

a

$$G_c^{(n)} = G_{\text{tot}}^{(n)} - \underbrace{\quad}_{G_{\text{dis}}^{(n)}}$$

$$n=2 \quad \text{[Diagram: Two green dots in a light gray oval]} = \text{[Diagram: Two green dots in a dark gray oval]} - \text{[Diagram: Two green dots]} \dots$$

$$n=3 \quad \text{[Diagram: Three green dots in a light gray oval]} = \text{[Diagram: Three green dots in a dark gray oval]} - \text{[Diagram: Three green dots in a light gray oval]} - \text{[Diagram: Three green dots in a light gray oval]} - \text{[Diagram: Three green dots in a light gray oval]} - \text{[Diagram: Three green dots]} \dots$$

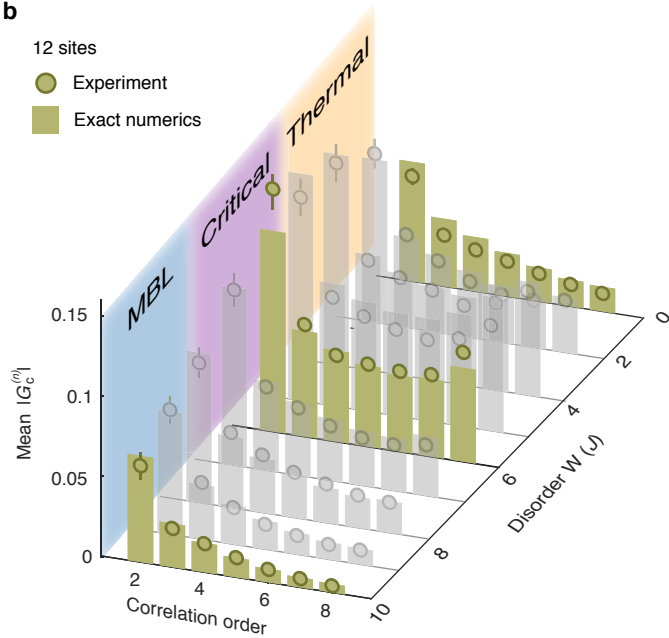
$$n=4 \quad \text{[Diagram: Four green dots in a light gray oval]} = \text{[Diagram: Four green dots in a dark gray oval]} - \text{[Diagram: Four green dots in a light gray oval]} - \dots - \text{[Diagram: Four green dots in a light gray oval]} - \dots - \text{[Diagram: Four green dots in a light gray oval]} - \dots$$

b

12 sites

● Experiment

■ Exact numerics



$$n=2 \quad \text{[Diagram: two dots in a light gray oval]} = \text{[Diagram: two dots in a dark gray oval]} - \text{[Diagram: two separate dots]}$$

$$n=3 \quad \text{[Diagram: three dots in a light gray circle]} = \text{[Diagram: three dots in a dark gray circle]} - \text{[Diagram: two dots in a light gray oval, one dot above]} - \text{[Diagram: two dots in a light gray oval, one dot to the left]} - \text{[Diagram: two dots in a light gray oval, one dot to the right]} - \text{[Diagram: three separate dots]}$$

$$n=4 \quad \text{[Diagram: two dots in a light gray oval, one dot above]} - \text{[Diagram: two dots in a dark gray oval, one dot above]} - \text{[Diagram: two dots in a light gray oval, one dot to the left]} - \text{[Diagram: two dots in a light gray oval, one dot to the right]} - \text{[Diagram: two dots in a light gray oval, one dot below]} - \text{[Diagram: two dots in a light gray oval, one dot to the left, one dot to the right]} - \text{[Diagram: two dots in a light gray oval, one dot above, one dot below]} - \text{[Diagram: two dots in a light gray oval, one dot to the left, one dot to the right, one dot above, one dot below]} - \text{[Diagram: four separate dots]}$$

$$n=2 \quad \text{[Diagram: two dots in a light gray oval]} = \text{[Diagram: two dots in a dark gray oval]} - \text{[Diagram: two separate dots]}$$

$$n=3 \quad \text{[Diagram: three dots in a light gray circle]} = \text{[Diagram: three dots in a dark gray circle]} - \text{[Diagram: two dots in a light gray oval, one dot above]} - \text{[Diagram: two dots in a light gray oval, one dot to the left]} - \text{[Diagram: two dots in a light gray oval, one dot to the right]} - \text{[Diagram: three separate dots]}$$

$$n=4 \quad \text{[Diagram: two dots in a light gray oval, one dot above]} - \text{[Diagram: two dots in a dark gray oval, one dot above]} - \text{[Diagram: two dots in a light gray oval, one dot to the left]} - \text{[Diagram: two dots in a light gray oval, one dot to the right]} - \text{[Diagram: two dots in a light gray oval, one dot below]} - \text{[Diagram: two dots in a light gray oval, one dot to the left, one dot to the right]} - \text{[Diagram: two dots in a light gray oval, one dot above, one dot below]} - \text{[Diagram: two dots in a light gray oval, one dot to the left, one dot to the right, one dot above, one dot below]} - \text{[Diagram: four separate dots]}$$

$$n=2 \quad \text{[Diagram: two dots in a light gray oval]} = \text{[Diagram: two dots in a dark gray oval]} - \text{[Diagram: two separate dots]}$$

$$n=3 \quad \text{[Diagram: three dots in a light gray circle]} = \text{[Diagram: three dots in a dark gray circle]} - \text{[Diagram: two dots in a light gray oval, one dot above]} - \text{[Diagram: two dots in a light gray oval, one dot to the left]} - \text{[Diagram: two dots in a light gray oval, one dot to the right]} - \text{[Diagram: three separate dots]}$$

$$n=4 \quad \text{[Diagram: two dots in a light gray oval, one dot above]} - \text{[Diagram: two dots in a dark gray oval, one dot above]} - \text{[Diagram: two dots in a light gray oval, one dot to the left]} - \text{[Diagram: two dots in a light gray oval, one dot to the right]} - \text{[Diagram: two dots in a light gray oval, one dot below]} - \text{[Diagram: two dots in a light gray oval, one dot to the left, one dot to the right]} - \text{[Diagram: two dots in a light gray oval, one dot above, one dot below]} - \text{[Diagram: two dots in a light gray oval, one dot to the left, one dot to the right, one dot above, one dot below]} - \text{[Diagram: four separate dots]}$$

$$n=2 \quad \text{[Diagram: two dots in a light gray oval]} = \text{[Diagram: two dots in a dark gray oval]} - \text{[Diagram: two separate dots]}$$

$$n=3 \quad \text{[Diagram: three dots in a light gray circle]} = \text{[Diagram: three dots in a dark gray circle]} - \text{[Diagram: two dots in a light gray oval, one dot above]} - \text{[Diagram: two dots in a light gray oval, one dot to the left]} - \text{[Diagram: two dots in a light gray oval, one dot to the right]} - \text{[Diagram: three separate dots]}$$

$$n=4 \quad \text{[Diagram: two dots in a light gray oval, one dot above]} - \text{[Diagram: two dots in a dark gray oval, one dot above]} - \text{[Diagram: two dots in a light gray oval, one dot to the left]} - \text{[Diagram: two dots in a light gray oval, one dot to the right]} - \text{[Diagram: two dots in a light gray oval, one dot below]} - \text{[Diagram: two dots in a light gray oval, one dot to the left, one dot to the right]} - \text{[Diagram: two dots in a light gray oval, one dot above, one dot below]} - \text{[Diagram: two dots in a light gray oval, one dot to the left, one dot to the right, one dot above, one dot below]} - \text{[Diagram: four separate dots]}$$