# De gemiddelde fitheid over de generaties

*SELECT generation, run, AVG(fitness) FROM knapsack AS ks \*

*JOIN knapsack\_parameters AS kp ON ks.run IS kp.run\_id\*

*WHERE kp.crossover\_type IS 'crossover\_type'\*

*AND kp.crossover\_points IS crossover\_points\*

*GROUP BY generation" % (crossover\_type, crossover\_points)*

# Aantal verschillende genotypen over de generaties

SELECT AVG(variation) FROM\

(SELECT ks.run, ks.generation, COUNT(DISTINCT genotype)\

AS variation FROM knapsack AS ks\

JOIN knapsack\_parameters AS kp ON ks.run IS kp.run\_id\

WHERE kp.crossover\_type IS '%s' AND\

kp.crossover\_points IS %f\

GROUP BY generation, run)\

GROUP BY generation;" % (crossover\_type, crossover\_points)