HW5_Shi

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Problem 3

```r
df <- read.csv('Edstats_csv/EdStatsData.csv')
df_clean <- df[apply(df, 1, function(x) !all(is.na(x[5:70]))),]
df_clean[is.na(df_clean)] <- 0
print('Row data:')
```

```
## [1] "Row data:"
```

```r
dim(df)
```

```
## [1] 886930     70
```

```r
print('Cleaned data:')
```

```
## [1] "Cleaned data:"
```

```r
dim(df_clean)
```

```
## [1] 357405     70
```

```r
c_1 <- df_clean[df_clean$Country.Code=="CPV",][5:70]
s_1 <- summary(c_1)
kable(c_1, caption = "summary for China")
```

Table: summary for China

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
208906	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208907	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208908	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208909	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208910	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208911	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208912	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208913	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208914	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208915	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208916	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208917	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208918	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208919	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208920	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208921	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
208922	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208923	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208924	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208925	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208926	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208927	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208928	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208929	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208930	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208931	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208932	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208933	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208934	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208935	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208936	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208938	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208939	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208940	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208941	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208942	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208943	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208944	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208946	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208947	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208948	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208949	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208950	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208952	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208953	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208954	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208956	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208959	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208960	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208961	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208962	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208963	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208964	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208967	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208968	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208969	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208970	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208971	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208972	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208973	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208974	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208979	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208980	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208984	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208986	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208987	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
208988	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208989	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208990	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208991	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208992	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208993	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208995	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208996	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208997	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208998	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
208999	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209003	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209004	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209005	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209006	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209007	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209008	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209009	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209010	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209014	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209015	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209016	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209020	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209021	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209022	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209023	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209024	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209025	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209026	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209027	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209028	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209029	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209030	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209032	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209033	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209034	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209035	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209036	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209037	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209416	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209417	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209418	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209419	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209420	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209421	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209423	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209424	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209425	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209426	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209427	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209428	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
209430	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209431	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209432	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209433	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209434	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209435	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209438	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209439	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209440	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209441	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209442	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209443	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209575	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209576	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209577	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209578	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209579	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209580	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209581	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209582	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209583	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209584	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209585	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209586	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209590	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209591	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209592	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209596	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209597	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209598	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209602	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	20.252440	3.322842e+01	1.680774e+01
209603	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	29.555759	2.617671e+01	0.000000e+00
209604	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.218750	4.165844e+01	0.000000e+00
209608	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209609	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209610	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209611	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209612	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209613	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209614	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
209615	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210019	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210020	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210021	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210022	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210023	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210024	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210025	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210026	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210027	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210028	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210029	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
210030	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210031	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210032	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210039	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	7.030000e+02	8.570000e+02
210040	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210041	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	20477.000000	1.921200e+04	2.870000e+04
210042	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	10386.000000	9.476000e+03	1.404800e+04
210043	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	4.220000e+02	5.420000e+02
210044	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210045	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	13563.000000	1.410900e+04	1.381300e+04
210046	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6521.000000	7.012000e+03	6.812000e+03
210047	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	3.050000e+02	2.490000e+02
210048	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210049	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7934.000000	9.711000e+03	9.757000e+03
210050	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3685.000000	4.578000e+03	4.739000e+03
210053	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4480.000000	5.972000e+03	7.925000e+03
210054	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1936.000000	2.707000e+03	3.222000e+03
210057	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1743.000000	2.224000e+03	2.481000e+03
210058	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1103.000000	1.211000e+03	1.294000e+03
210061	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1227.000000	1.327000e+03	2.118000e+03
210062	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	772.000000	7.760000e+02	0.000000e+00
210065	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210066	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210067	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210068	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210069	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210070	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210073	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210074	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210077	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210078	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210081	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210082	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210083	0.000000e+00	0.000000e+00	2.064100e+04	1.688900e+04	14996.000000	1.657400e+04	0.000000e+00
210084	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210085	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210086	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210087	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210088	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210089	0.000000e+00	2.790800e+04	3.442100e+04	4.276600e+04	49424.000000	5.255500e+04	6.479400e+04
210090	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	24403.000000	2.576000e+04	0.000000e+00
210093	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210094	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210095	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210096	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210097	0.000000e+00	0.000000e+00	4.096000e+03	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210098	0.000000e+00	0.000000e+00	2.043000e+03	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210099	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210100	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210101	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210102	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210103	0.000000e+00	0.000000e+00	3.473000e+03	0.000000e+00	4420.000000	5.504000e+03	2.025000e+03

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
210104	0.000000e+00	0.000000e+00	1.737000e+03	0.000000e+00	1785.000000	2.512000e+03	9.570000e+02
