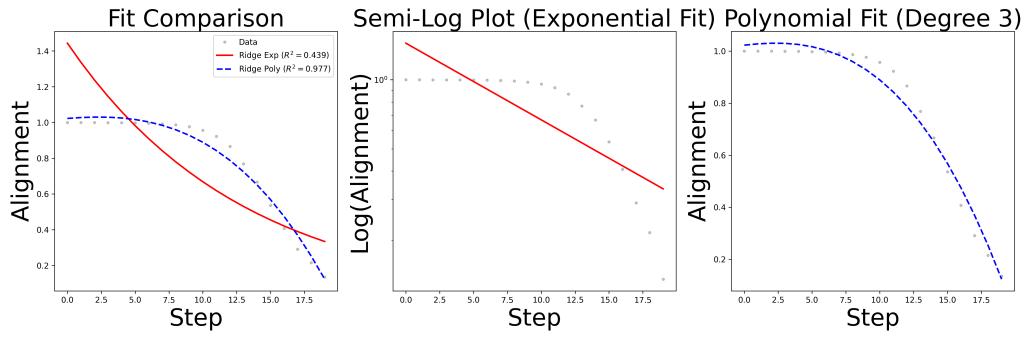


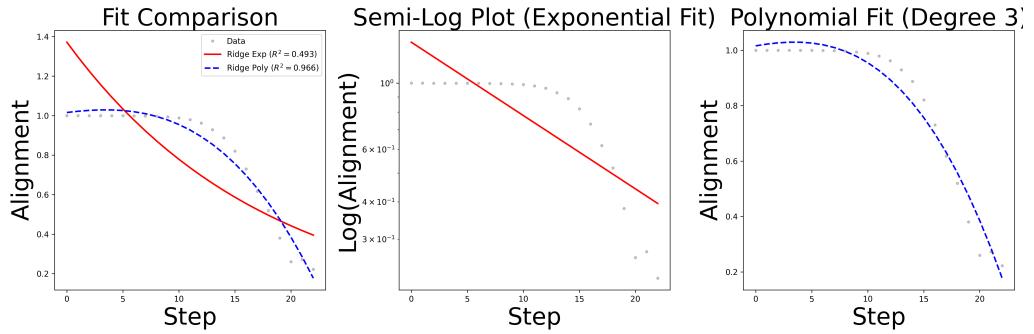
Figure 4: The decry rate of phase I when seed=568 (Part 1)



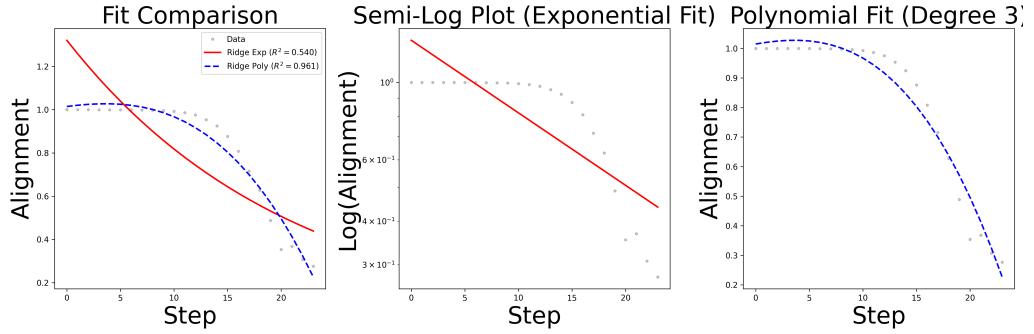
(f)  $m=200$



(g)  $m=300$



(h)  $m=400$



(i)  $m=500$

Figure 4: The decry rate of phase I when seed=568 (Part 2)

