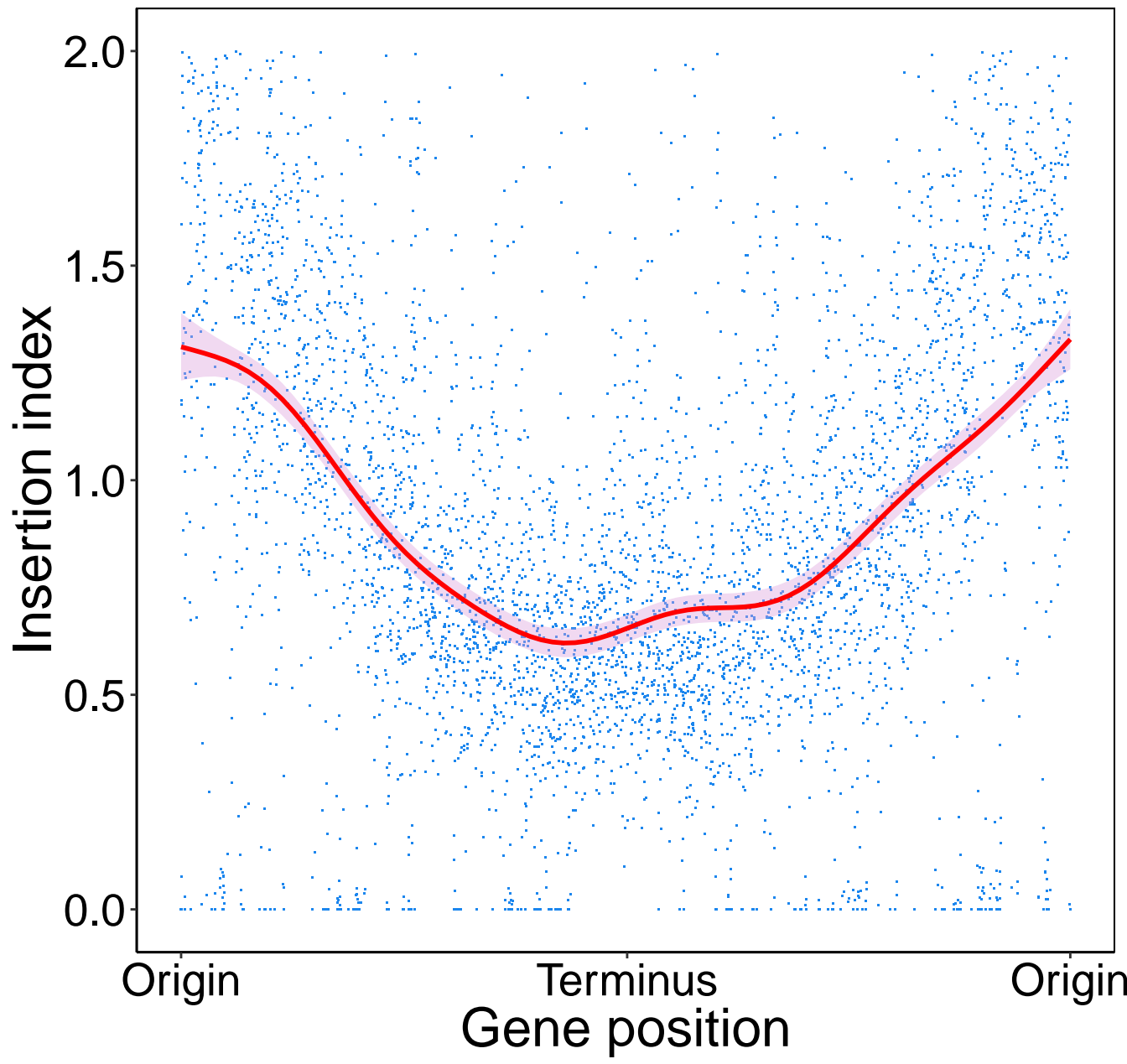
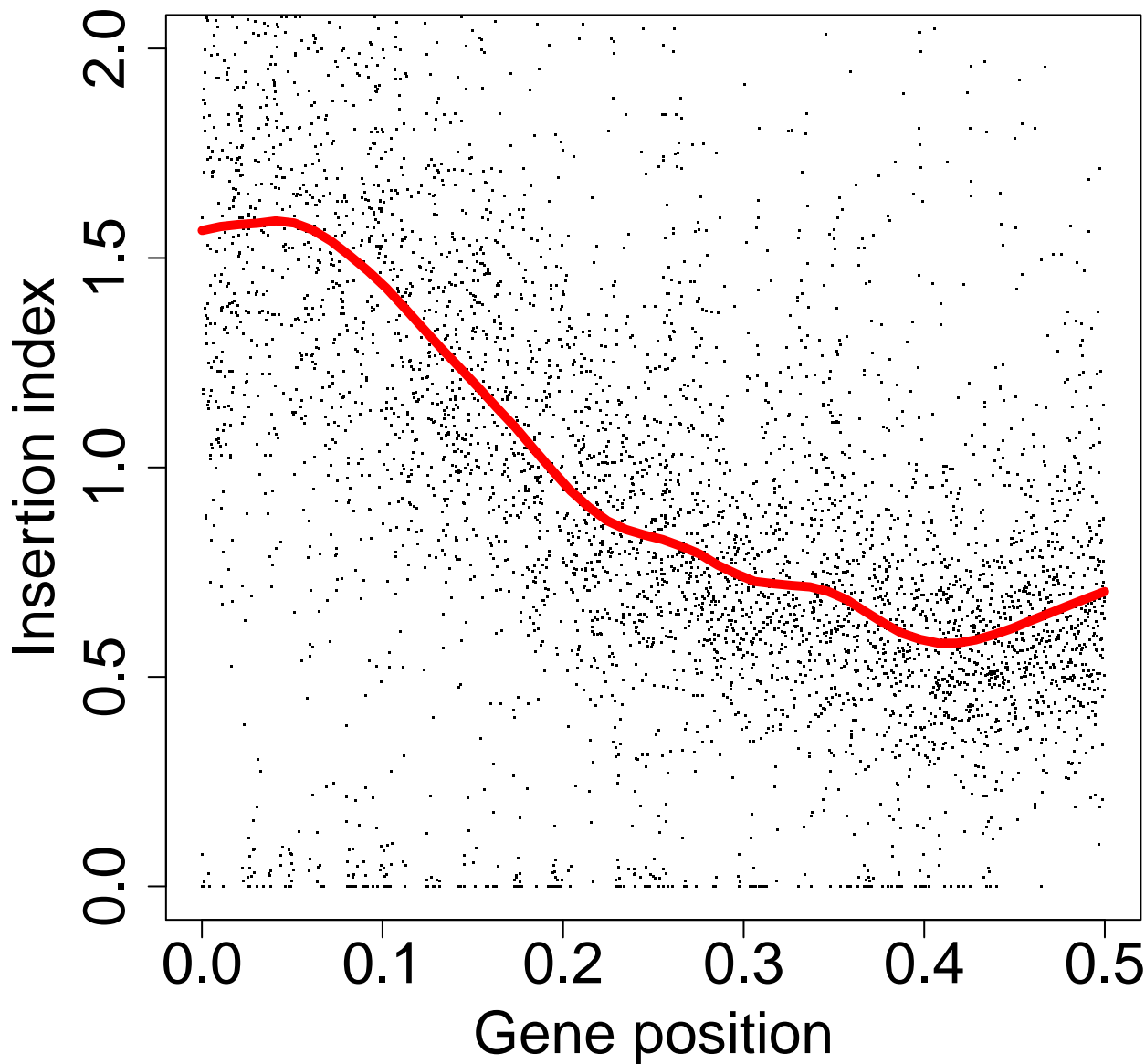


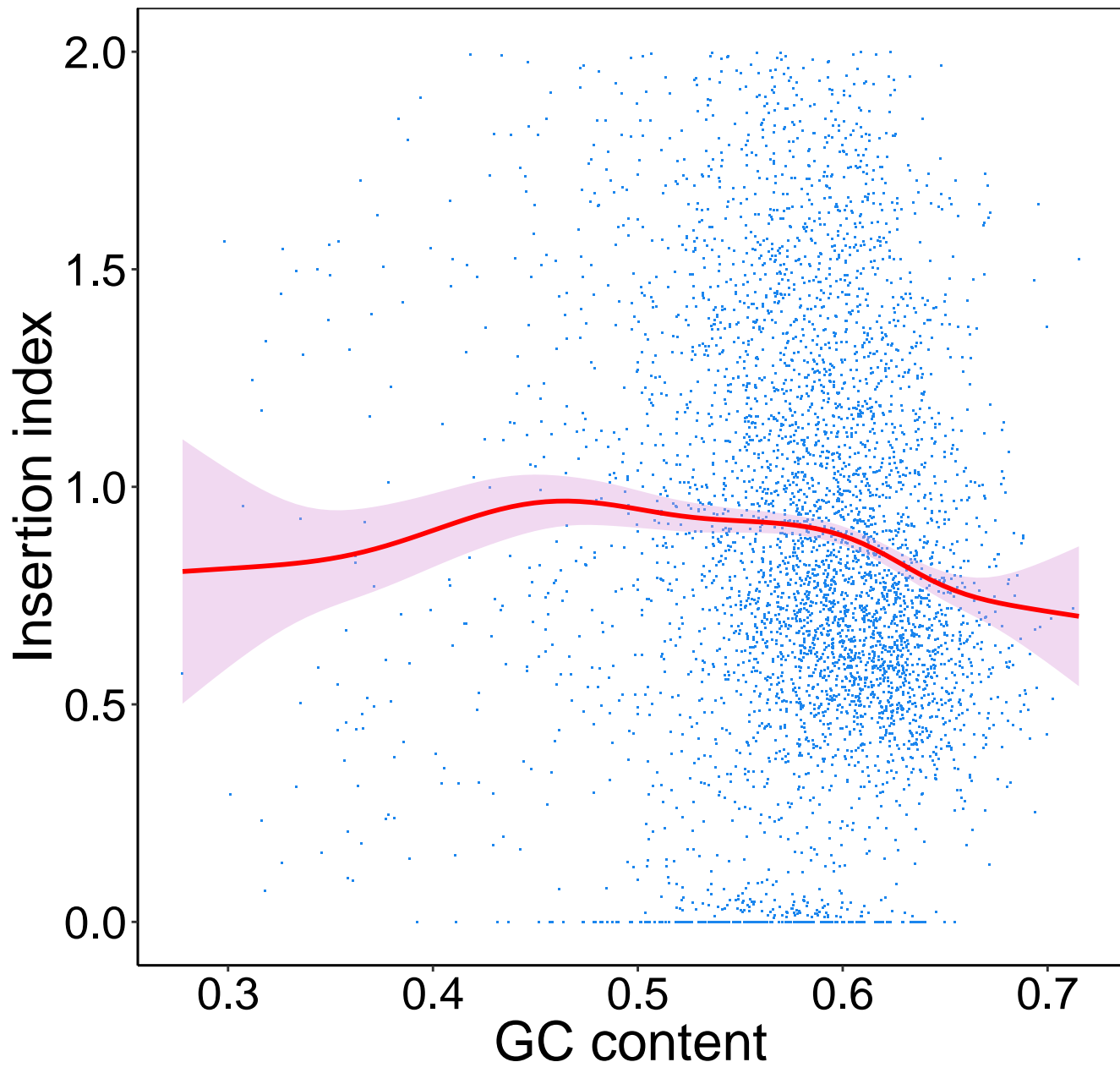
# Distance bias – *Klebsiella pneumoniae* Ec



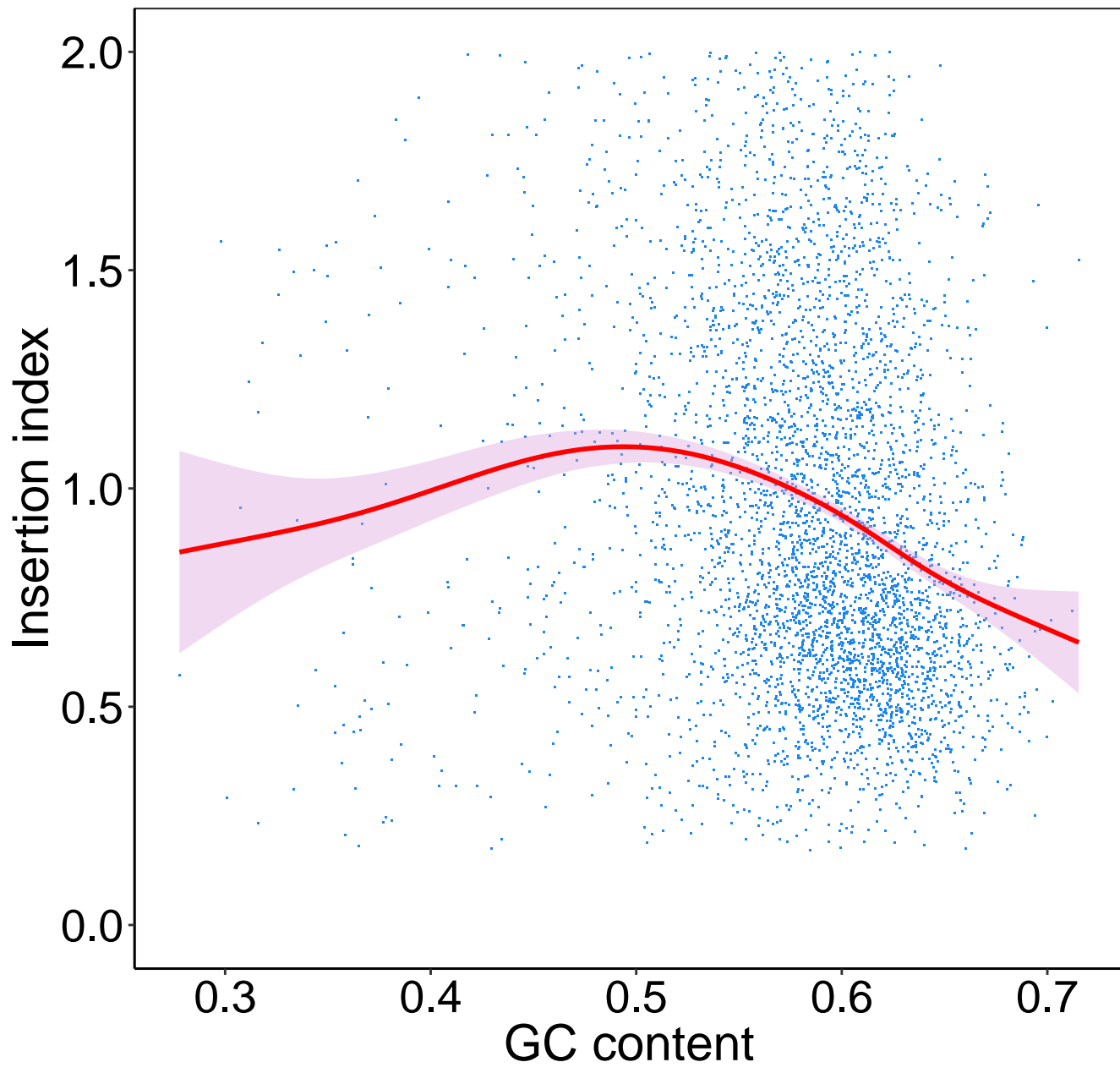
# Distance bias – *Klebsiella pneumoniae* Ec



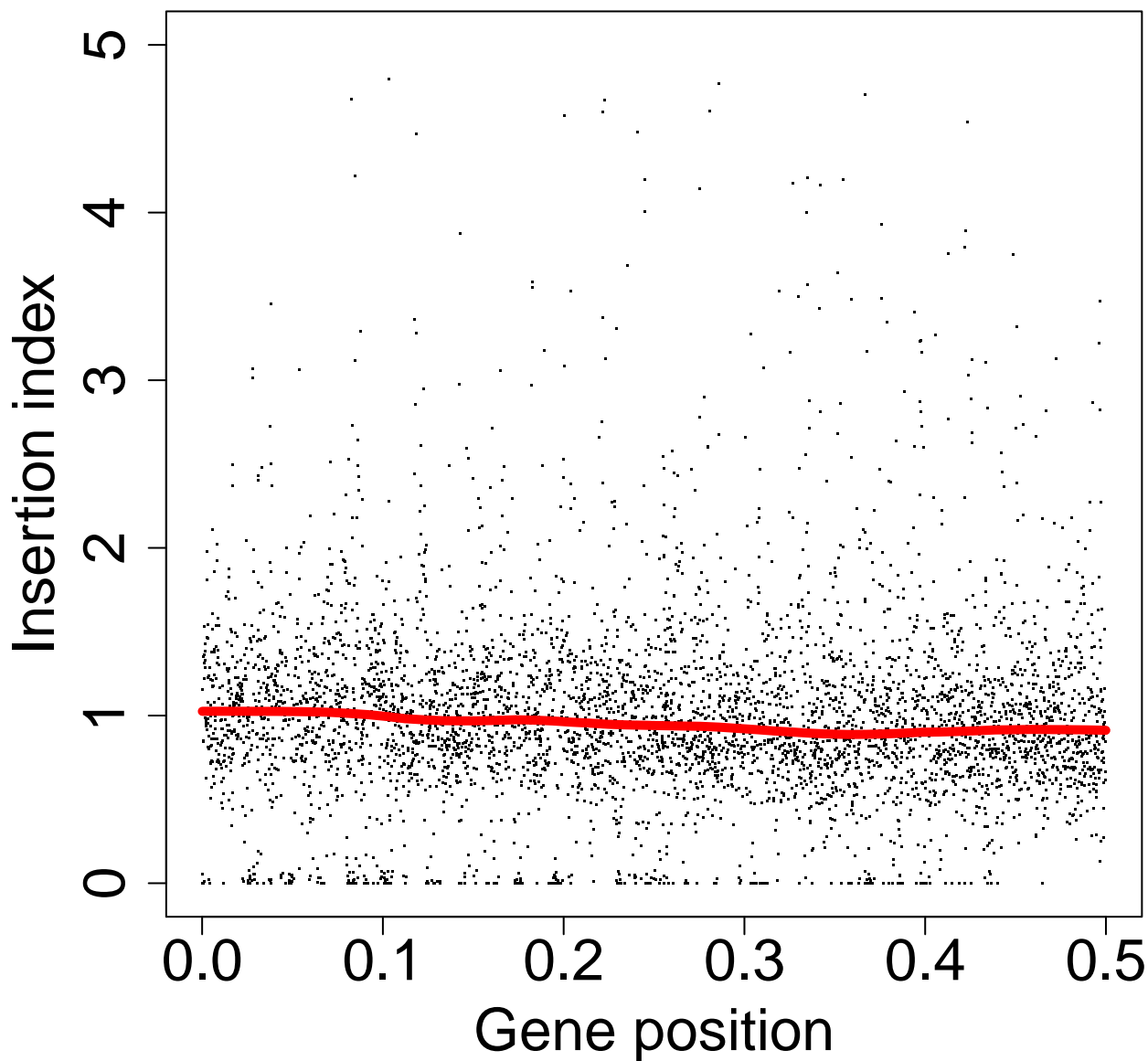
# GC bias – *Klebsiella pneumoniae* Ecl8



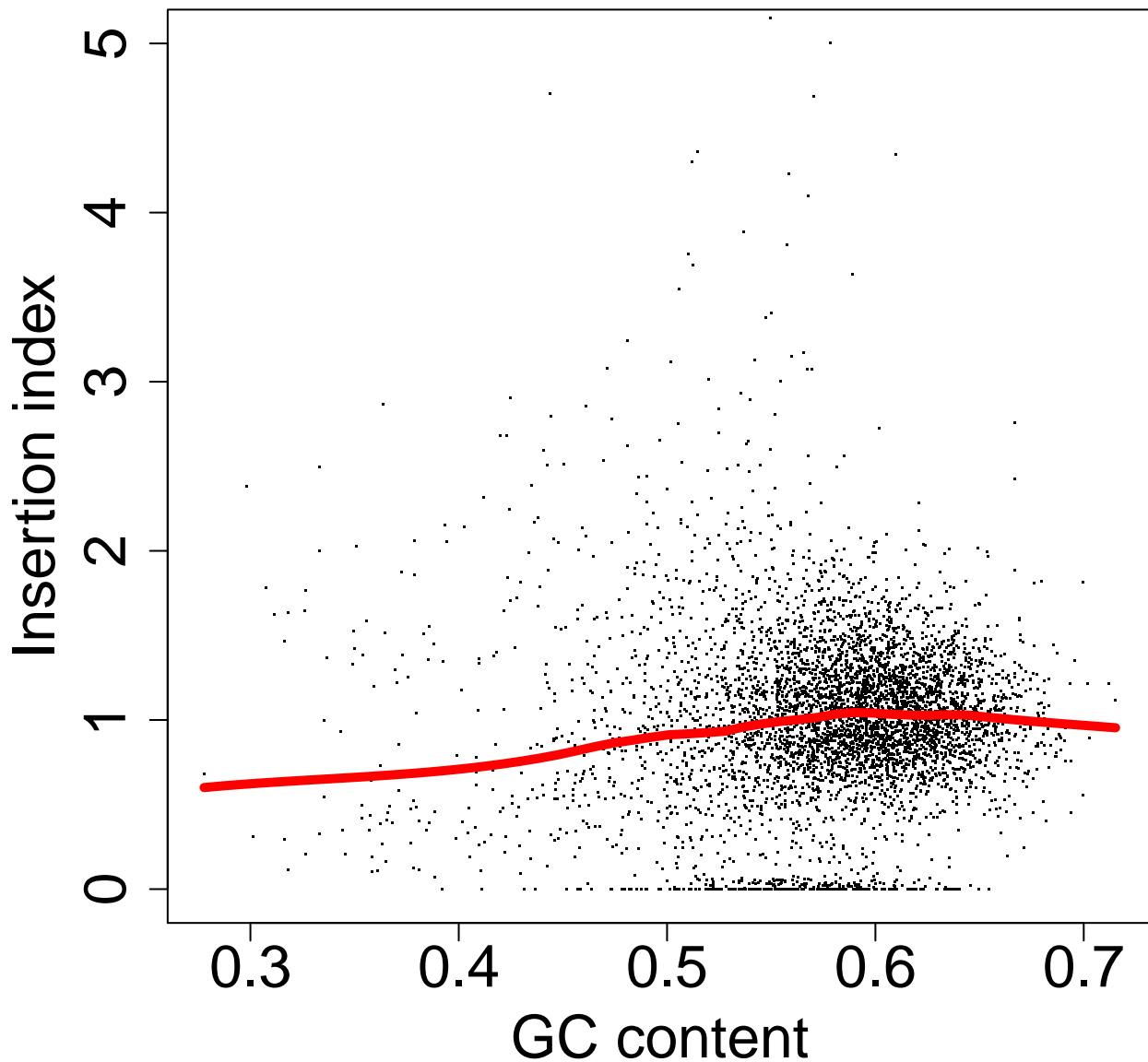
# GC bias – *Klebsiella pneumoniae* Ecl8



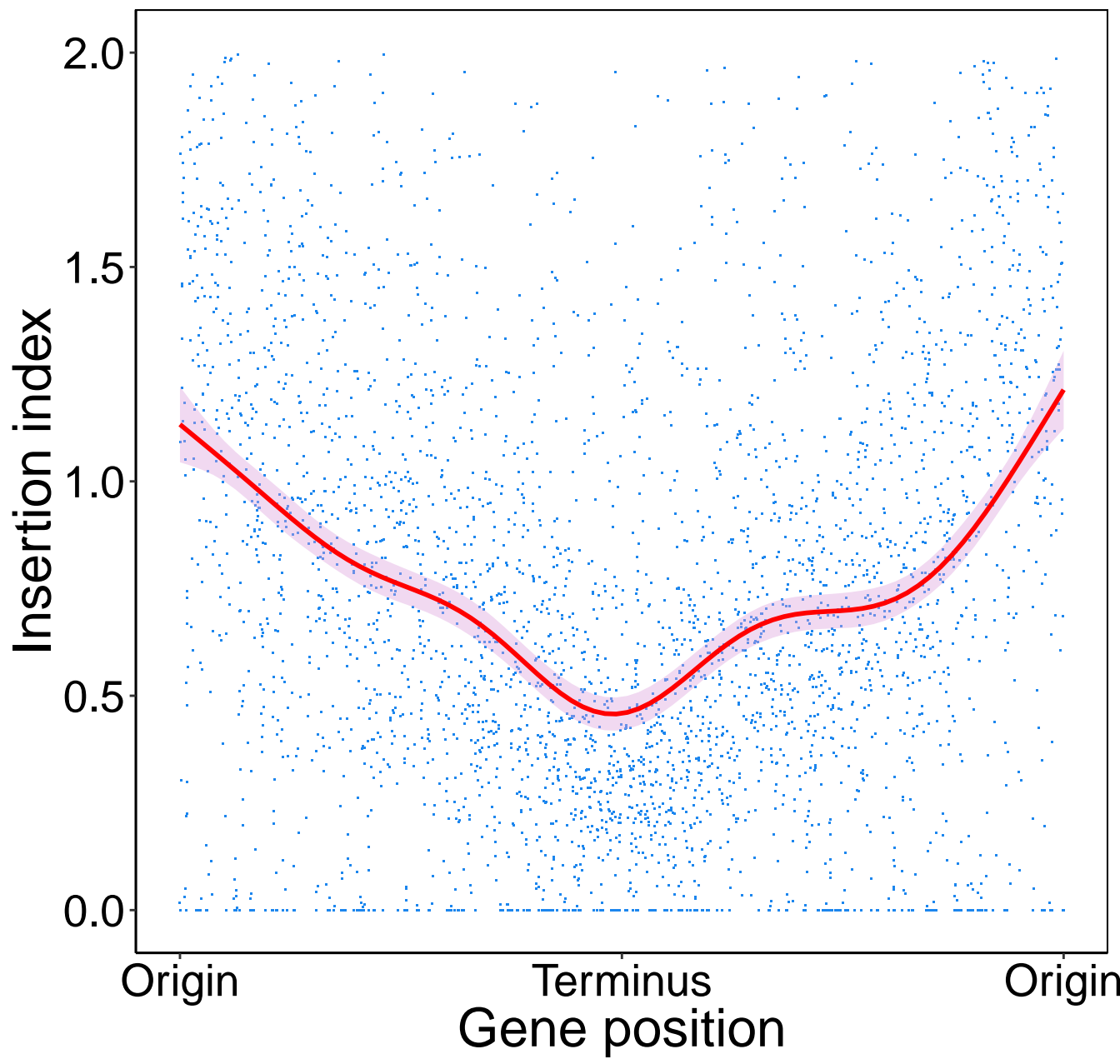
# *Klebsiella pneumoniae* Ecl8 – normalised dist



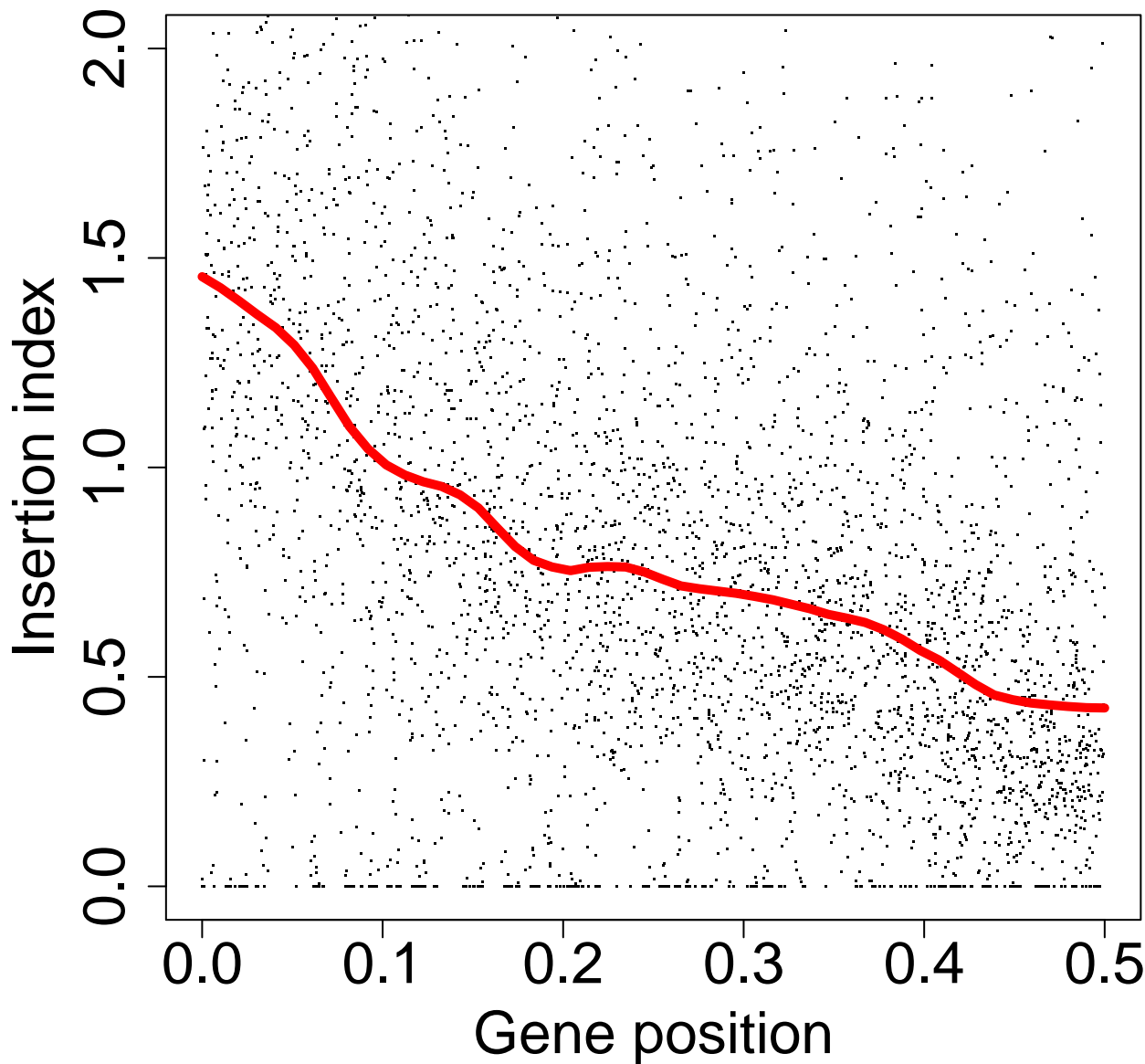
# ***Klebsiella pneumoniae* Ecl8 – normalised C**