210105	0.000000e+00	5.780000e+02	6.230000e+02	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210106	0.000000e+00	1.580000e+02	3.060000e+02	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210107	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210108	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210109	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210110	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210111	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210112	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210113	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210114	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210115	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210116	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210117	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210118	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210119	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210120	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210121	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210122	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210123	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210124	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210125	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210126	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210127	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210128	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210129	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210131	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210134	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210135	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210136	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210137	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210139	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210142	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210144	0.000000e+00	0.000000e+00	1.000000e+00	0.000000e+00	0.000000	2.512000e+03	9.000000e+00
210145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210148	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210149	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210150	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210151	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210152	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210153	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210154	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210155	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210156	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210157	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210158	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210160	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210161	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
210162	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210163	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210164	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210165	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210166	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210167	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210168	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210169	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210172	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210178	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210179	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210180	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210182	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210183	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210184	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210185	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210186	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210187	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210188	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210189	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210190	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210191	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210192	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210193	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210194	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210195	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210196	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210197	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210205	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210206	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210207	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210208	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210213	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210215	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210216	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210217	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210218	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210220	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210221	0.000000e+00	0.000000e+00	1.070702e+02	8.908170e+01	81.548752	9.320661e+01	0.000000e+00
210222	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210223	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210224	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210225	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210228	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210229	0.000000e+00	0.000000e+00	4.589892e+01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210230	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
210231	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210232	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210233	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210234	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210235	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210237	0.000000e+00	5.699814e+01	6.782864e+01	8.226920e+01	94.131989	1.001506e+02	1.248536e+02
210238	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	89.545723	9.500627e+01	0.000000e+00
210239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.903760	8.992500e-01	0.000000e+00
210240	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	99.081299	1.056502e+02	0.000000e+00
210241	0.000000e+00	0.000000e+00	1.234851e+01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210242	0.000000e+00	0.000000e+00	1.190906e+01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210243	0.000000e+00	0.000000e+00	9.290000e-01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210244	0.000000e+00	0.000000e+00	1.281923e+01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210245	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210246	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210247	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210249	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210250	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210251	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210252	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210253	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210254	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210255	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210257	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210258	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210259	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210260	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210261	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210262	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210263	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210264	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210265	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210266	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210267	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210268	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210269	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210270	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210271	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210272	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210273	0.000000e+00	5.000000e+00	6.000000e+00	8.226920e+00	0.000000	0.000000e+00	1.248536e+02
210274	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210275	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210276	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210278	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210279	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210281	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210291	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
210292	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210293	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210294	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210295	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210296	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210424	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210425	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210426	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210427	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210548	1.709000e+02	1.576000e+02	1.452000e+02	1.343000e+02	124.400000	1.157000e+02	1.082000e+02
210549	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210550	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210554	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210555	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210556	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210558	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210560	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210561	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210562	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210563	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210565	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210566	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210567	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210568	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210569	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210570	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210571	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210572	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210573	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210574	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210575	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210576	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210577	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210578	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210579	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210580	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210581	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210582	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210583	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210584	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210585	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210586	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210587	1.300000e+01	1.300000e+01	1.300000e+01	1.300000e+01	13.000000	1.300000e+01	1.300000e+01
210588	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210589	5.000000e+00	5.000000e+00	5.000000e+00	5.000000e+00	5.000000	5.000000e+00	5.000000e+00
210590	7.000000e+00	7.000000e+00	7.000000e+00	7.000000e+00	7.000000	7.000000e+00	7.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
210591	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210592	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210593	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210594	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210595	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210596	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210597	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210598	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210599	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210600	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210601	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210602	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210603	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210604	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210605	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210606	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210607	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210608	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210609	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210610	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210751	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210752	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210753	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210754	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210755	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210756	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210758	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210760	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210761	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210762	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210763	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210764	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210774	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210775	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210776	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210779	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210780	0.000000e+00	0.000000e+00	8.502203e+01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210781	0.000000e+00	0.000000e+00	1.497797e+01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210782	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210783	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210784	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210785	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210786	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210787	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210788	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210789	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210790	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210791	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210792	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210793	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210794	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210795	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