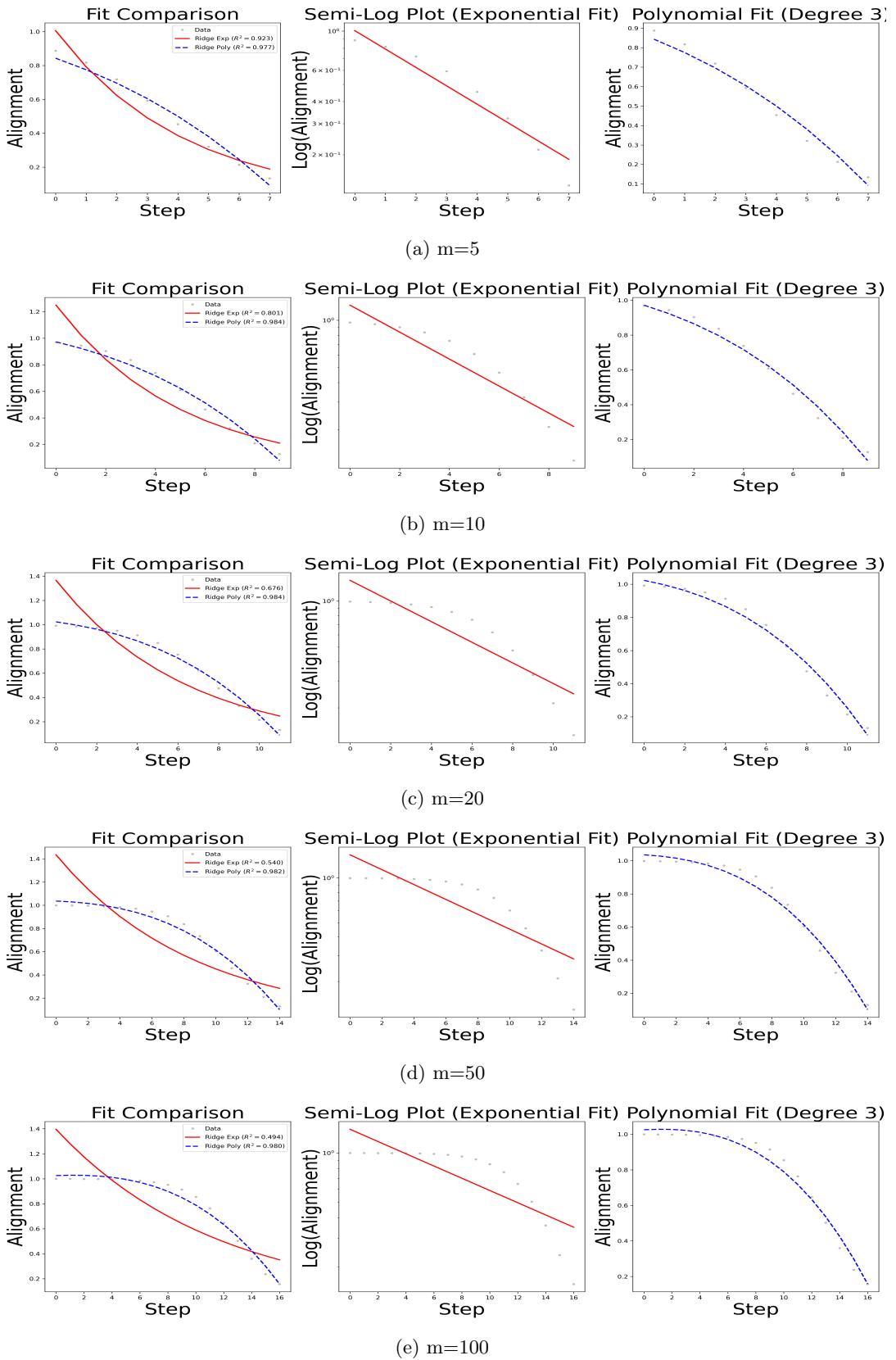
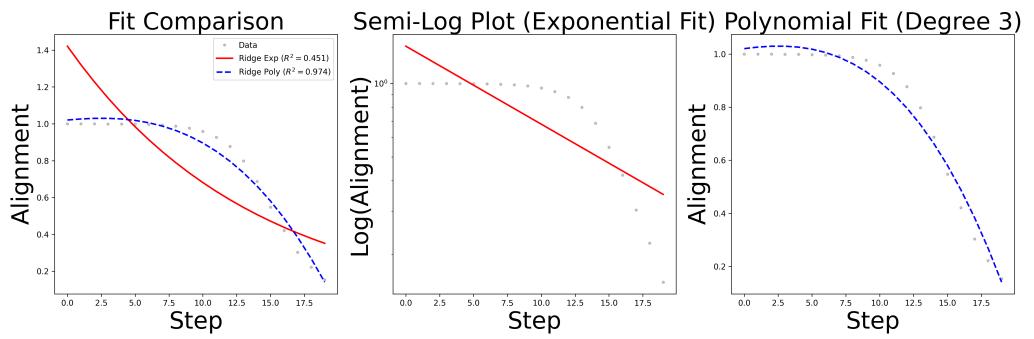
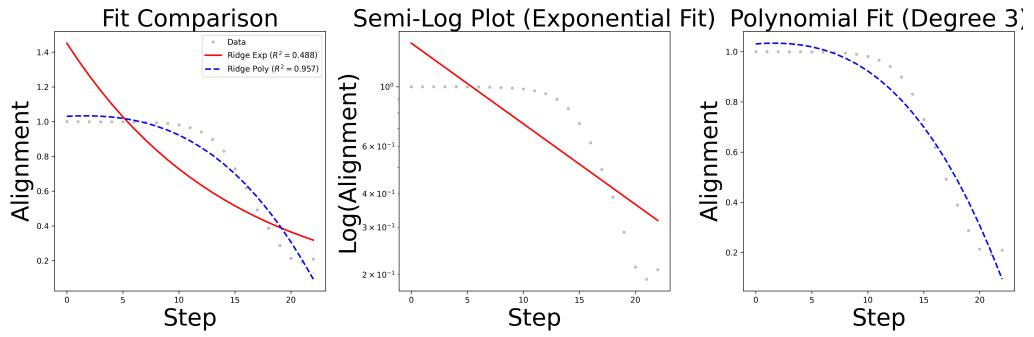


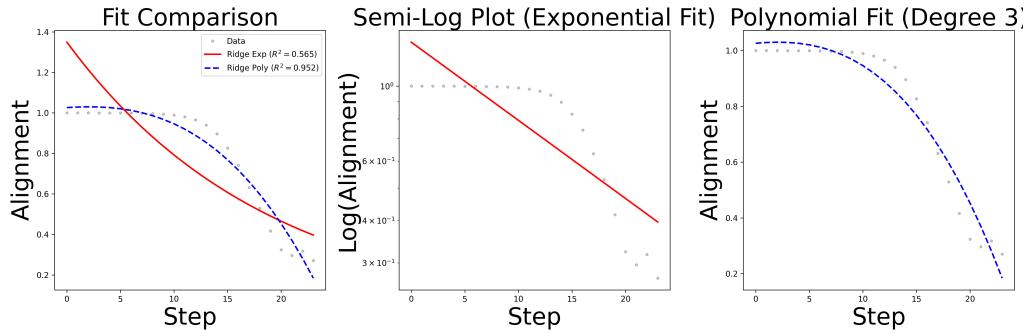
Figure 5: The decry rate of phase I when seed=1101 (Part 1)



