

LR Avia Linear Measurements

A

S_1

Measures

with

and get $\langle \text{vec}(A), \text{vec}(S_1) \rangle$

S_2

and get $\langle \text{vec}(A), \text{vec}(S_2) \rangle$

$$S_3$$

and get $\langle \text{vec}(A), \text{vec}(S_3) \rangle$

- Output B at the end

- Non-adaptive algorithms decide all S_i upfront

LRA via Linear Measurements

Measure  A with  S_3 and get $\langle \text{vec}(A), \text{vec}(S_3) \rangle$

- Output B at the end
- Non-adaptive algorithms decide all S_i upfront

Linear Measurements vs Matrix-Vector Products