210796	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210797	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210798	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210799	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210800	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210801	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210802	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210825	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210826	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210837	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210838	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210839	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210842	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210843	0.000000e+00	0.000000e+00	8.455918e+01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210844	0.000000e+00	0.000000e+00	1.544082e+01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210845	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210846	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210847	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210848	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210849	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210850	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210851	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210852	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210853	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210854	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210855	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210856	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210857	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210858	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210859	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210860	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210861	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210863	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210864	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210865	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210866	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210867	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210868	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210869	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210870	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210871	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210872	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210873	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210874	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210875	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210876	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210877	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210878	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210879	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210880	0.000000e+00	0.000000e+00	8.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210881	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210882	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
210883	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210884	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210885	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210886	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210887	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210888	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210889	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210890	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210891	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210892	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210893	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210894	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210895	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210896	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210897	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	33.103840	1.991906e+01	1.680774e+01
210898	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	22.846781	2.386457e+01	1.599691e+01
210899	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	50.781250	1.520237e+01	1.769166e+01
210900	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210901	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210902	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210903	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	33.740829	2.147702e+01	2.223796e+01
210904	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	31.994820	2.203608e+01	0.000000e+00
210905	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	36.703300	2.068966e+01	0.000000e+00
210909	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210910	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210911	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210912	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210913	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210914	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210915	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210916	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210917	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210918	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210919	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210920	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210921	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210922	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210923	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210924	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210925	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210926	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210927	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210928	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210930	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210932	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210933	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210936	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210937	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210939	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210940	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210941	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	49.374802	4.901532e+01	0.000000e+00
210942	0.000000e+00	0.000000e+00	8.479004e+01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
210943	0.000000e+00	0.000000e+00	1.520996e+01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210944	0.000000e+00	0.000000e+00	4.987793e+01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210945	0.000000e+00	0.000000e+00	5.001440e+01	0.000000e+00	40.384621	4.563953e+01	4.725926e+01
210946	0.000000e+00	2.733564e+01	4.911717e+01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210947	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210948	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210949	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210950	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210951	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210952	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210953	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210954	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210955	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210956	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210957	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210958	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	2.000000e+00	0.000000e+00
210959	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210960	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210961	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210962	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210963	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210964	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210965	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210966	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210967	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210968	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210969	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210970	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210971	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210972	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210973	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210974	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210975	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210977	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210978	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210979	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210980	0.000000e+00	0.000000e+00	1.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210981	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210982	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210983	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210984	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210986	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210987	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210988	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210989	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
210990	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211213	1.976865e+00	1.028747e+00	2.411081e-01	-2.363462e-01	-0.261509	4.809850e-02	4.501221e-01
211214	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211215	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211216	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211217	2.036900e+04	2.043400e+04	2.025000e+04	2.022600e+04	20665.000000	2.155500e+04	2.278800e+04

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
211218	1.029800e+04	1.047000e+04	1.059600e+04	1.079400e+04	11166.000000	1.170900e+04	1.239300e+04
211219	1.007100e+04	9.964000e+03	9.654000e+03	9.432000e+03	9499.000000	9.846000e+03	1.039500e+04
211220	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211221	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211222	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211223	1.867100e+04	1.916000e+04	1.927800e+04	1.895900e+04	18389.000000	1.778200e+04	1.736000e+04
211224	9.510000e+03	9.755000e+03	9.772000e+03	9.536000e+03	9157.000000	8.766000e+03	8.493000e+03
211225	9.161000e+03	9.405000e+03	9.506000e+03	9.423000e+03	9232.000000	9.016000e+03	8.867000e+03
211226	4.671400e+04	4.896300e+04	5.074700e+04	5.198300e+04	52505.000000	5.247600e+04	5.189600e+04
211227	2.407200e+04	2.533100e+04	2.637300e+04	2.703500e+04	27252.000000	2.711400e+04	2.662100e+04
211228	2.264200e+04	2.363200e+04	2.437400e+04	2.494800e+04	25253.000000	2.536200e+04	2.527500e+04
211229	3.258900e+04	3.340400e+04	3.317000e+04	3.282200e+04	32912.000000	3.359100e+04	3.507800e+04
211230	1.636800e+04	1.694300e+04	1.715500e+04	1.734100e+04	17716.000000	1.834100e+04	1.930100e+04
211231	1.622100e+04	1.646100e+04	1.601500e+04	1.548100e+04	15196.000000	1.525000e+04	1.577700e+04
211232	1.765400e+04	2.056700e+04	2.331300e+04	2.540000e+04	26562.000000	2.707300e+04	2.700800e+04
211233	8.867000e+03	1.028500e+04	1.164800e+04	1.275400e+04	13504.000000	1.405000e+04	1.444800e+04
211234	8.787000e+03	1.028200e+04	1.166500e+04	1.264600e+04	13058.000000	1.302300e+04	1.256000e+04
211235	6.976000e+03	7.105000e+03	7.329000e+03	7.656000e+03	7942.000000	8.294000e+03	8.589000e+03
211236	3.590000e+03	3.700000e+03	3.865000e+03	4.056000e+03	4220.000000	4.415000e+03	4.564000e+03
211237	3.386000e+03	3.405000e+03	3.464000e+03	3.600000e+03	3722.000000	3.879000e+03	4.025000e+03
211238	1.222000e+04	1.297000e+04	1.292000e+04	1.259600e+04	12247.000000	1.203600e+04	1.229000e+04
211239	6.070000e+03	6.473000e+03	6.559000e+03	6.547000e+03	6550.000000	6.632000e+03	6.908000e+03
211240	6.150000e+03	6.497000e+03	6.361000e+03	6.049000e+03	5697.000000	5.404000e+03	5.382000e+03
211241	8.751000e+03	9.151000e+03	9.382000e+03	9.351000e+03	9157.000000	8.901000e+03	8.646000e+03
211242	4.487000e+03	4.695000e+03	4.809000e+03	4.770000e+03	4633.000000	4.459000e+03	4.285000e+03
211243	4.264000e+03	4.456000e+03	4.573000e+03	4.581000e+03	4524.000000	4.442000e+03	4.361000e+03
211244	6.880000e+03	6.909000e+03	6.919000e+03	7.101000e+03	7423.000000	7.750000e+03	8.179000e+03
211245	3.510000e+03	3.576000e+03	3.651000e+03	3.793000e+03	3979.000000	4.164000e+03	4.399000e+03
211246	3.370000e+03	3.333000e+03	3.268000e+03	3.308000e+03	3444.000000	3.586000e+03	3.780000e+03
211247	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211249	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211250	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211251	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211252	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211253	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211254	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211255	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211257	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211258	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211259	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211260	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211261	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211262	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211263	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211264	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211265	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211266	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211267	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211268	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211269	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
