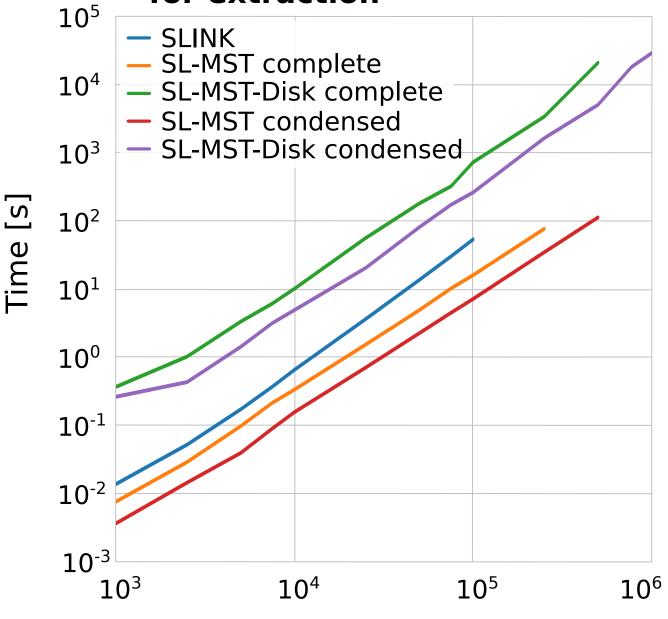
## (A) Building the co-association matrix with different matrix formats 10<sup>5</sup> — full full condensed $10^4$ sparse complete sparse condensed const sparse condensed linear 10<sup>3</sup> 10<sup>2</sup> $10^{1}$ 10<sup>0</sup> 10-1 10<sup>-2</sup> 10-3 $10^{4}$ $10^5$ $10^{6}$ $10^{3}$ Number of samples

(B) Comparison of three methods for extraction



Number of samples