access: duration per op (ms) vs count 10<sup>0</sup>  $10^{-1}$ duration per op (ms)  $10^{-2}$ 10<sup>-3</sup>  $10^{-4}$ 10<sup>3</sup> 10<sup>2</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> count node\_copying/sequential node\_copying/randomized blackbox/sequential blackbox/randomized eliminate\_reorder/sequential eliminate\_reorder/randomized