211270	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211271	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211272	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211273	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211274	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211275	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211276	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211278	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211279	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211281	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211282	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211283	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211284	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211285	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211286	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211287	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211288	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211289	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211290	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211291	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211292	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211293	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211294	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211295	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211296	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211297	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211298	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211299	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211300	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211301	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211302	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211303	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211304	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211305	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211306	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211307	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211308	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211309	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211310	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211311	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211312	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211313	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211314	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211315	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211316	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211317	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211318	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211319	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211320	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211321	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
211322	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211323	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211324	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211325	4.851960e+01	4.834537e+01	4.836233e+01	4.844453e+01	48.431463	4.827456e+01	4.833182e+01
211326	6.662500e+04	6.716900e+04	6.742100e+04	6.736800e+04	67070.000000	6.670500e+04	6.688400e+04
211327	6.447400e+04	6.481200e+04	6.493000e+04	6.489800e+04	64811.000000	6.480200e+04	6.537700e+04
211328	1.310990e+05	1.319790e+05	1.323440e+05	1.322560e+05	131875.000000	1.315110e+05	1.322610e+05
211329	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211330	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211331	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211332	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211334	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211335	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211336	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211337	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211338	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211339	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211340	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211341	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211342	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211343	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211344	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211345	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211346	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211347	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211348	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211349	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211350	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211351	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211352	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211353	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211354	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211355	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211356	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211357	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211358	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211359	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211360	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211361	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211362	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211363	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211364	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211365	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211366	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211367	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211368	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211369	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211370	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211371	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211372	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211373	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
211374	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211375	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211376	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211377	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211378	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211379	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211380	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211381	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211382	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211383	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211384	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211385	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211386	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211387	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211388	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211389	4.747296e+01	4.746513e+01	4.723973e+01	4.694859e+01	46.782131	4.681213e+01	4.665670e+01
211390	6.843400e+04	6.918400e+04	6.921200e+04	6.897600e+04	69058.000000	6.974700e+04	7.056100e+04
211391	5.983600e+04	6.038800e+04	6.005100e+04	5.919000e+04	58320.000000	5.777900e+04	5.711400e+04
211392	1.282710e+05	1.295760e+05	1.292720e+05	1.281720e+05	127384.000000	1.275270e+05	1.276770e+05
211393	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211394	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211395	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211397	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211398	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211399	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211400	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211401	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211402	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211403	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211404	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211405	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211406	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211407	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211408	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211409	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211410	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211411	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211412	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211413	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211414	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211415	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211416	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211417	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211418	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211419	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211420	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211421	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211422	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211423	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211424	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211425	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
211426	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211427	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211428	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211429	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211430	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211431	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211432	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211433	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211434	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211435	1.414640e+05	1.430700e+05	1.436540e+05	1.436420e+05	143675.000000	1.442030e+05	1.453700e+05
211436	5.235552e+01	5.240827e+01	5.249535e+01	5.261515e+01	52.765006	5.293362e+01	5.312236e+01
211437	1.287340e+05	1.299220e+05	1.299970e+05	1.293630e+05	128617.000000	1.282200e+05	1.282820e+05
211438	4.764448e+01	4.759173e+01	4.750465e+01	4.738485e+01	47.234994	4.706638e+01	4.687764e+01
211439	2.701980e+05	2.729920e+05	2.736510e+05	2.730050e+05	272292.000000	2.724230e+05	2.736520e+05
211440	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211441	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	10.236720	1.256330e+01	1.917569e+01
211442	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	12.440760	1.370328e+01	0.000000e+00
211443	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.607800	1.216360e+00	0.000000e+00
211444	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.737780	1.126579e+01	0.000000e+00
211445	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211446	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211447	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211448	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211449	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211450	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211451	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211452	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211453	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211454	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211455	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211456	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211457	0.000000e+00	3.823014e+01	3.537616e+01	0.000000e+00	46.277149	4.231481e+01	5.212711e+01
211458	0.000000e+00	0.000000e+00	1.969231e+01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211459	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211460	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211461	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211462	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211463	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211464	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211465	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211466	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211467	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211468	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211469	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211470	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211471	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211472	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211473	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211474	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211475	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211476	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211477	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
211478	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211479	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211480	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211481	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211482	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211483	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211484	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211487	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211488	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211491	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	577.000000	4.430000e+02	4.170000e+02
211492	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	252.000000	2.890000e+02	2.070000e+02
211495	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	414.000000	2.850000e+02	4.710000e+02
211496	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	247.000000	1.710000e+02	2.710000e+02
211499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211500	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211501	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211502	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211503	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211504	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211505	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211506	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211508	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211509	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211510	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211511	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211512	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211513	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211514	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211515	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211516	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211517	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211518	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211519	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211520	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211524	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211525	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211526	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211530	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	33.103840	1.991906e+01	1.680774e+01
211531	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	22.846781	2.386457e+01	1.599691e+01
211532	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	50.781250	1.520237e+01	1.769166e+01
211533	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	33.740829	2.147702e+01	2.223796e+01
211534	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	31.994820	2.203608e+01	0.000000e+00
211535	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	36.703300	2.068966e+01	0.000000e+00