# Distance bias – *Escherichia coli* BW2511

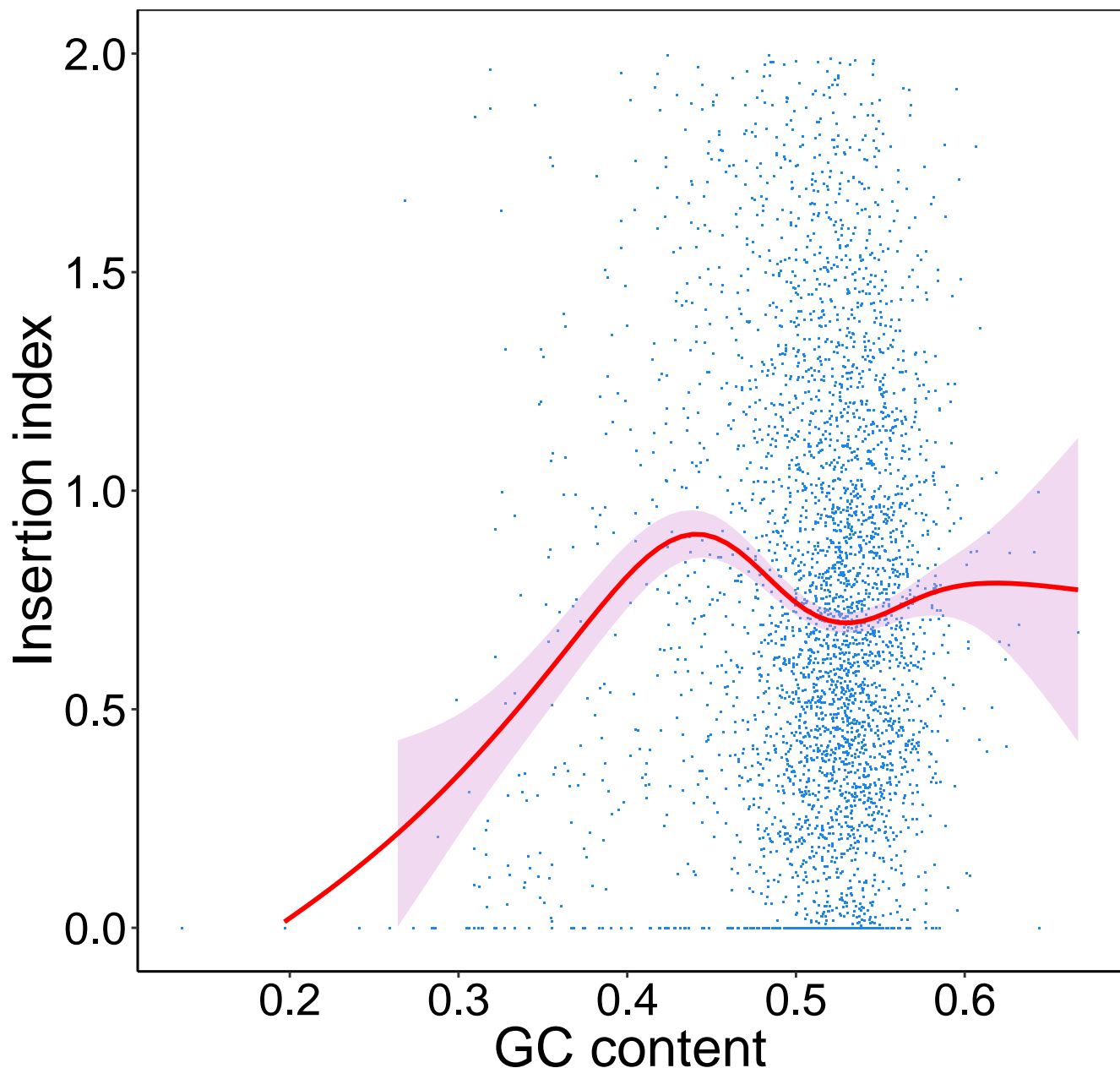


# Distance bias – *Escherichia coli* BW25113

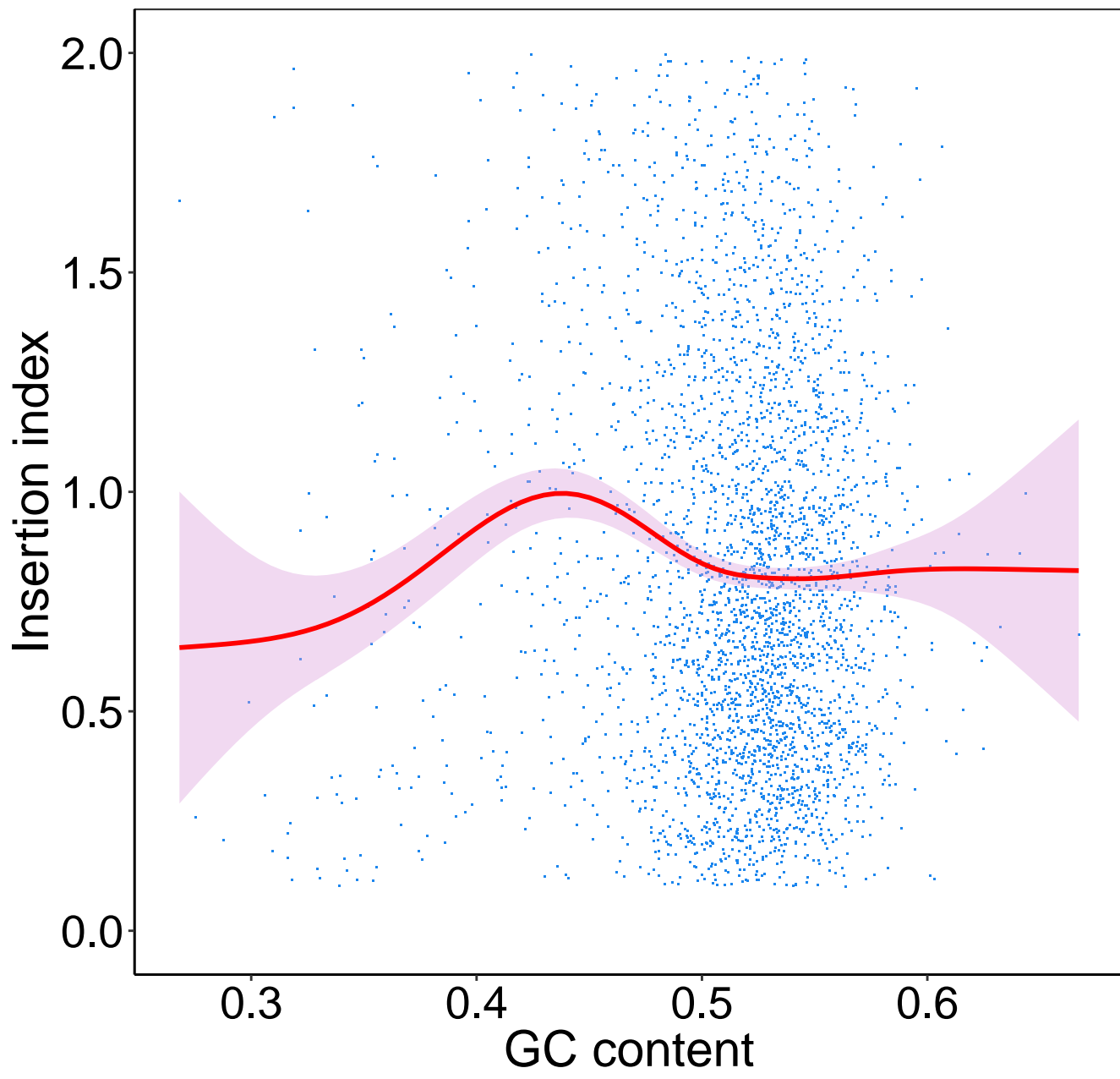




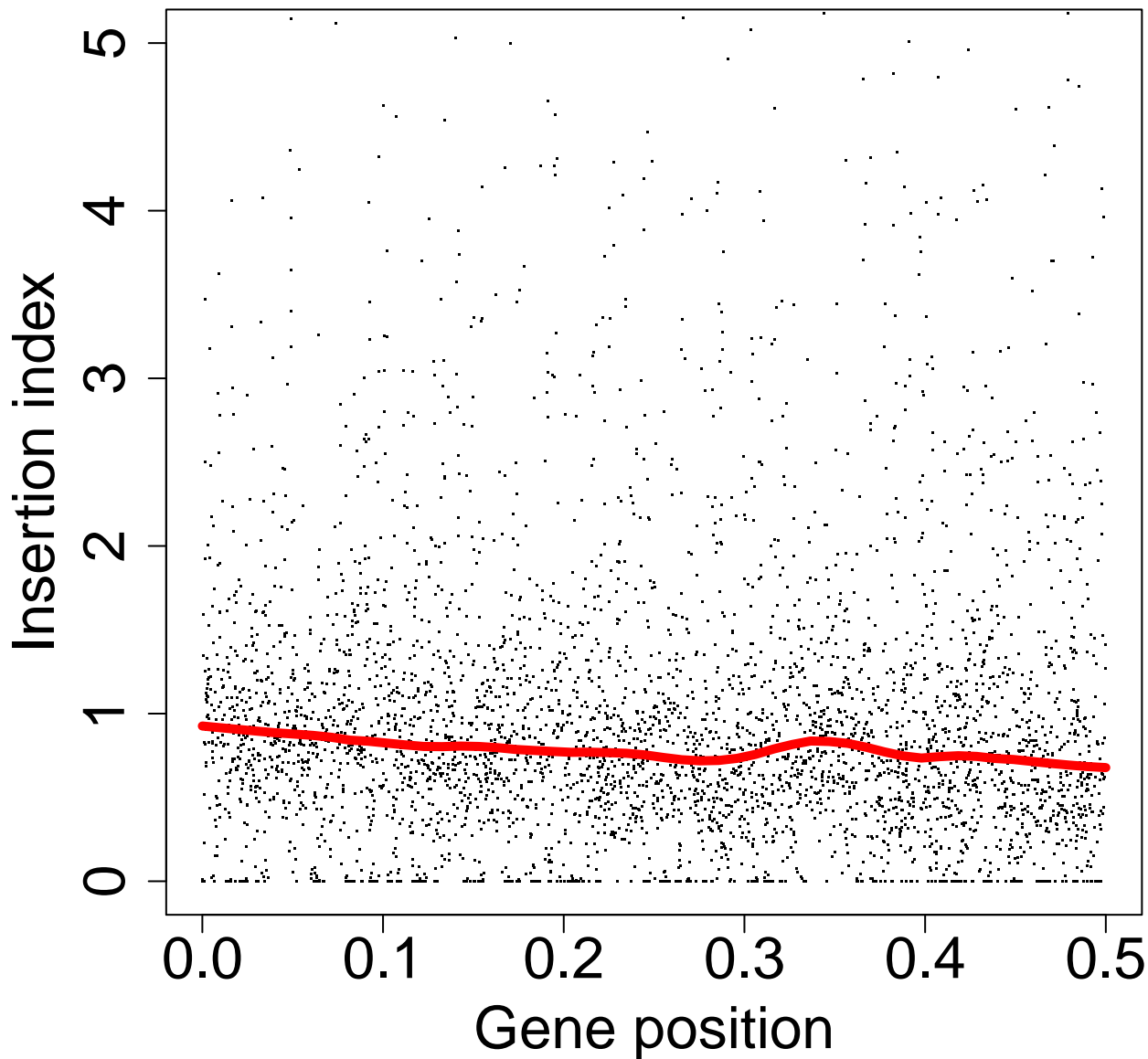
# GC bias – *Escherichia coli* BW25113



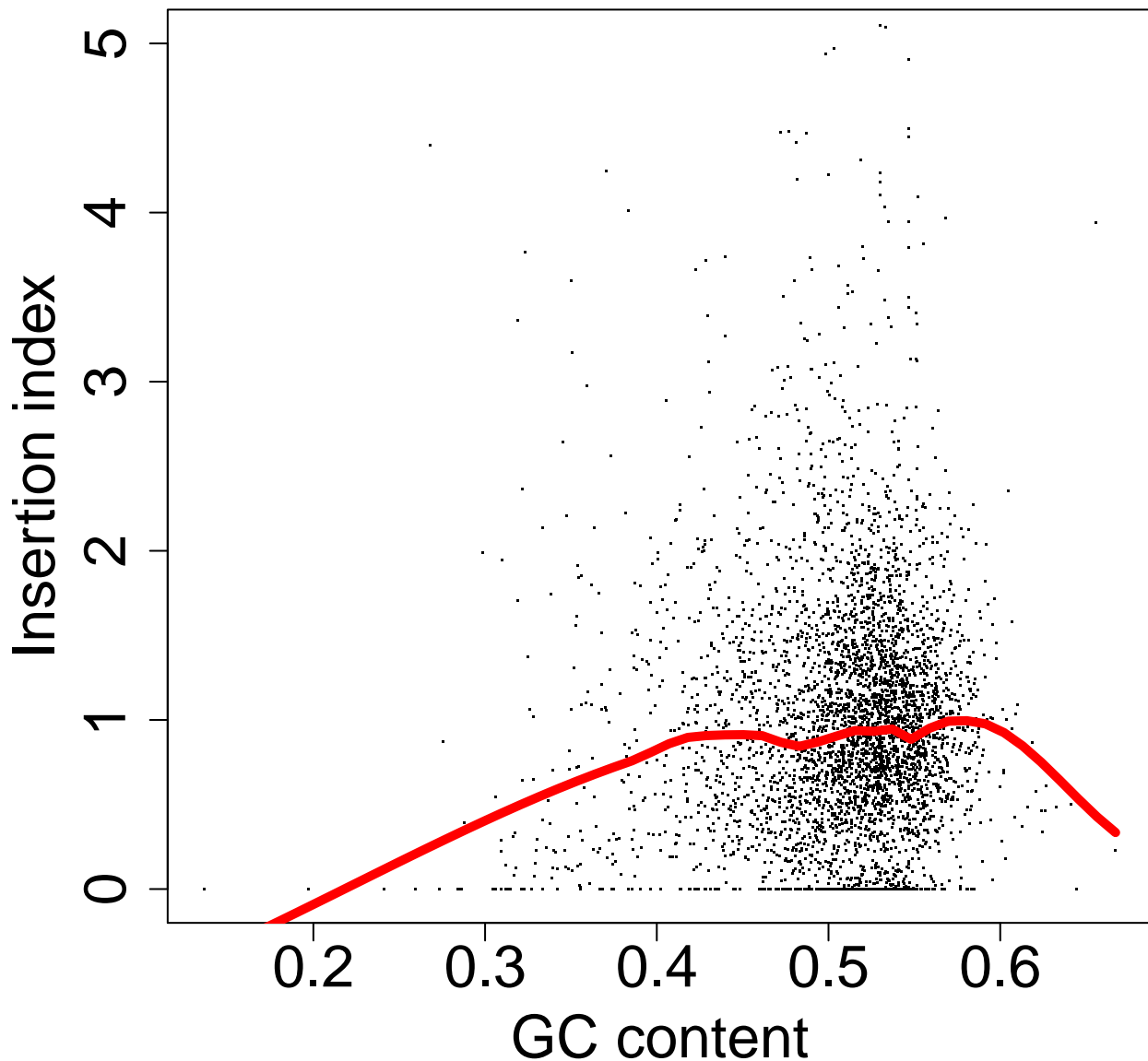
# GC bias – *Escherichia coli* BW25113



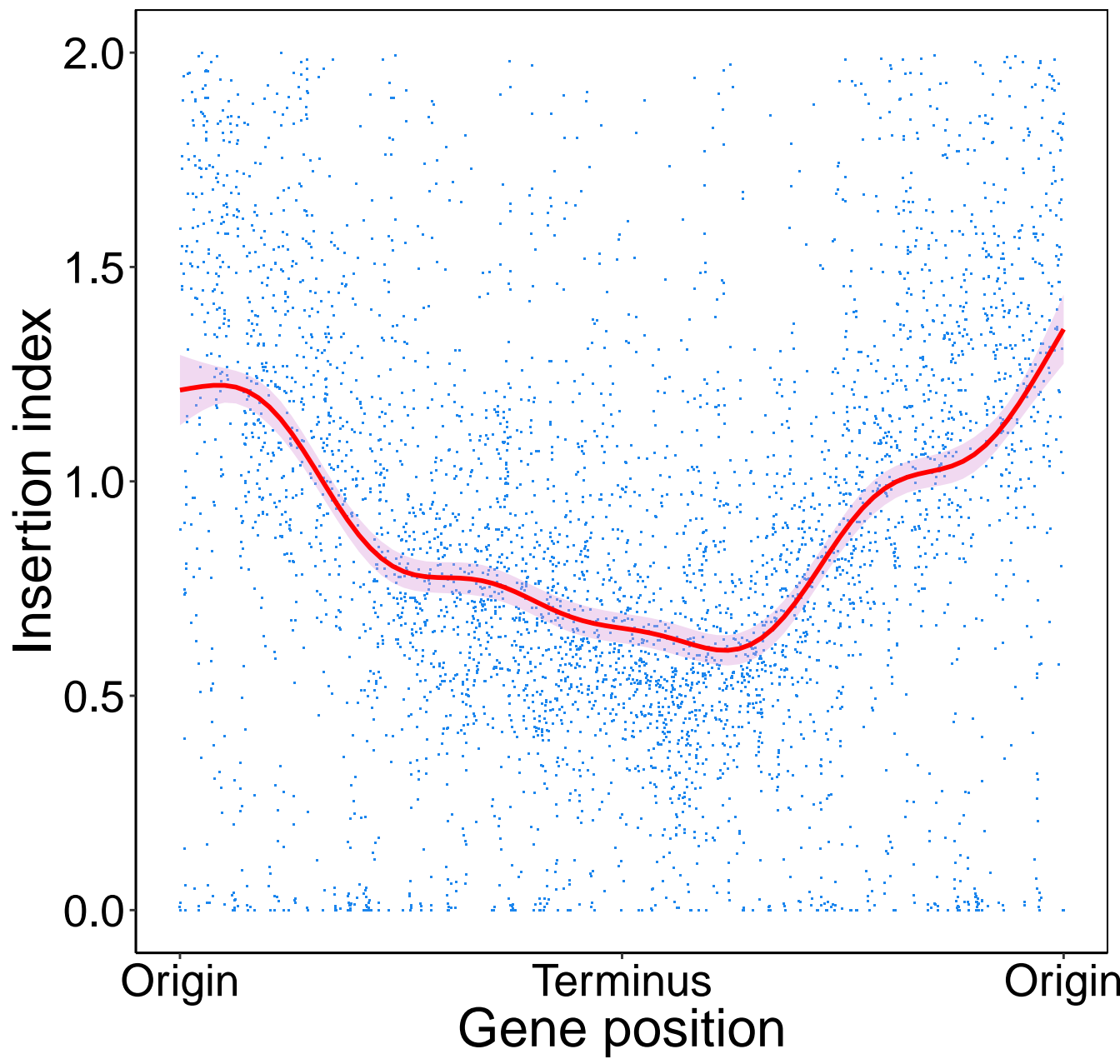
# Escherichia coli BW25113 – normalised dista



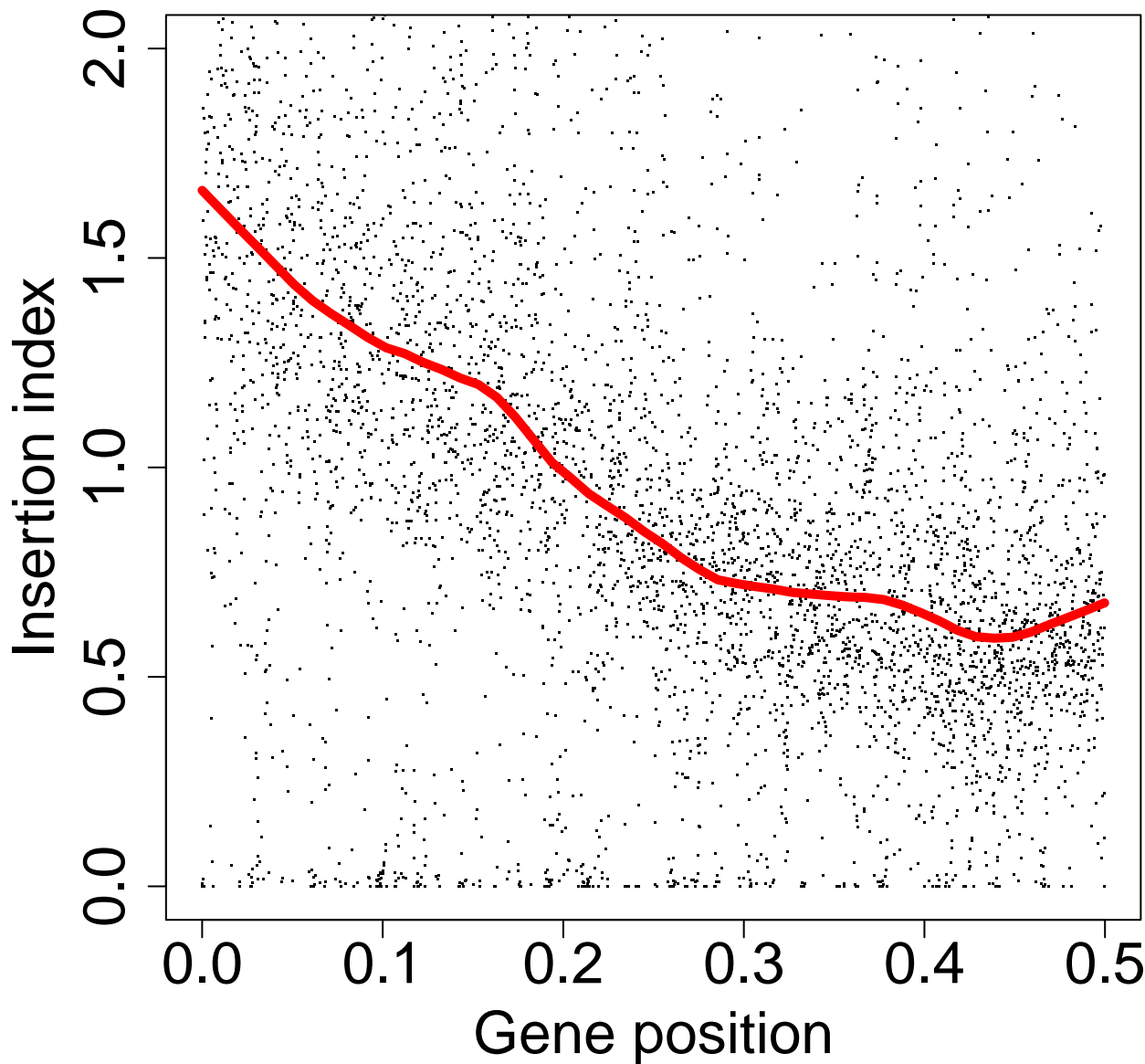
# Escherichia coli BW25113 – normalised G



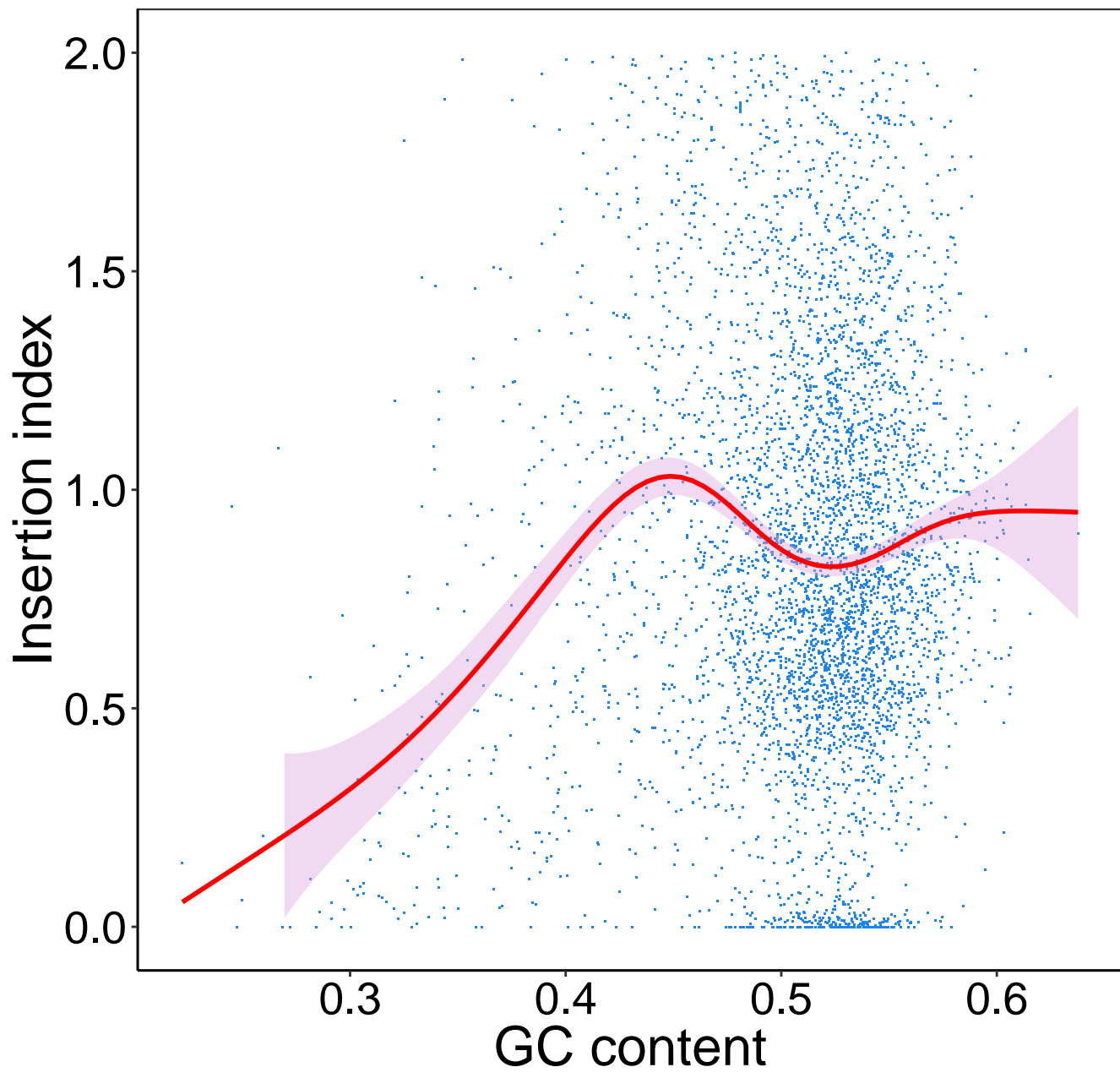
# Distance bias – *Escherichia coli* ST131 EC9



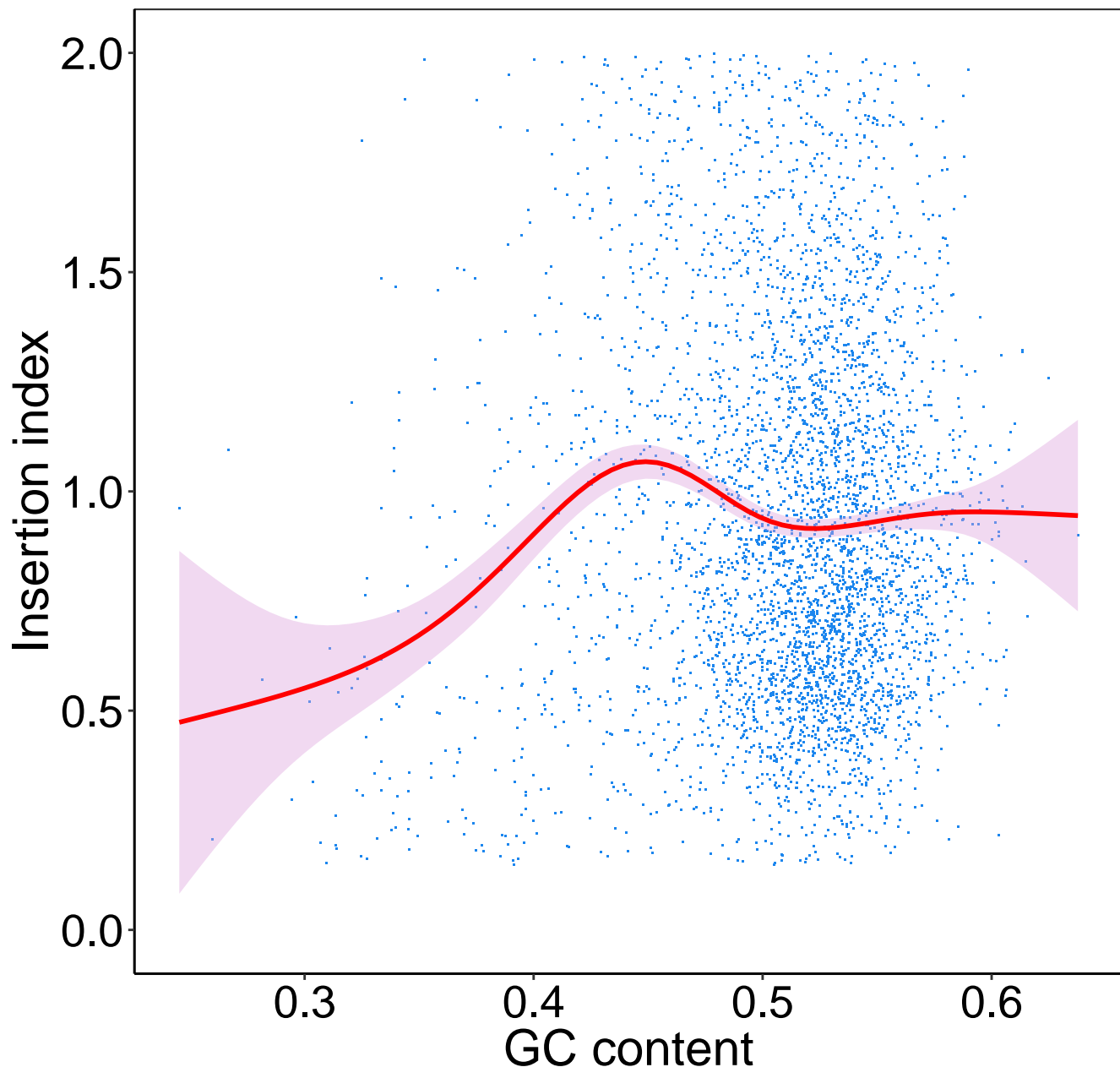
# Distance bias – *Escherichia coli* ST131 EC9



# GC bias – *Escherichia coli* ST131 EC958

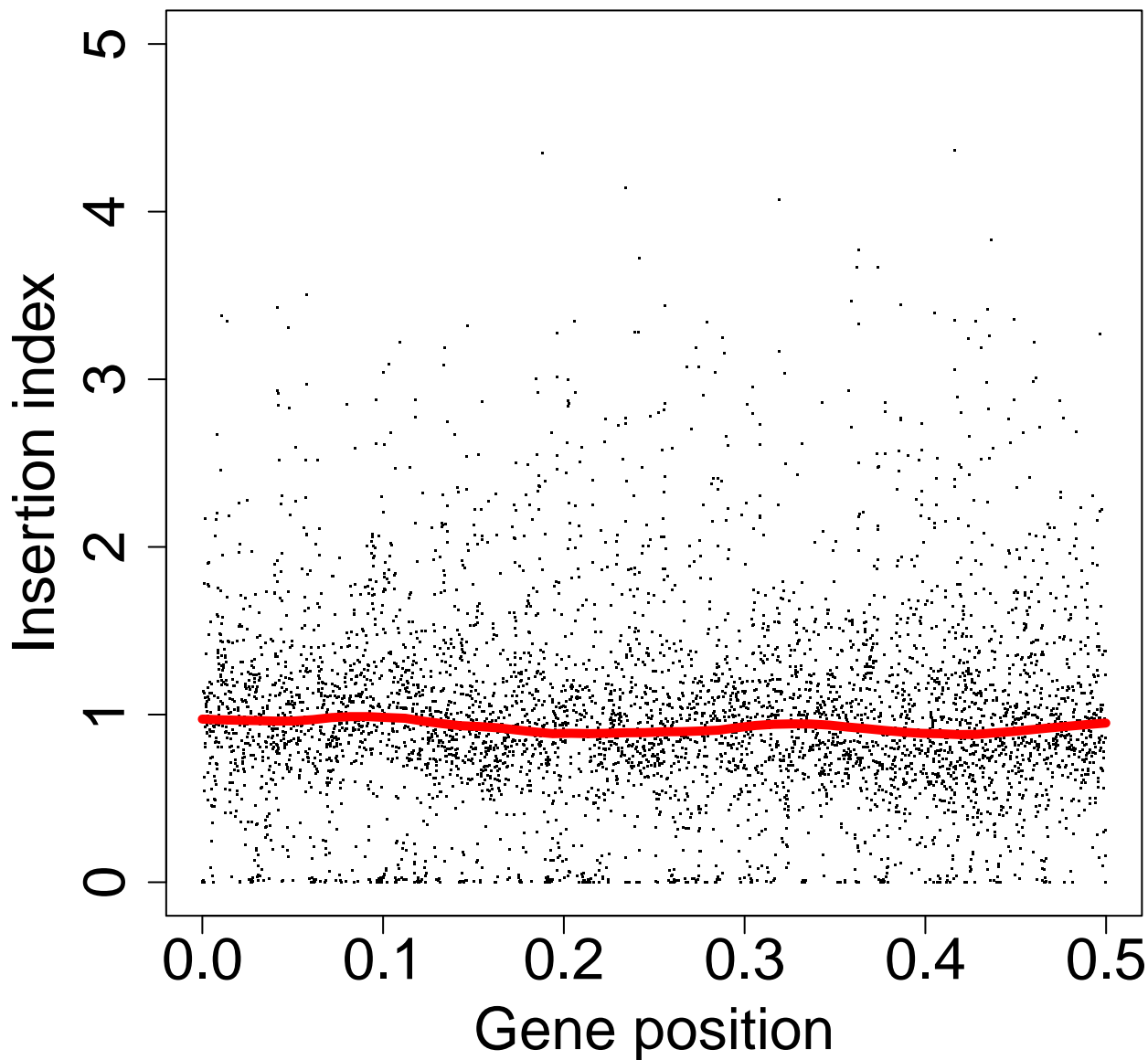


# GC bias – *Escherichia coli* ST131 EC958

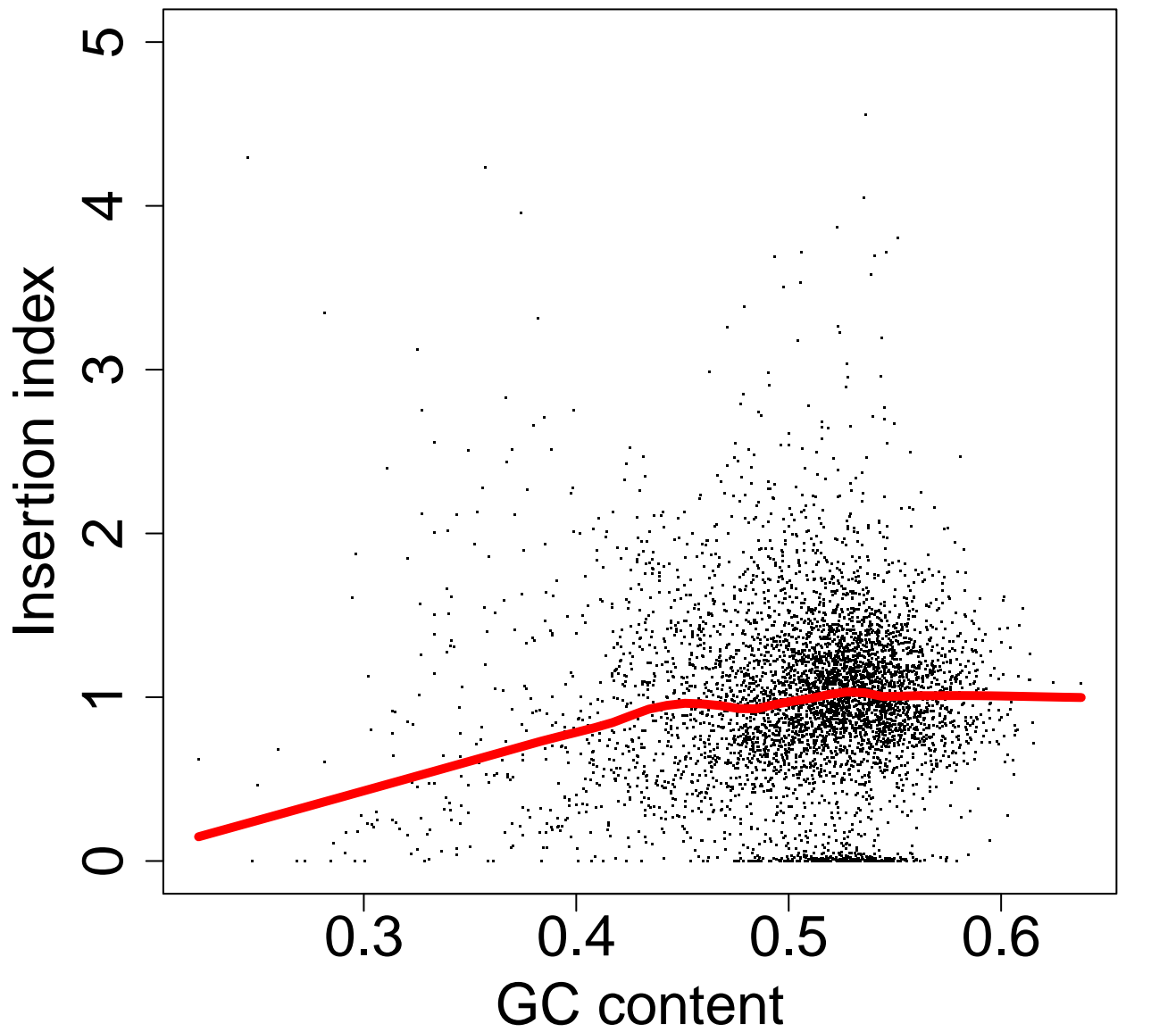




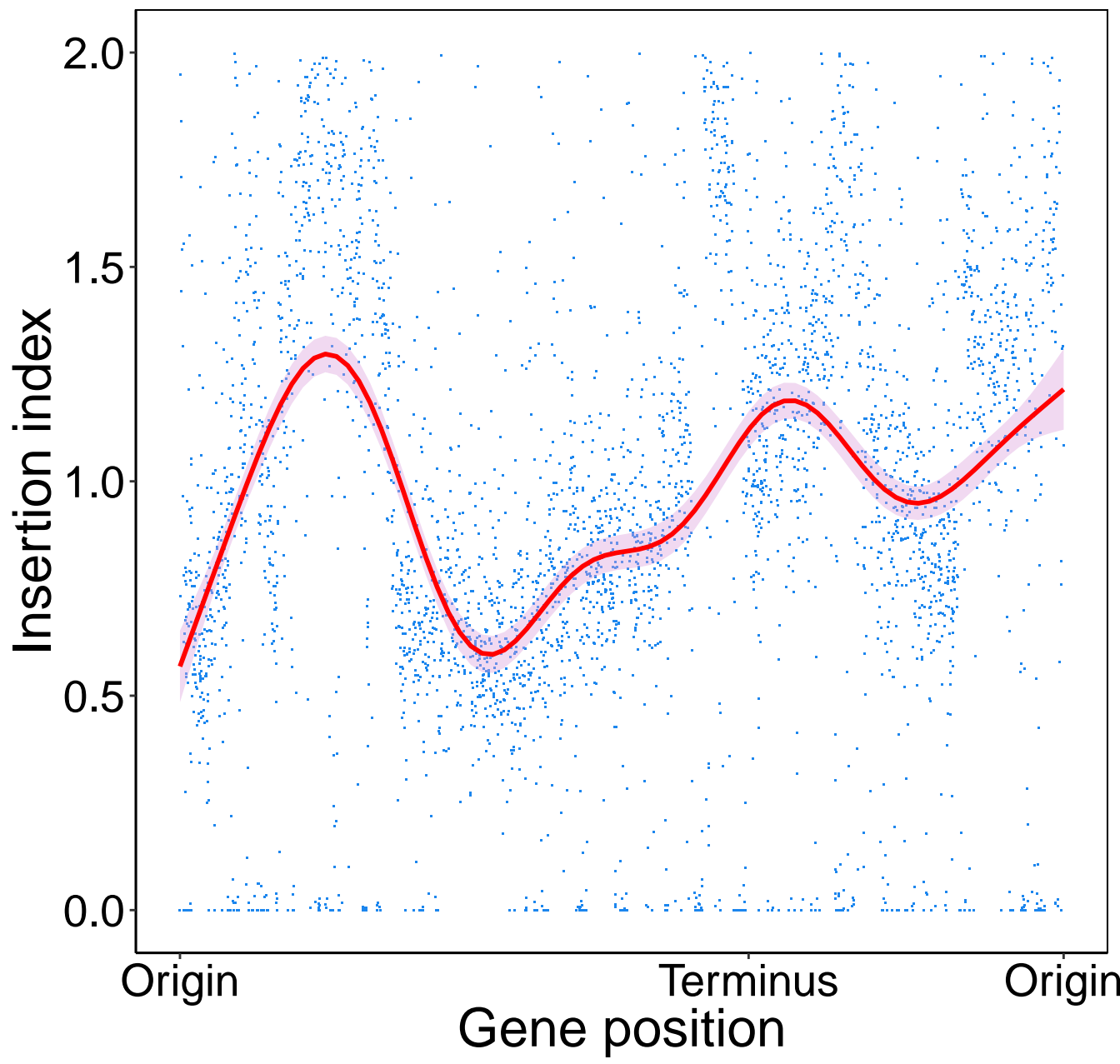
# *Escherichia coli* ST131 EC958 – normalised dis



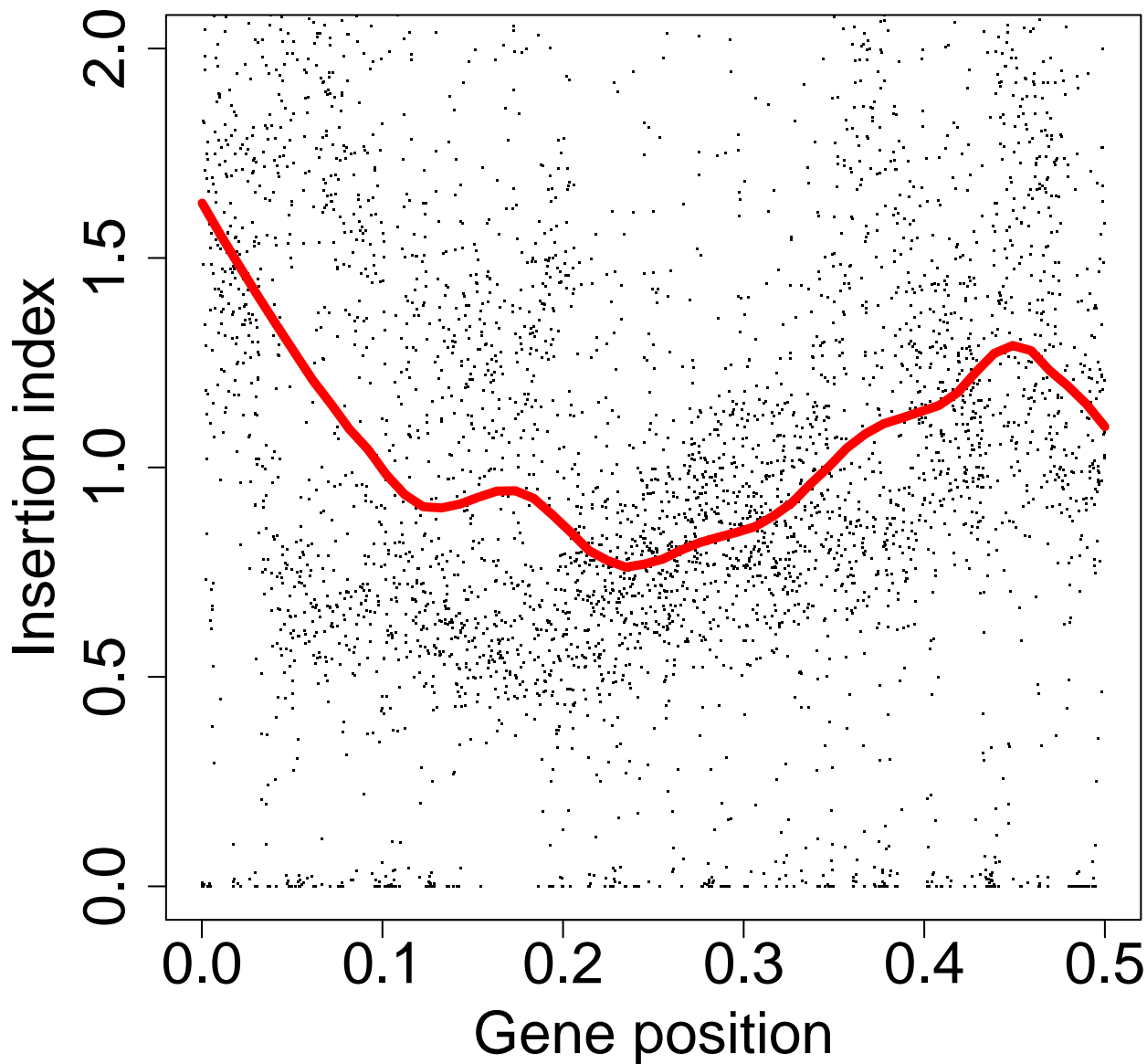
**Escherichia coli ST131 EC958 – normalised**