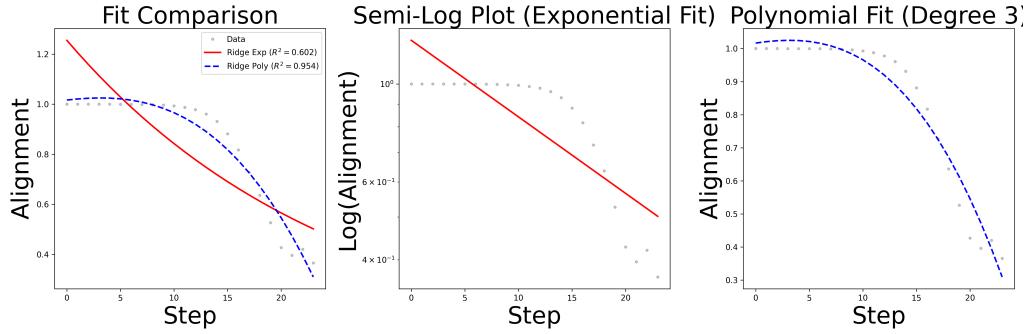
(f)  $m=200$



(g)  $m=300$



(h)  $m=400$



(i)  $m=500$

Figure 5: The decry rate of phase I when seed=1101 (Part 2)

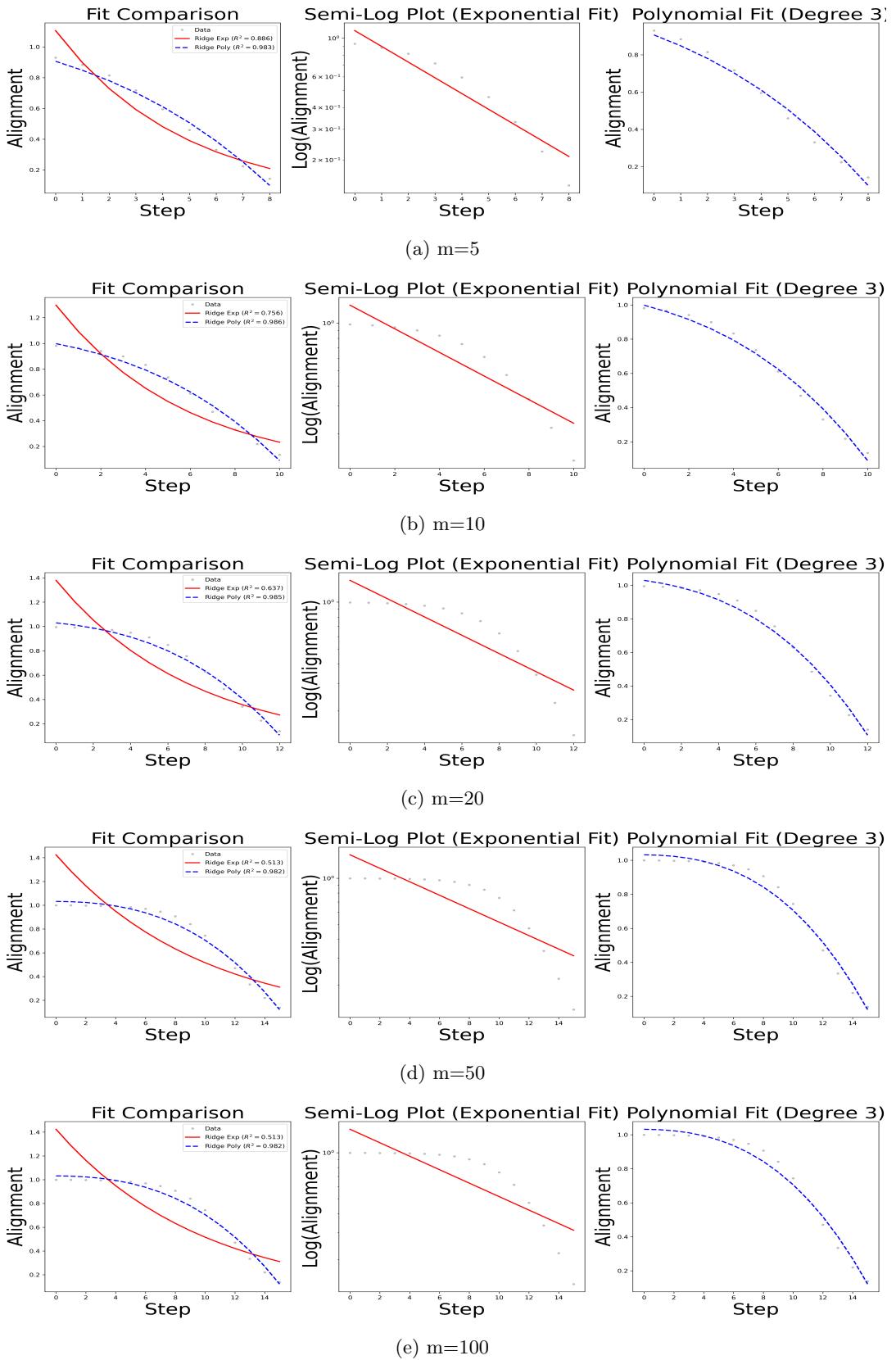


Figure 6: The decry rate of phase I when seed=12138 (Part 1)