211539	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211540	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211541	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211542	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211543	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211544	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211814	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211815	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
211816	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211817	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211818	0.000000e+00	0.000000e+00	2.141400e+00	1.781630e+00	1.630980	1.864130e+00	0.000000e+00
211819	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211820	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211821	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211822	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211824	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211825	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211826	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211827	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211828	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211829	0.000000e+00	0.000000e+00	4.687140e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211830	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211831	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211832	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211833	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211834	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211835	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211836	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211837	0.000000e+00	3.419890e+00	4.069720e+00	4.936150e+00	5.647920	6.009030e+00	7.491210e+00
211838	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.372740	5.700380e+00	0.000000e+00
211839	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.903760	8.992500e-01	0.000000e+00
211840	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.944880	6.339010e+00	0.000000e+00
211841	0.000000e+00	0.000000e+00	6.174300e-01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211842	0.000000e+00	0.000000e+00	5.954500e-01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211843	0.000000e+00	0.000000e+00	9.290000e-01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211844	0.000000e+00	0.000000e+00	6.409600e-01	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211845	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211846	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211847	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211848	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211852	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211853	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211854	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211855	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211856	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211857	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211858	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211859	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211860	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211861	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211862	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211863	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211864	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211865	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211866	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211867	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211868	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211869	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211870	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
211871	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211872	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211873	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211874	0.000000e+00	7.300000e+02	9.730000e+02	0.000000e+00	1068.000000	1.242000e+03	1.243000e+03
211875	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211876	0.000000e+00	0.000000e+00	2.080000e+02	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211877	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211878	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211879	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211880	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211881	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211882	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211883	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211884	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211885	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211886	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211887	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211888	3.000000e+00	3.000000e+00	3.000000e+00	3.000000e+00	3.000000	3.000000e+00	3.000000e+00
211889	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211890	2.000000e+00	2.000000e+00	2.000000e+00	2.000000e+00	2.000000	2.000000e+00	2.000000e+00
211891	6.000000e+00	6.000000e+00	6.000000e+00	6.000000e+00	6.000000	6.000000e+00	6.000000e+00
211892	5.000000e+00	5.000000e+00	5.000000e+00	5.000000e+00	5.000000	5.000000e+00	5.000000e+00
211893	2.000000e+00	2.000000e+00	2.000000e+00	2.000000e+00	2.000000	2.000000e+00	2.000000e+00
211994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211995	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211996	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211997	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211998	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
211999	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212001	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212002	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212003	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212004	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212113	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212115	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212116	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212117	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212119	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212120	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212121	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212123	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212124	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212125	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212127	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212128	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212129	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212131	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212132	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212133	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212135	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212136	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
212137	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212139	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212140	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212246	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212247	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212249	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212250	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212251	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212252	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212253	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212254	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212255	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212257	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212258	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212259	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212260	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212261	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212262	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212263	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212264	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212265	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212266	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212267	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212268	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212269	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212270	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212271	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212272	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212273	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212274	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212275	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212276	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212278	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212279	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212281	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212282	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212283	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212284	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212285	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212286	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212287	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212288	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212289	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212290	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212291	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
212292	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212293	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212294	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212295	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212296	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212297	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212298	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212299	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212300	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212301	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212302	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212303	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212304	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212305	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212306	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212307	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212308	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212309	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212310	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212311	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212312	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212313	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212314	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212315	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212316	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212317	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212318	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212319	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212320	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212321	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212322	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212323	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212324	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212325	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212326	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212327	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212328	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212329	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212330	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212331	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212332	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212334	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212335	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212336	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212337	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212338	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212339	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212340	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212341	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212342	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212343	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
212344	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212345	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212346	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212347	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212348	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212349	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212350	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212351	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212352	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212353	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212354	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212355	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212356	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212357	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212358	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212359	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212360	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212361	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212362	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212363	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212364	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212365	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212366	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212367	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212368	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212369	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212370	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212371	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212372	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212373	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212374	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212375	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212376	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212377	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212378	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212379	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212380	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212381	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212382	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212383	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212384	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212385	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212386	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212387	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212388	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212389	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212390	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212391	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212392	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212393	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212394	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212395	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