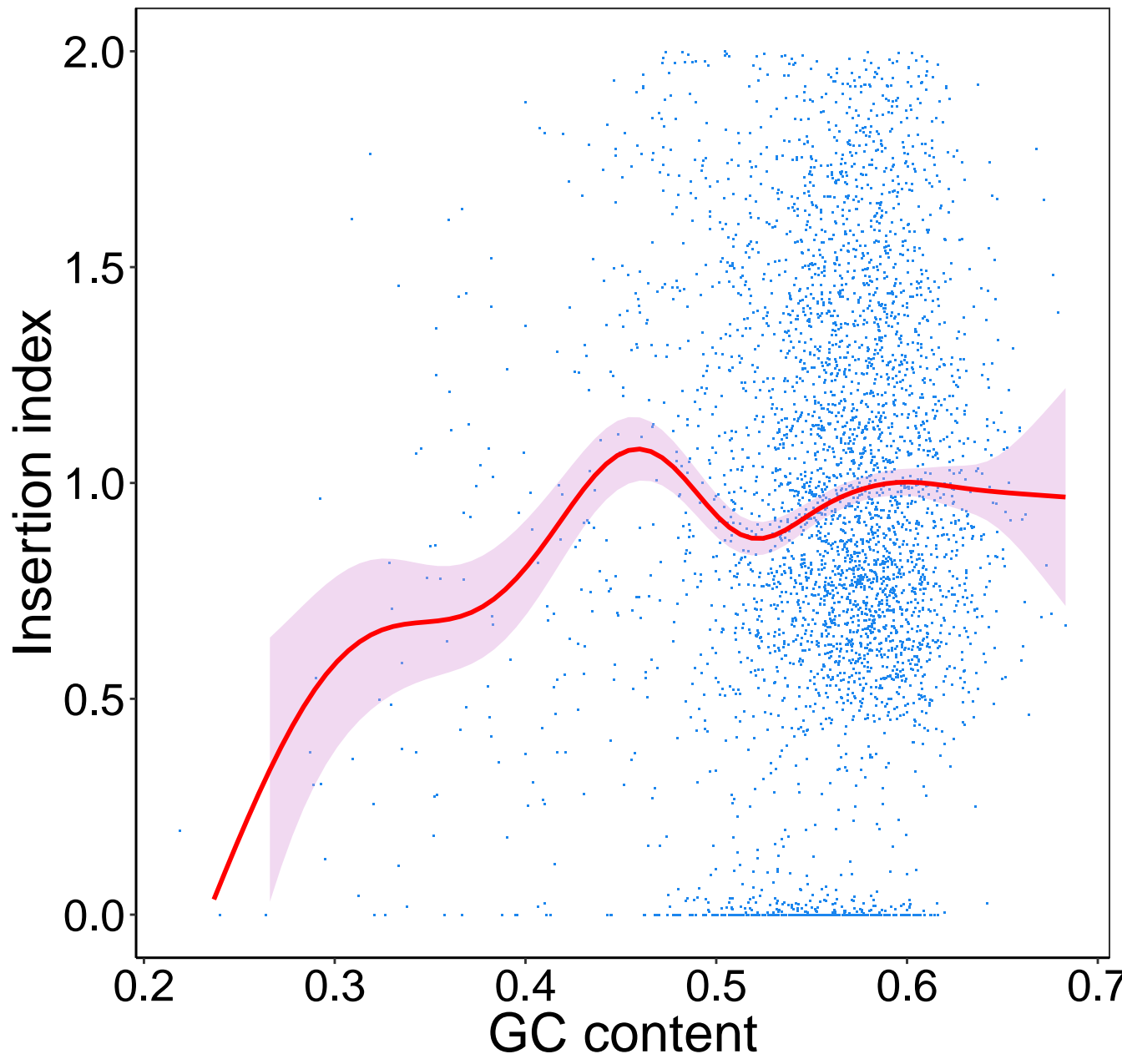
# Distance bias – Enterobacter



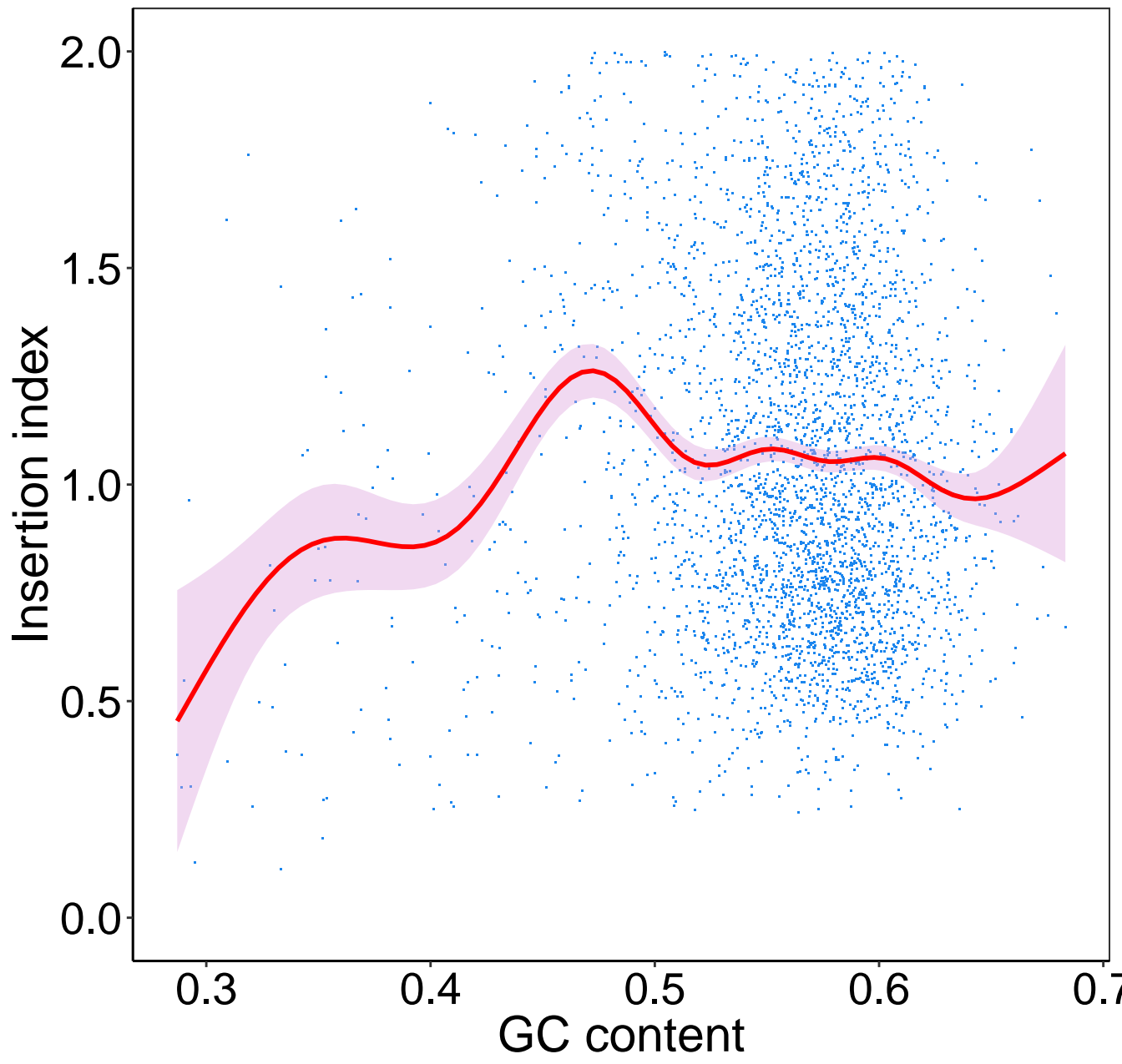
# Distance bias – Enterobacter



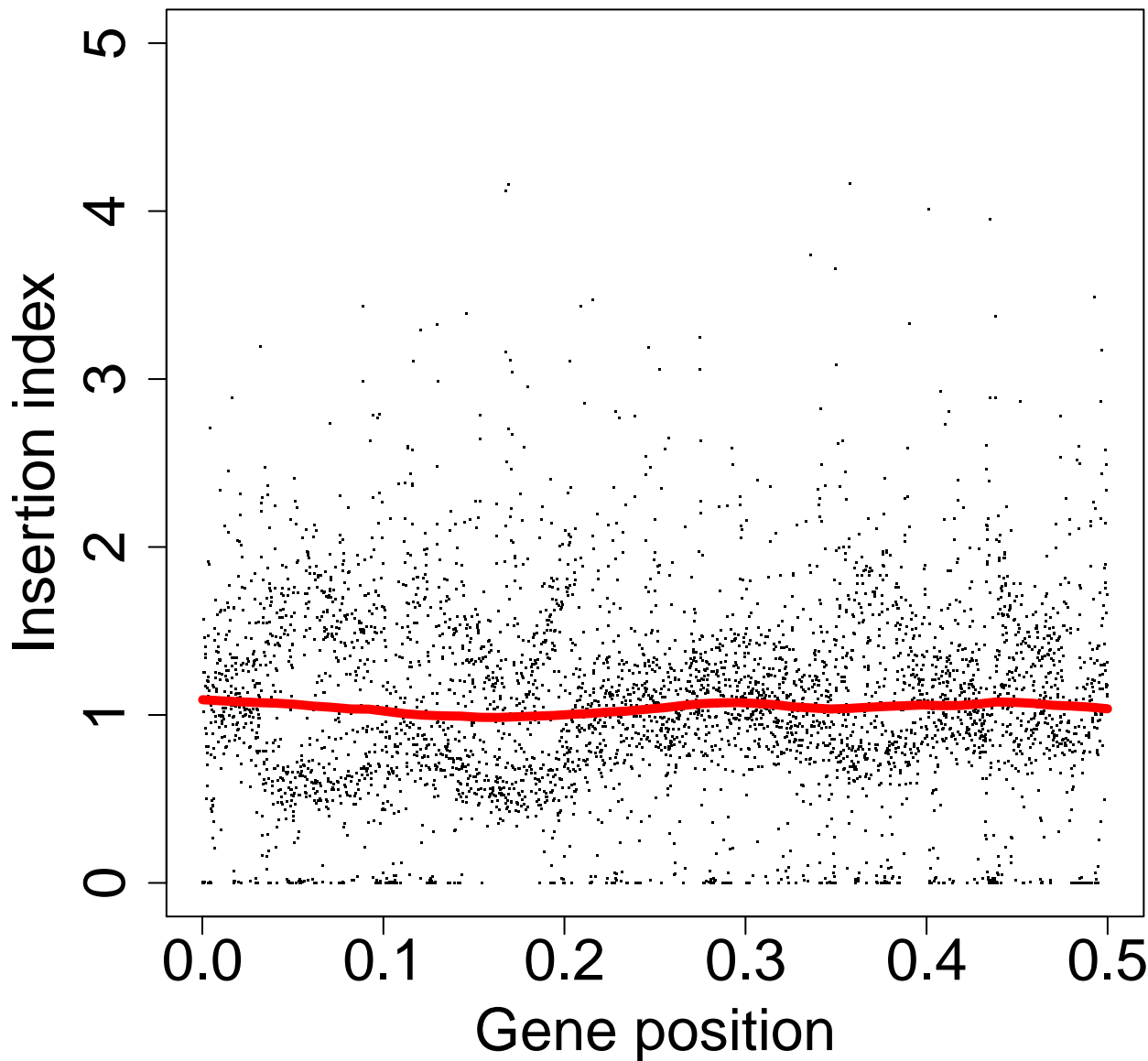
# GC bias – Enterobacter



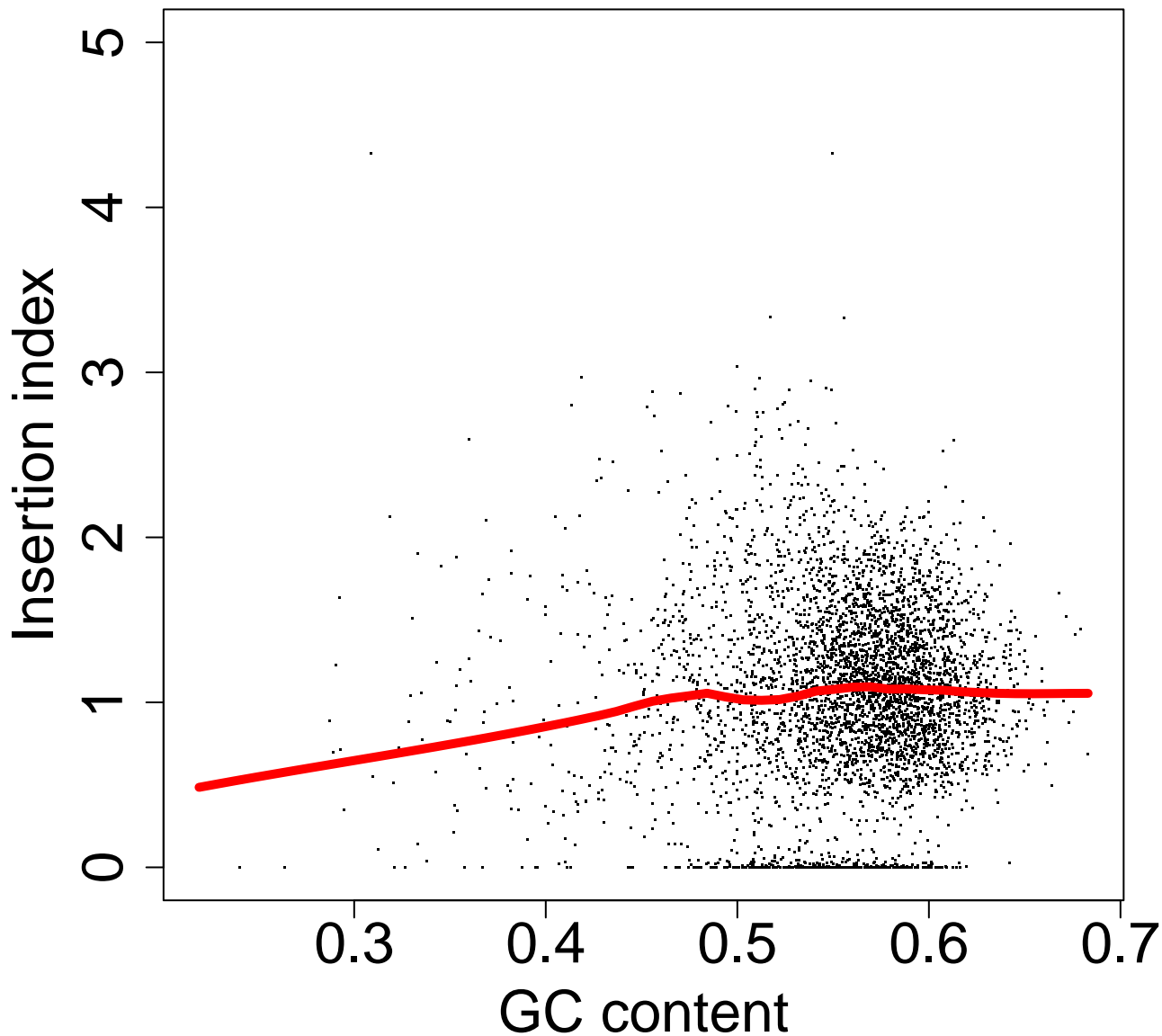
# GC bias – Enterobacter



# Enterobacter – normalised distance

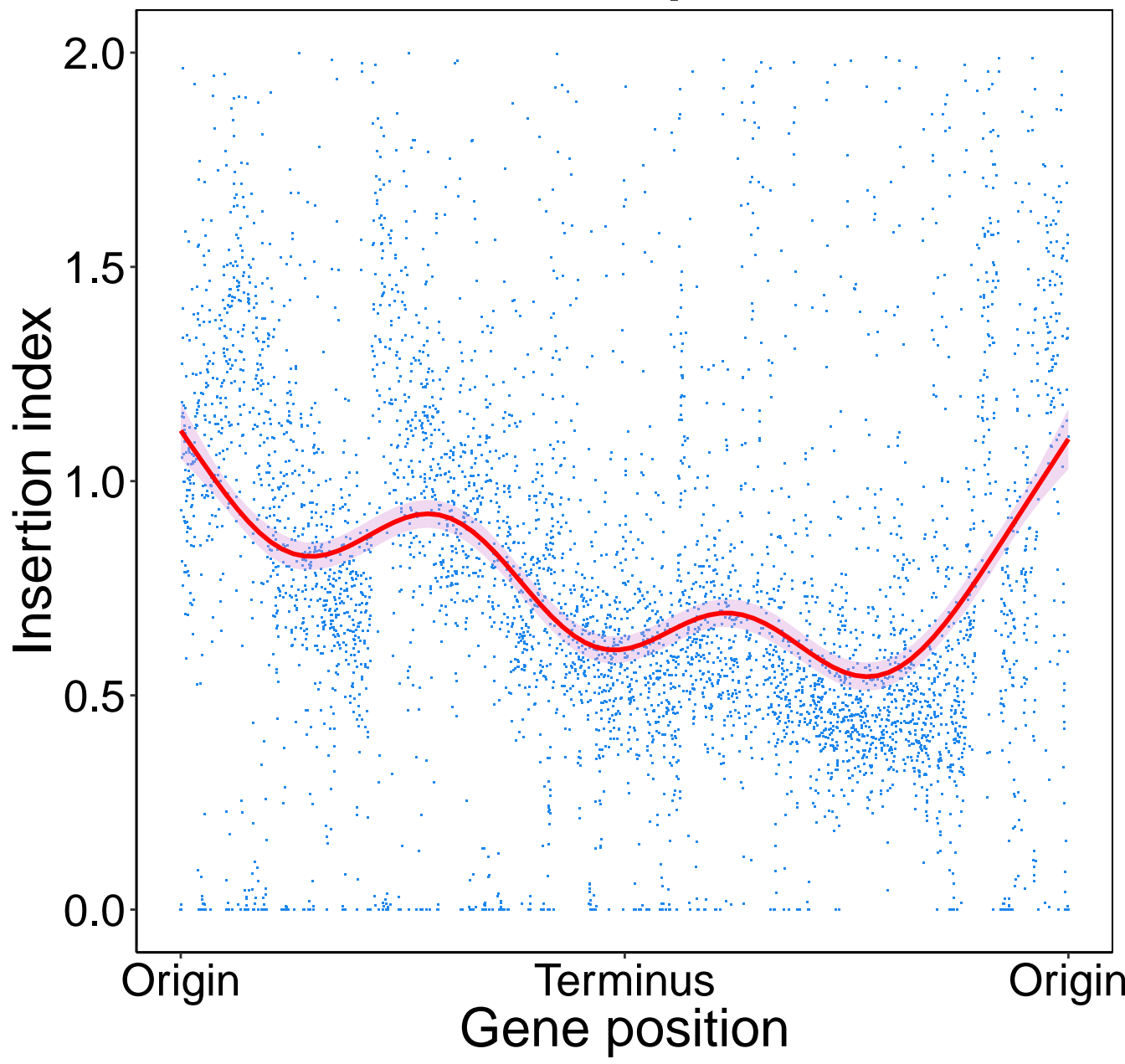


# Enterobacter – normalised GC

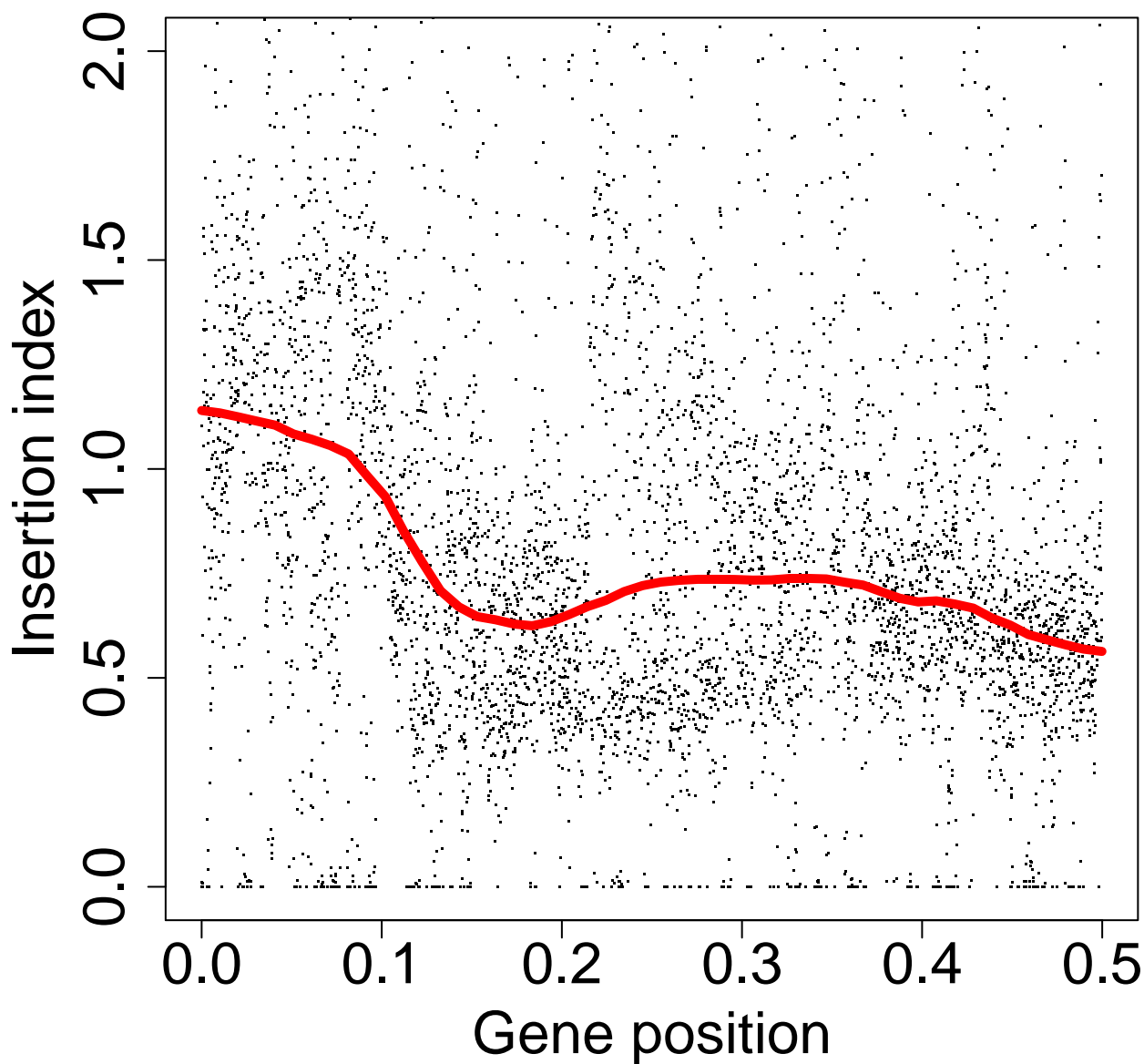




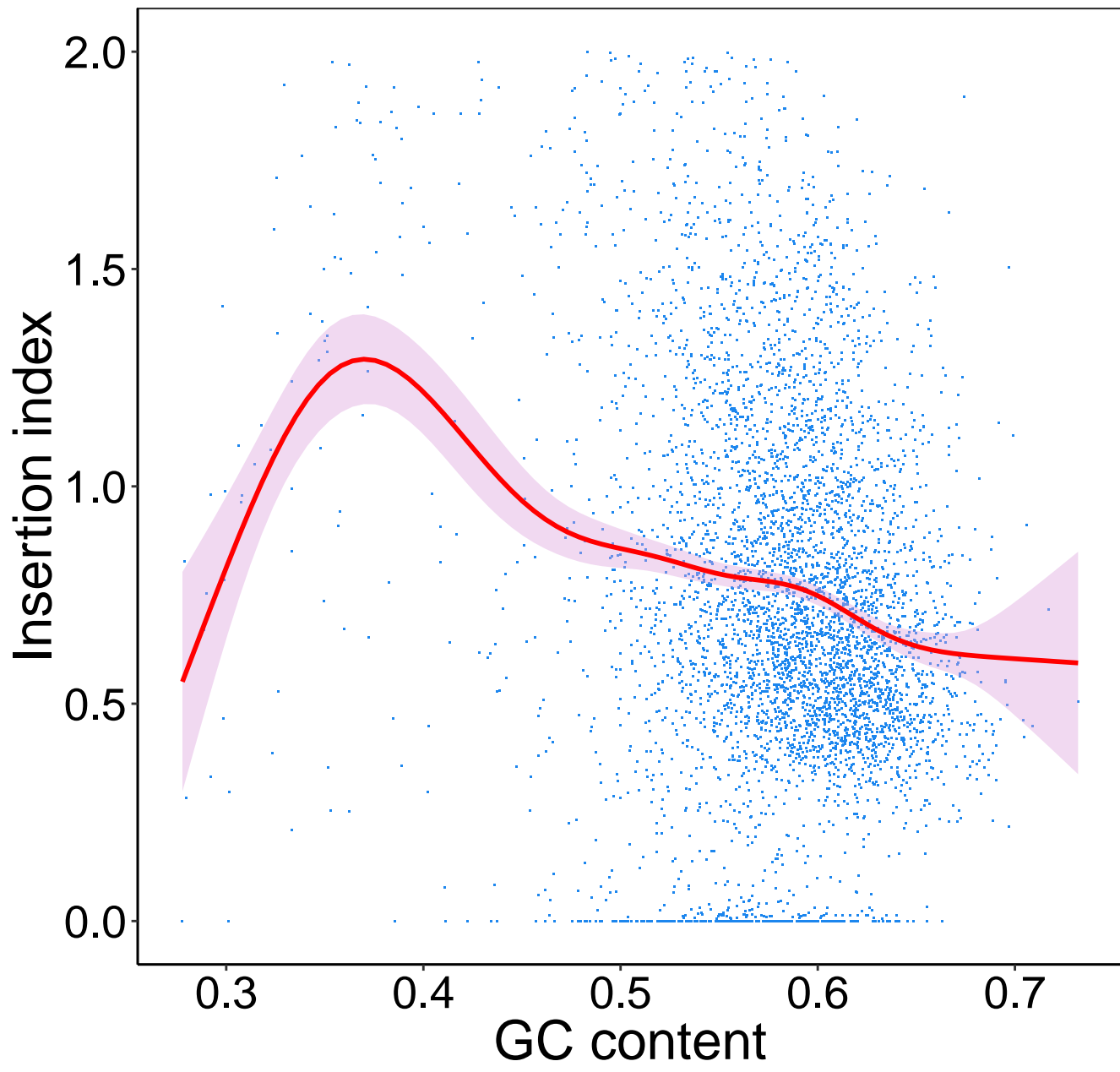
# Distance bias – *Klebsiella pneumoniae* RH20



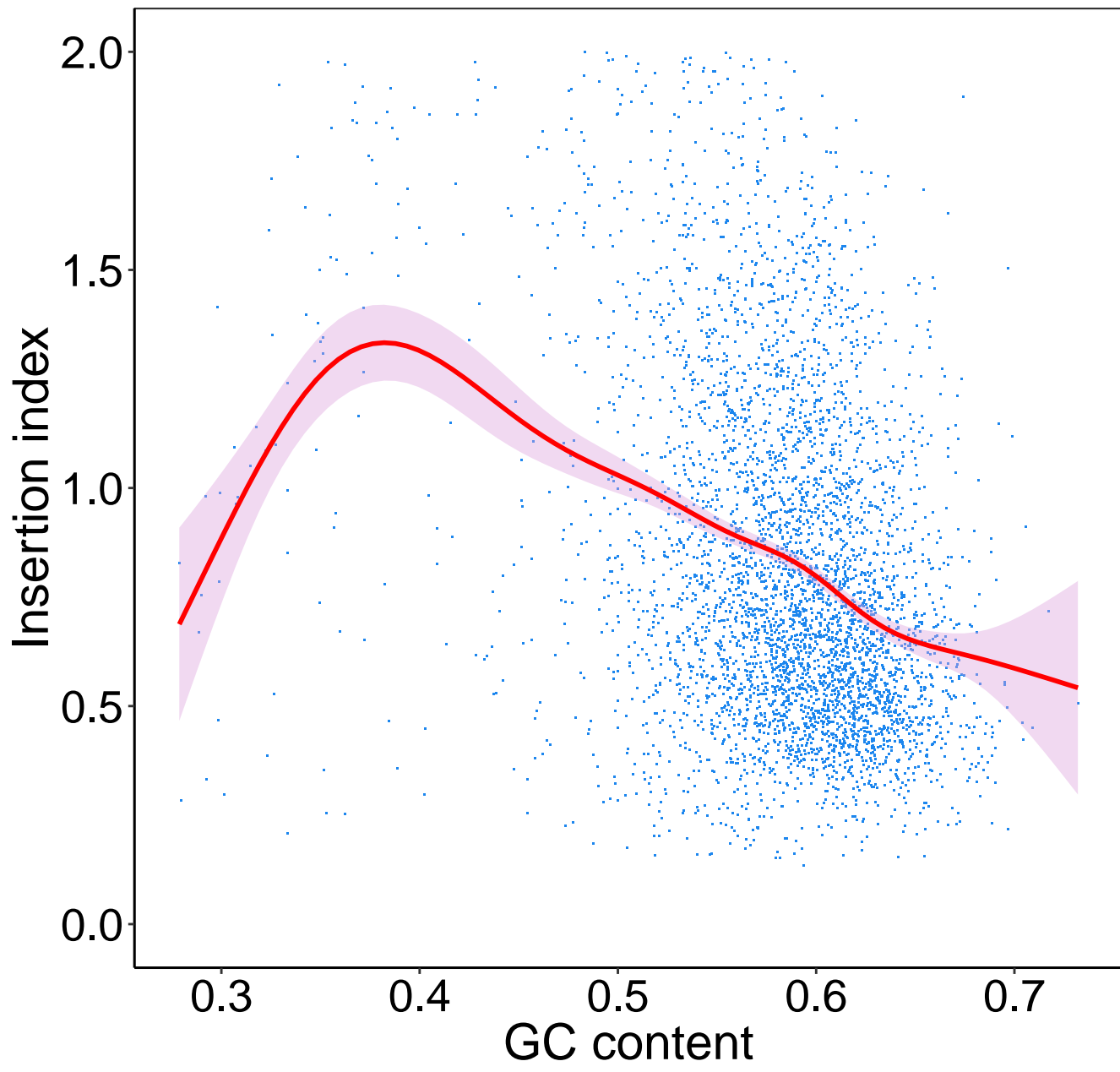
# Distance bias – *Klebsiella pneumoniae* RH20



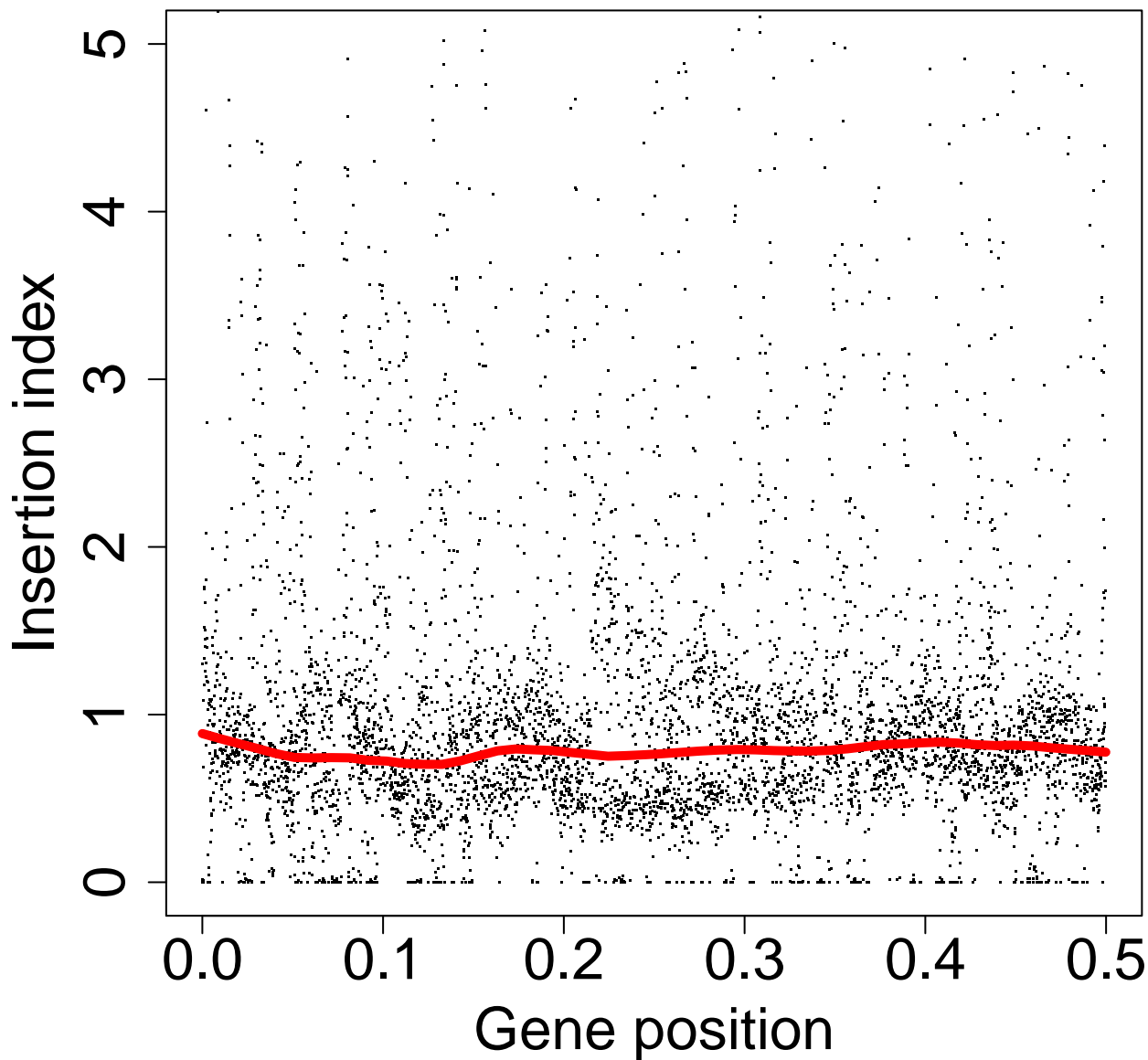
# GC bias – *Klebsiella pneumoniae* RH2012