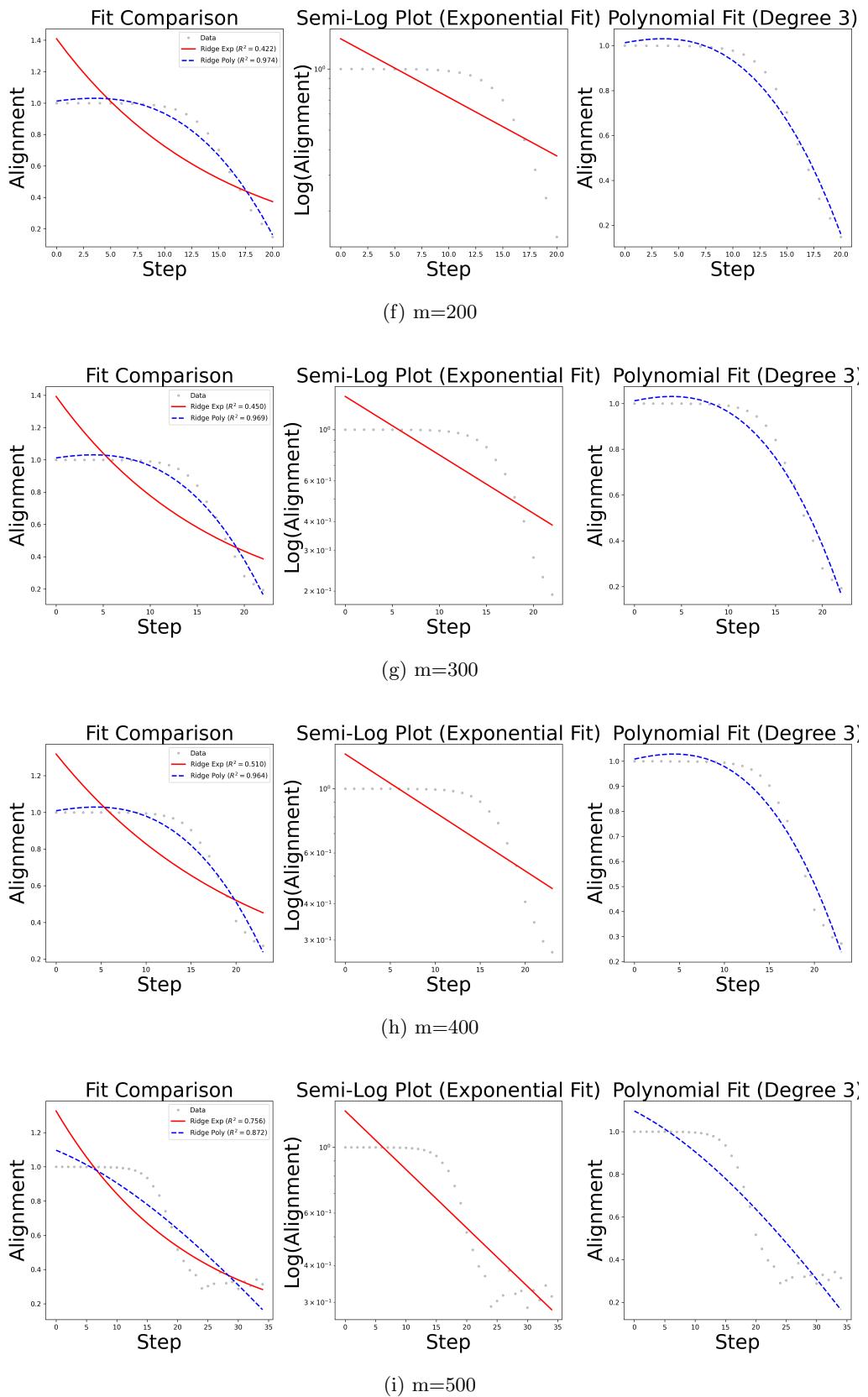


Figure 6: The decry rate of phase I when seed=12138 (Part 2)

