

## SHAP Waterfall Plot – Sample 6 (True: FCR=1, Pred: 1)

FCR Trajectory Prediction

 $f(x) = 2.503$  $41.0 = \text{TCSQ\_NC}$ 

1.59

 $14.0 = \text{GAD7\_0}$ 

1.37

Average = Family\_Social\_Emotional\_Support

0.85

None = Life\_Economic\_Stress

+0.74

Bachelor or above = Education

0.67

 $53.0 = \text{Age}$ 

+0.62

Rural = Residence

0.3

No = Has\_Partner

0.16

Moderate = Perceived\_Severity\_of\_Condition

+0.12

Quite Close = Relationship\_with\_Family

+0.05

-2

-1

0

 $E[f(X)] = 0.911$