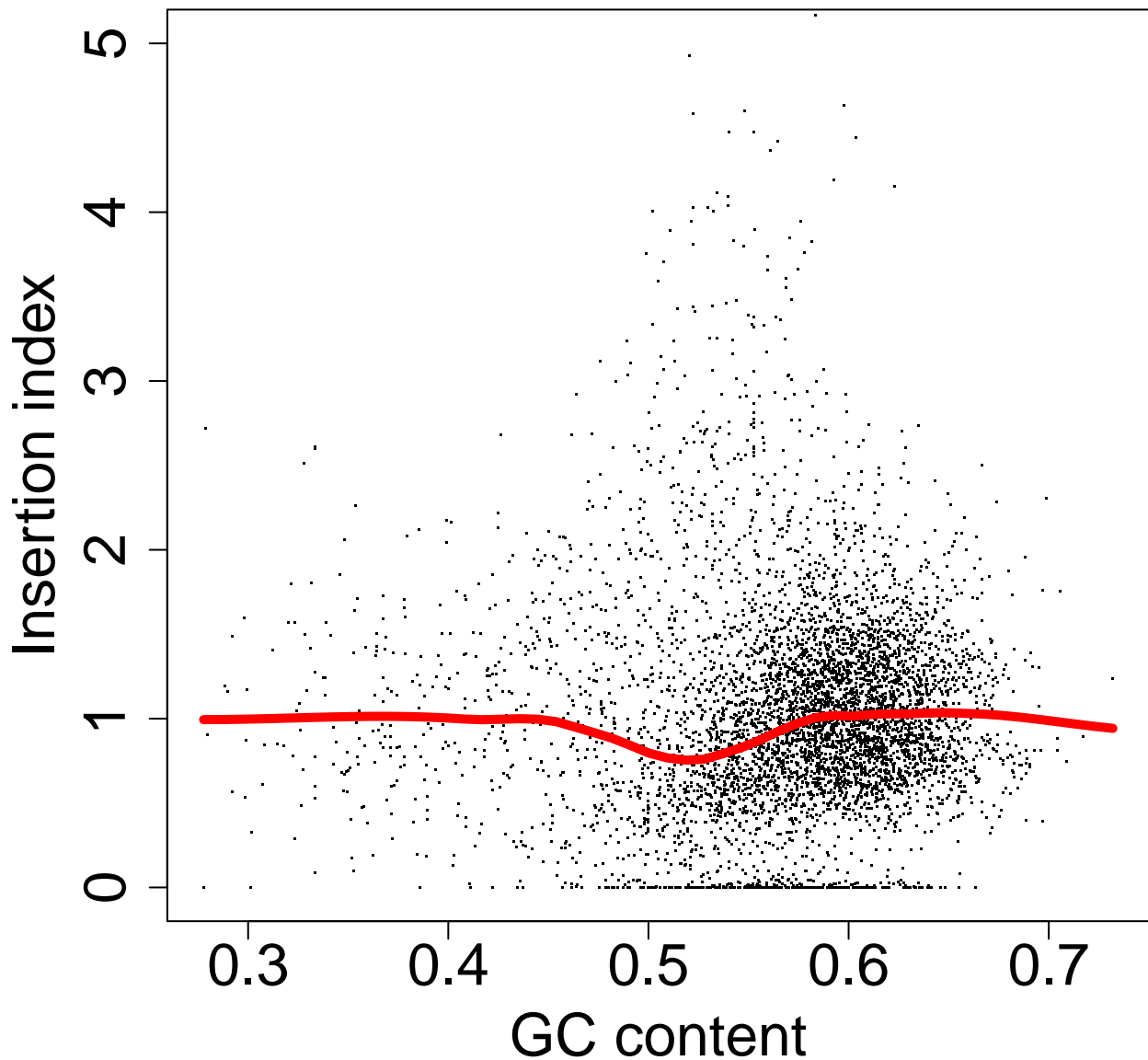
# GC bias – *Klebsiella pneumoniae* RH2012



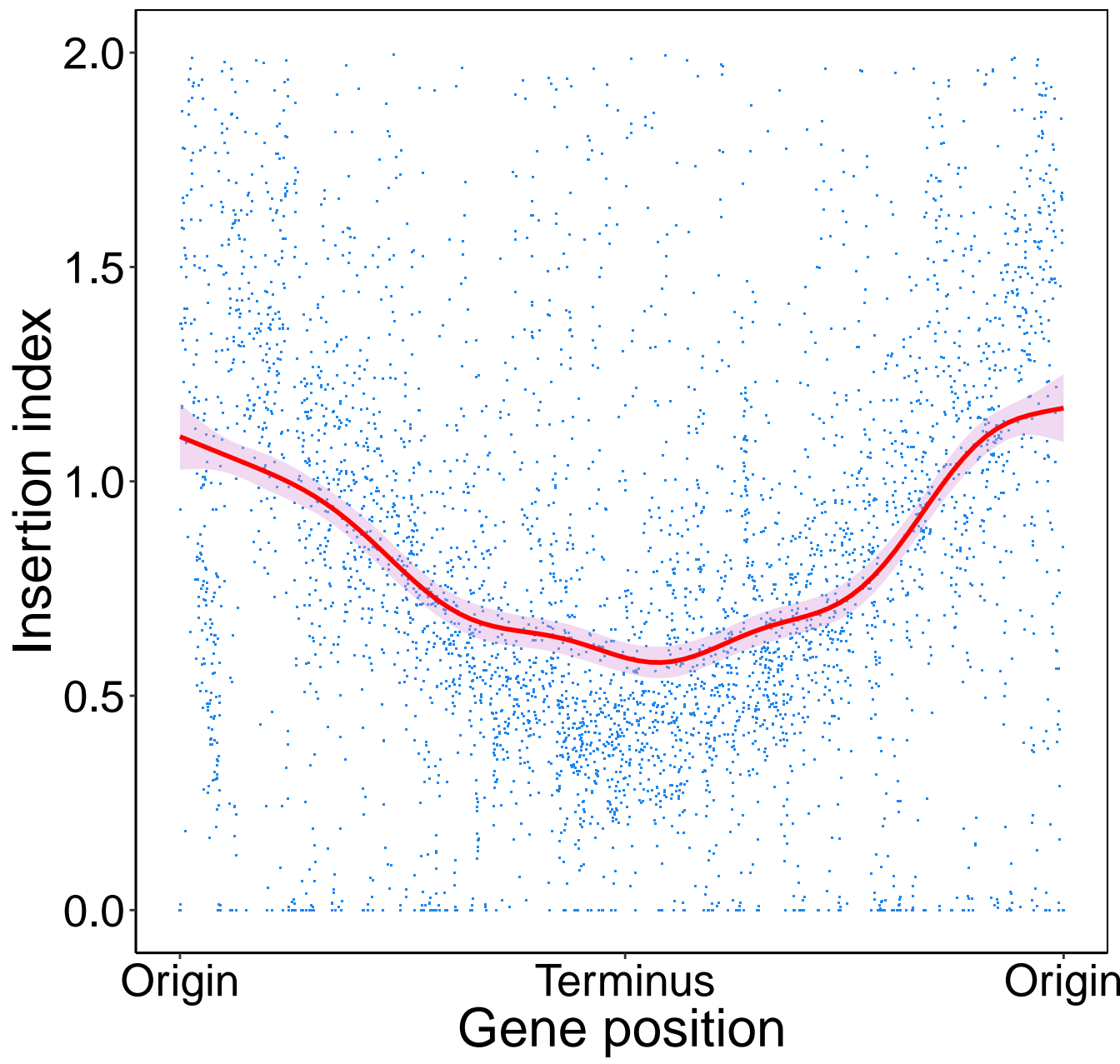
# *Streptococcus pneumoniae* RH201207 – normalised c



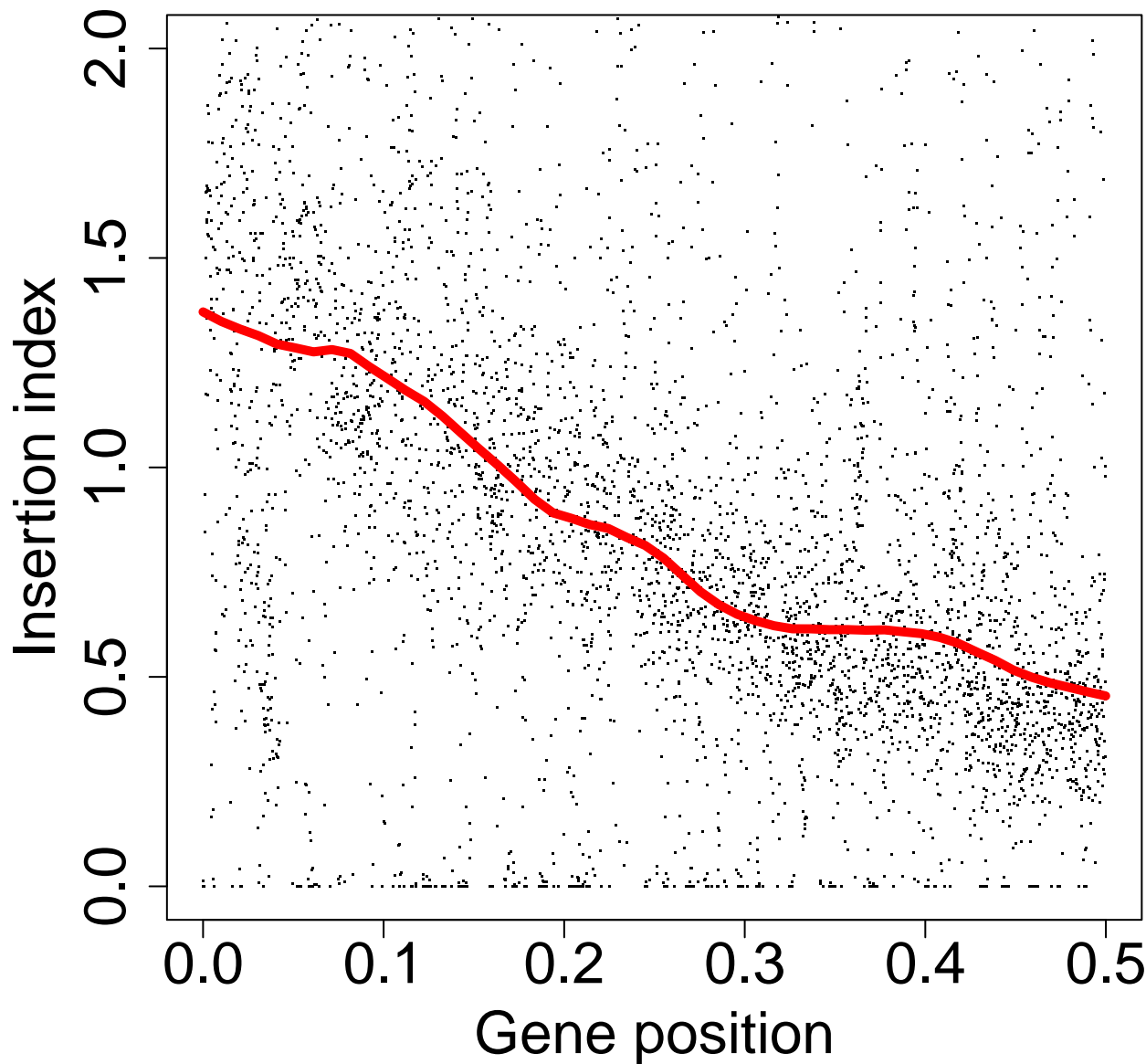
# *Lebsiella pneumoniae* RH201207 – normalise



# Distance bias – *Escherichia coli* UPEC

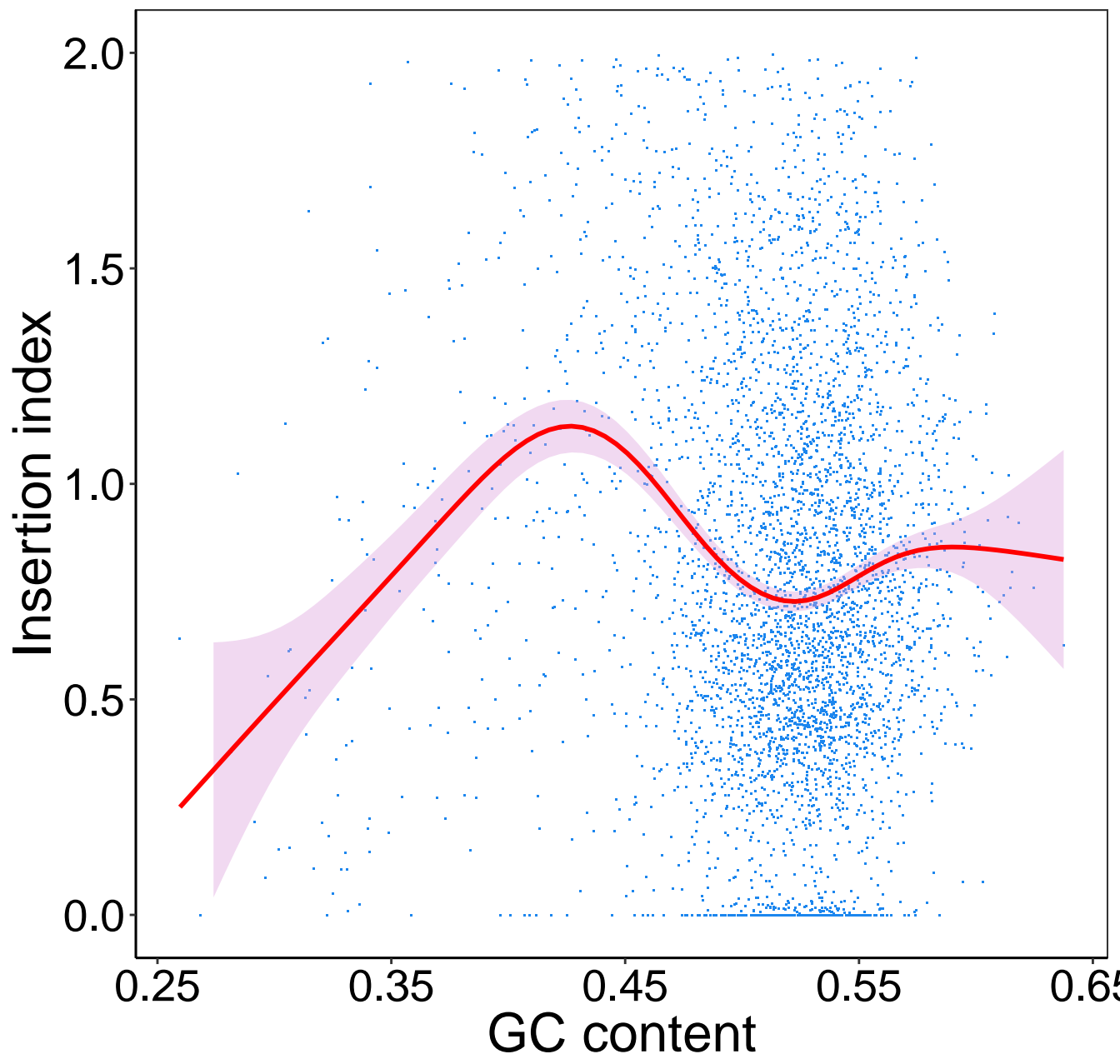


# Distance bias – *Escherichia coli* UPEC

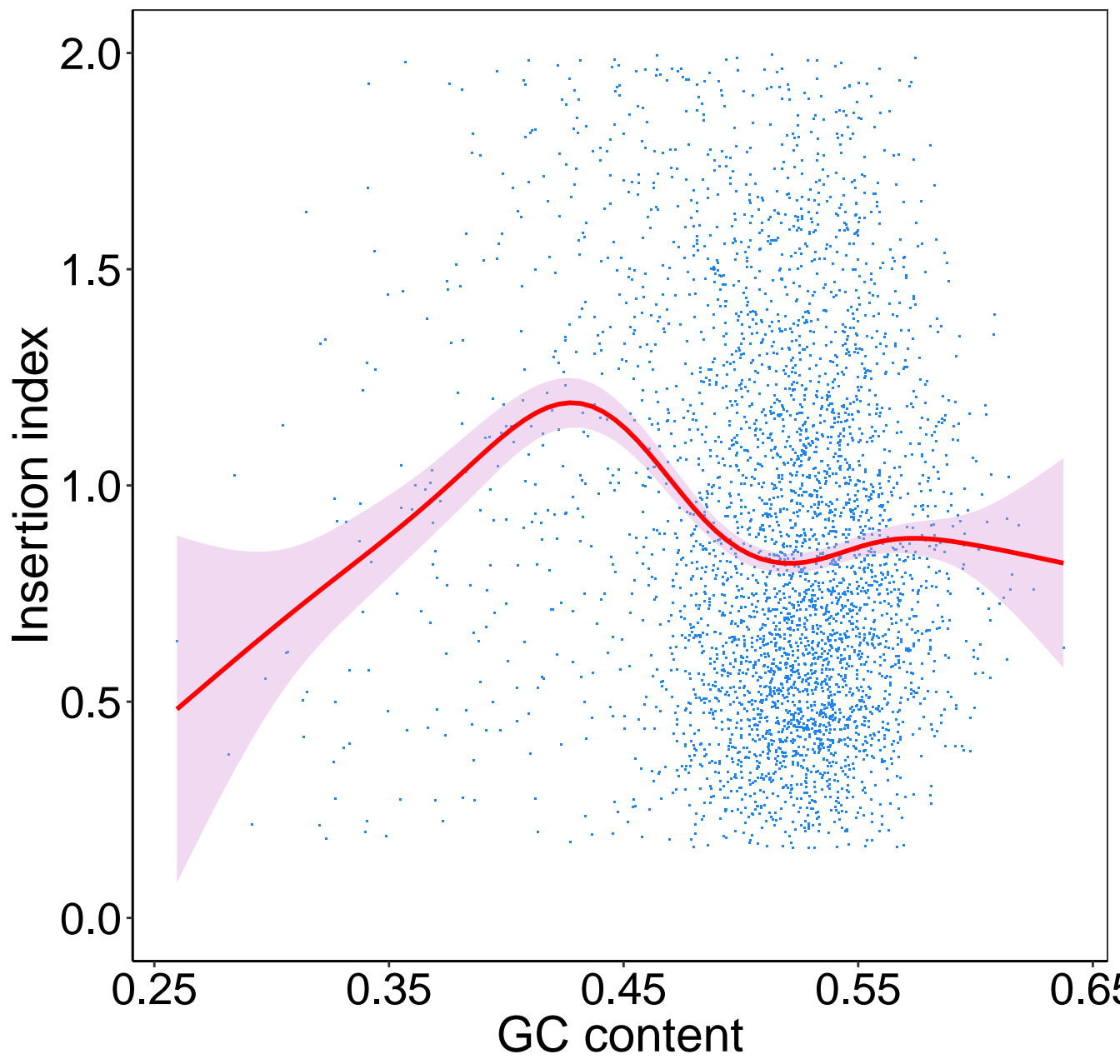




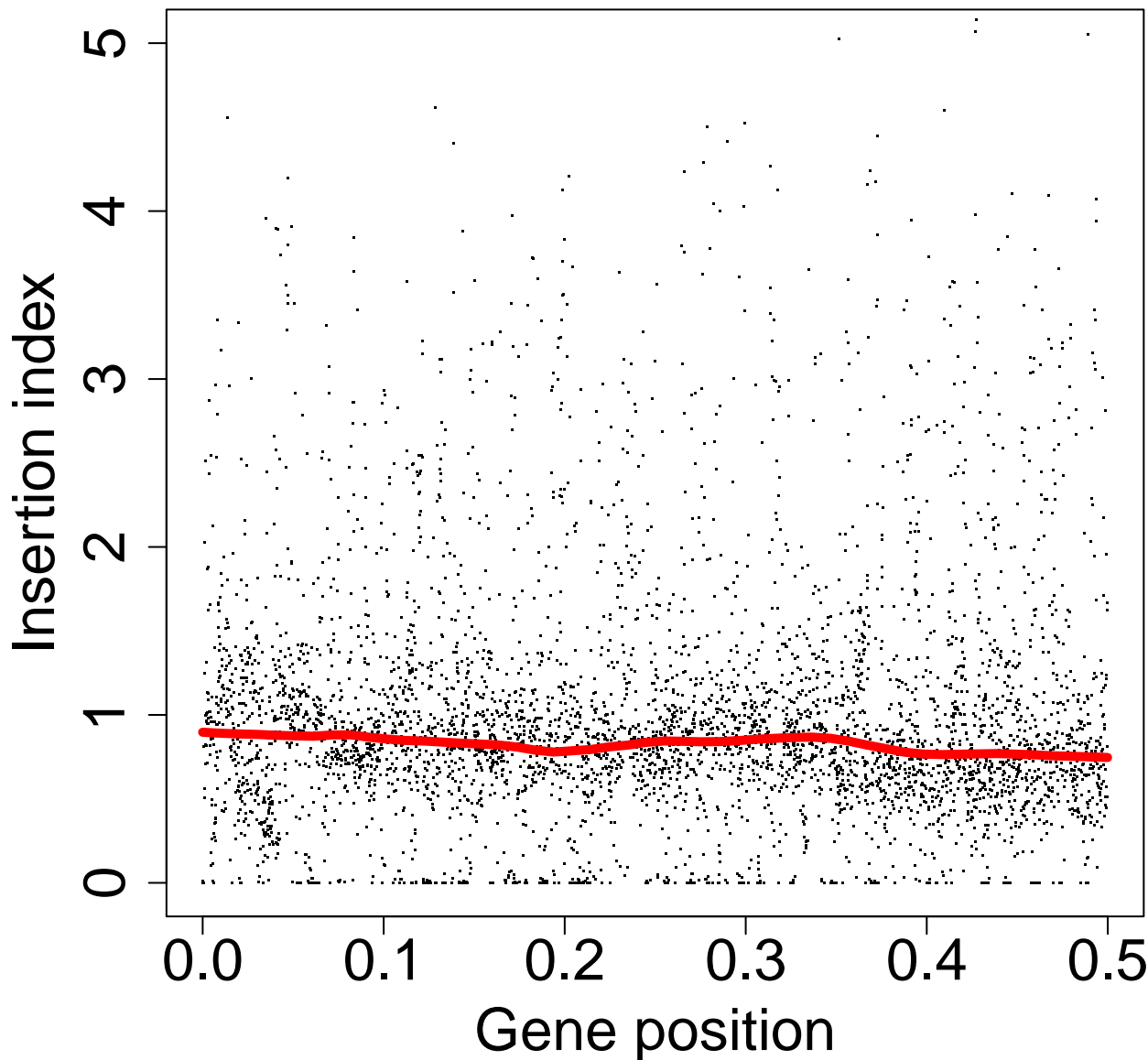
# GC bias – *Escherichia coli* UPEC



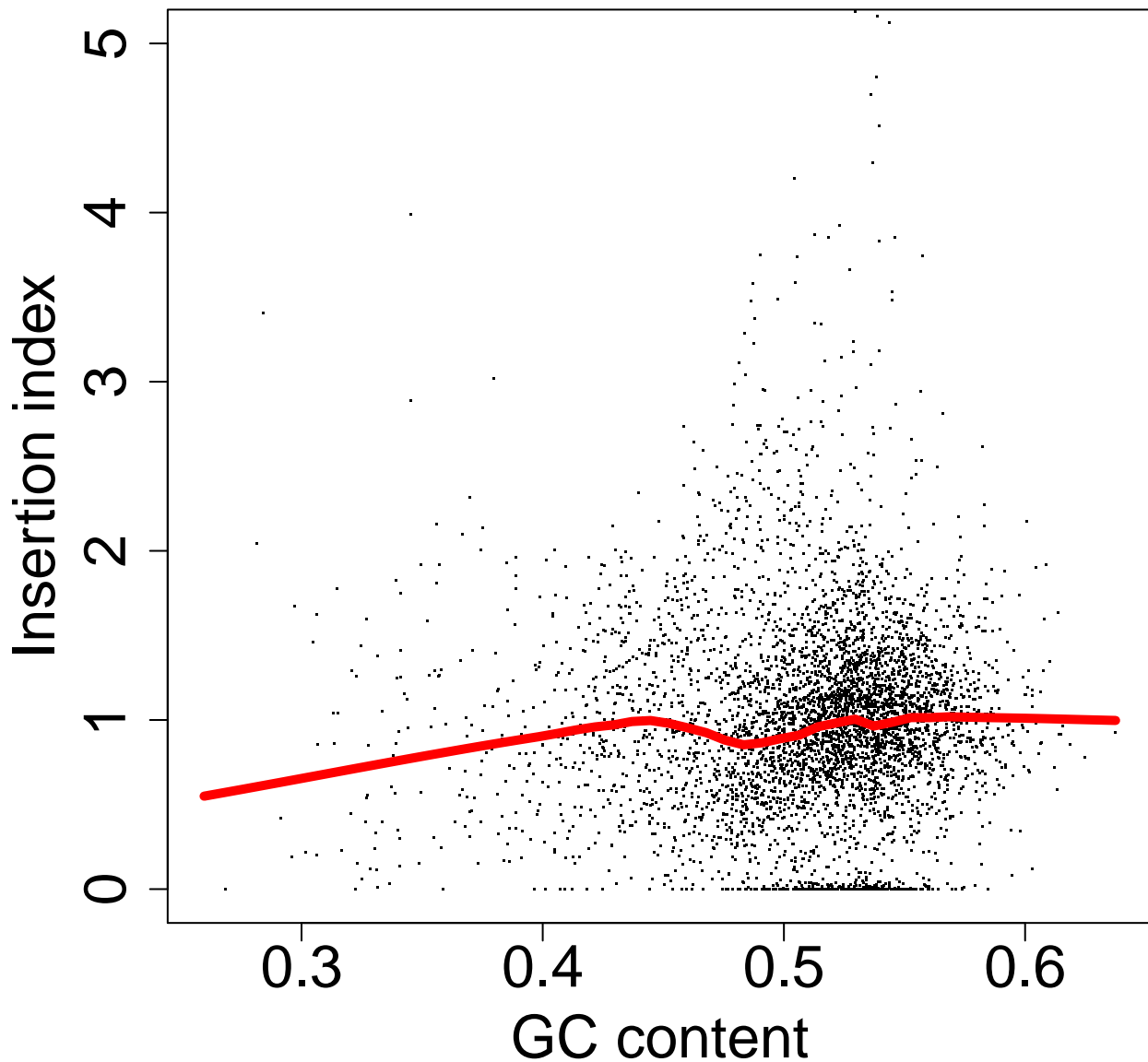
# GC bias – *Escherichia coli* UPEC



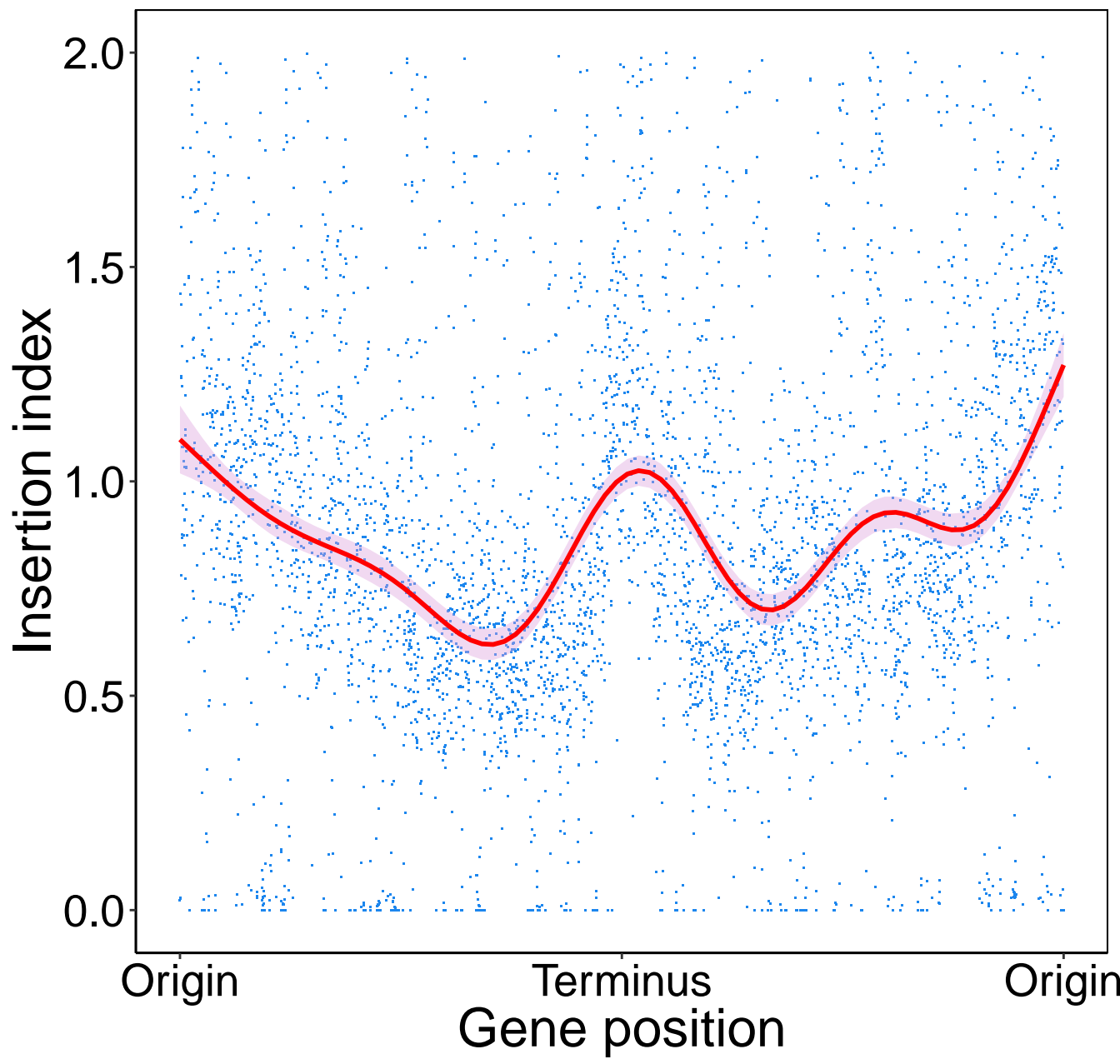
# Escherichia coli UPEC – normalised distan