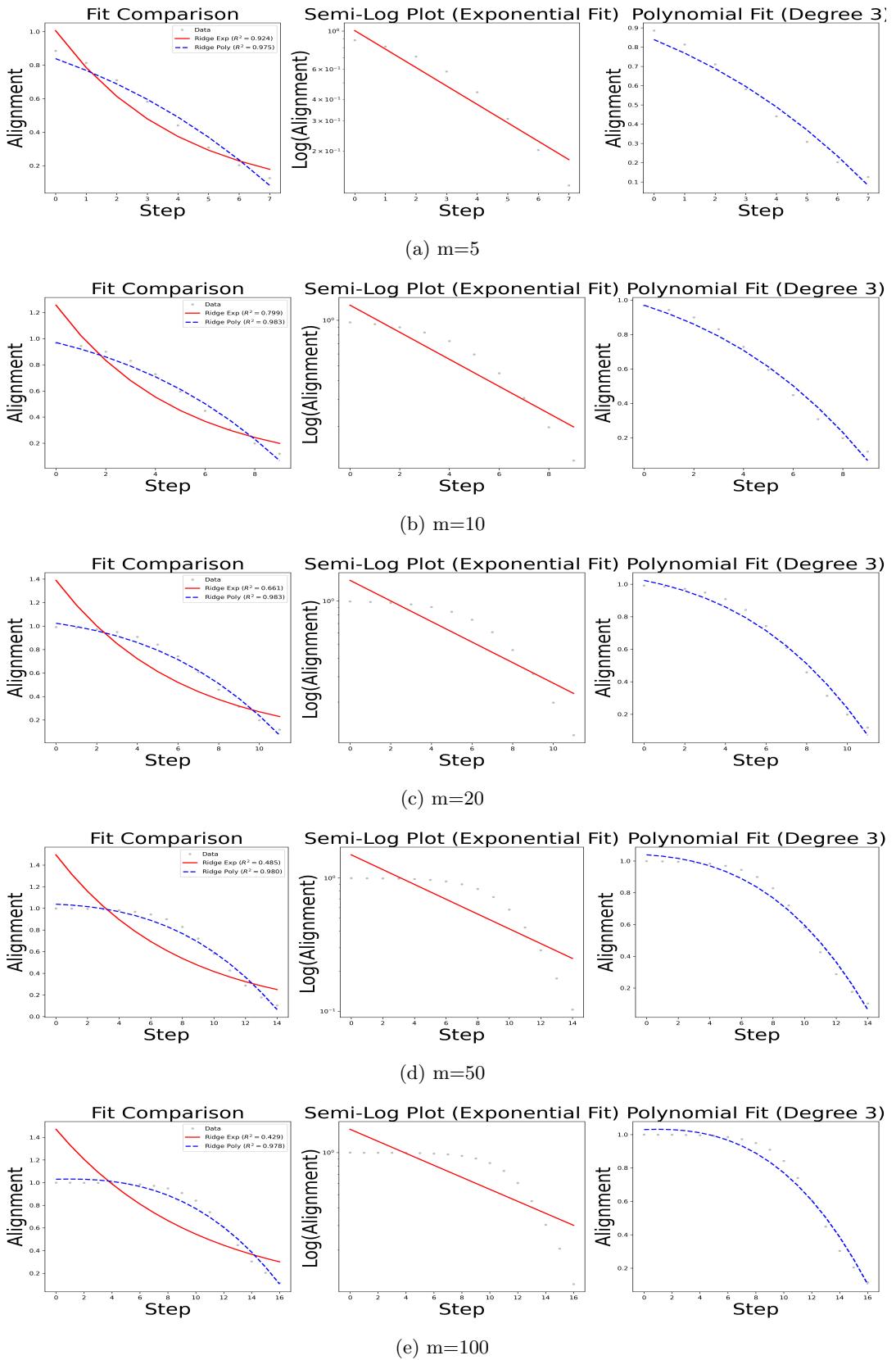
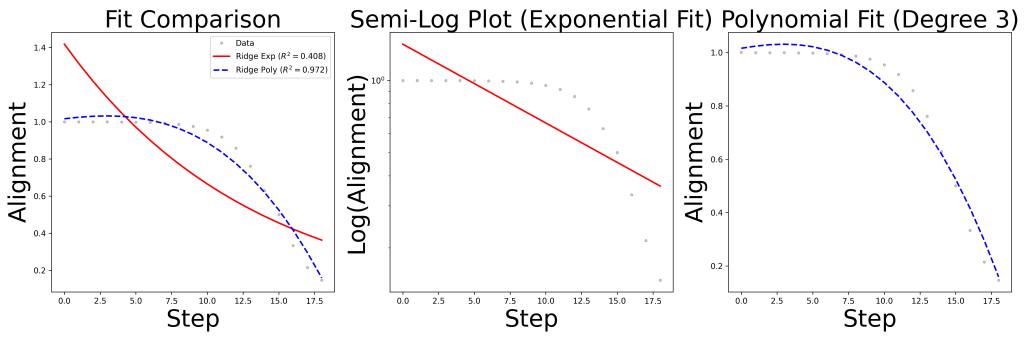
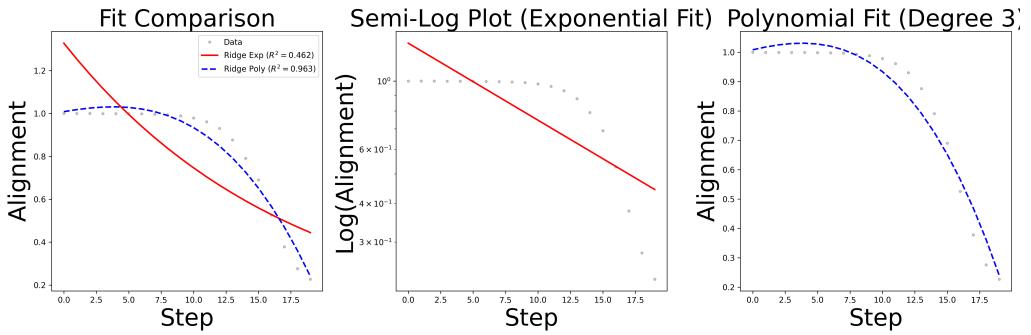


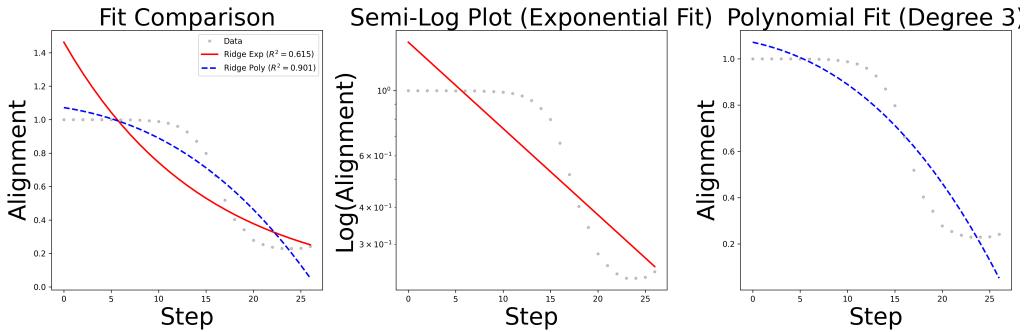
Figure 7: The decry rate of phase I when seed=70425 (Part 1)



