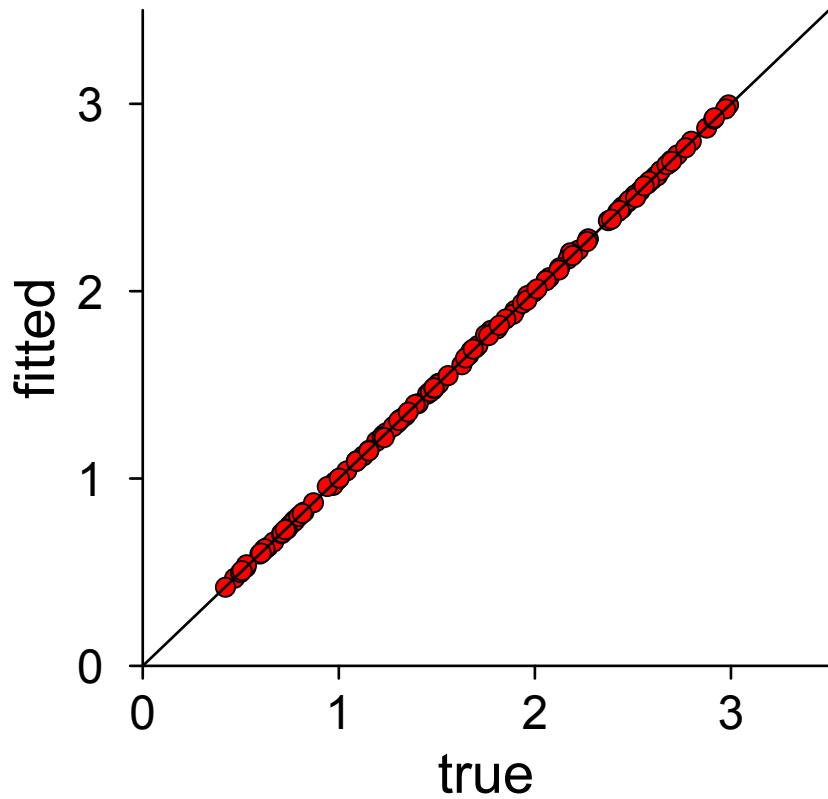


- log gamma



log k