212396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212397	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212398	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212399	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212400	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212401	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212402	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212403	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212404	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212405	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212406	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212407	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212408	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212409	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212410	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212411	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212412	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212413	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212414	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212415	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212416	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212417	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212418	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212419	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212420	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212421	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212422	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212423	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212424	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212425	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212426	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212427	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212428	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212429	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212430	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212431	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212432	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212433	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212434	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212435	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212436	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212437	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212438	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212439	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212440	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212441	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212442	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212443	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212444	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212445	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212446	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212447	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
212448	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212449	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212450	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212451	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212452	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212453	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212454	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212455	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212456	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212457	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212458	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212459	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212460	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212461	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212462	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212463	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212464	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212465	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212466	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212467	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212468	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212469	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212470	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212471	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212472	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212473	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212474	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212475	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212476	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212477	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212478	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212479	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212480	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212481	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212482	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212483	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212484	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212485	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212486	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212487	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212488	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212489	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212490	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212491	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212492	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212493	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212494	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212495	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212496	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212497	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212498	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
212500	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212501	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212502	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212503	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212504	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212505	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212506	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212508	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212509	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212510	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212511	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212512	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212513	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212514	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212515	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212516	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212517	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212518	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212519	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212520	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212521	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212522	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212523	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212524	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212525	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212526	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212527	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212530	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212531	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212532	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212533	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212534	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212535	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212536	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212537	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212538	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212539	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212540	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212541	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212542	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212543	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212544	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212545	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212546	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212547	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212548	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212549	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212550	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
212552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212554	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212555	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212556	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212558	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212560	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212561	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212562	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212563	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212565	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212566	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212567	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212568	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212569	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00
212570	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000	0.000000e+00	0.000000e+00

```r
c_2 <- df_clean[df_clean$Country.Code=="KEN",][5:70]
s_2<- summary(c_2)
kable(c_2, caption = "summary for Kenya")
```

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
458126	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458127	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458128	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458129	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458130	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458131	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458132	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458133	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458134	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458135	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458136	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458137	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458139	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458140	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458142	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458146	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458147	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458148	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458149	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
458179	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458180	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458182	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458234	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458235	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458254	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458255	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458257	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458275	1.260000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.510000e+00	0.000000e+00
458276	1.930000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.260000e+00	0.000000e+00
458277	2.630000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.840000e+00	0.000000e+00
458278	3.160000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.340000e+00	0.000000e+00
458279	2.130000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.320000e+00	0.000000e+00
458280	3.150000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.410000e+00	0.000000e+00
458281	6.400000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.700000e-01	0.000000e+00
458282	1.270000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.590000e+00	0.000000e+00
458283	1.190000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.020000e+00	0.000000e+00
458284	2.180000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.080000e+00	0.000000e+00
458285	7.800000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.100000e+00	0.000000e+00
458286	1.590000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.040000e+00	0.000000e+00
458287	7.800000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.700000e-01	0.000000e+00
458288	1.590000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.690000e+00	0.000000e+00
458289	4.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.100000e-01	0.000000e+00
458290	1.010000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.480000e+00	0.000000e+00
458291	4.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.300000e-01	0.000000e+00
458292	1.010000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.130000e+00	0.000000e+00
458293	2.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.700000e-01	0.000000e+00
458294	6.500000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.800000e-01	0.000000e+00
458295	2.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.600000e-01	0.000000e+00
458296	6.500000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.700000e-01	0.000000e+00
458297	1.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.600000e-01	0.000000e+00
458298	3.300000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.700000e-01	0.000000e+00
458299	1.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.900000e-01	0.000000e+00
458300	3.300000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.800000e-01	0.000000e+00