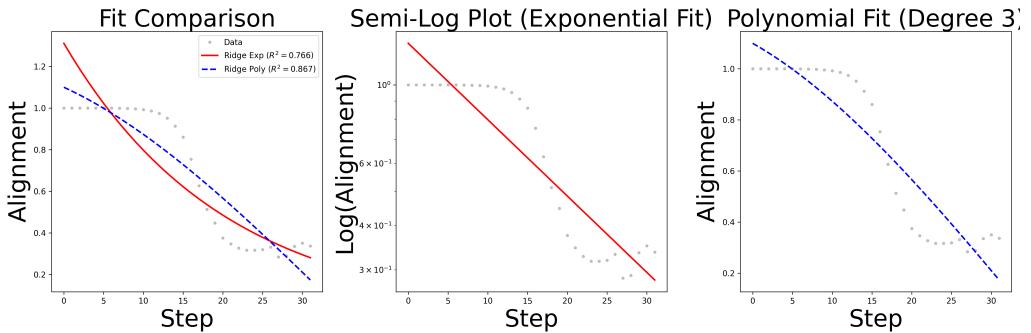
(f)  $m=200$



(g)  $m=300$



(h)  $m=400$



(i)  $m=500$

Figure 7: The decry rate of phase I when seed=70425 (Part 2)

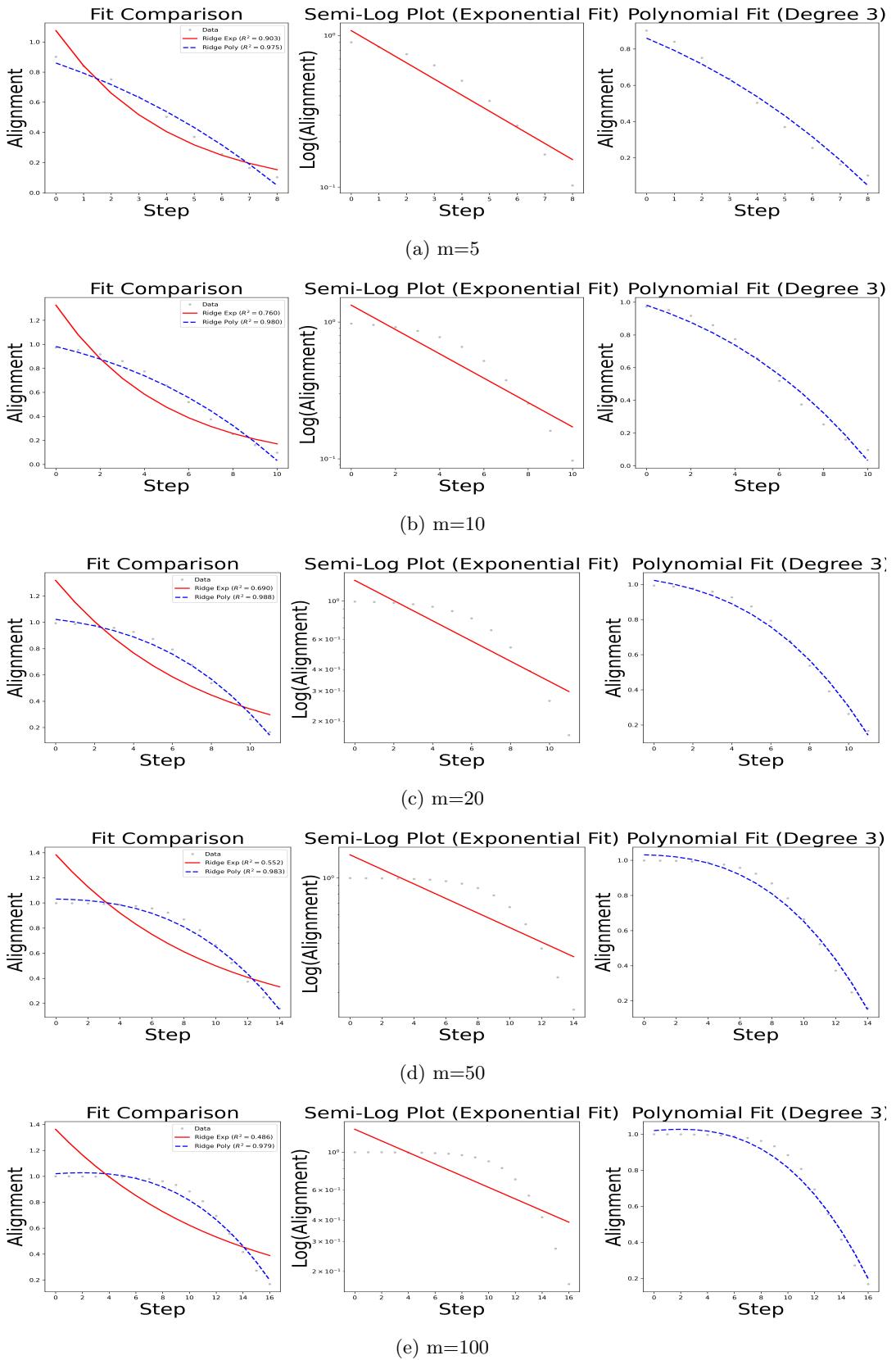


Figure 8: The decry rate of phase I when seed=4008001 (Part 1)