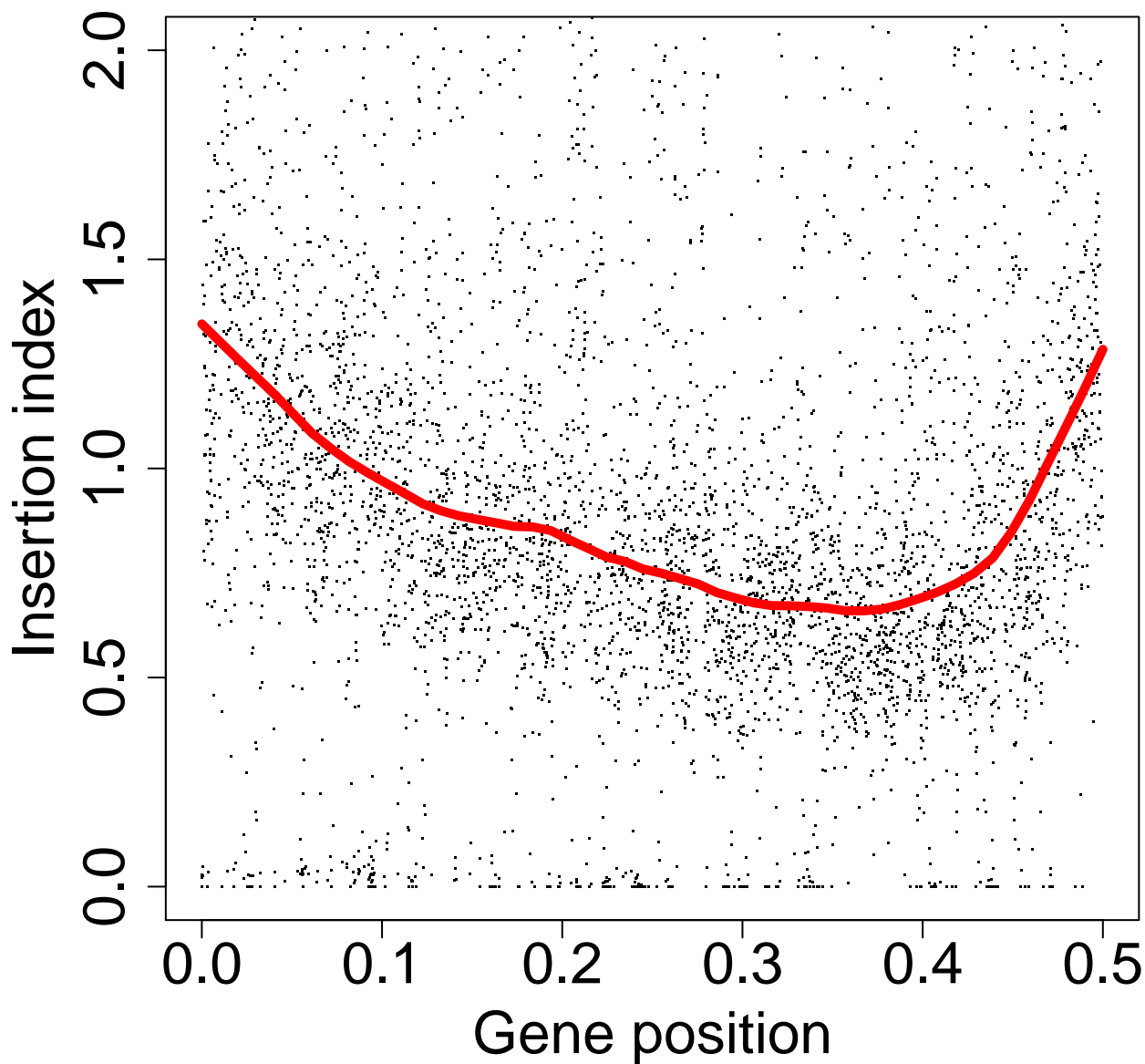
# Escherichia coli UPEC – normalised GC



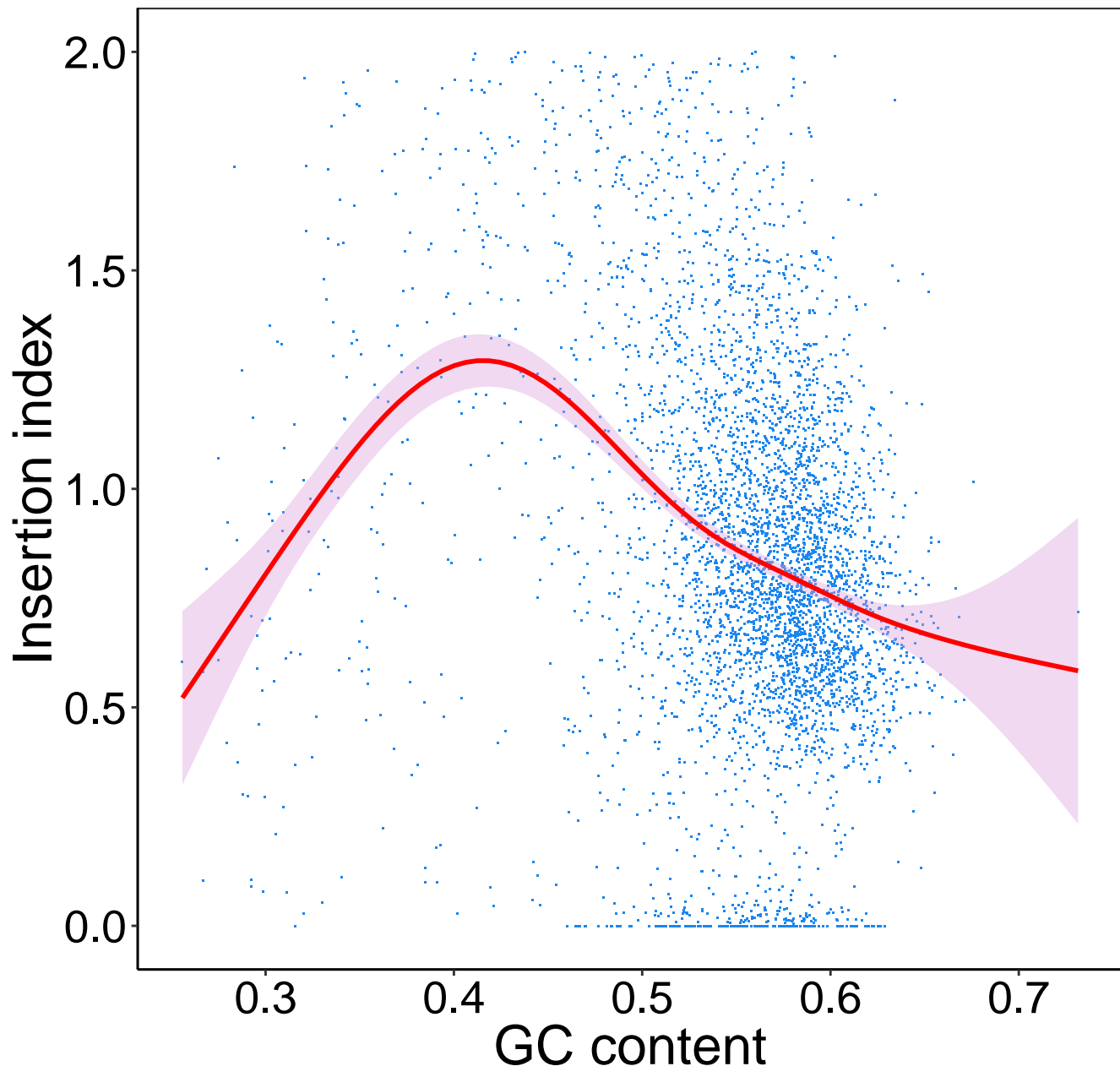
# Distance bias – Citrobacter



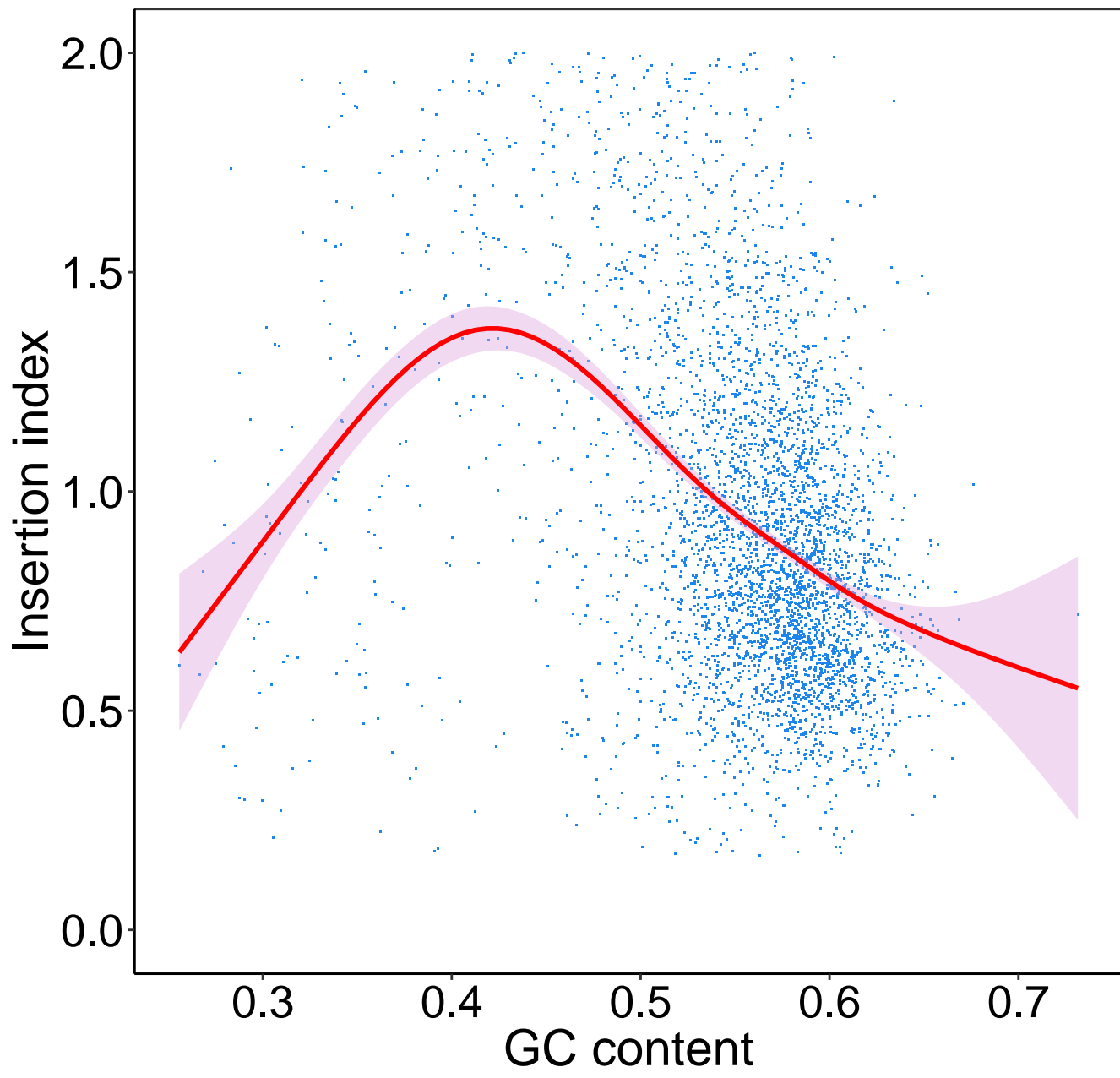
# Distance bias – Citrobacter



# GC bias – Citrobacter

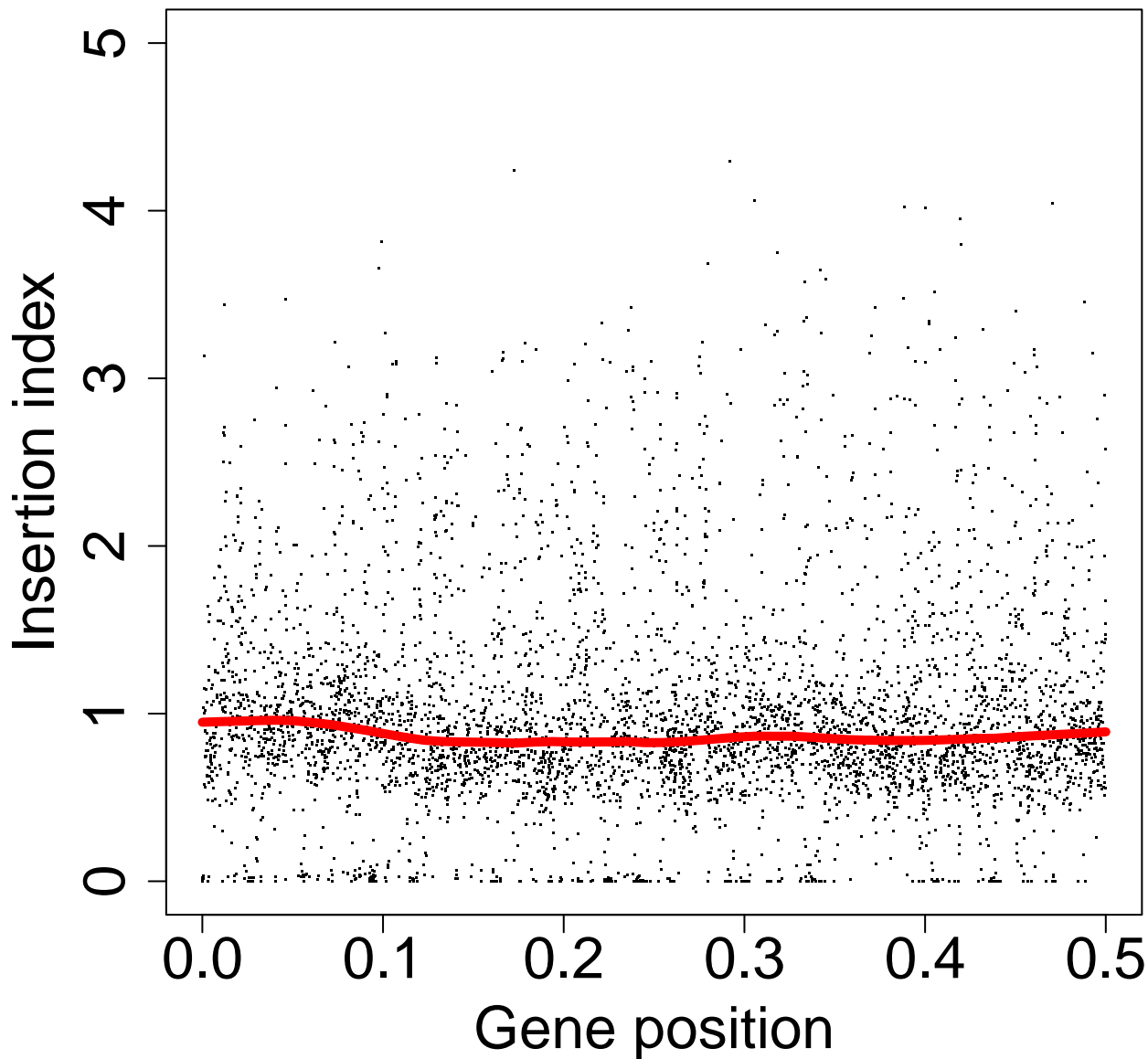


# GC bias – *Citrobacter*

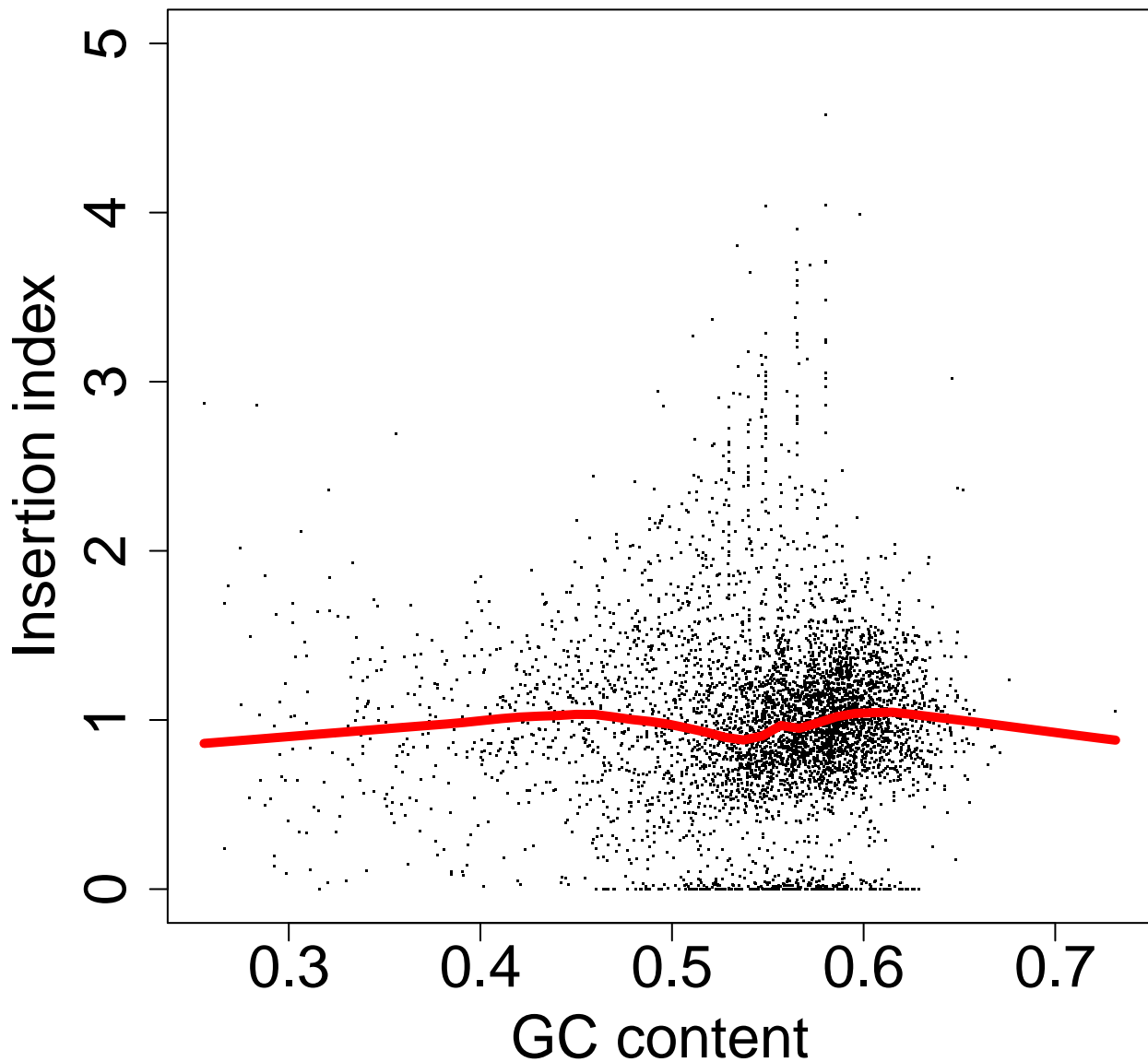




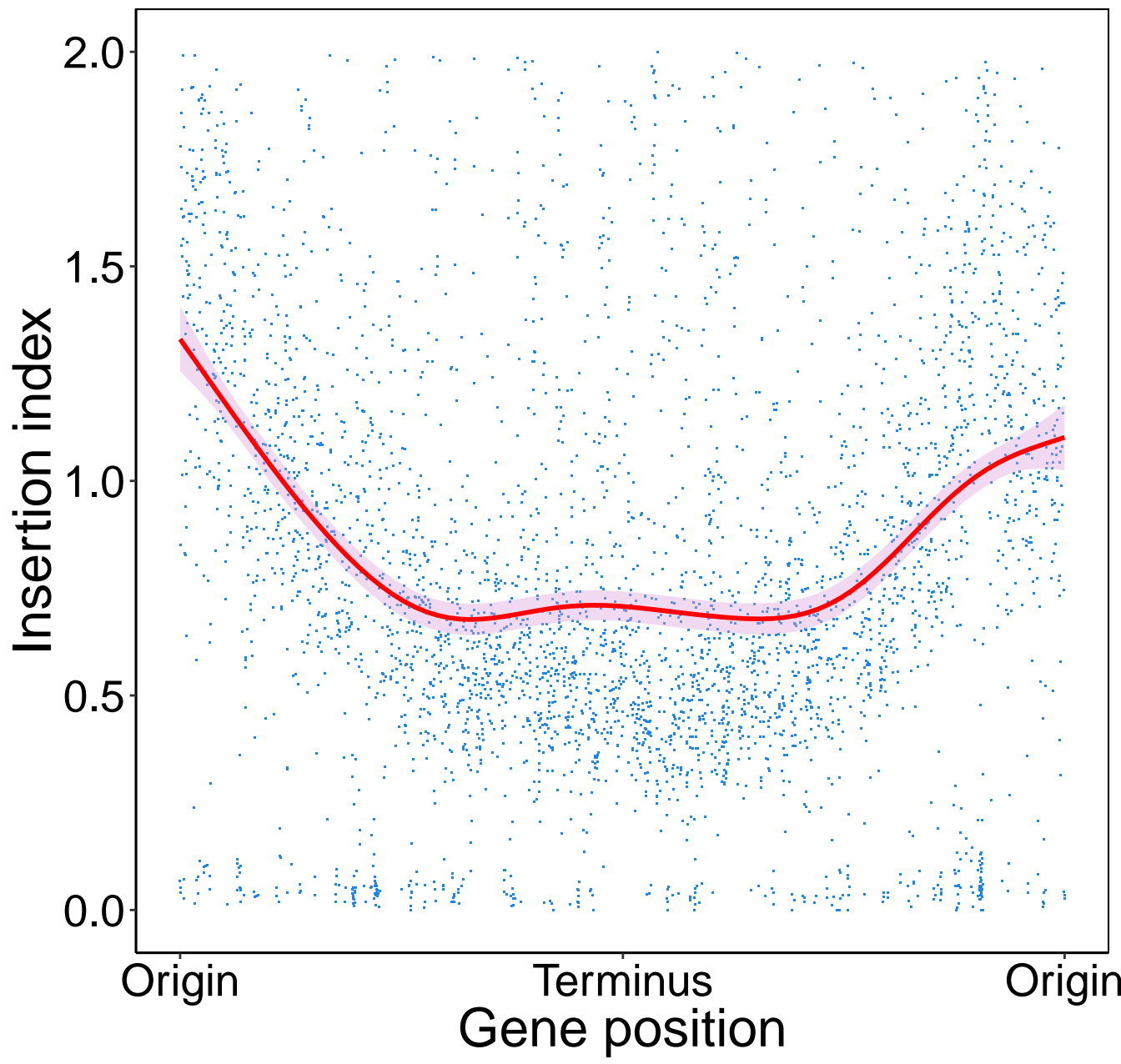
# Citrobacter – normalised distance



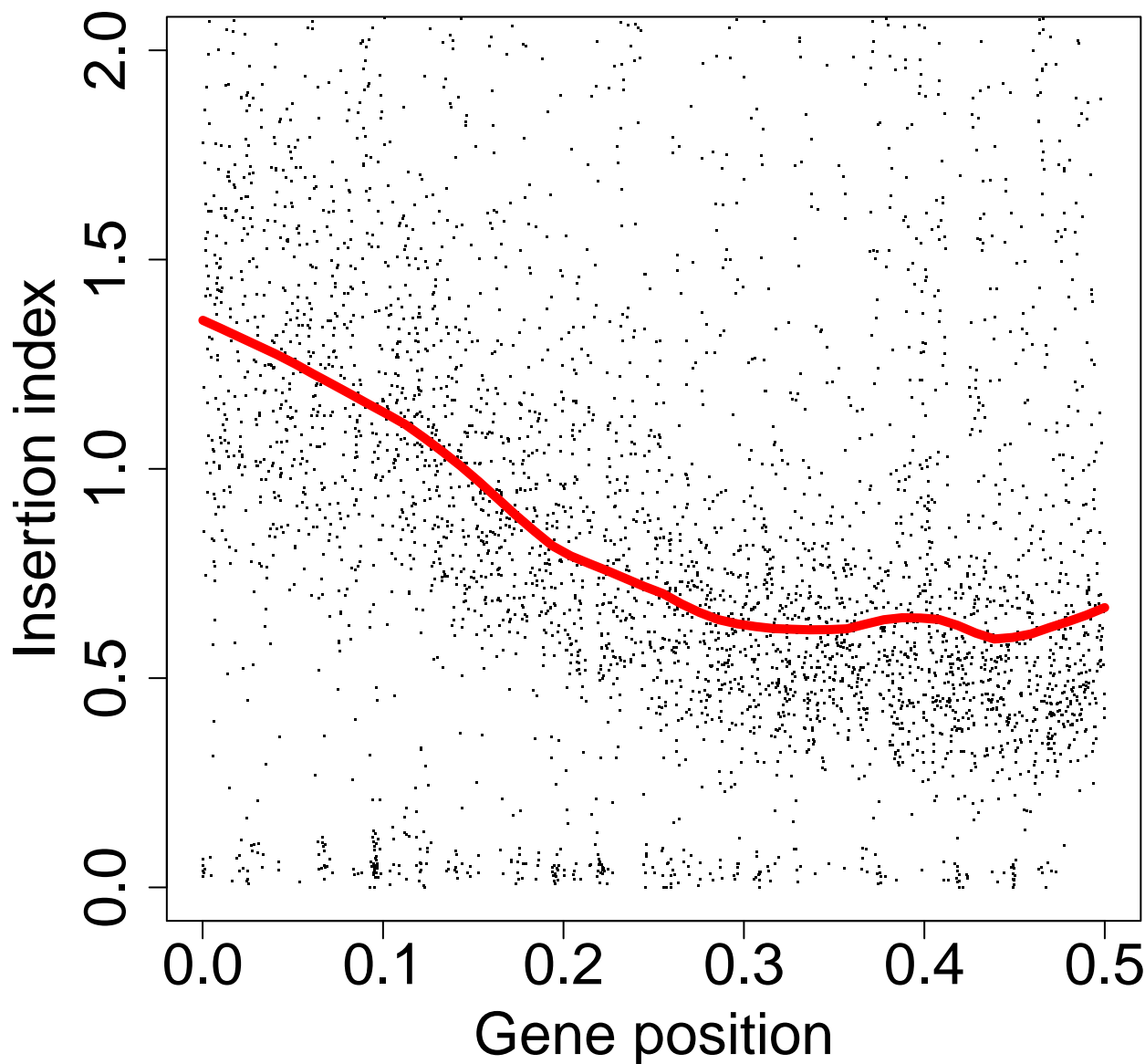
# Citrobacter – normalised GC



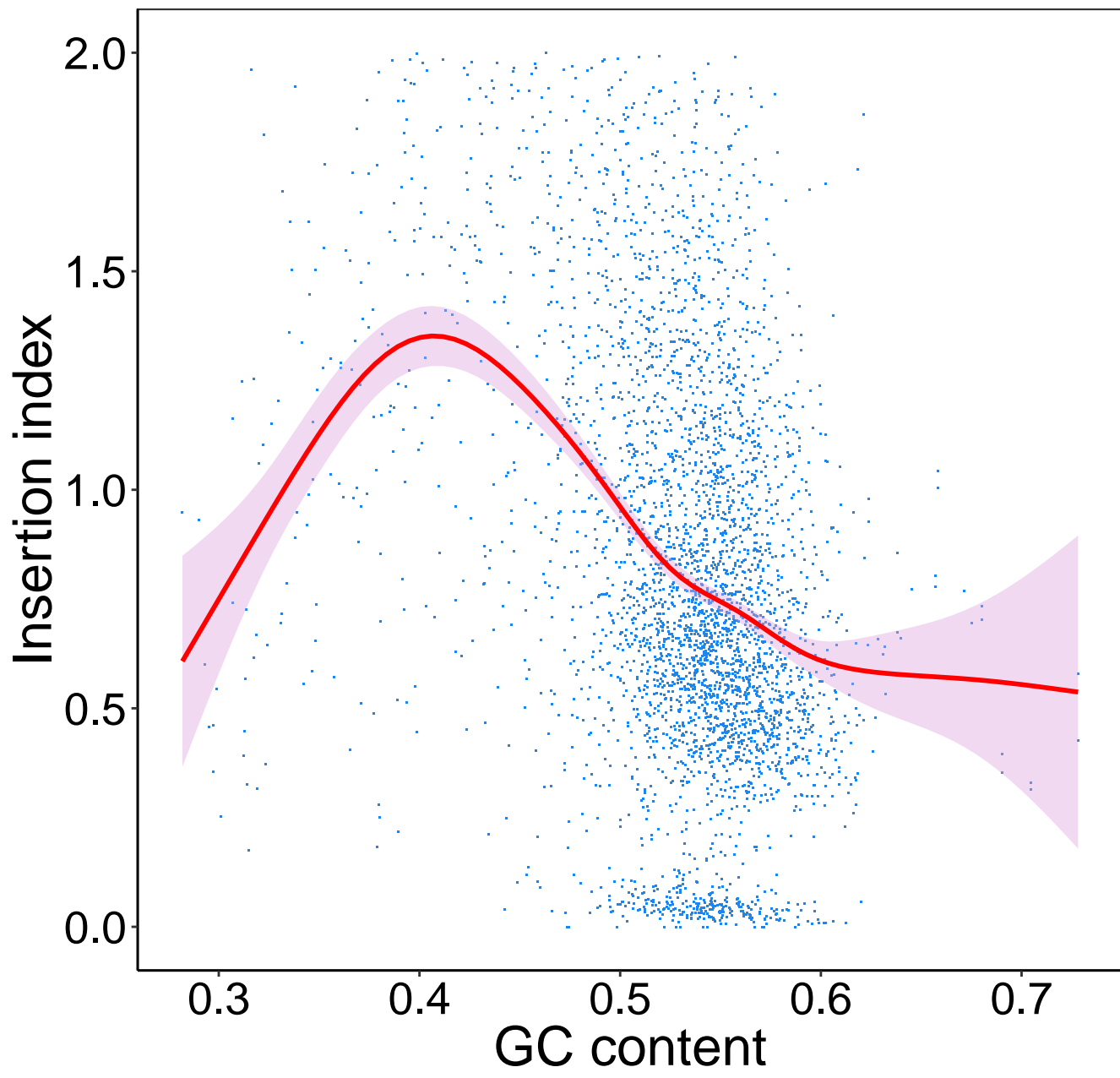
# Distance bias – *Salmonella enteritidis*



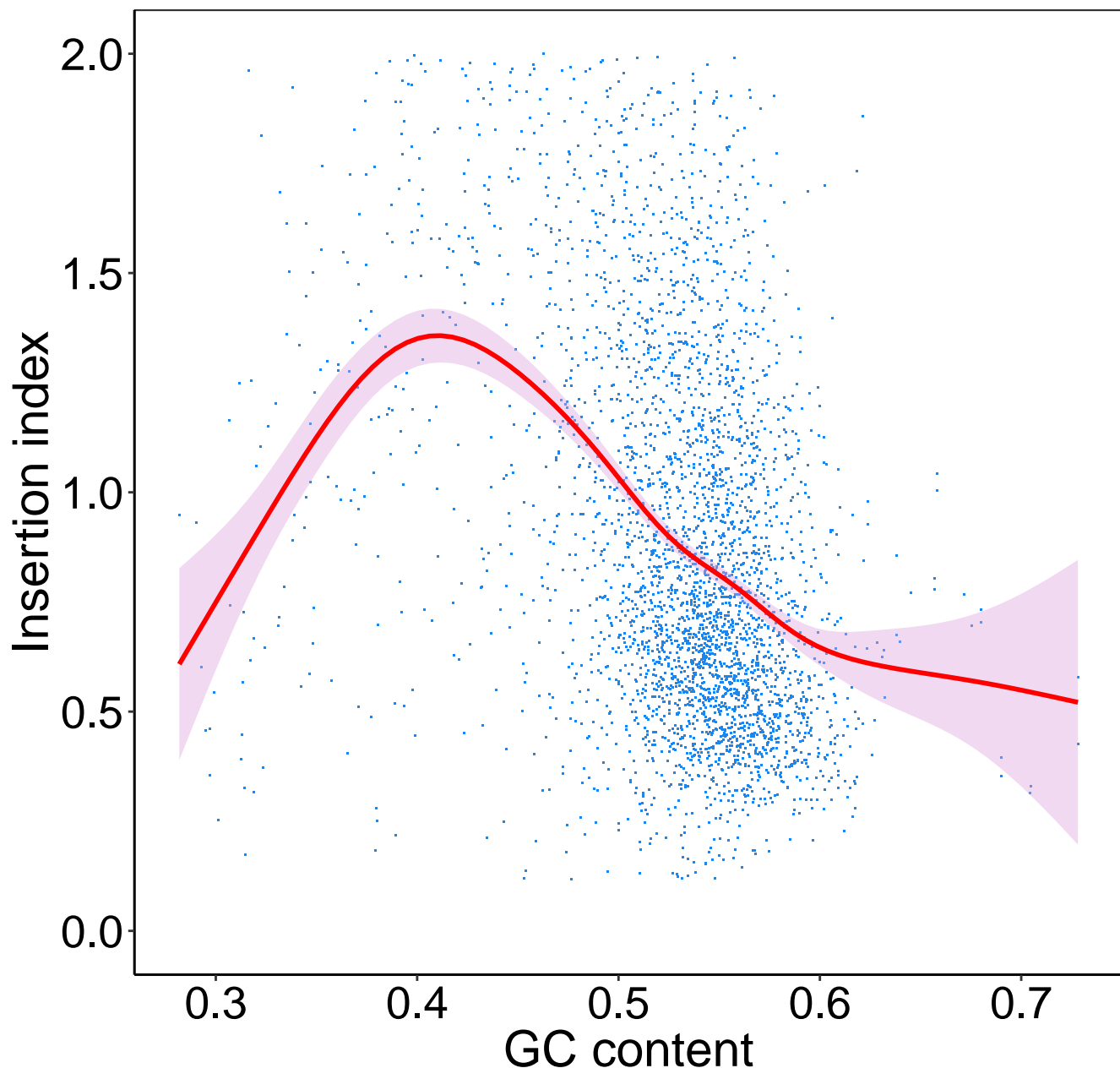
# Distance bias – *Salmonella enteritidis*



