

13 structure functions:

h

$$h_{00}^{\sim} = -\text{Im} W_{+-}^{00}$$

$$h_{11}^{\sim} = -\text{Im} (W_{+-}^{xx} + W_{+-}^{yy})$$

$$h_{01}^{\sim} = 2\sqrt{2} \text{Re} W_{+-}^{x0}$$

$$h_{1-1}^{\sim} = \text{Im} (W_{+-}^{xx} - W_{+-}^{yy}) \quad h_{01}^{\sim} = 2\sqrt{2} \text{Im} W_{+-}^{x0}$$

 P^{\sim}

• sind

 P'^{\sim}

$$h_{1-1}^{-S} = 2 \text{Re} W_{+-}^{xy}$$

$$h_{01}^{-S} = 2\sqrt{2} \text{Re} W_{+-}^{y0}$$

$$h_{11}^{1S} = -2 \text{Im} W_{+-}^{yx}$$

$$h_{01}^{1S} = 2\sqrt{2} \text{Im} W_{+-}^{y0}$$

sind

sind

 P^S P'^S

$$h_{1-1}^{-L} = 2 \text{Re} W_{+-}^{xy}$$

$$h_{01}^{-L} = 2\sqrt{2} \text{Re} W_{+-}^{y0}$$

$$h_{11}^{1L} = -2 \text{Im} W_{+-}^{yx}$$

$$h_{01}^{1L} = 2\sqrt{2} \text{Im} W_{+-}^{y0}$$

sind

sind

 P^L P'^L

$$\pm \longrightarrow dd' = \pm \frac{1}{2}$$

5 + 13 = 18 structure functions!

$$\frac{d\sigma_{h,\gamma}}{dP_0' dP_1'} = \sigma_0 \frac{1}{2} \left[1 + \vec{P} \cdot \vec{\sigma} + h(2A + \vec{P}' \cdot \vec{\sigma}) \right]$$

 σ_0 = unpolarized cross section P = outgoing proton polarization A = electron analyzing power P' = polarization transfer coefficient