Time-SHAP explanation for instance i=0 Local explanation Predicted survival curve f(x) = 0.26863 = age-0.04Survival over time +0.02 1.25 = kappa $0 = sex_isMale$ +0.02 $3 = flc_group$ -0.02 $1997 = sample_yr$ -0.01+0.010.929 = lambda1.1 = creatinine---- S(t)0 = mgus0.2 population IQ range 0.28 0.29 0.30 0.26 0.27 0.31 2000 3000 4000 5000 1000 E[f(X)] = 0.275time Local explanation, time interval [0-1720] Local explanation, time interval [1720-3440] Local explanation, time interval [3440-5160] f(x) = 0.097f(x) = 0.161f(x) = 0.065-0.04+0.01 +0.02 $0 = sex_isMale$ 1.25 = kappa63 = age-0.02-0.01+0.011.25 = kappa $3 = flc_group$ $1997 = sample_yr$ -0.0263 = age $0 = sex_isMale$ 1.1 = creatinine+0.01 +0.01 -0.01 $0 = sex_isMale$ 63 = age0.929 = lambda+0.01 1.1 = creatinine0.929 = lambda $1997 = sample_yr$ $3 = flc_group$ 0.929 = lambda $\beta = flc_group$ 1997 = sample_yr +0 1.1 = creatinine1.25 = kappa0 = mgus + 0+0 0 = mgus0 = mgus0.04 0.05 0.06 0.07 0.08 0.09 0.10 0.12 0.14 0.16 0.13 0.14 0.15 0.16 0.12 E[f(X)] = 0.14E[f(X)] = 0.119E[f(X)] = 0.088