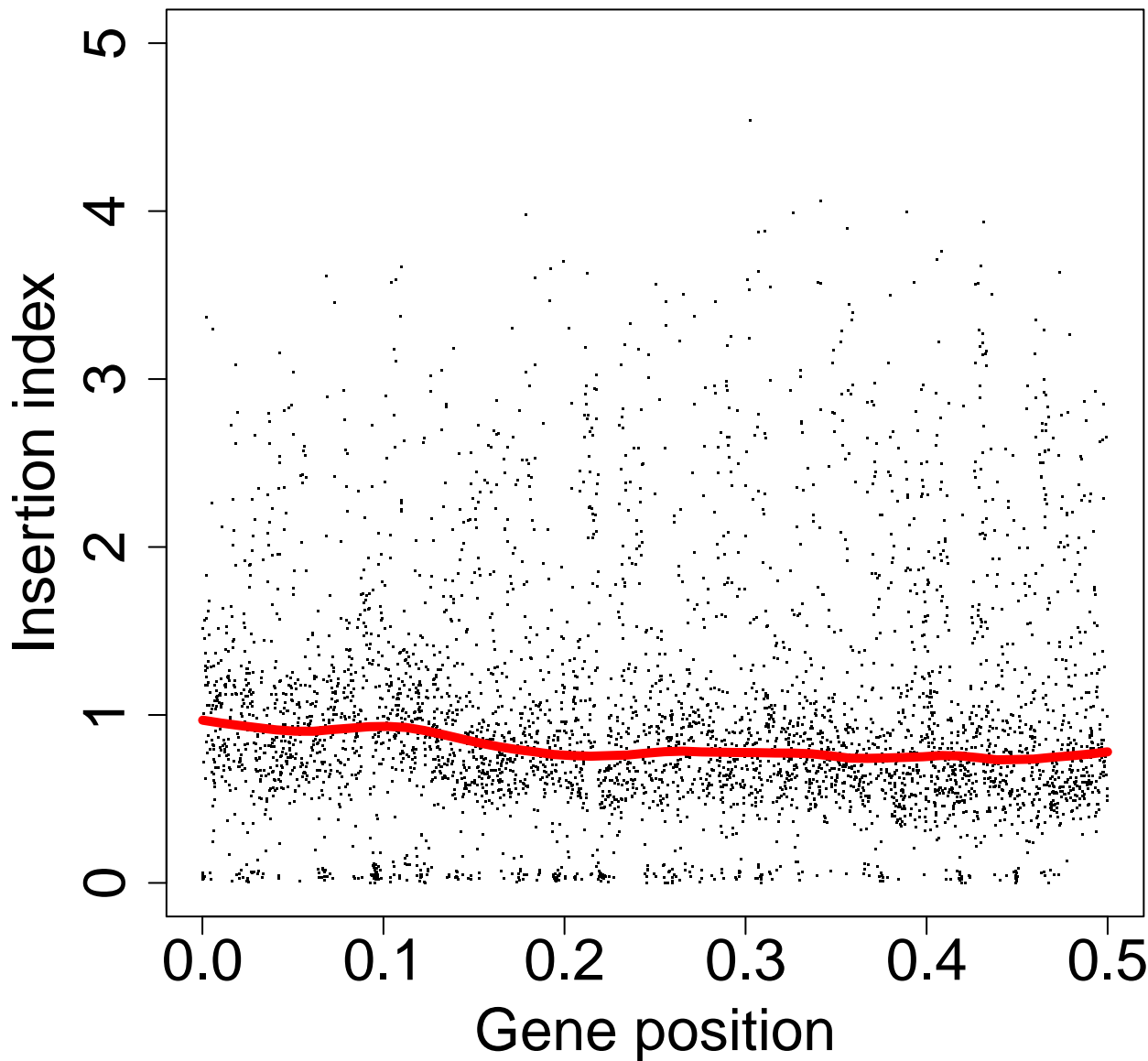
# GC bias – *Salmonella enteritidis*



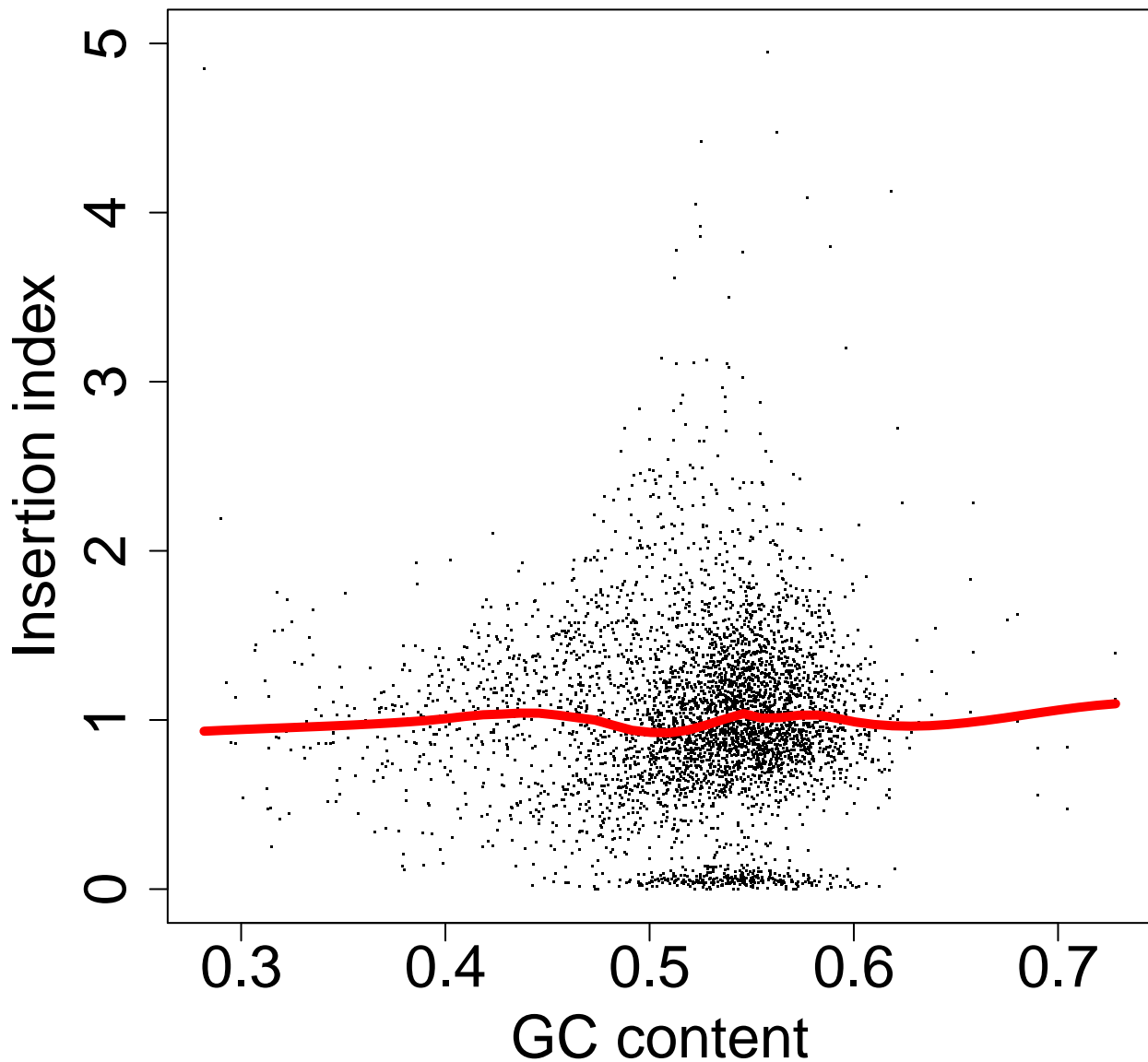
# GC bias – *Salmonella enteritidis*



# Salmonella enteritidis – normalised distance

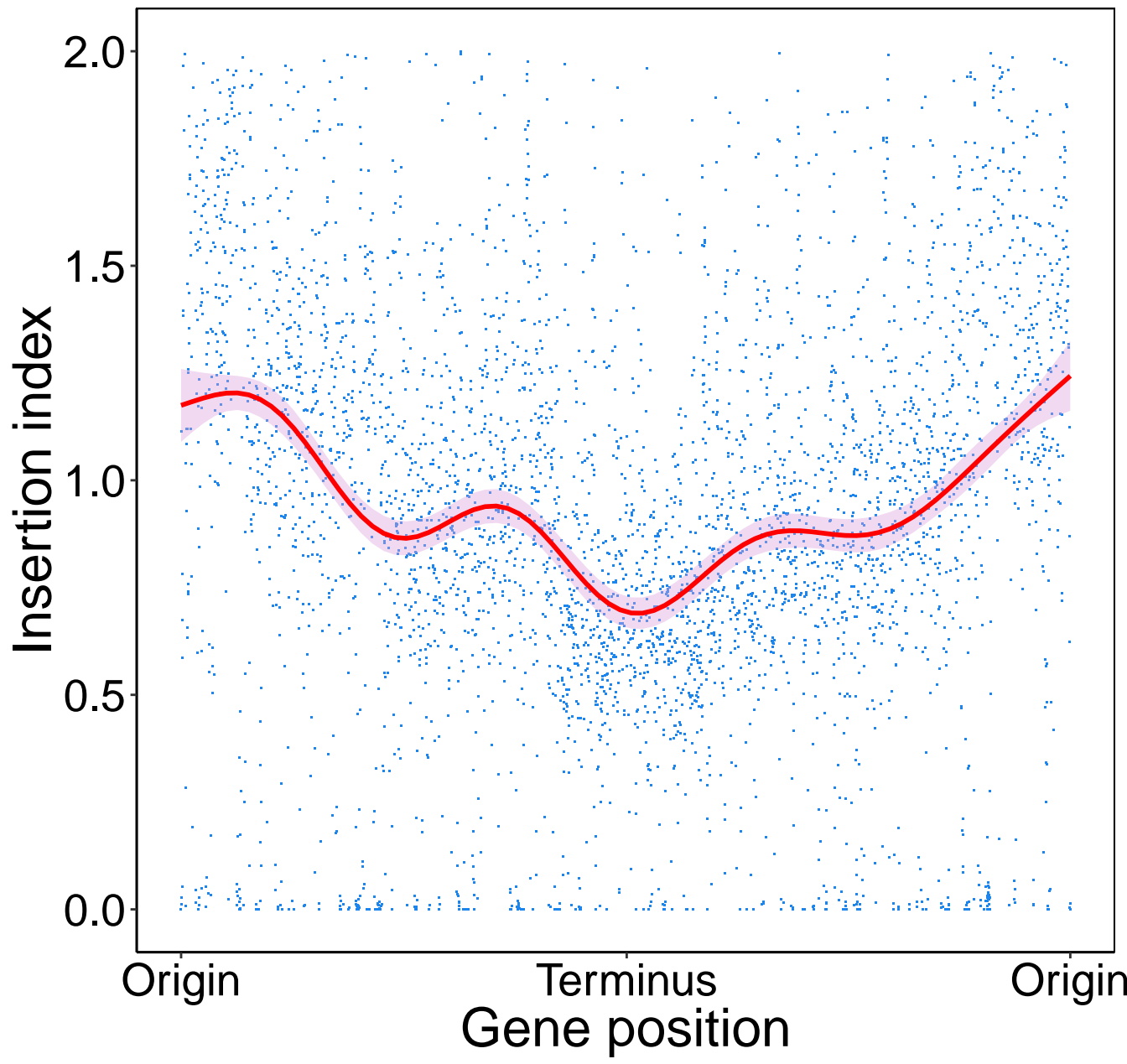


# Salmonella enteritidis – normalised GC

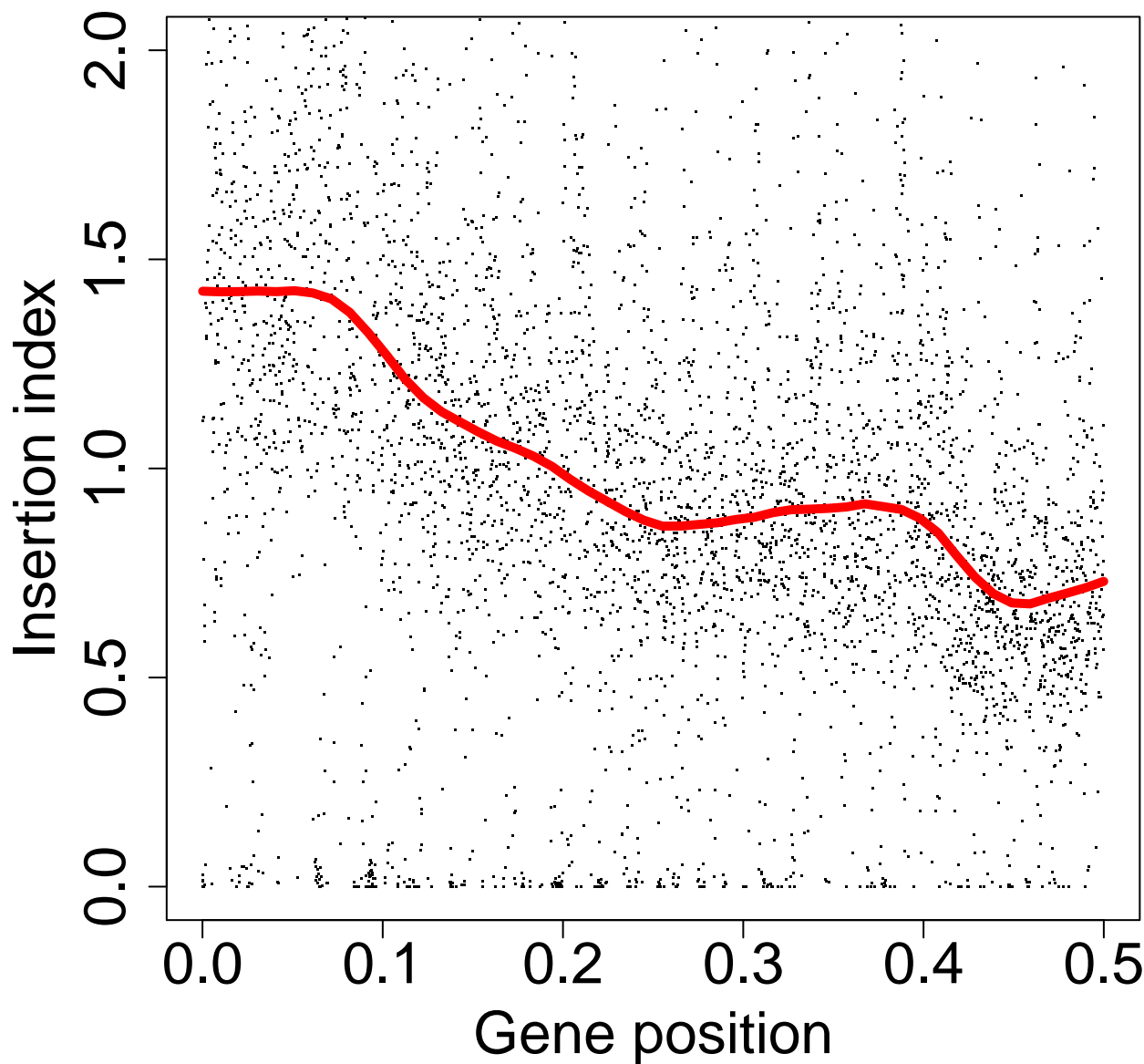




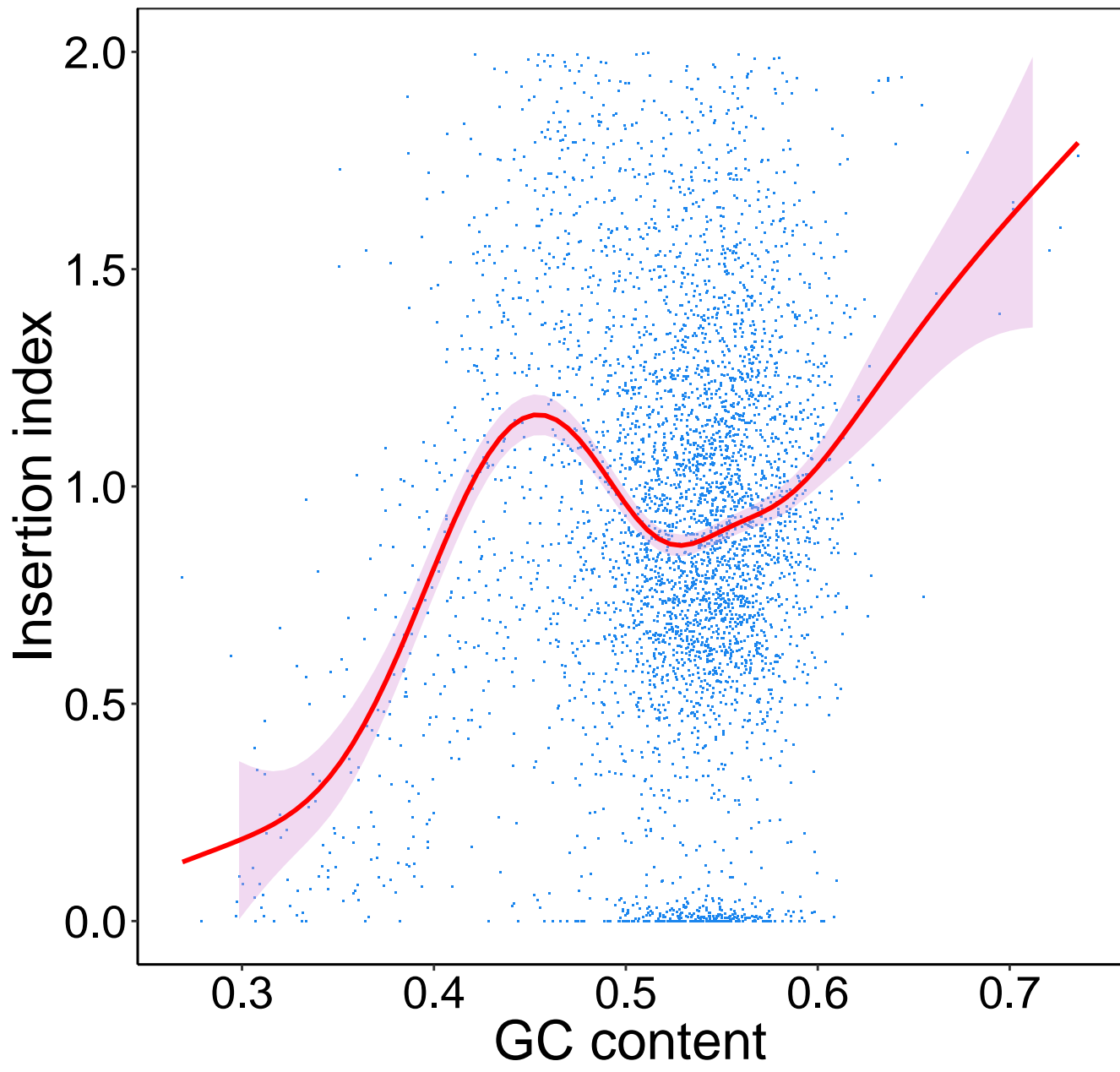
# Distance bias – *Salmonella typhimurium* SL



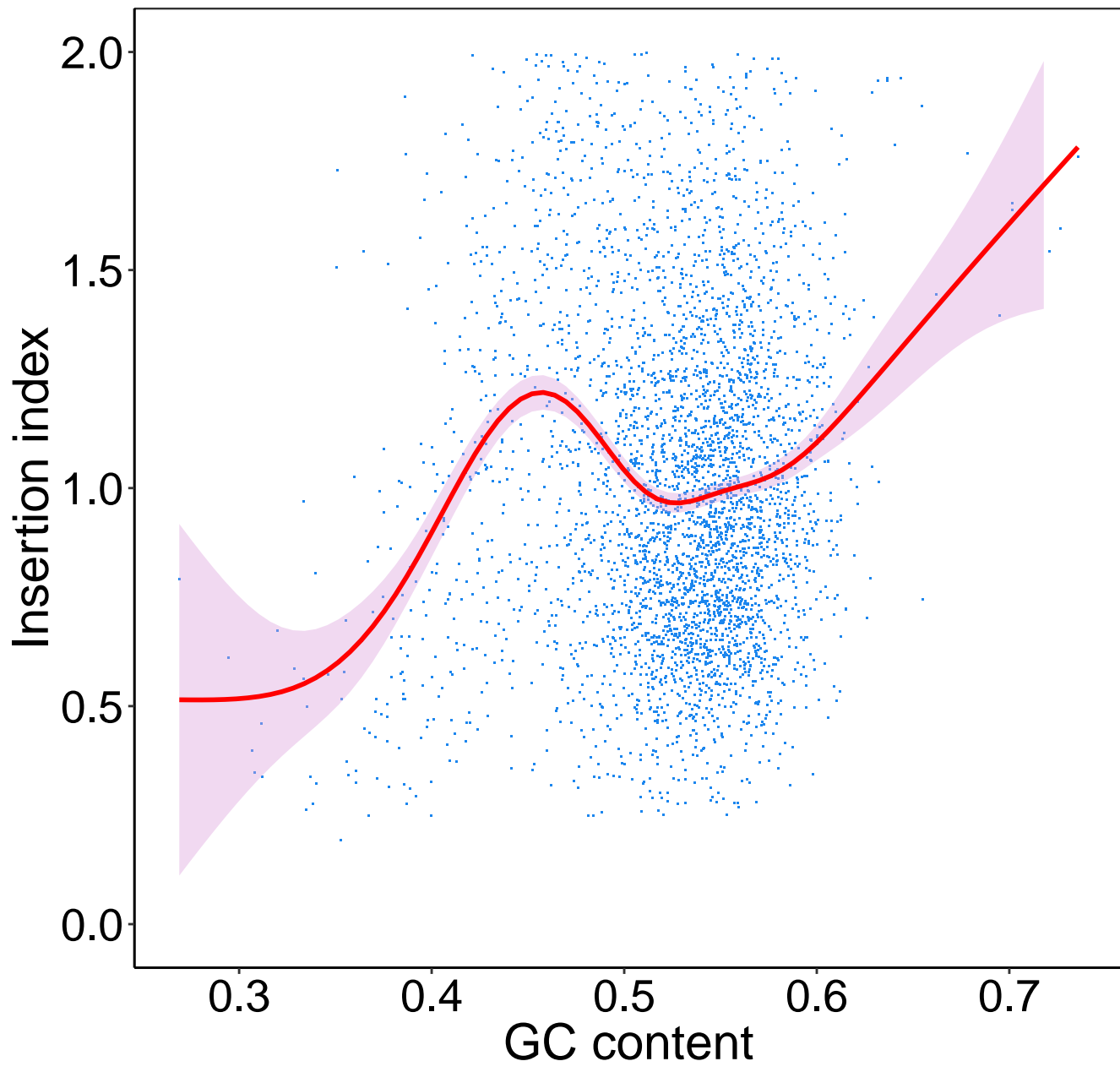
# Distance bias – *Salmonella typhimurium* SL1



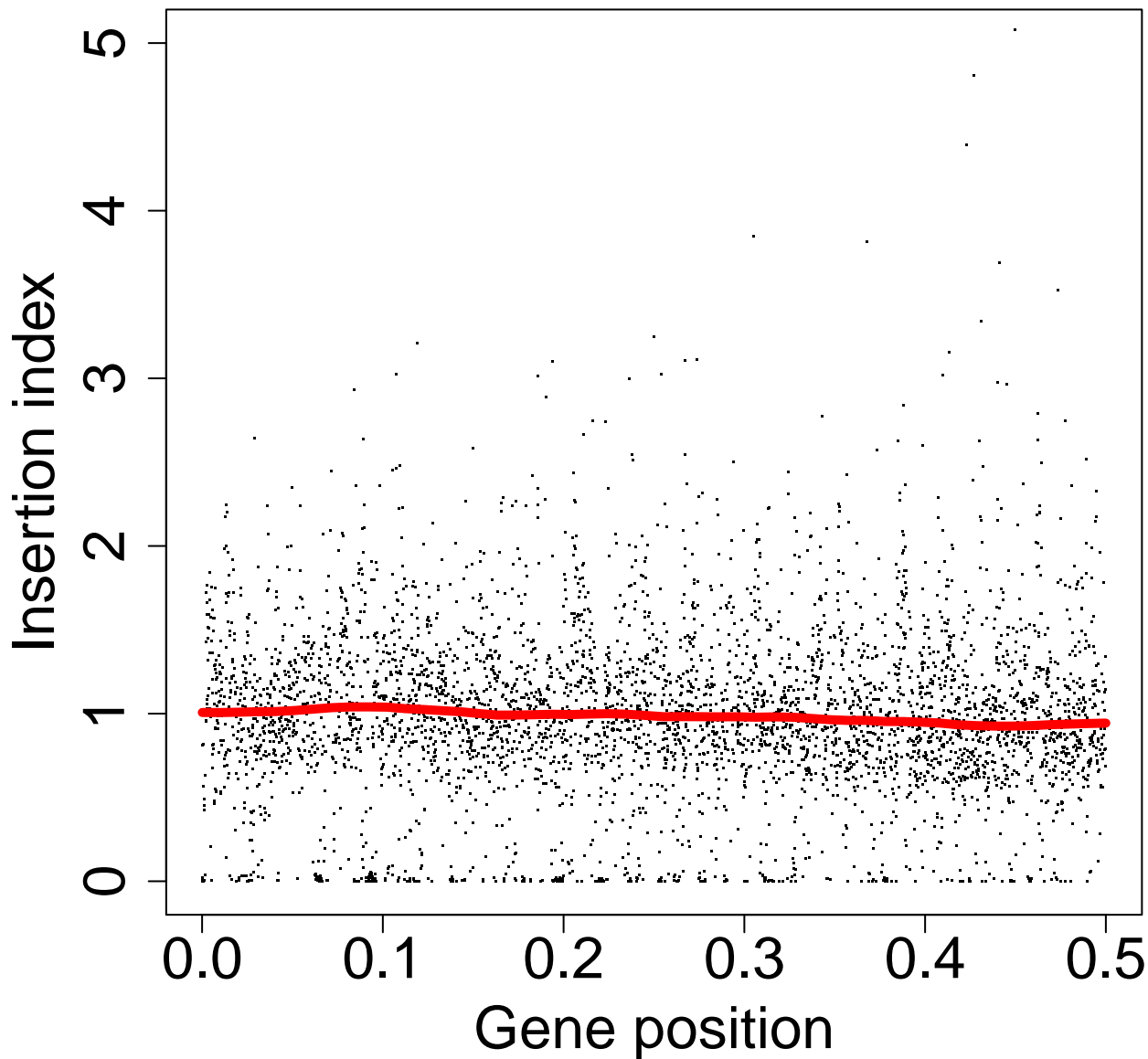
# GC bias – *Salmonella typhimurium* SL1344



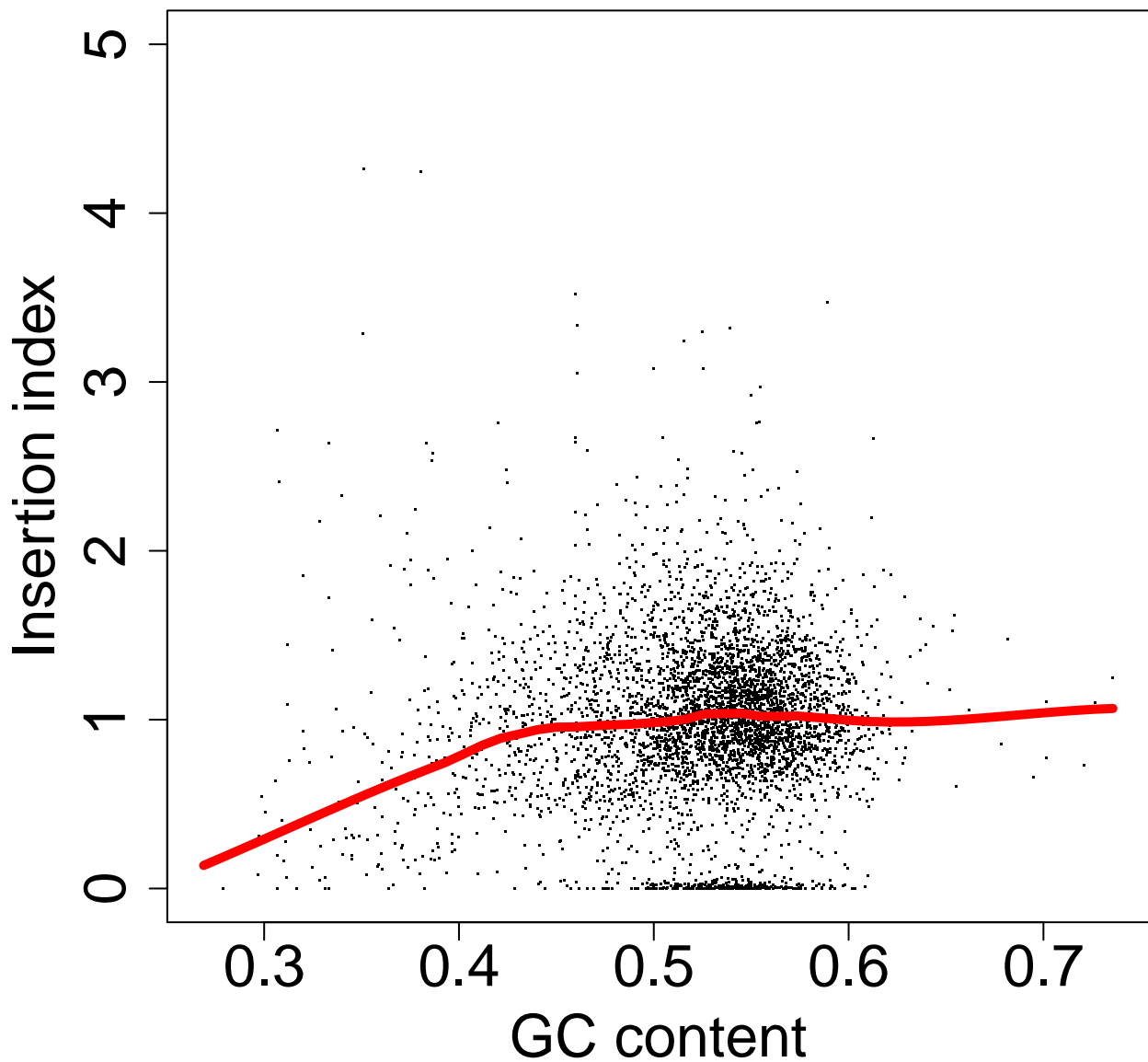
# GC bias – *Salmonella typhimurium* SL134



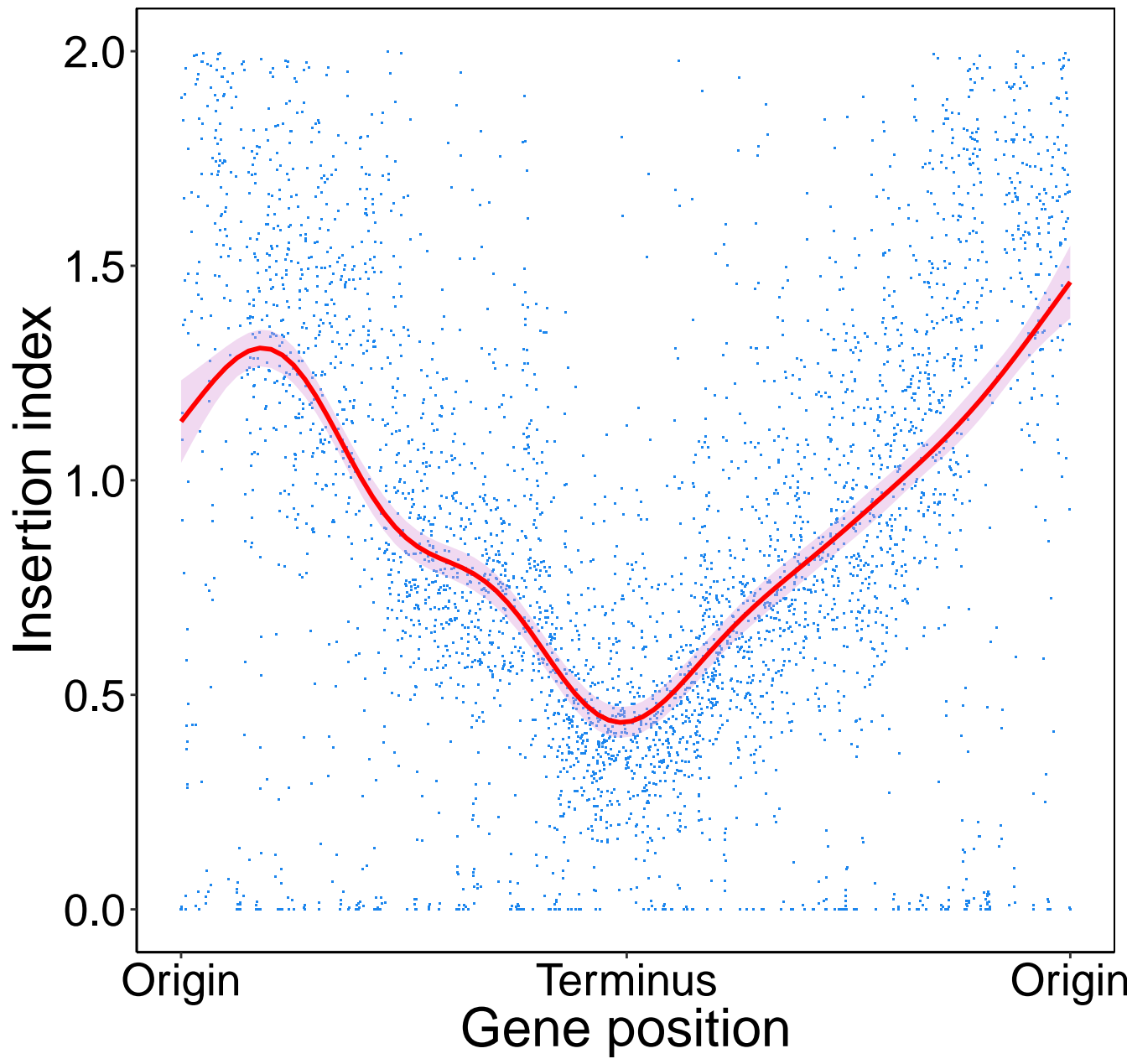
# monella typhimurium SL1344 – normalised d



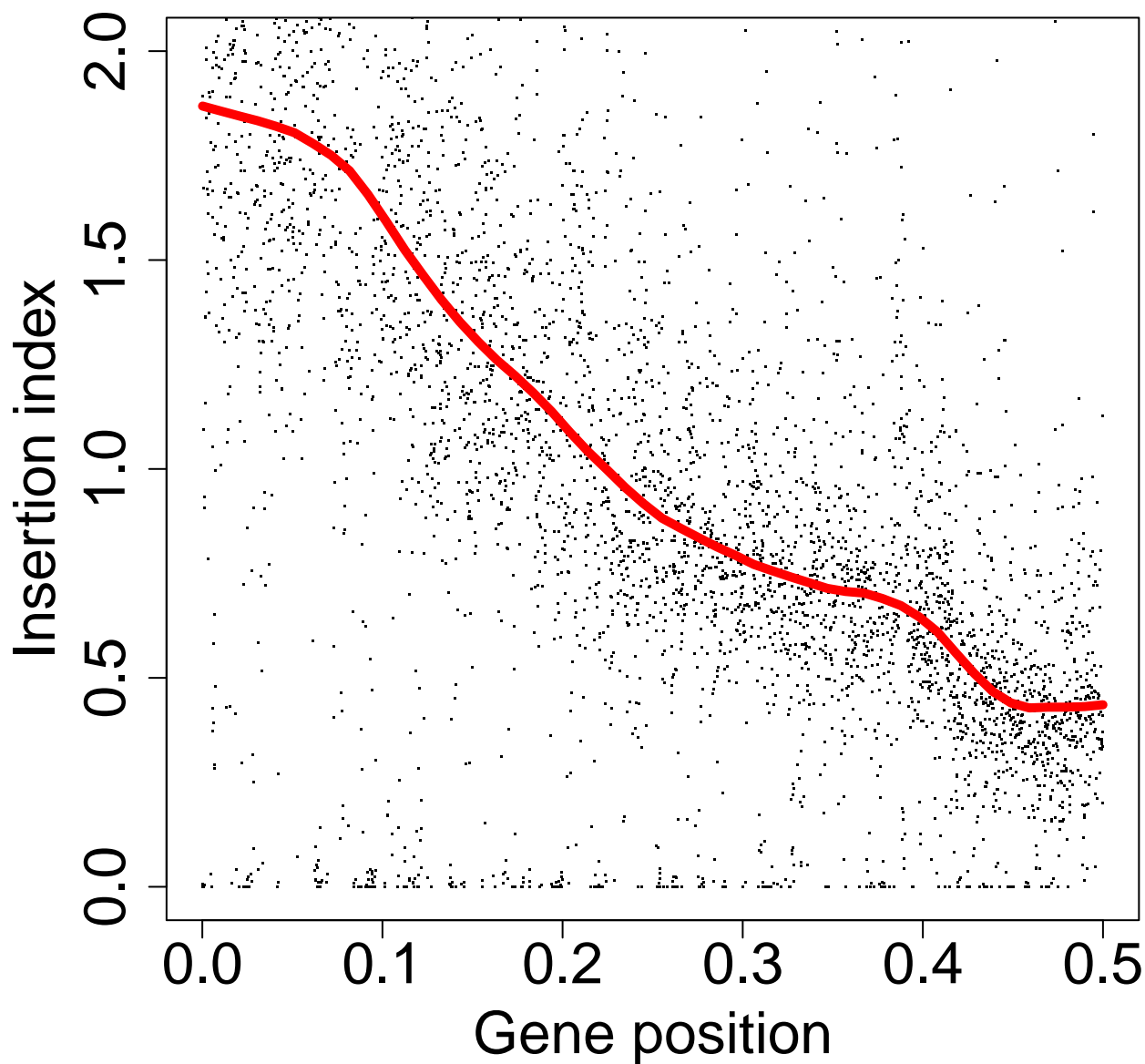
# Salmonella typhimurium SL1344 – normalised



# Distance bias – *Salmonella typhimurium* SL1344

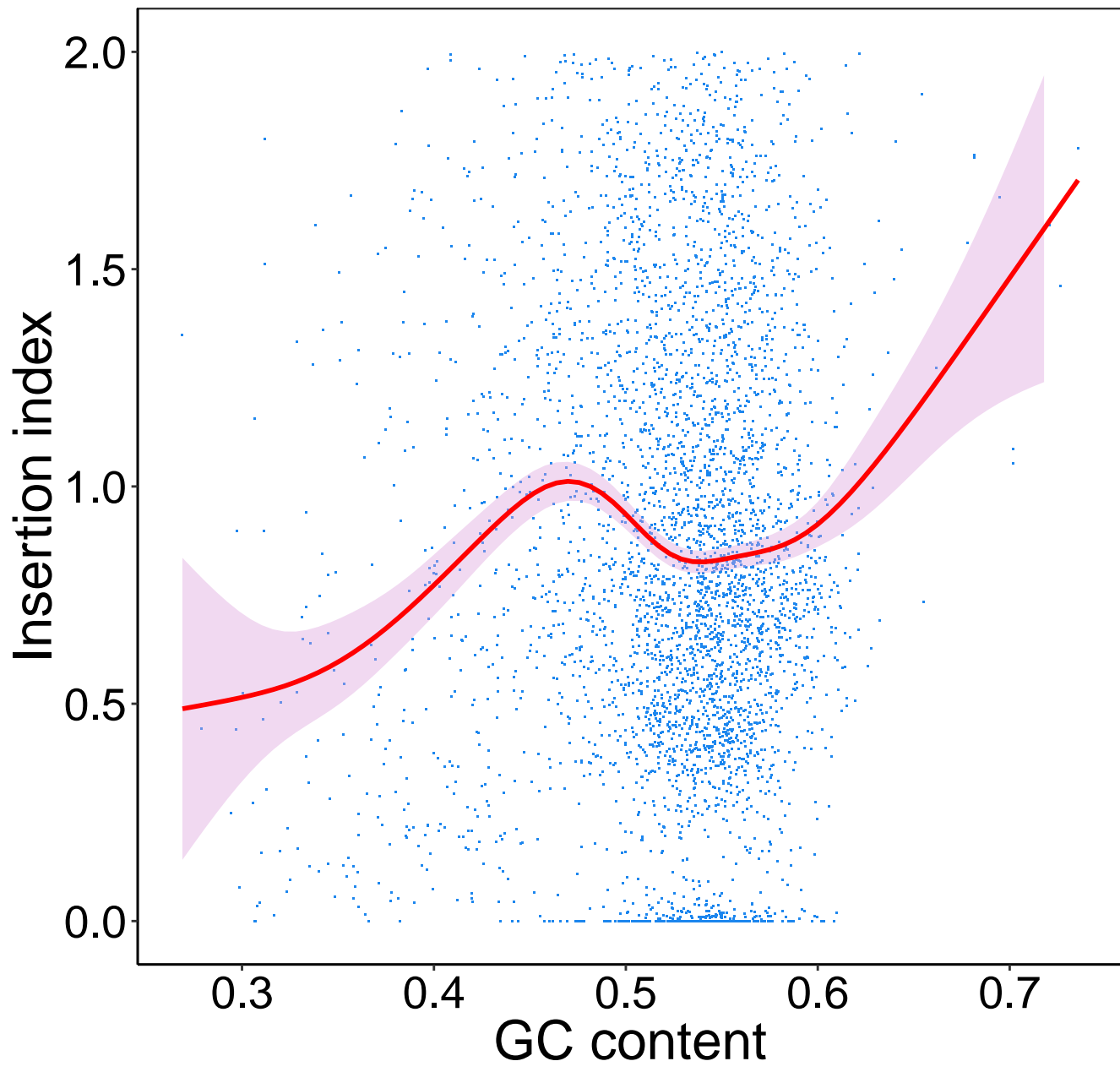


# Distance bias – *Salmonella typhimurium* SL3

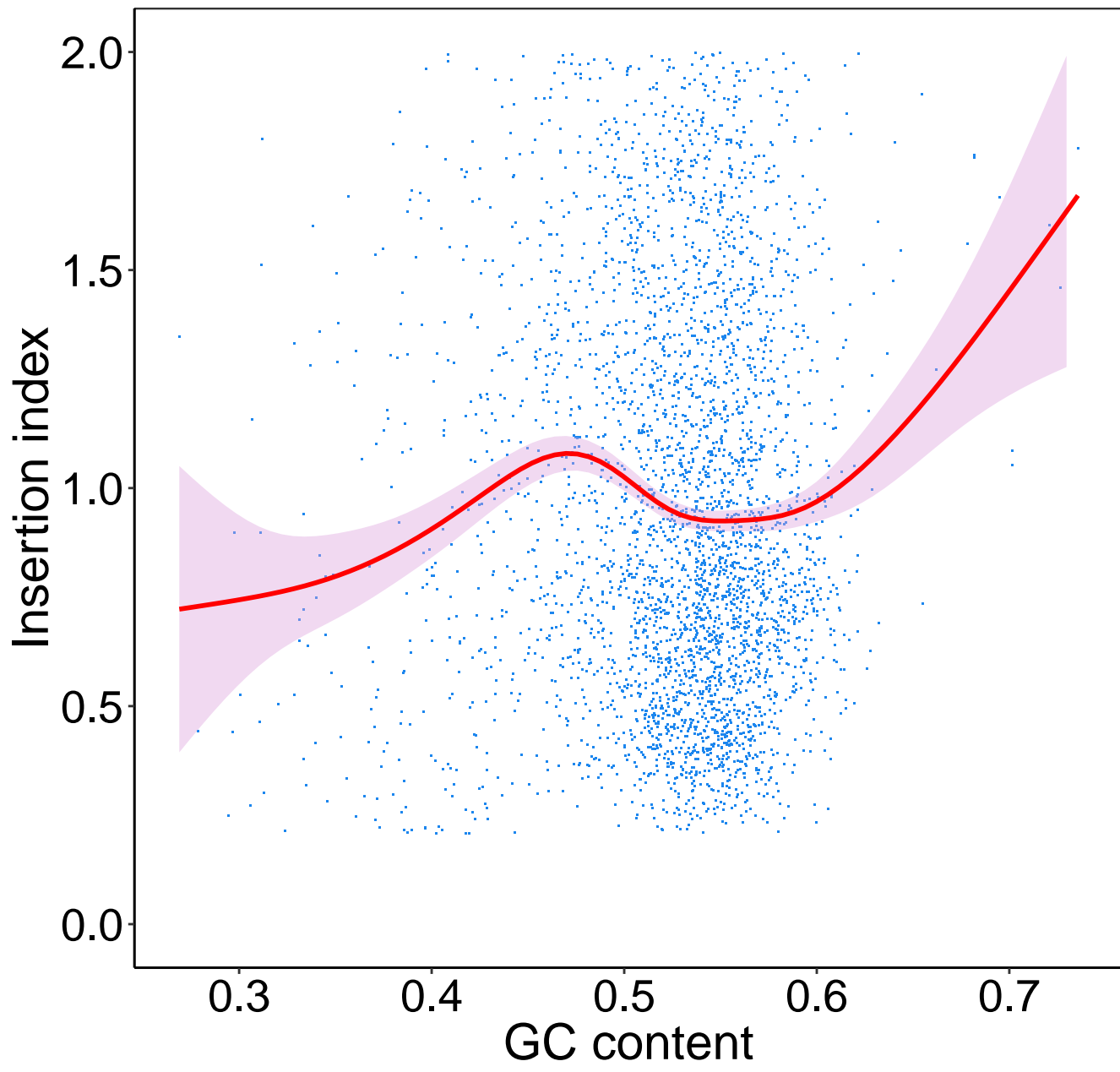




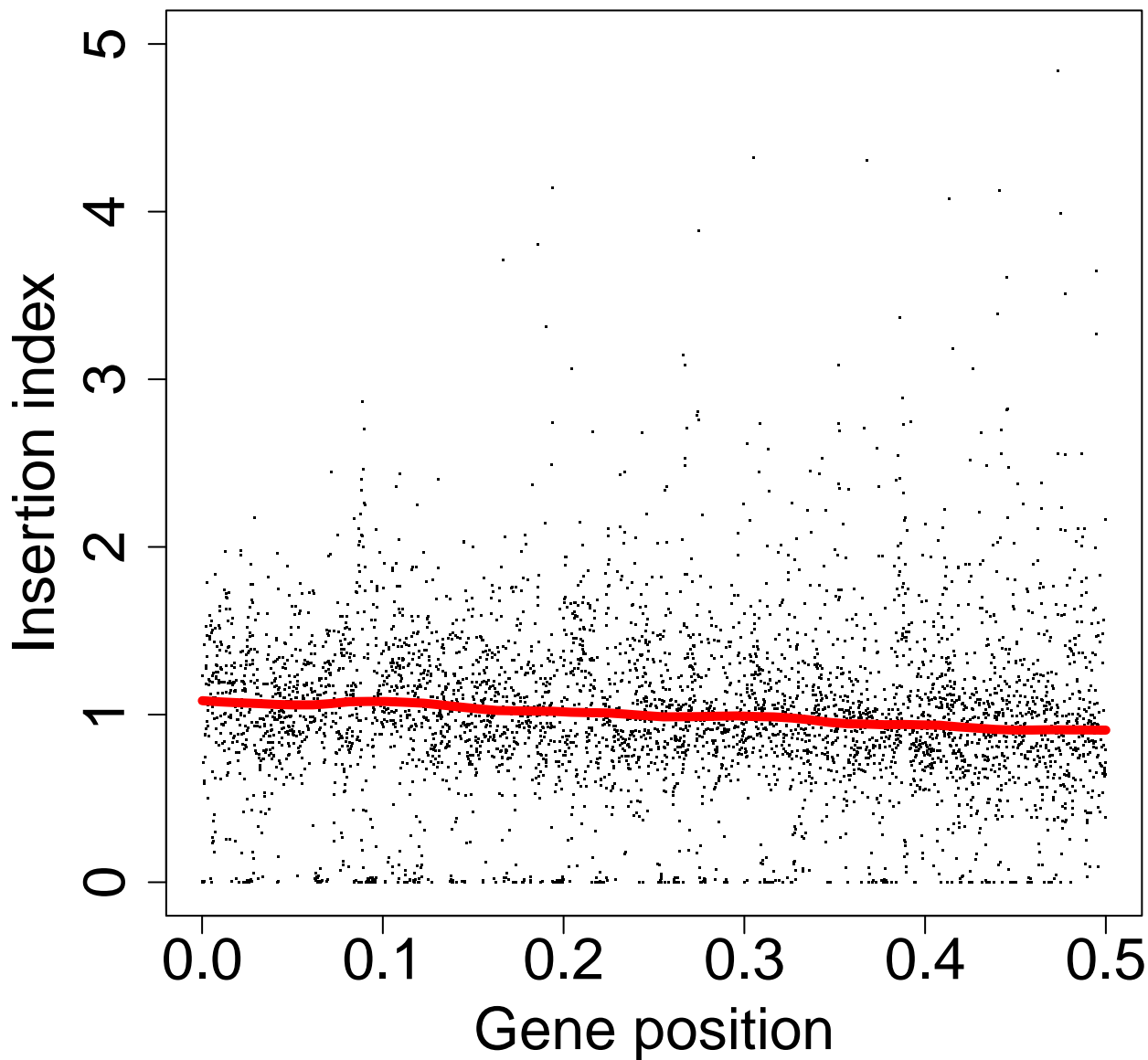
# GC bias – *Salmonella typhimurium* SL326



