

```

/* import data */
PROC IMPORT DATAFILE = '~/435/homework1/nsclc.xls'
    OUT = data
    DBMS = xls
    REPLACE;
    SHEET = 'Sheet1';
RUN;

/* calculate survival times */
DATA surv_data;
    SET data;

    /* overall survival */
    IF dod ^= . THEN DO;
        os = dod - dotx;
        os_censor_flag = 1;
    END;
    ELSE DO;
        os = dols - dotx;
        os_censor_flag = 0;
    END;

    /* progression free survival */
    IF dop ^= . THEN DO; /* know date of progression */
        pfs = dop - dotx;
        pfs_censor_flag = 1;
    END;
    ELSE IF dod ^= . THEN DO; /* know date of death */
        pfs = dod - dotx;
        pfs_censor_flag = 1;
    END;
    ELSE DO;
        pfs = dols - dotx;
        pfs_censor_flag = 0;
    END;
RUN;

/* export merged dataset */
LIBNAME exp_path "~/435/";

DATA exp_path.surv_data;
    SET surv_data;
RUN;

```