Inclusion and exclusion criteria in SEER (2004-2011)

Selection in SEER
- Site recode= Colon and Rectum
- Age at diagnosis=20-80
- Race=white, black and others
- Histology=ICD-O-3 8140, 8480, 8481,84904
- Year of diagnosis =2004-2011
- Surgery code = 30-80
- Survival months ≥1 months
- Primary tumor number = 1
- Classification M=M0
- Classification N=N0-2
- Classification T=T1-4
- Grade=well, moderately, poorly

Total 81,811
- Marrial status: unknown 3075
- Location : Unknown 875
- Cause of death: Unknown 374
- Number of lymph nodes sampled: Unknown 611
- Number of positive lymph nodes: Unknown 18

inclusion 76,858