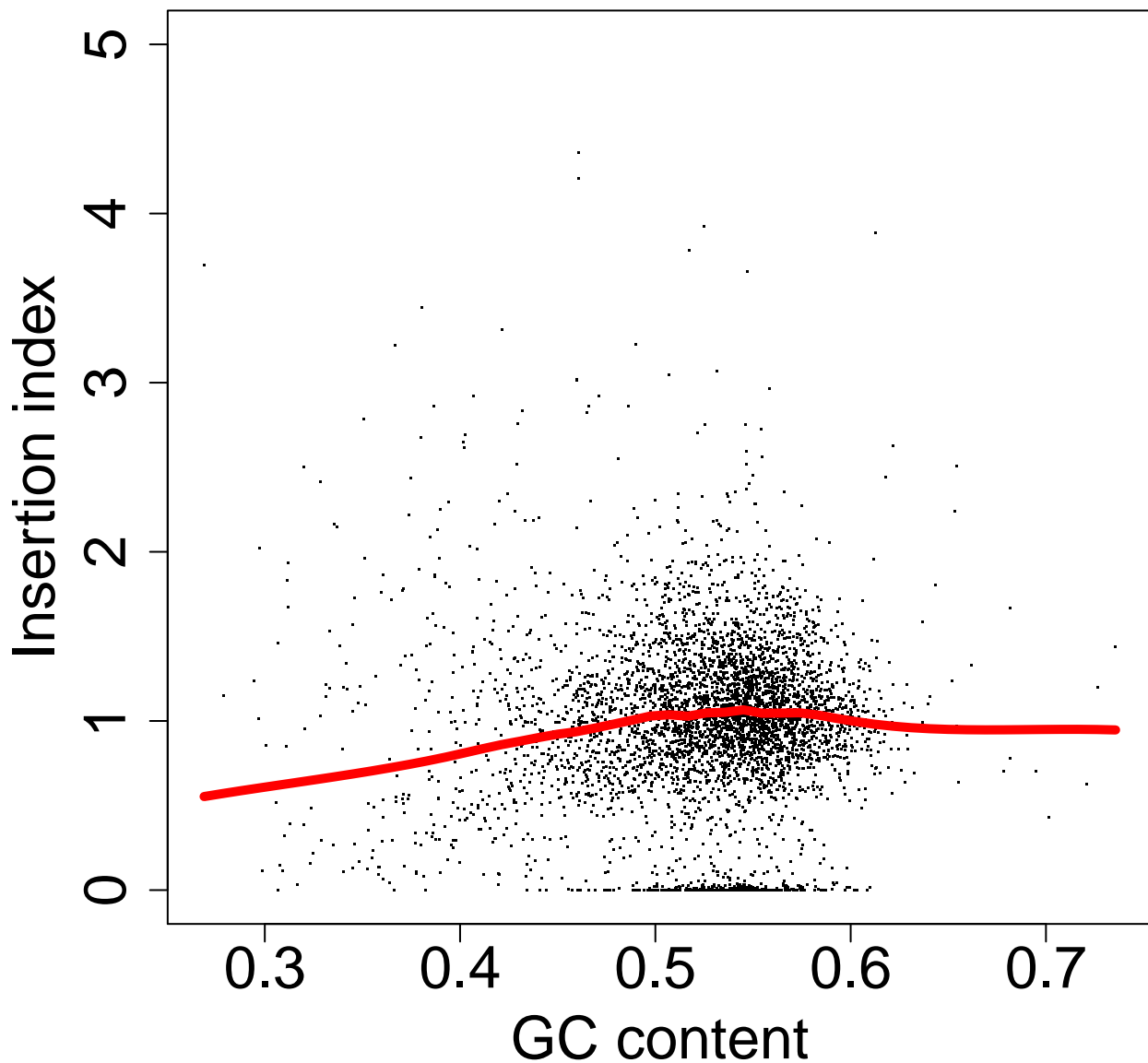
# GC bias – *Salmonella typhimurium* SL326



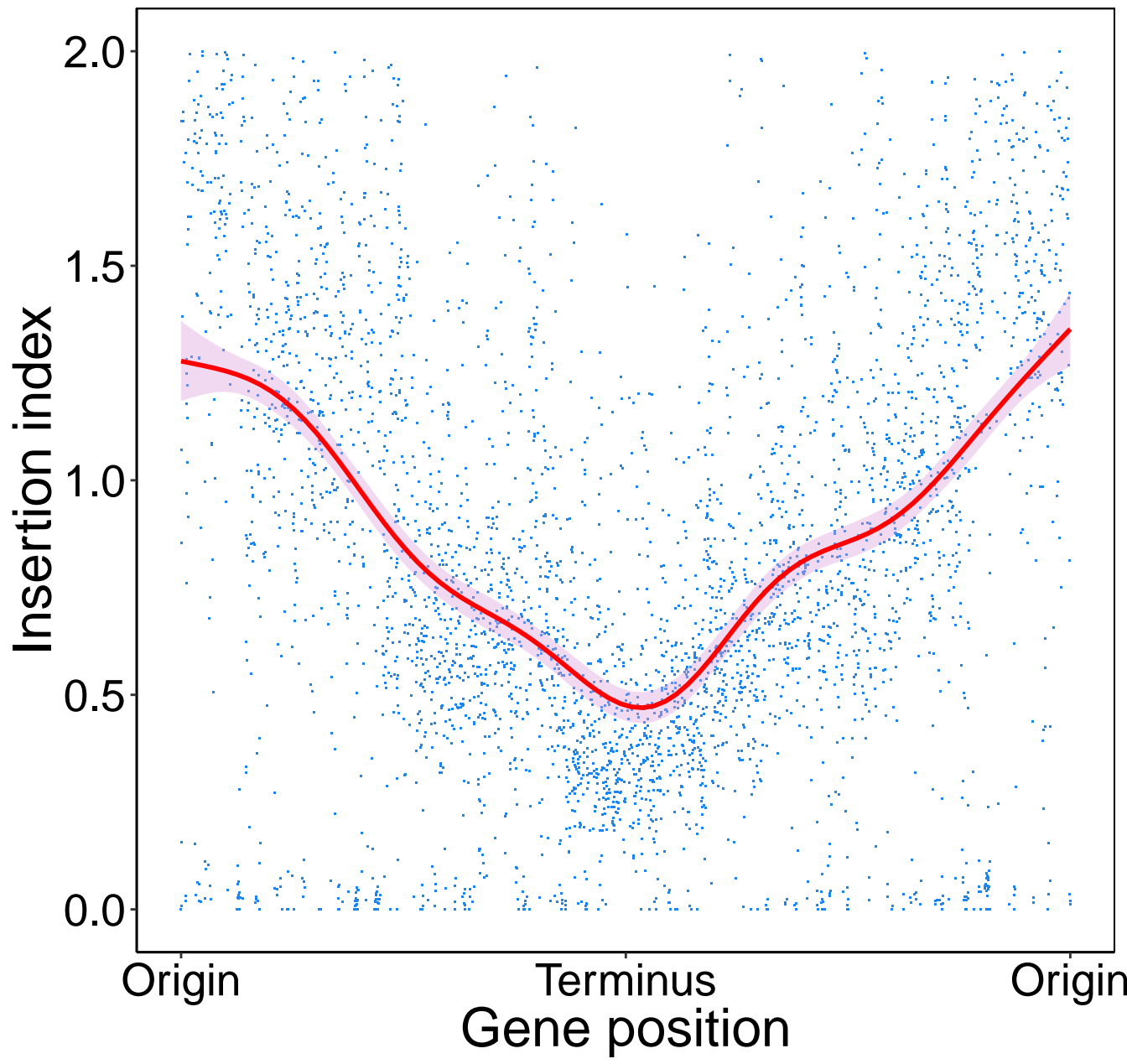
# monella typhimurium SL3261 – normalised d



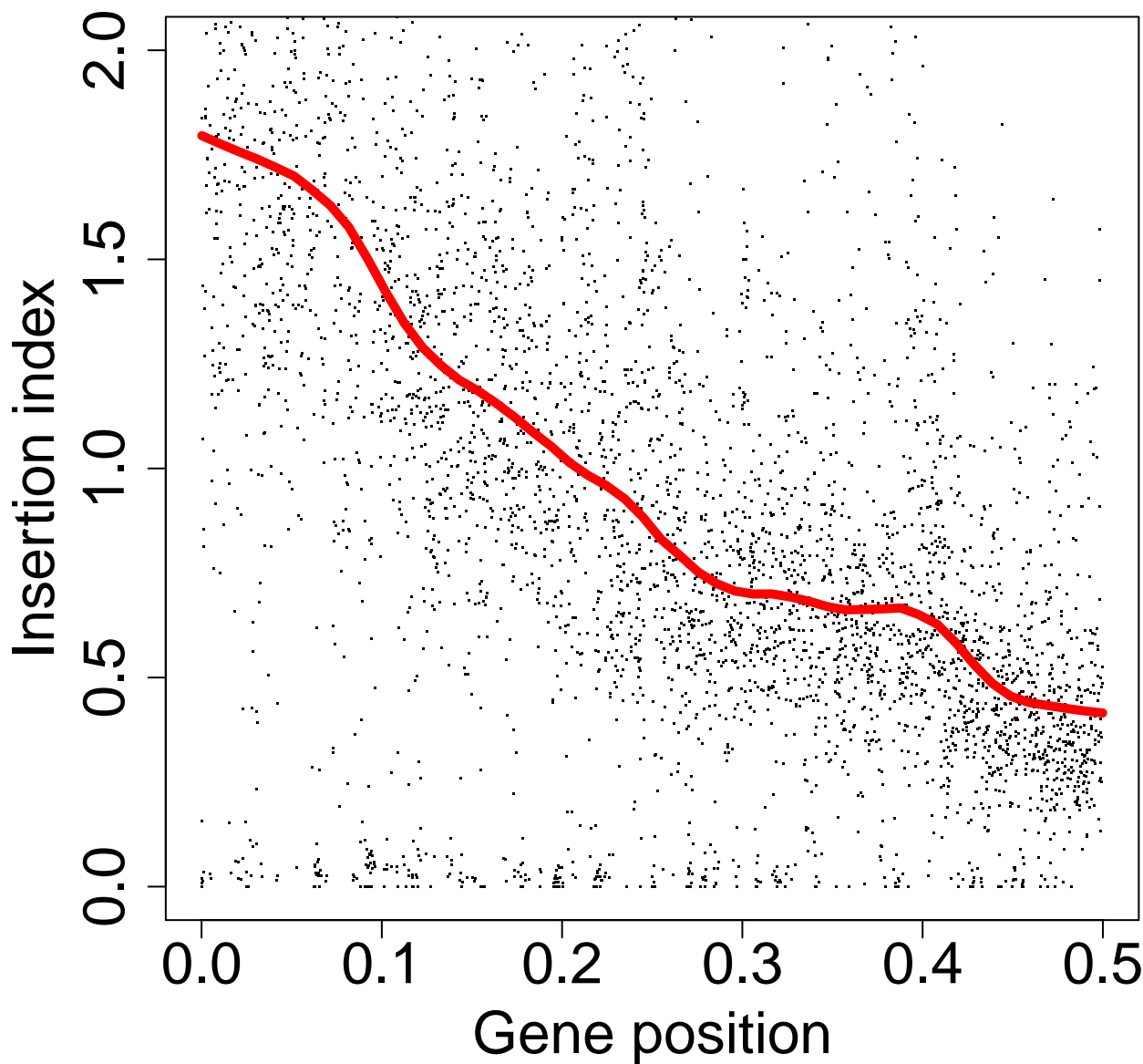
# Salmonella typhimurium SL3261 – normalised



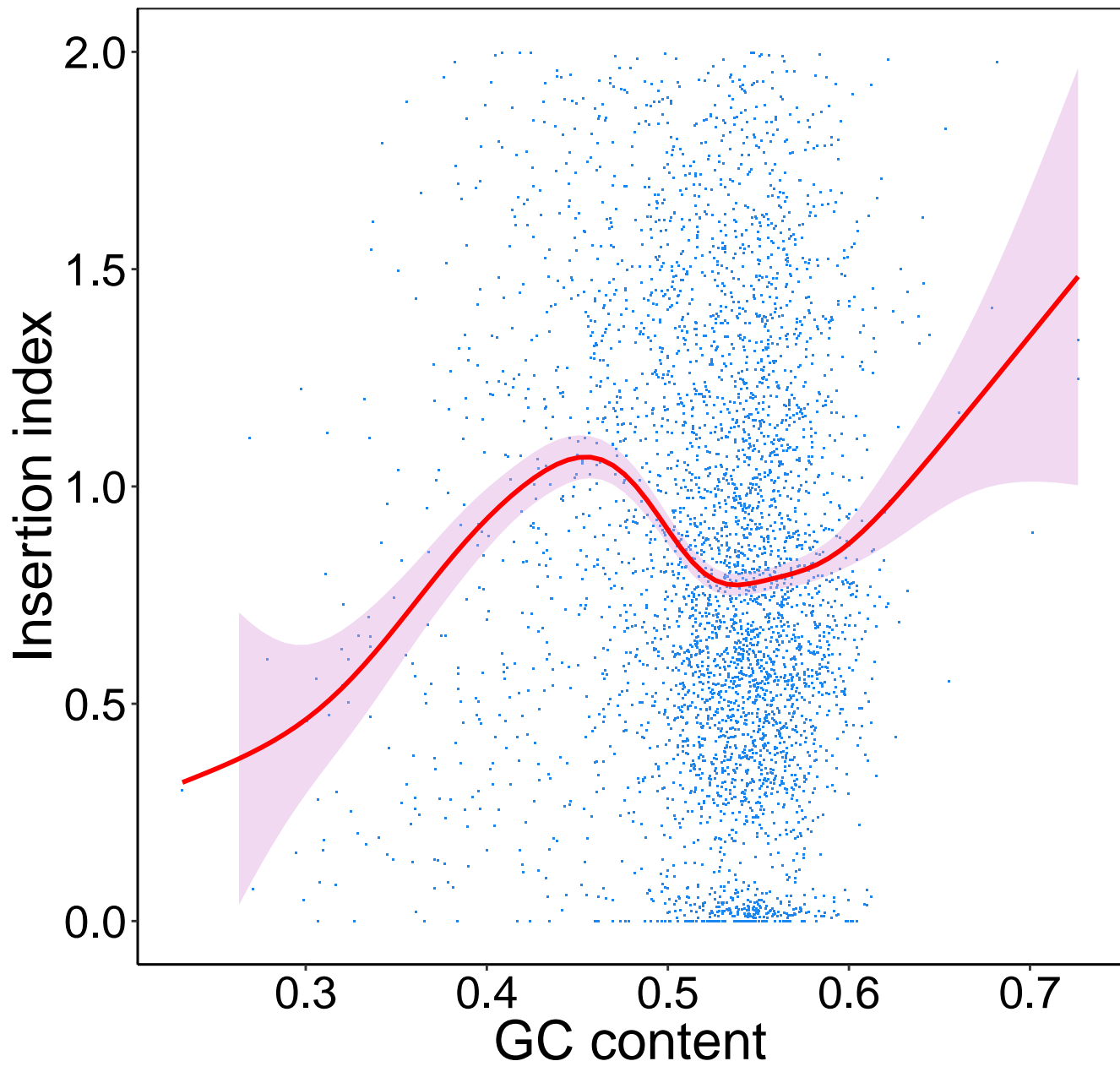
# Distance bias – *Salmonella typhimurium* D2



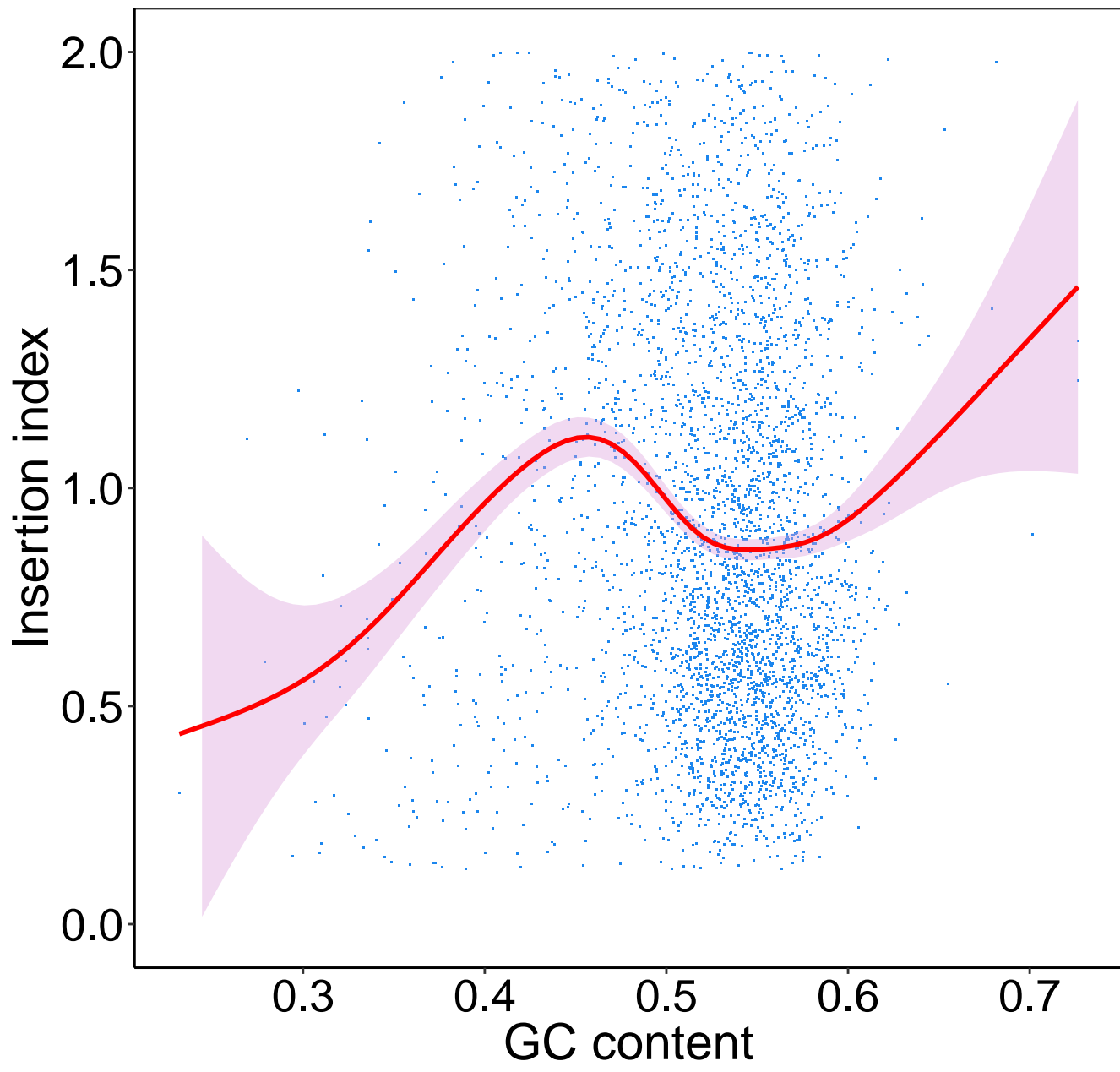
# Distance bias – *Salmonella typhimurium* D23



# GC bias – *Salmonella typhimurium* D2358

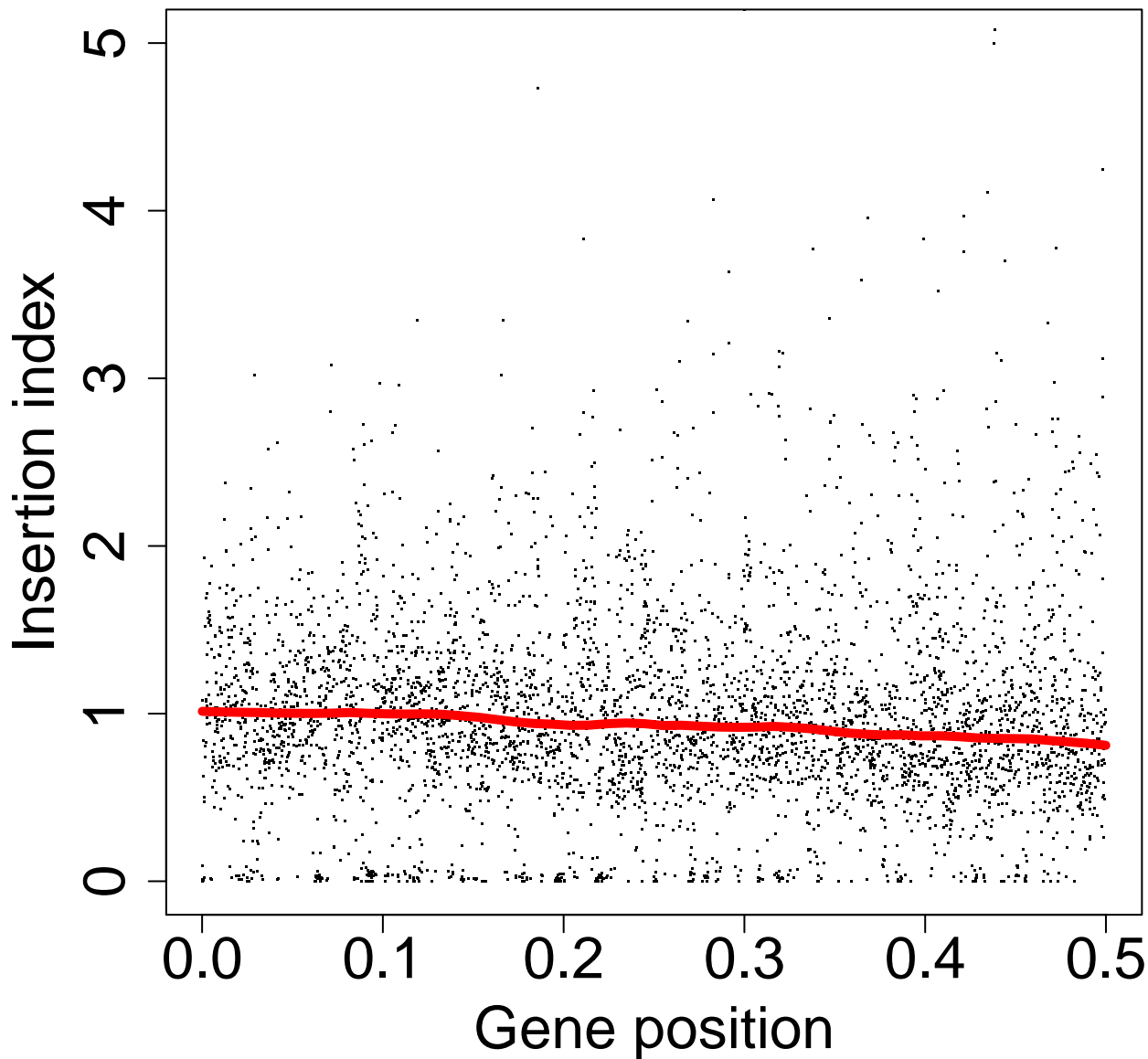


# GC bias – *Salmonella typhimurium* D2358

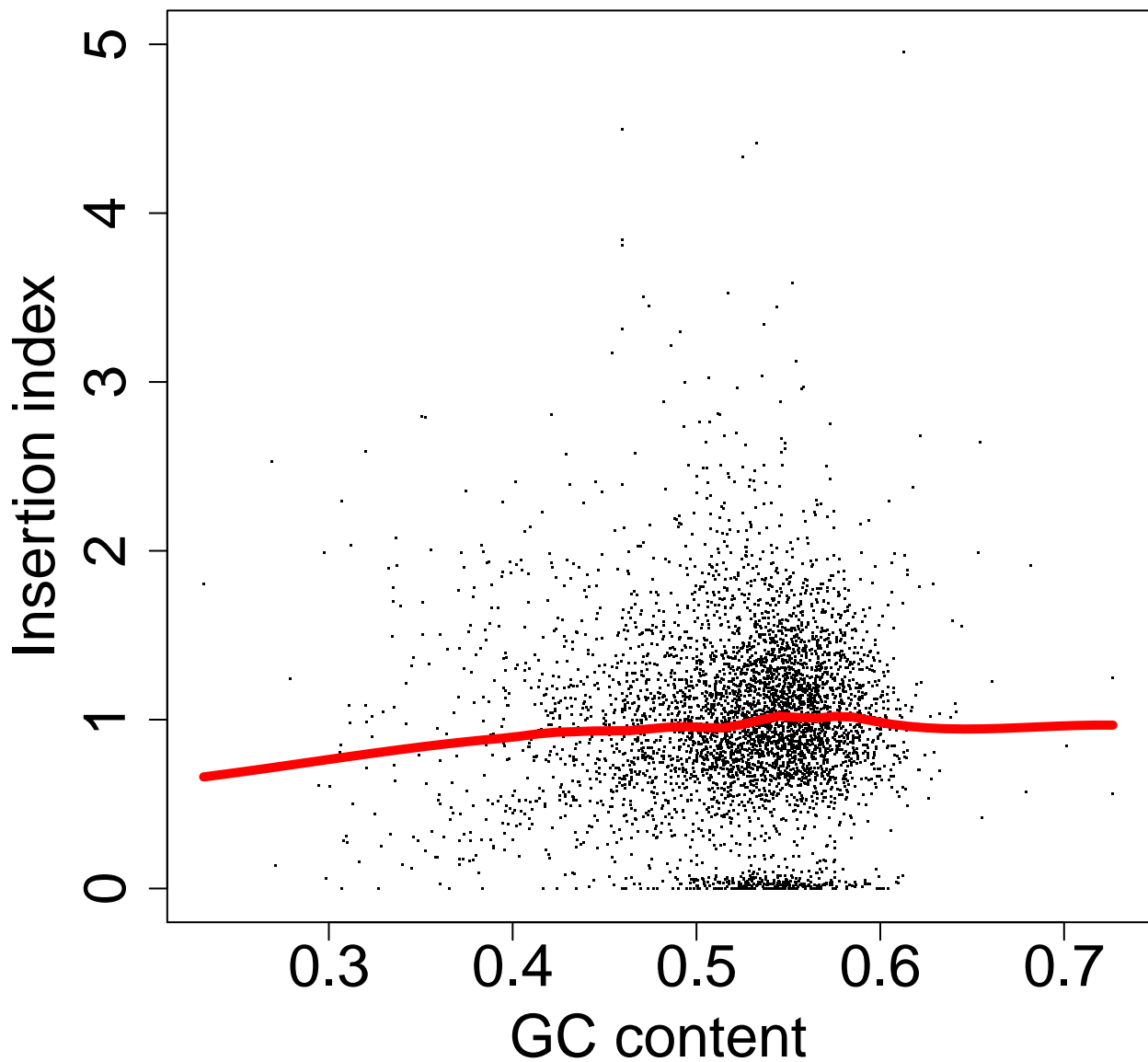




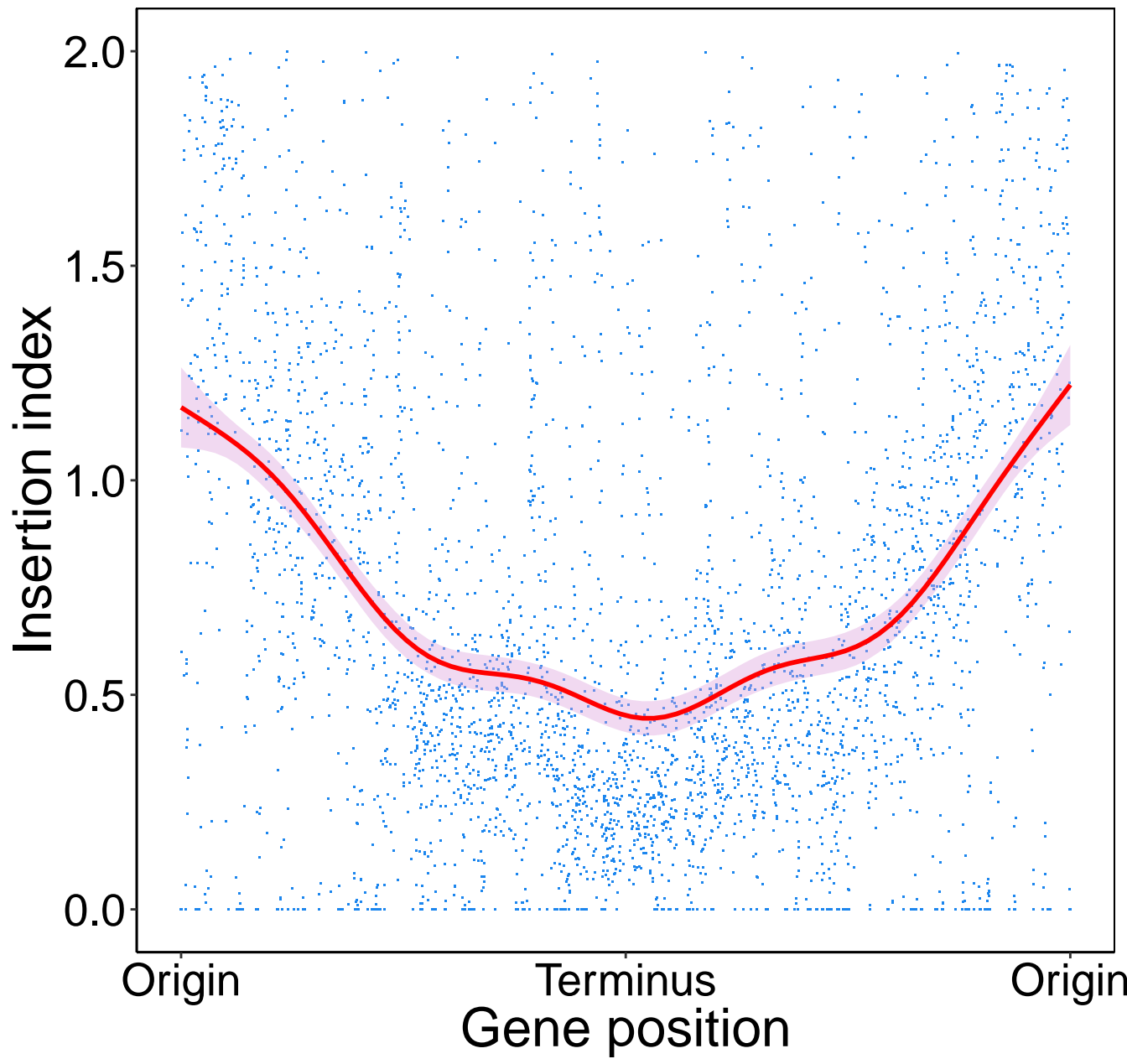
# monella typhimurium D23580 – normalised d



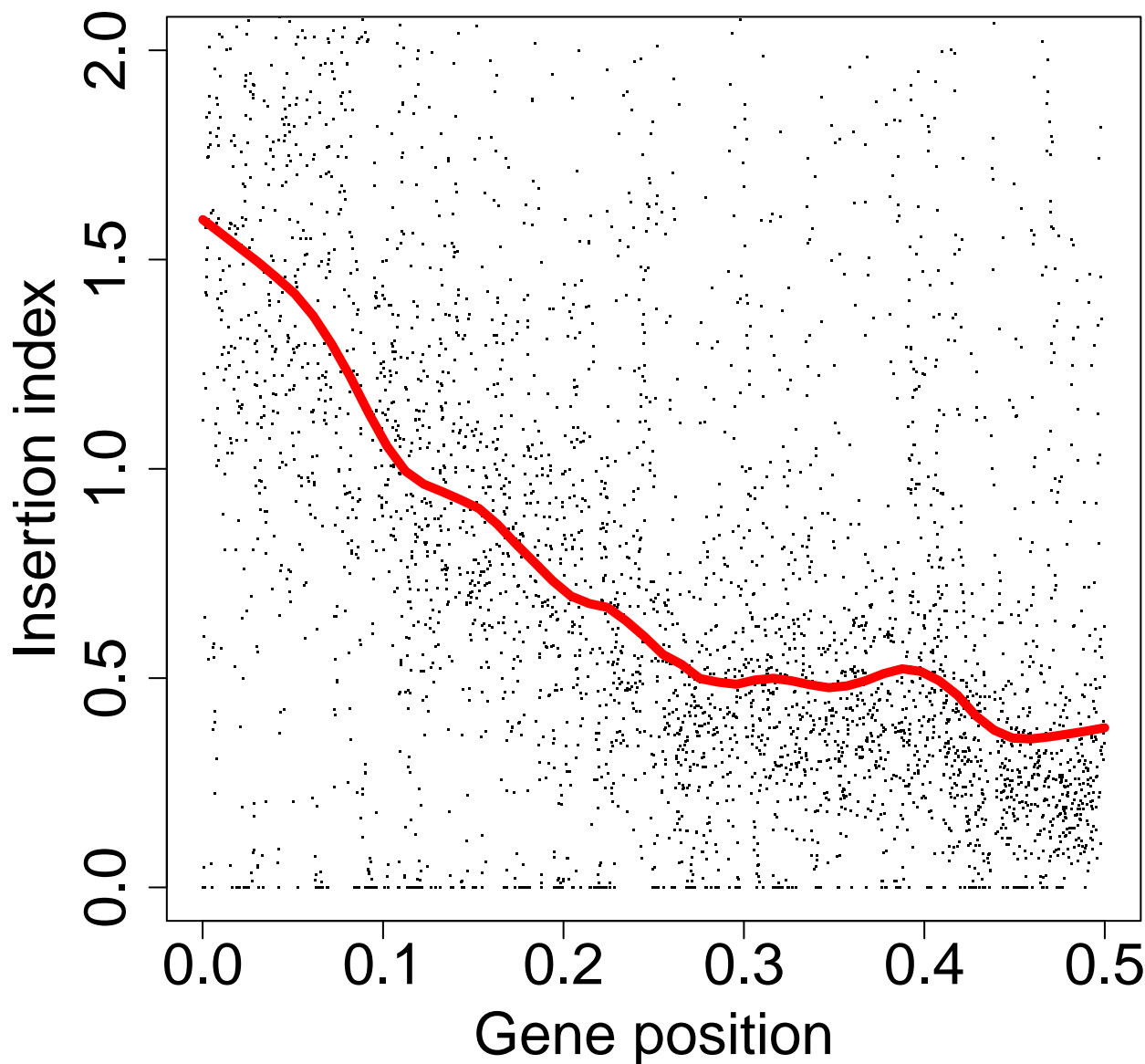
# Salmonella typhimurium D23580 – normalised



