```
┌─────────────────────────┐
│  953 cases were extracted │
│  from the SACCSG-TR       │
└─────────────────────────┘
            │                        ┌──────────────────────────────┐
            │                        │ 18 cases were excluded: 4 had a non- │
            ├───────────────────────▶│ malignant diagnosis; 14 had missing  │
            │                        │ data or were lost to follow -up      │
            ▼                        └──────────────────────────────┘
┌─────────────────────────┐
│ 935 cases were included to describe │
│ the disease profile and to investigate │
│ the 5-year overall survival (OS) in │
│ association with sex, race, age group, │
│ HIV status, cancer diagnosis and other │
│ co-morbid diseases.     │
└─────────────────────────┘
            │                        ┌──────────────────────────────┐
            │                        │ 100 cases were excluded in the       │
            ├───────────────────────▶│ sub-analysis for cancer diagnosis,   │
            │                        │ stage and OS due to missing data     │
            │                        │ on stage of cancer at diagnosis      │
            ▼                        └──────────────────────────────┘
┌─────────────────────────┐
│ 835 cases were used for a │
│ sub-analysis to investigate │
│ the relationship between  │
│ cancer diagnosis, stage and │
│ OS                        │
└─────────────────────────┘
            │                        ┌──────────────────────────────┐
            │                        │ 161 cases were excluded due          │
            ├───────────────────────▶│ to missing anthropometric            │
            │                        │ data at diagnosis                    │
            ▼                        └──────────────────────────────┘
┌─────────────────────────┐
│ 674cases were used for a  │
│ sub-analysis to investigate │
│ the relationship between  │
│ nutritional status and OS │
└─────────────────────────┘
```

Figure 1 Inclusion and exclusion criteria