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**MGH**

**Data Analyst R Exam**

**Tasks:**

1. Data in simpler format

ID	consent	latest_fup_date	radiation_start_date	radiation_end_date	death_date	recurrence_date	secondary_tumor_date	death	recurrence	secondary_tumor
1	2015-10-22	2020-06-01	2015-10-27	2015-11-03		2018-03-01		0	1	0
2	2017-02-15		2017-03-01	2017-04-02						
3	2020-06-22	2020-11-13	2020-06-24	2020-07-03	2020-11-13	2020-09-01		1	1	0
4	2013-01-11		2013-01-14	2013-01-19						
5	2015-07-04									
6	2011-09-19	2016-08-02	2011-10-02	2011-10-07	2016-08-02	2015-07-18		1	1	0
7	2018-05-13	2020-04-01	2018-05-15	2018-05-21			2020-03-25	0	0	1
8	2012-11-01									
9	2002-07-13									
10	2007-05-16	2011-10-05	2007-06-02	2007-07-01	2011-10-05	2009-09-04		1	1	0
11	2003-02-11	2010-11-06	2003-03-15	2003-03-18		2005-08-12	2009-01-10	0	1	1

2. The median follow-up available in this cohort is 4.47 years.

3. Summaries

- The number of patients deceased is 3.
- The number of patients with recurrences is 5.
- The number of patients who experienced a secondary tumor is 2.
- The number of patients that do not have at least 1 follow-up event recorded is 5.