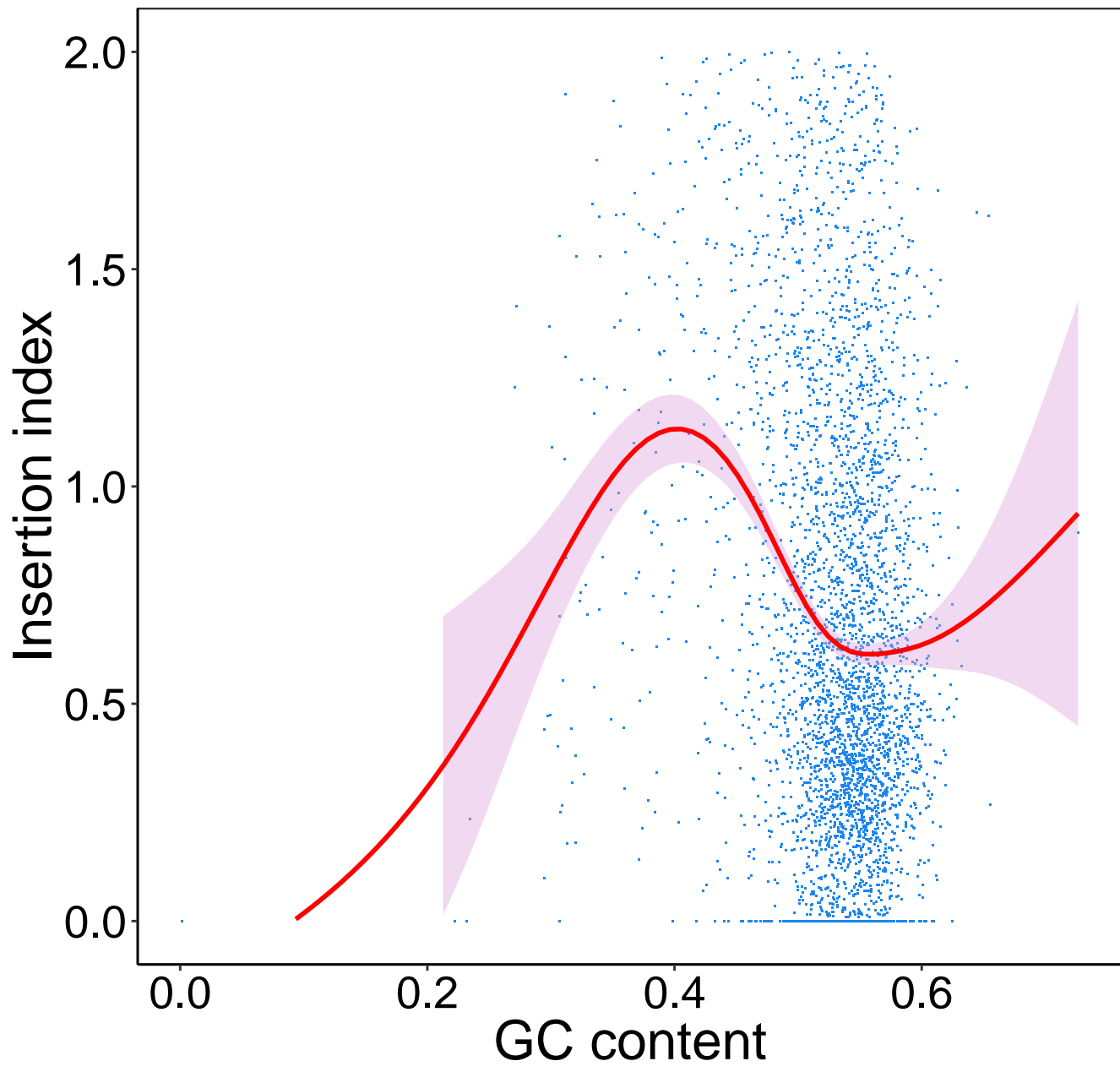
# Distance bias – *Salmonella typhimurium* A



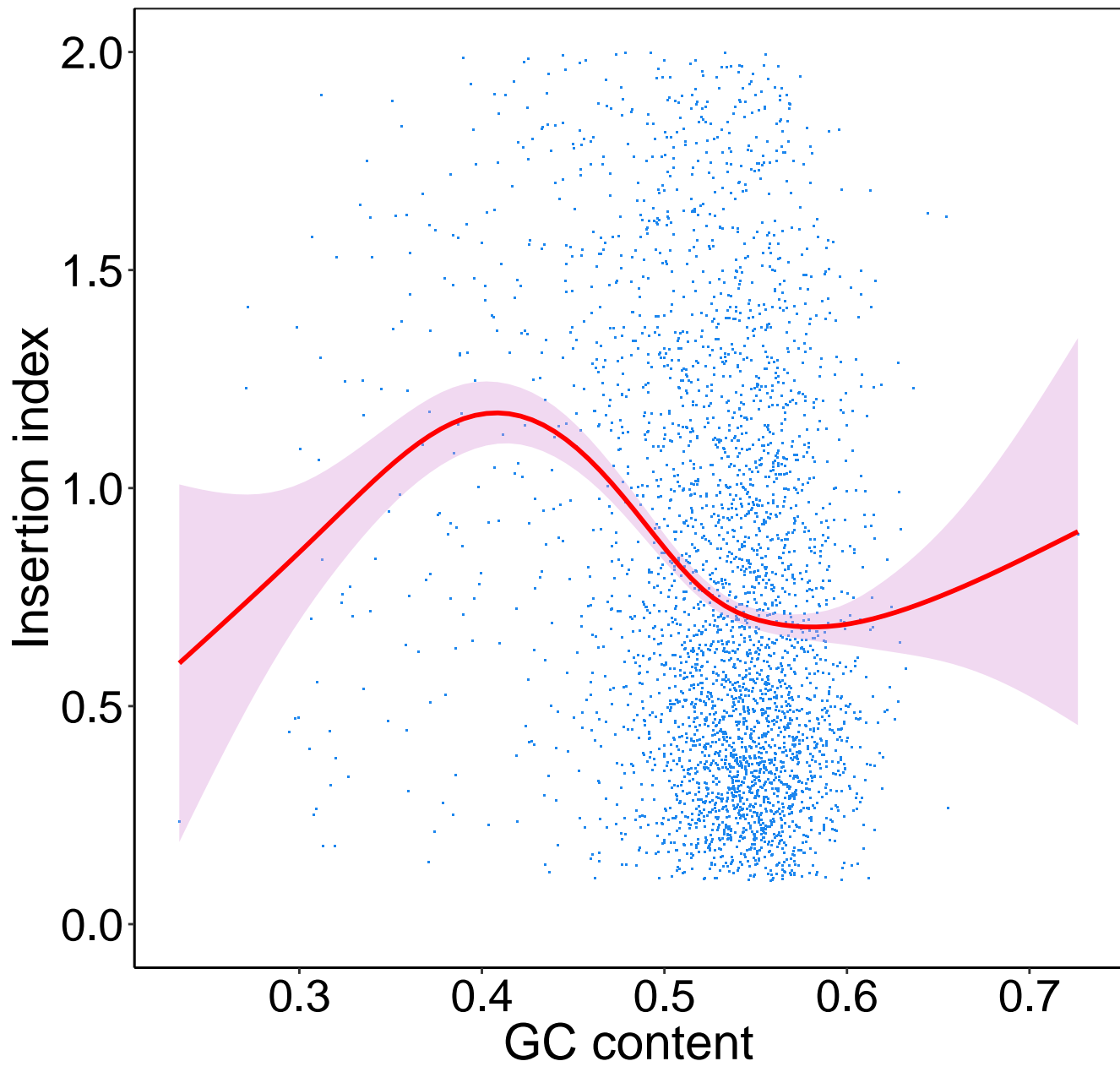
# Distance bias – *Salmonella typhimurium* A1



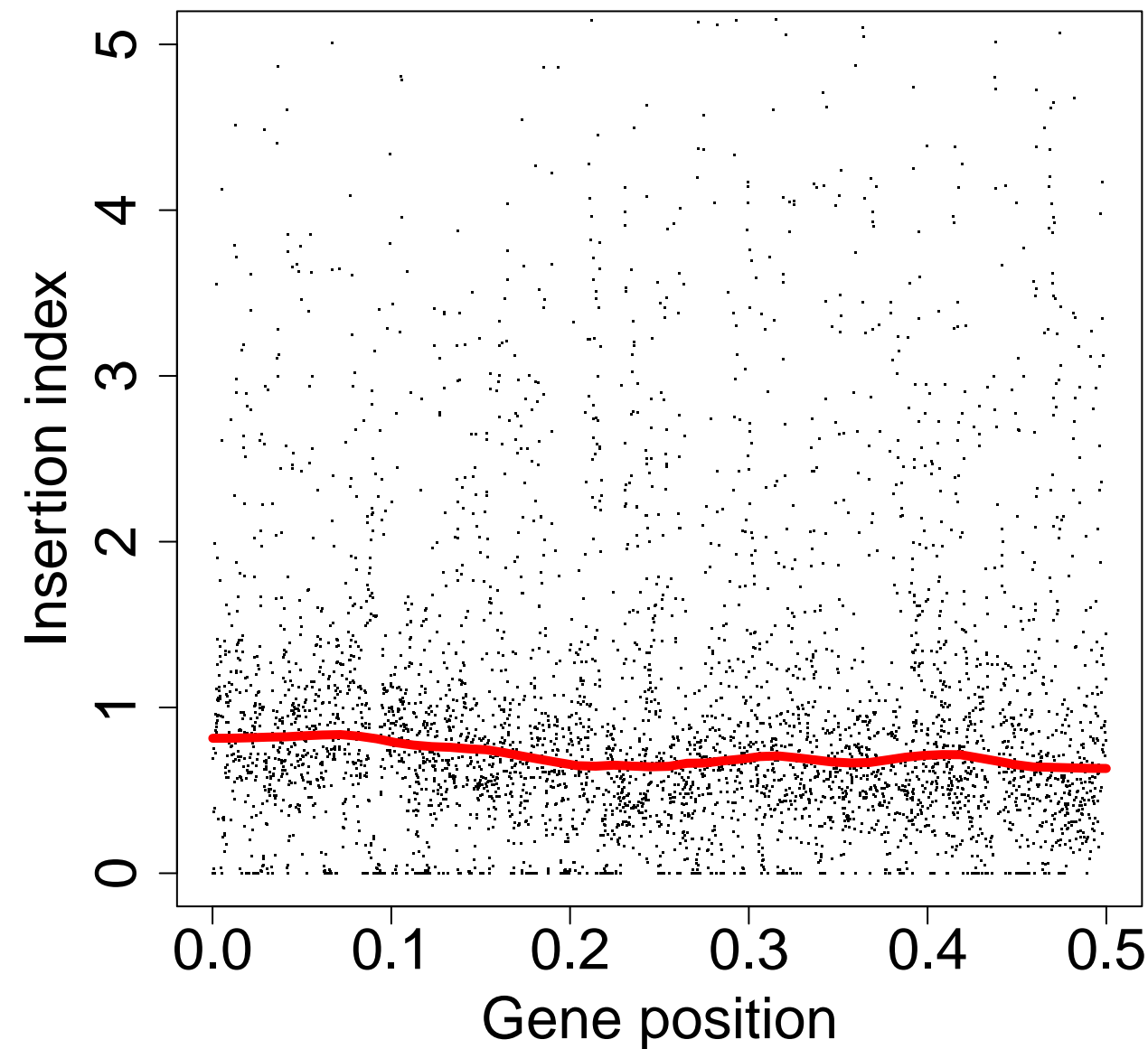
# GC bias – *Salmonella typhimurium* A130



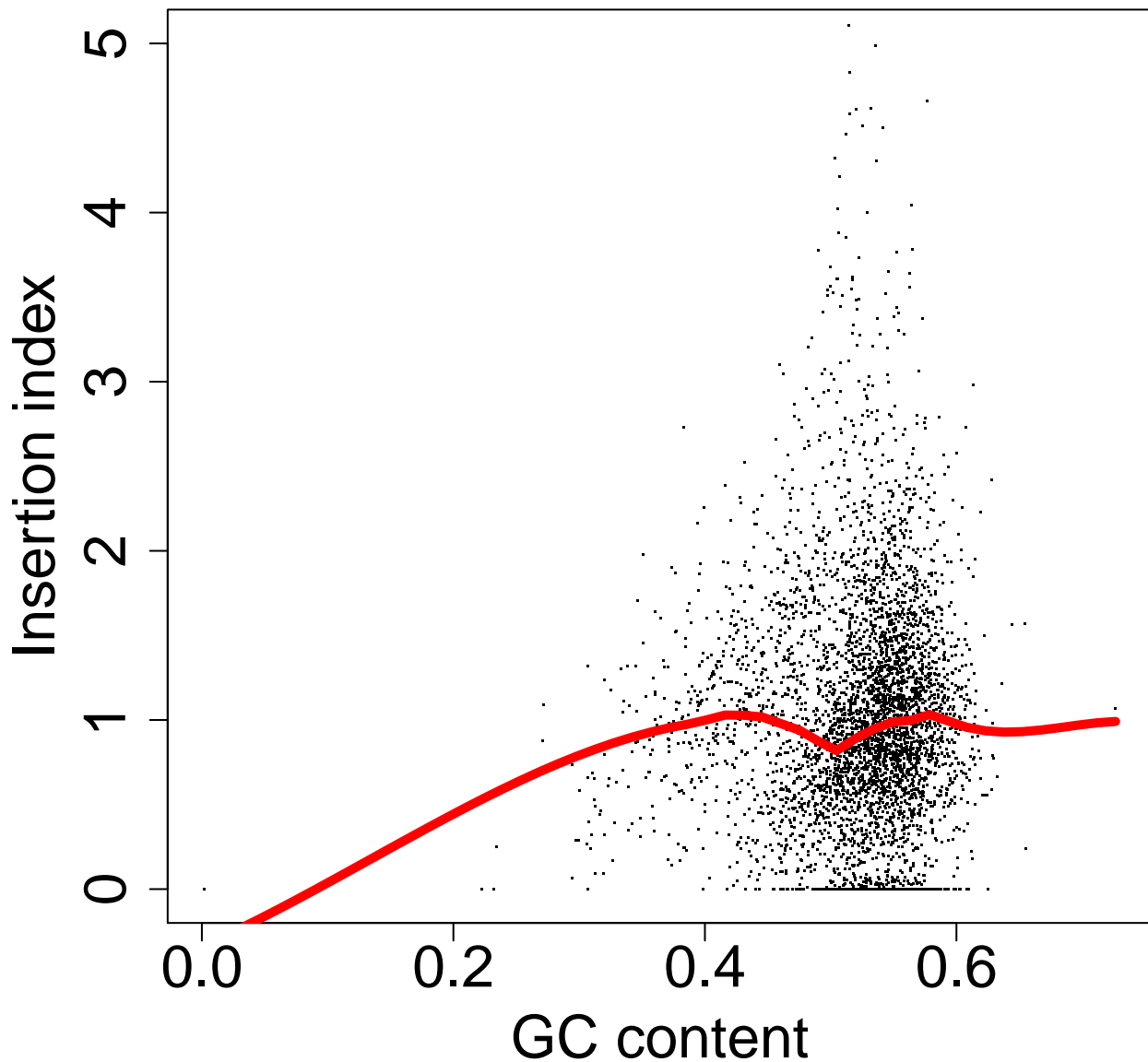
# GC bias – *Salmonella typhimurium* A130



# *Salmonella typhimurium* A130 – normalised dis

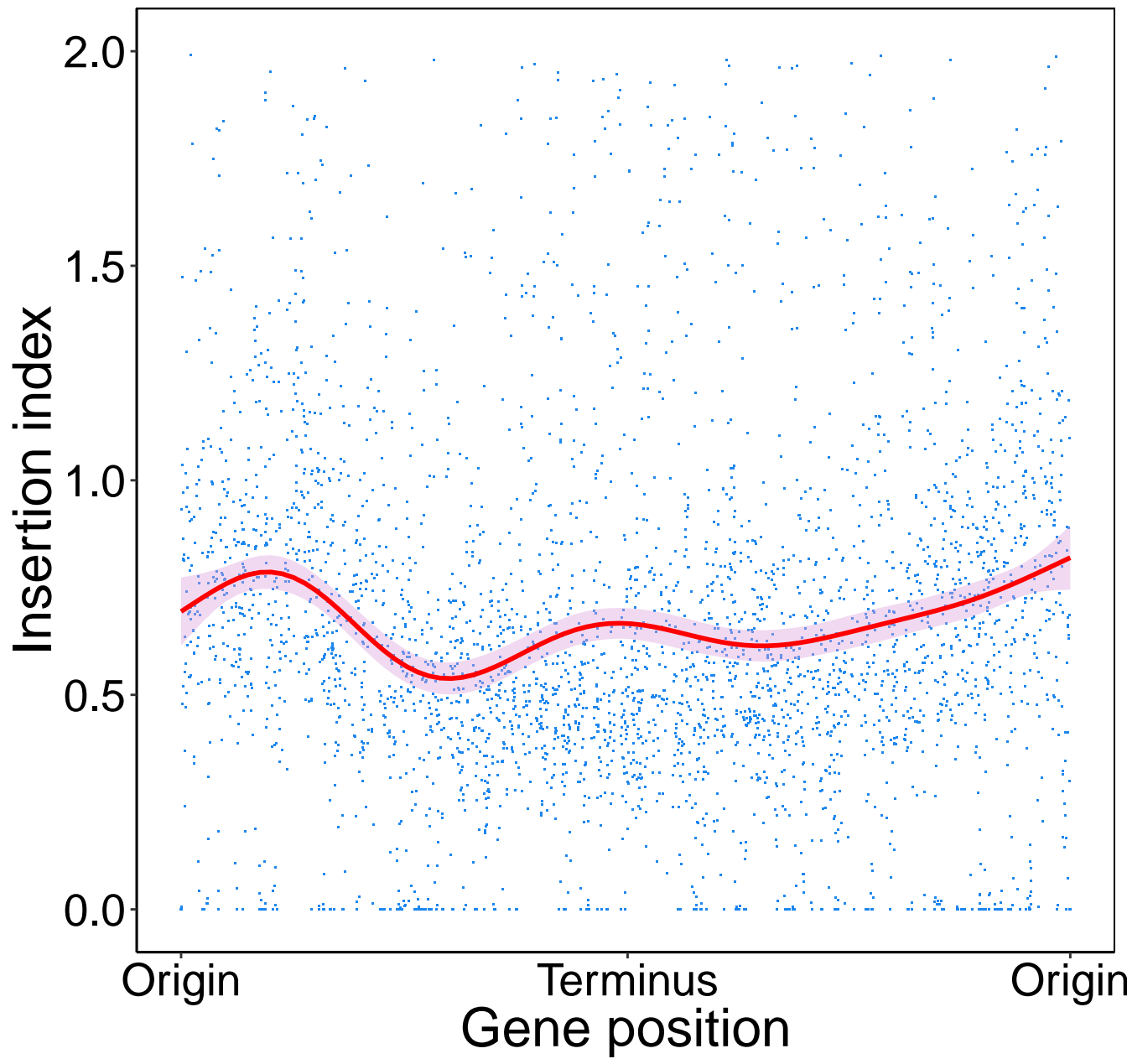


# Salmonella typhimurium A130 – normalised

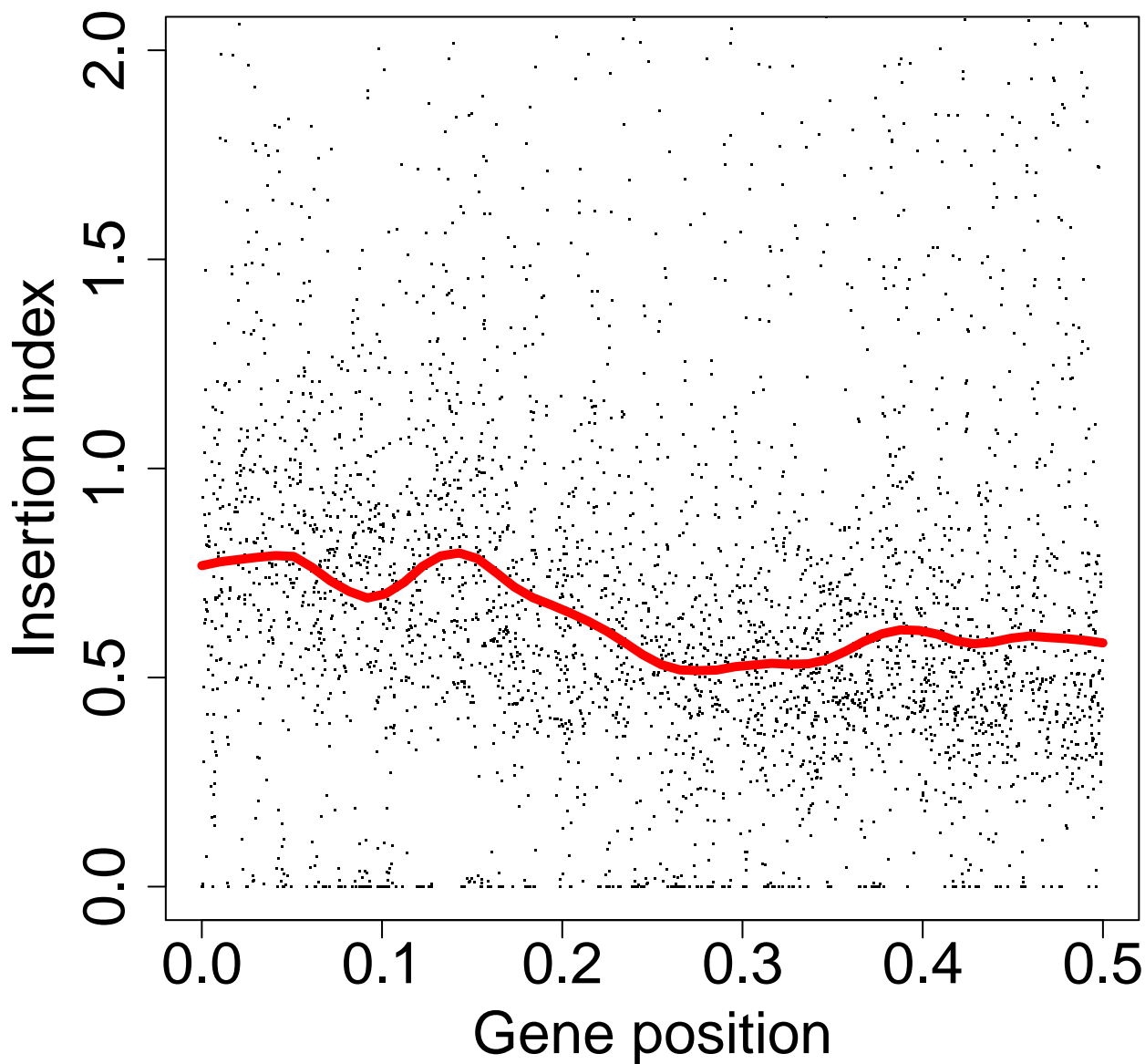




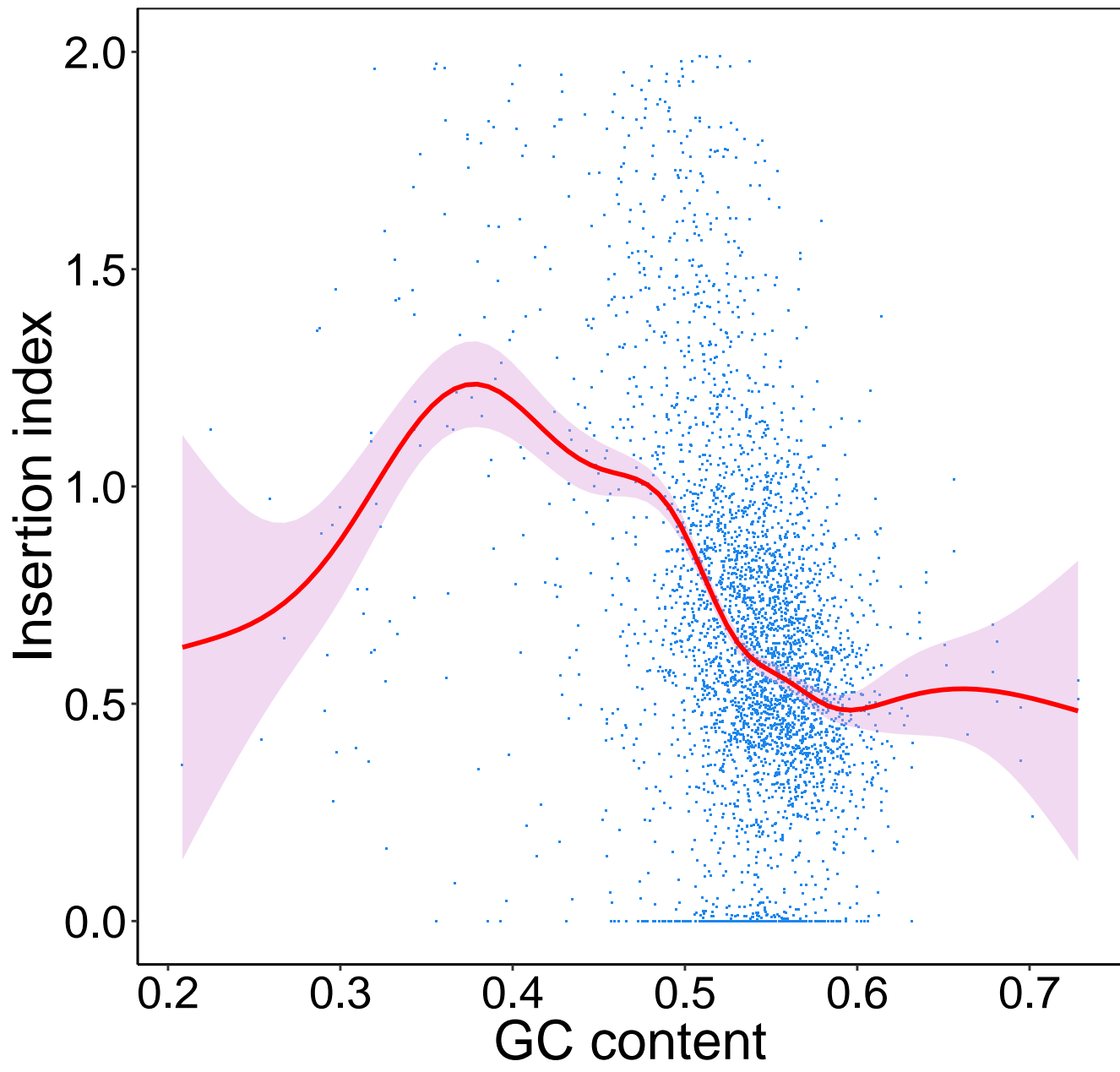
# Distance bias – *Salmonella typhi*



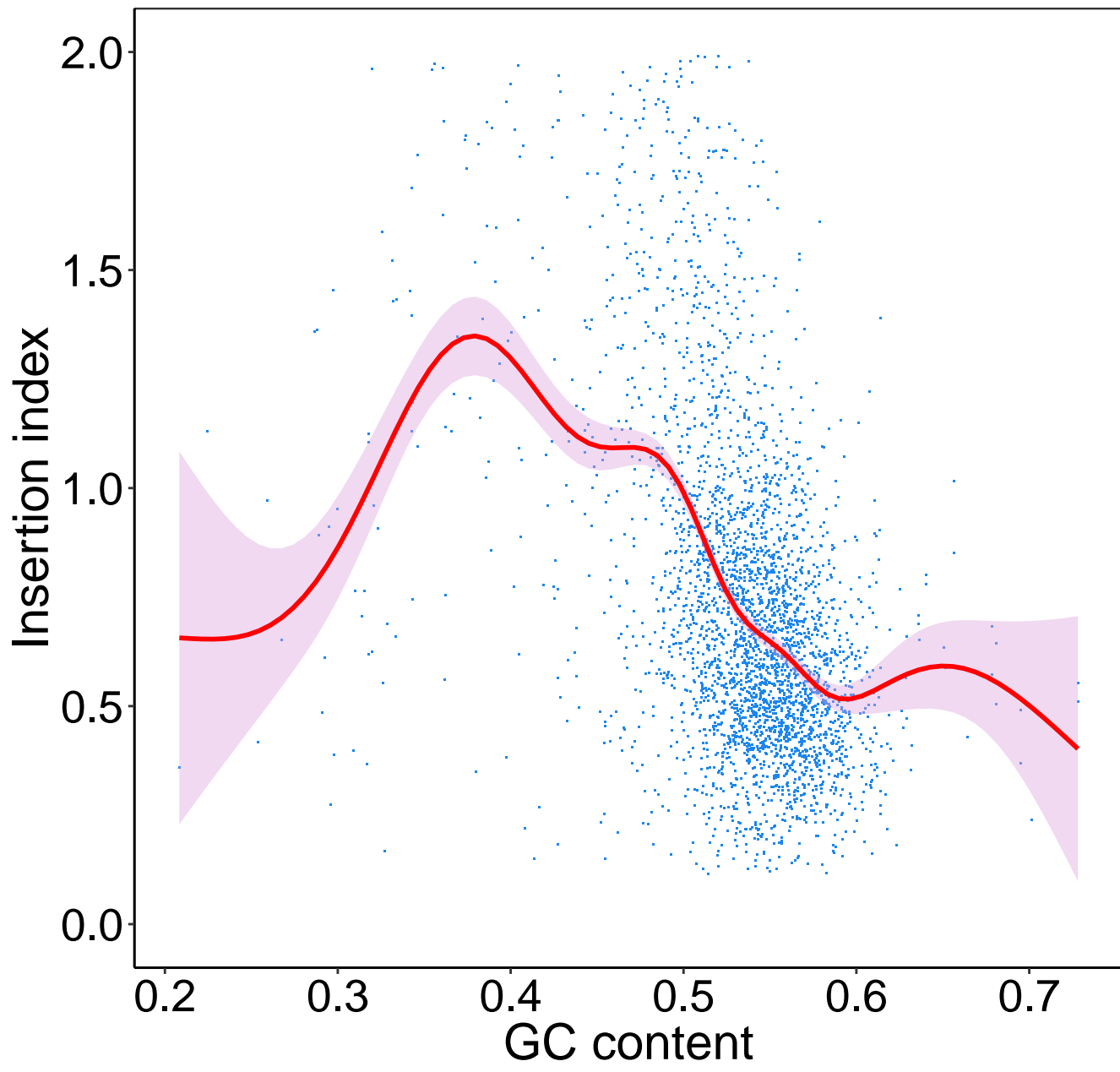
# Distance bias – *Salmonella typhi*



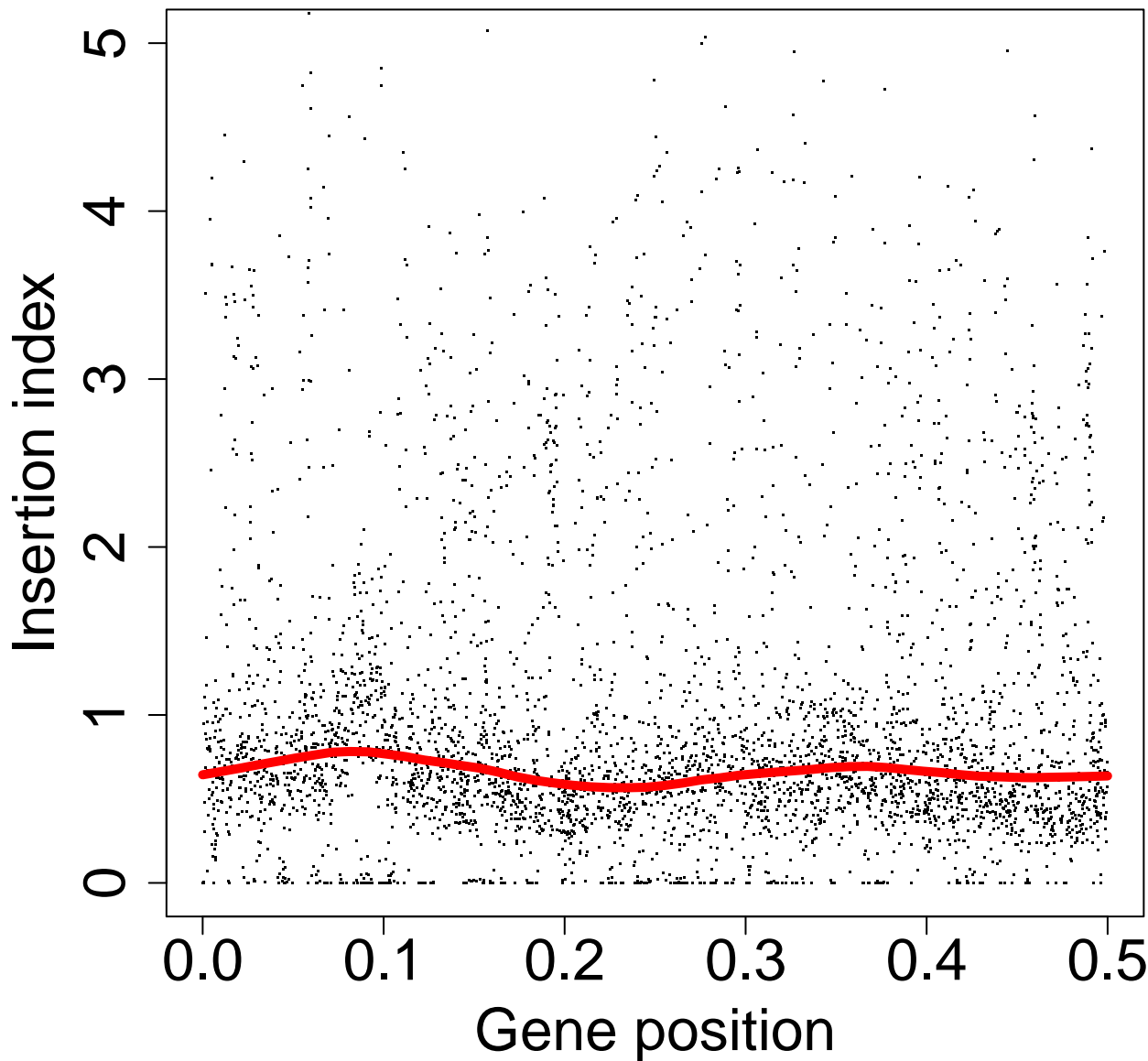
# GC bias – *Salmonella typhi*



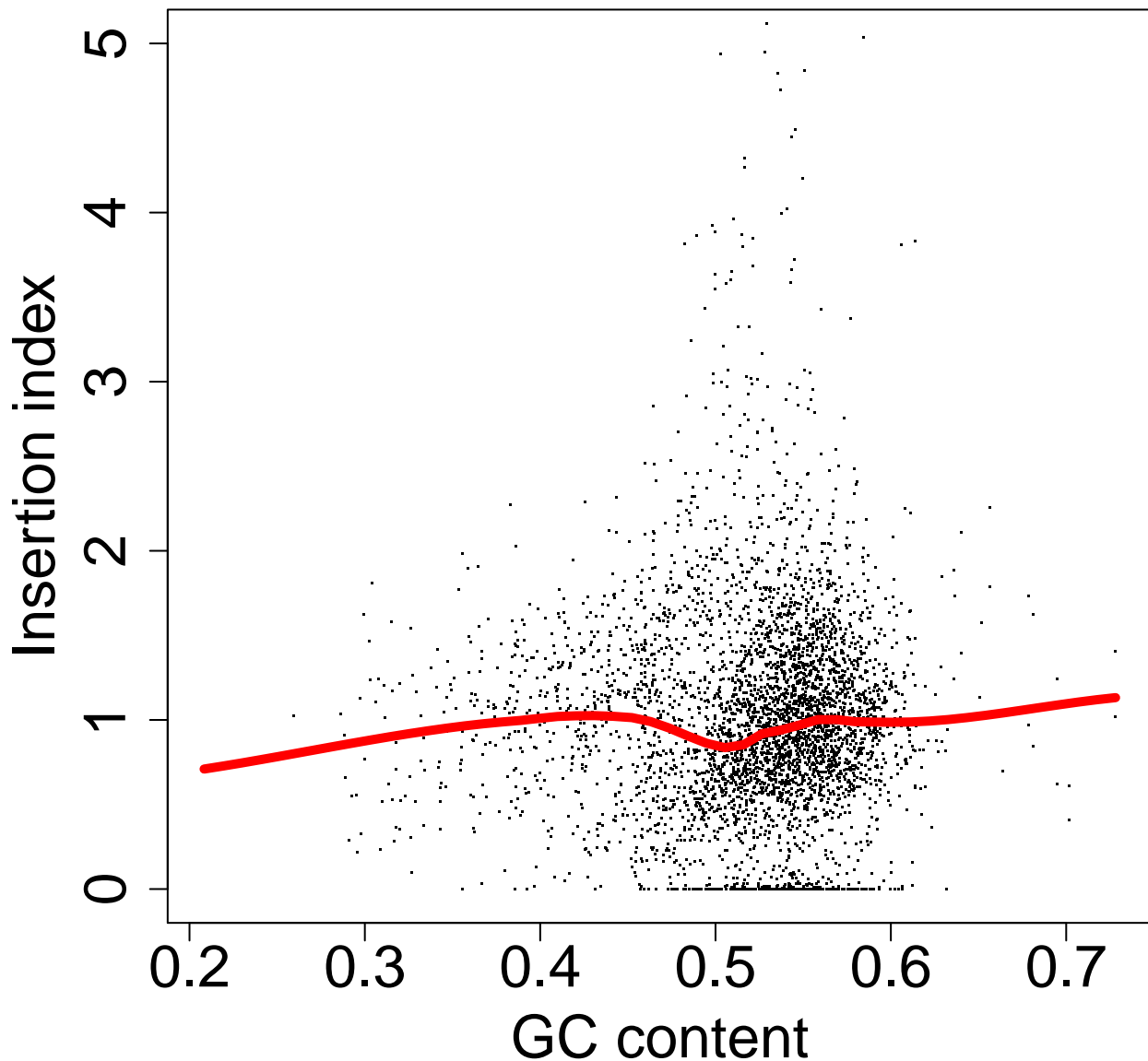
# GC bias – *Salmonella typhi*



# Salmonella typhi – normalised distance



# Salmonella typhi – normalised GC



# GC bias