458301	1.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.900000e-01	0.000000e+00
458302	3.300000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.800000e-01	0.000000e+00
458303	1.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.900000e-01	0.000000e+00
458304	3.300000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.800000e-01	0.000000e+00
458305	1.100000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.900000e-01	0.000000e+00
458306	2.300000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.700000e-01	0.000000e+00
458307	1.900000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.100000e-01	0.000000e+00
458308	2.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.300000e-01	0.000000e+00
458309	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.300000e-01	0.000000e+00
458310	4.800000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.300000e-01	0.000000e+00
458311	7.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-01	0.000000e+00
458312	1.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.400000e-01	0.000000e+00
458313	1.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.200000e-01	0.000000e+00
458314	2.800000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.300000e-01	0.000000e+00
458315	8.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.100000e-01	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
458316	1.900000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-01	0.000000e+00
458317	8.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.000000e-02	0.000000e+00
458318	1.900000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.100000e-01	0.000000e+00
458319	5.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.000000e-02	0.000000e+00
458320	1.300000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.900000e-01	0.000000e+00
458321	5.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.000000e-02	0.000000e+00
458322	1.300000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.400000e-01	0.000000e+00
458323	5.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.000000e-02	0.000000e+00
458324	1.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.300000e-01	0.000000e+00
458325	5.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.000000e-02	0.000000e+00
458326	1.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.000000e-02	0.000000e+00
458327	4.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.000000e-02	0.000000e+00
458328	6.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.000000e-02	0.000000e+00
458329	4.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.000000e-02	0.000000e+00
458330	6.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.000000e-02	0.000000e+00
458331	4.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.000000e-02	0.000000e+00
458332	6.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.000000e-02	0.000000e+00
458333	4.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.000000e-02	0.000000e+00
458334	6.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.000000e-02	0.000000e+00
458335	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458336	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-02	0.000000e+00
458337	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458338	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458339	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.000000e-02	0.000000e+00
458340	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.000000e-02	0.000000e+00
458341	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458342	2.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.000000e-02	0.000000e+00
458343	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.000000e-02	0.000000e+00
458344	2.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-02	0.000000e+00
458345	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458346	2.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-02	0.000000e+00
458347	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458348	2.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-02	0.000000e+00
458349	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458350	2.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.000000e-02	0.000000e+00
458351	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458352	2.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.000000e-02	0.000000e+00
458353	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458354	2.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.000000e-02	0.000000e+00
458355	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458356	2.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.000000e-02	0.000000e+00
458357	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458358	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.000000e-02	0.000000e+00
458359	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458360	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458361	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458362	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458363	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458364	1.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.000000e-02	0.000000e+00
458365	1.370000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.710000e+00	0.000000e+00
458366	2.170000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.660000e+00	0.000000e+00
458367	2.820000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.160000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
458368	3.420000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.780000e+00	0.000000e+00
458369	2.340000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.670000e+00	0.000000e+00
458370	3.640000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.200000e+00	0.000000e+00
458371	7.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.900000e-01	0.000000e+00
458372	1.450000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.860000e+00	0.000000e+00
458373	1.300000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.250000e+00	0.000000e+00
458374	2.480000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.650000e+00	0.000000e+00
458375	8.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.220000e+00	0.000000e+00
458376	1.800000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.370000e+00	0.000000e+00
458377	8.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.700000e-01	0.000000e+00
458378	1.800000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.930000e+00	0.000000e+00
458379	5.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.000000e-01	0.000000e+00
458380	1.160000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.690000e+00	0.000000e+00
458381	5.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.000000e-01	0.000000e+00
458382	1.160000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.290000e+00	0.000000e+00
458383	3.100000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.400000e-01	0.000000e+00
458384	7.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.030000e+00	0.000000e+00
458385	3.100000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.200000e-01	0.000000e+00
458386	7.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.800000e-01	0.000000e+00
458387	1.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.200000e-01	0.000000e+00
458388	3.900000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.800000e-01	0.000000e+00
458389	1.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.300000e-01	0.000000e+00
458390	3.900000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.500000e-01	0.000000e+00
458391	1.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.400000e-01	0.000000e+00
458392	3.900000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.600000e-01	0.000000e+00
458393	1.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.400000e-01	0.000000e+00
458394	3.900000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.600000e-01	0.000000e+00
458395	7.570000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.831000e+01	0.000000e+00
458396	9.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.140000e+00	0.000000e+00
458397	2.170000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.752000e+01	0.000000e+00
458398	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.800000e-01	0.000000e+00
458399	2.400000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.810000e+00	0.000000e+00
458400	9.000000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.000000e-01	0.000000e+00
458401	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.200000e-01	0.000000e+00
458402	5.030000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.122000e+01	0.000000e+00
458403	2.070000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.478000e+01	0.000000e+00
458404	4.500000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.120000e+01	0.000000e+00
458405	1.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.800000e-01	0.000000e+00
458406	4.700000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.290000e+00	0.000000e+00
458407	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.000000e-02	0.000000e+00
458408	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.900000e-01	0.000000e+00
458409	6.110000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.612000e+01	0.000000e+00
458410	1.740000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.487000e+01	0.000000e+00
458411	3.410000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.637000e+01	0.000000e+00
458412	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.000000e-01	0.000000e+00
458413	4.400000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.710000e+00	0.000000e+00
458414	1.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.200000e-01	0.000000e+00
458415	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.100000e-01	0.000000e+00
458416	8.670000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.087000e+01	0.000000e+00
458417	3.500000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.550000e+00	0.000000e+00
458418	1.190000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.704000e+01	0.000000e+00
458419	1.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.000000e-01	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
458420	1.200000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.830000e+00	0.000000e+00
458421	1.800000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.200000e-01	0.000000e+00
458422	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.700000e-01	0.000000e+00
458423	7.540000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.950000e+01	0.000000e+00
458424	7.200000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.220000e+01	0.000000e+00
458425	2.230000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.550000e+01	0.000000e+00
458426	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.900000e-01	0.000000e+00
458427	2.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.460000e+00	0.000000e+00
458428	1.700000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-01	0.000000e+00
458429	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.300000e-01	0.000000e+00
458430	8.330000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.549000e+01	0.000000e+00
458431	3.800000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.420000e+00	0.000000e+00
458432	1.500000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.225000e+01	0.000000e+00
458433	1.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.600000e-01	0.000000e+00
458434	1.400000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.000000e+00	0.000000e+00
458435	1.700000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.200000e-01	0.000000e+00
458436	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.900000e-01	0.000000e+00
458437	8.330000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.983000e+01	0.000000e+00
458438	3.800000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.060000e+00	0.000000e+00
458439	1.500000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.825000e+01	0.000000e+00
458440	1.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.500000e-01	0.000000e+00
458441	1.400000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.400000e+00	0.000000e+00
458442	1.900000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.500000e-01	0.000000e+00
458443	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.900000e-01	0.000000e+00
458444	9.060000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.420000e+01	0.000000e+00
458445	2.600000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.420000e+00	0.000000e+00
458446	8.300000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.441000e+01	0.000000e+00
458447	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.500000e-01	0.000000e+00
458448	9.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.400000e+00	0.000000e+00
458449	1.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.200000e-01	0.000000e+00
458450	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.500000e-01	0.000000e+00
458451	9.060000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.821000e+01	0.000000e+00
458452	2.600000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.020000e+00	0.000000e+00
458453	8.300000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.073000e+01	0.000000e+00
458454	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.100000e-01	0.000000e+00
458455	9.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.000000e-01	0.000000e+00
458456	1.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.800000e-01	0.000000e+00
458457	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.900000e-01	0.000000e+00
458458	9.490000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.204000e+01	0.000000e+00
458459	1.300000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.330000e+00	0.000000e+00
458460	4.200000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.080000e+00	0.000000e+00
458461	1.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.200000e-01	0.000000e+00
458462	6.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.000000e-01	0.000000e+00
458463	1.800000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.500000e-01	0.000000e+00
458464	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.500000e-01	0.000000e+00
458465	9.490000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.440000e+01	0.000000e+00
458466	1.300000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.400000e-01	0.000000e+00
458467	4.200000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.830000e+00	0.000000e+00
458468	1.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.700000e-01	0.000000e+00
458469	6.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.000000e-01	0.000000e+00
458470	1.700000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.700000e-01	0.000000e+00
458471	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-01	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
458472	9.760000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.440000e+01	0.000000e+00
