

Coefficient of variation of chain size

k: 0.5

k: 1

k: 2

k: 4

model

—●— mixture
—●— standard

0.00 0.25 0.50 0.75 1.00

Proportion superspreaders p

3.0

2.5

2.0

1.5

1.0

0.5

0.0

-0.5

-1.0

-1.5

-2.0

-2.5

-3.0

-3.5

-4.0

-4.5

-5.0

-5.5

-6.0

-6.5

-7.0

-7.5

-8.0

-8.5

-9.0

-9.5

-10.0

-10.5

-11.0

-11.5

-12.0

-12.5

-13.0

-13.5

-14.0

-14.5

-15.0

-15.5

-16.0

-16.5

-17.0

-17.5

-18.0

-18.5

-19.0

-19.5

-20.0

-20.5

-21.0

-21.5

-22.0

-22.5

-23.0

-23.5

-24.0

-24.5

-25.0

-25.5

-26.0

-26.5

-27.0

-27.5

-28.0

-28.5

-29.0

-29.5

-30.0

-30.5

-31.0

-31.5

-32.0

-32.5

-33.0

-33.5

-34.0

-34.5

-35.0

-35.5

-36.0

-36.5

-37.0

-37.5

-38.0

-38.5

-39.0

-39.5

-40.0

-40.5

-41.0

-41.5

-42.0

-42.5

-43.0

-43.5

-44.0

-44.5

-45.0

-45.5

-46.0

-46.5

-47.0

-47.5

-48.0

-48.5

-49.0

-49.5

-50.0

-50.5

-51.0

-51.5

-52.0

-52.5

-53.0

-53.5

-54.0

-54.5

-55.0

-55.5

-56.0

-56.5

-57.0

-57.5

-58.0

-58.5

-59.0

-59.5

-60.0

-60.5

-61.0

-61.5

-62.0

-62.5

-63.0

-63.5

-64.0

-64.5

-65.0

-65.5

-66.0

-66.5

-67.0

-67.5

-68.0

-68.5

-69.0

-69.5

-70.0

-70.5

-71.0

-71.5

-72.0

-72.5

-73.0

-73.5

-74.0

-74.5

-75.0

-75.5

-76.0

-76.5

-77.0

-77.5

-78.0

-78.5

-79.0

-79.5

-80.0

-80.5

-81.0

-81.5

-82.0

-82.5

-83.0

-83.5

-84.0

-84.5

-85.0

-85.5

-86.0

-86.5

-87.0

-87.5

-88.0

-88.5

-89.0

-89.5

-90.0

-90.5

-91.0

-91.5

-92.0

-92.5

-93.0

-93.5

-94.0

-94.5

-95.0

-95.5

-96.0

-96.5

-97.0

-97.5

-98.0

-98.5

-99.0

-99.5

-100.0

-100.5

-101.0

-101.5

-102.0

-102.5

-103.0

-103.5

-104.0

-104.5

-105.0

-105.5

-106.0

-106.5

-107.0

-107.5

-108.0

-108.5

-109.0

-109.5

-110.0

-110.5

-111.0

-111.5

-112.0

-112.5

-113.0

-113.5

-114.0

-114.5

-115.0

-115.5

-116.0

-116.5

-117.0

-117.5

-118.0

-118.5

-119.0

-119.5

-120.0

-120.5

-121.0

-121.5

-122.0

-122.5

-123.0

-123.5

-124.0

-124.5

-125.0

-125.5

-126.0

-126.5

-127.0

-127.5

-128.0

-128.5

-129.0

-129.5

-130.0

-130.5

-131.0

-131.5

-132.0

-132.5

-133.0

-133.5

-134.0

-134.5

-135.0

-135.5

-136.0

-136.5

-137.0

-137.5

-138.0

-138.5

-139.0

-139.5

-140.0

-140.5

-141.0

-141.5

-142.0

-142.5

-143.0

-143.5

-144.0

-144.5

-145.0

-145.5

-146.0

-146.5

-147.0

-147.5

-148.0

-148.5

-149.0

-149.5

-150.0

-150.5

-151.0

-151.5

-152.0

-152.5

-153.0

-153.5

-154.0