



*HMG091: Hypertension, hypertensive heart disease without complications and other unspecified heart disease; HMG019: Diabetes without or with unspecified complications; HMG058: Depression, other unspecified manic depressive and bipolar affective disorders; HMG057: Anxiety disorders and non-specific depressive disorders; HMG084: Coronary heart disease/other chronic ischemic heart diseases; HMG080: Heart failure; HMG092: Specified arrhythmias; HMG086: Acquired heart valve diseases and rheumatic heart disease; HMG071: Polyneuropathy; HMG237: COPD or emphysema without permanent medication; HMG152: Severe bacterial infections of the subcutaneous and adipose tissue; HMG131: Hypertensive and/or chronic renal disease/postoperative complications and infections in the genital tract; HMG215: COPD or emphysema with long-term medication, bronchiectasis, other interstitial lung diseases without long-term medication, other abnormalities of the lung/respiratory system; HMG020: Insulin therapy; and HMG083: Angina pectoris from a resolved old myocardial infarction.

Fig. S2. Benchmark analysis. Comorbidity distributions (all patients from 2015 with morbidity analysis in 2014) in the study sample (Statutory Health Insurance (SHI)) vs the GKV: German statutory health system, Source: "BVA – Bundesversicherungsamt – Grundlagenbescheid IV/2015 – Risikogruppenanteile" (GKV) database.