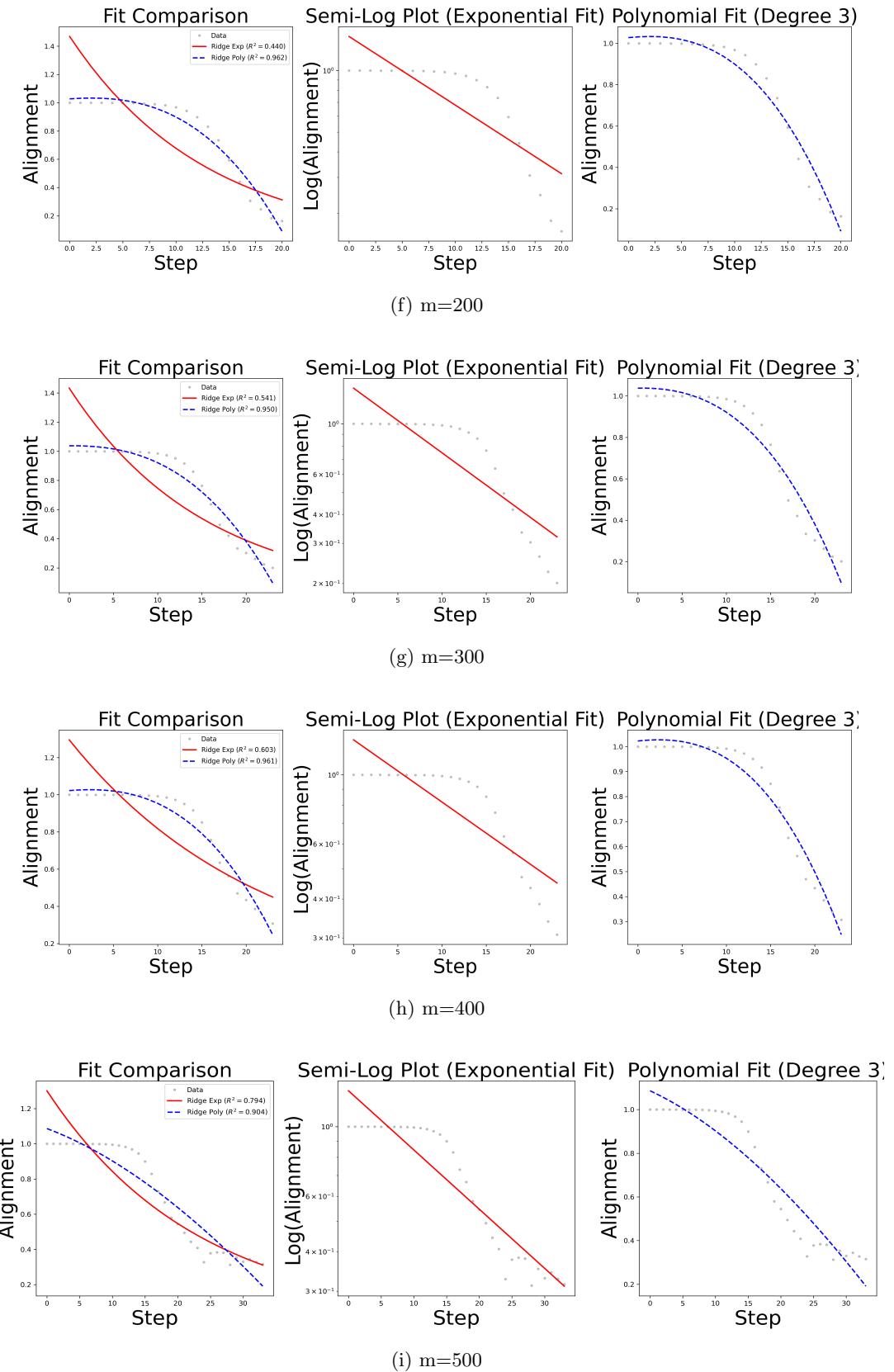


Figure 8: The decry rate of phase I when seed=4008001 (Part 2)

