Recall that the primary object is to estimate the survival in a dynamic cohort of patients with diabetes mellitus (T2DM) inpatients (female 43%) provided data. Mean age was 62.67(SE:0.4) years. Time since diagnosis of T2DM was 10.4 (SD: 8.3) years. The most common comorbidities including ischemic heart disease (IHD), myocardial infarction (MI), congestive heart failure (CHF), stroke, angina, and revascularization surgery (RS)) and twelve microvascular complications (nephropathy (4 levels), retinopathy (4 levels) and neuropathy (4 levels)) were included in this study. Both ordinary least squares (OLS) model and fixed effect model were applied to estimate the complica-
tions and its impact on the overall health utility.