## [[observable.onesite]]

$$S^z = \begin{pmatrix} 0.5 & 0.0 \\ 0.0 & -0.5 \end{pmatrix}$$

Specify only non-zero elements elements = """

$$0\ 0.5\ 0.0 \ \longleftarrow \ \langle 0|S^z|0\rangle = 0.5$$

1 1 -0.5 0.0 
$$\langle 1|S^z|1\rangle = -0.5$$
  
Real Imaginary

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