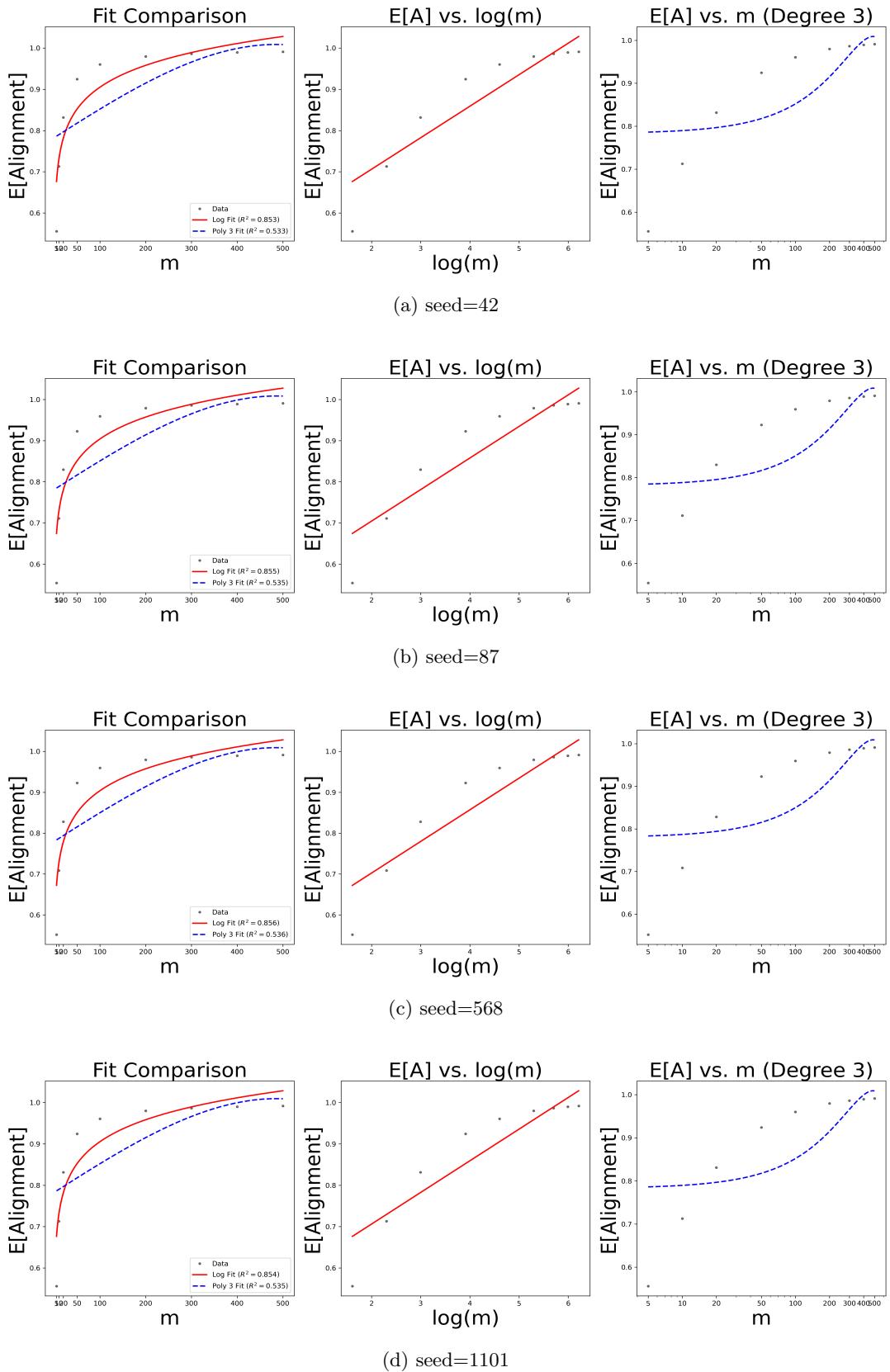
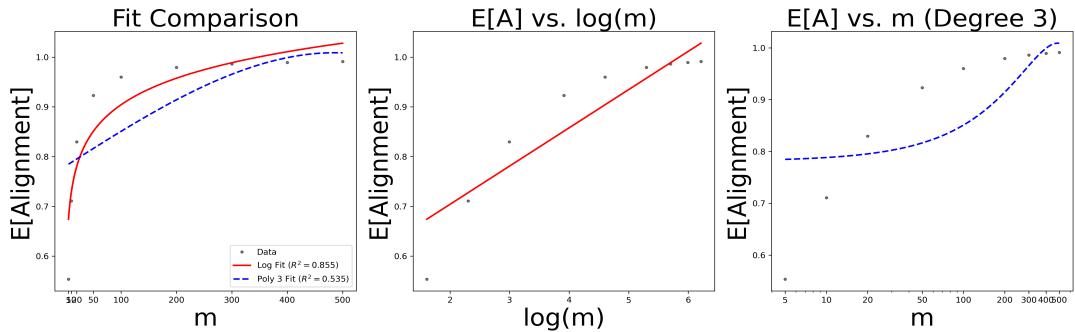
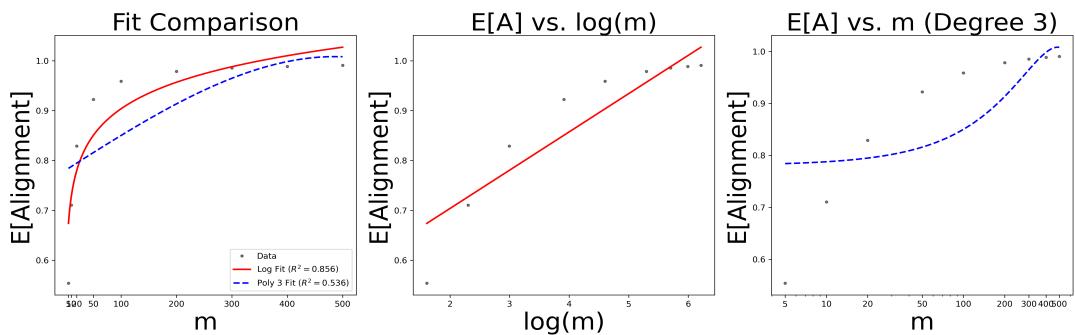


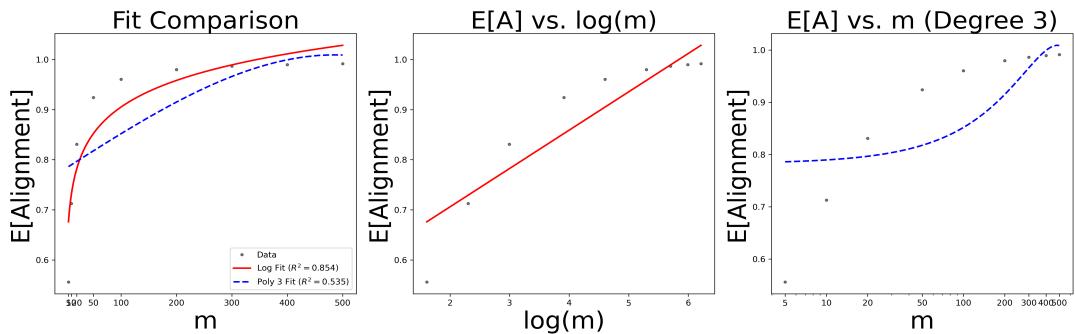
Figure 9: The rate of the expected alignment convergence with respect to  $m$  (Part 1)



(e) seed=12138



(f) seed=70425



(g) seed=4008001

Figure 9: The rate of the expected alignment convergence with respect to  $m$  (Part 2)