458473	4.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.200000e-01	0.000000e+00
458474	1.600000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.830000e+00	0.000000e+00
458475	1.800000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.700000e-01	0.000000e+00
458476	5.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.000000e-01	0.000000e+00
458477	1.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.700000e-01	0.000000e+00
458478	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-01	0.000000e+00
458479	9.760000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.584000e+01	0.000000e+00
458480	4.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.700000e-01	0.000000e+00
458481	1.600000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.430000e+00	0.000000e+00
458482	1.700000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.800000e-01	0.000000e+00
458483	5.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.900000e-01	0.000000e+00
458484	1.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.300000e-01	0.000000e+00
458485	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.300000e-01	0.000000e+00
458486	9.760000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.578000e+01	0.000000e+00
458487	4.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.700000e-01	0.000000e+00
458488	1.600000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.430000e+00	0.000000e+00
458489	1.700000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.000000e-01	0.000000e+00
458490	5.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.400000e-01	0.000000e+00
458491	1.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.400000e-01	0.000000e+00
458492	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.400000e-01	0.000000e+00
458493	9.760000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.578000e+01	0.000000e+00
458494	4.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.700000e-01	0.000000e+00
458495	1.600000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.430000e+00	0.000000e+00
458496	1.900000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.100000e-01	0.000000e+00
458497	5.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.400000e-01	0.000000e+00
458498	1.100000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.400000e-01	0.000000e+00
458499	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.400000e-01	0.000000e+00
458500	6.450000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.596000e+01	0.000000e+00
458501	1.430000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.214000e+01	0.000000e+00
458502	3.010000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.560000e+01	0.000000e+00
458503	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.000000e-01	0.000000e+00
458504	5.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.600000e+00	0.000000e+00
458505	2.100000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.200000e-01	0.000000e+00
458506	4.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.500000e-01	0.000000e+00
458507	4.090000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.282000e+01	0.000000e+00
458508	2.490000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.775000e+01	0.000000e+00
458509	5.270000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.667000e+01	0.000000e+00
458510	1.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.000000e-01	0.000000e+00
458511	6.400000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.018000e+01	0.000000e+00
458512	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.000000e-02	0.000000e+00
458513	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.300000e-01	0.000000e+00
458514	4.660000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.030000e+01	0.000000e+00
458515	2.490000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.115000e+01	0.000000e+00
458516	4.200000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.250000e+01	0.000000e+00
458517	6.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.600000e-01	0.000000e+00
458518	1.110000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.503000e+01	0.000000e+00
458519	1.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.400000e-01	0.000000e+00
458520	4.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.900000e+00	0.000000e+00
458521	7.590000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.812000e+01	0.000000e+00
458522	8.600000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.160000e+00	0.000000e+00
458523	2.050000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.654000e+01	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
458524	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.800000e-01	0.000000e+00
458525	3.100000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.690000e+00	0.000000e+00
458526	3.200000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.700000e-01	0.000000e+00
458527	5.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.400000e-01	0.000000e+00
458528	6.000000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.458000e+01	0.000000e+00
458529	1.600000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.011000e+01	0.000000e+00
458530	3.350000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.302000e+01	0.000000e+00
458531	4.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.000000e-01	0.000000e+00
458532	5.800000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.130000e+01	0.000000e+00
458533	3.500000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.400000e-01	0.000000e+00
458534	6.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.100000e+00	0.000000e+00
458535	6.920000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.913000e+01	0.000000e+00
458536	1.050000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.073000e+01	0.000000e+00
458537	2.660000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.419000e+01	0.000000e+00
458538	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.700000e-01	0.000000e+00
458539	3.600000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.810000e+00	0.000000e+00
458540	3.600000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.400000e-01	0.000000e+00
458541	6.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.200000e-01	0.000000e+00
458542	6.920000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.476000e+01	0.000000e+00
458543	1.050000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.500000e+00	0.000000e+00
458544	2.660000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.068000e+01	0.000000e+00
458545	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.400000e-01	0.000000e+00
458546	3.600000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.630000e+00	0.000000e+00
458547	4.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.100000e-01	0.000000e+00
458548	6.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.200000e-01	0.000000e+00
458549	8.030000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.983000e+01	0.000000e+00
458550	6.500000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.310000e+00	0.000000e+00
458551	1.680000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.637000e+01	0.000000e+00
458552	4.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.400000e-01	0.000000e+00
458553	2.300000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.600000e+00	0.000000e+00
458554	3.400000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.300000e-01	0.000000e+00
458555	5.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.500000e-01	0.000000e+00
458556	8.030000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.597000e+01	0.000000e+00
458557	6.500000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.600000e+00	0.000000e+00
458558	1.680000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.100000e+01	0.000000e+00
458559	4.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.200000e-01	0.000000e+00
458560	2.300000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.300000e+00	0.000000e+00
458561	3.400000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.900000e-01	0.000000e+00
458562	5.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.900000e-01	0.000000e+00
458563	8.760000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.164000e+01	0.000000e+00
458564	4.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.150000e+00	0.000000e+00
458565	1.050000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.562000e+01	0.000000e+00
458566	2.900000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.200000e-01	0.000000e+00
458567	1.500000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.290000e+00	0.000000e+00
458568	3.400000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-01	0.000000e+00
458569	5.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.500000e-01	0.000000e+00
458570	8.760000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.611000e+01	0.000000e+00
458571	4.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.040000e+00	0.000000e+00
458572	1.050000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.225000e+01	0.000000e+00
458573	2.800000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-01	0.000000e+00
458574	1.500000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.500000e+00	0.000000e+00
458575	3.300000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-01	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
458576	5.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.500000e-01	0.000000e+00
458577	9.360000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.611000e+01	0.000000e+00
458578	1.800000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.990000e+00	0.000000e+00
458579	5.300000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.225000e+01	0.000000e+00
458580	3.100000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-01	0.000000e+00
458581	8.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.500000e+00	0.000000e+00
458582	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-01	0.000000e+00
458583	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.500000e-01	0.000000e+00
458584	9.360000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.941000e+01	0.000000e+00
458585	1.800000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.950000e+00	0.000000e+00
458586	5.300000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.480000e+00	0.000000e+00
458587	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.000000e-01	0.000000e+00
458588	8.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.900000e-01	0.000000e+00
458589	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.200000e-01	0.000000e+00
458590	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.300000e-01	0.000000e+00
458591	9.360000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.932000e+01	0.000000e+00
458592	1.800000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.950000e+00	0.000000e+00
458593	5.300000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.470000e+00	0.000000e+00
458594	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.300000e-01	0.000000e+00
458595	8.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.700000e-01	0.000000e+00
458596	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.300000e-01	0.000000e+00
458597	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.500000e-01	0.000000e+00
458598	9.360000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.932000e+01	0.000000e+00
458599	1.800000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.950000e+00	0.000000e+00
458600	5.300000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.470000e+00	0.000000e+00
458601	2.900000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.300000e-01	0.000000e+00
458602	8.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.700000e-01	0.000000e+00
458603	2.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.300000e-01	0.000000e+00
458604	3.000000e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.500000e-01	0.000000e+00
458605	2.876000e+03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.422000e+03	0.000000e+00
458606	5.732000e+03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.794000e+03	0.000000e+00
458607	5.950000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.200000e+02	0.000000e+00
458608	1.182000e+03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.431000e+03	0.000000e+00
458609	4.380000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.830000e+02	0.000000e+00
458610	8.710000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.154000e+03	0.000000e+00
458611	1.843000e+03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.119000e+03	0.000000e+00
458612	3.679000e+03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.209000e+03	0.000000e+00
458613	3.130000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.270000e+02	0.000000e+00
458614	6.200000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	8.450000e+02	0.000000e+00
458615	2.890000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.030000e+02	0.000000e+00
458616	5.700000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.990000e+02	0.000000e+00
458617	2.670000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.790000e+02	0.000000e+00
458618	5.340000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.490000e+02	0.000000e+00
458619	2.170000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.570000e+02	0.000000e+00
458620	4.420000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.120000e+02	0.000000e+00
458621	1.740000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.090000e+02	0.000000e+00
458622	3.600000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.220000e+02	0.000000e+00
458623	1.460000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.650000e+02	0.000000e+00
458624	3.020000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	3.400000e+02	0.000000e+00
458625	1.220000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.370000e+02	0.000000e+00
458626	2.550000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.800000e+02	0.000000e+00
458627	1.040000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.110000e+02	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
458628	2.120000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	2.290000e+02	0.000000e+00
458629	8.600000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	9.000000e+01	0.000000e+00
458630	1.640000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.810000e+02	0.000000e+00
458631	6.300000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	6.900000e+01	0.000000e+00
458632	1.150000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.290000e+02	0.000000e+00
458633	6.200000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	7.200000e+01	0.000000e+00
458634	1.050000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	1.230000e+02	0.000000e+00
458643	0.000000e+00	7.459339e+01	7.203934e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458644	0.000000e+00	7.643492e+01	7.539425e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458645	0.000000e+00	7.361230e+01	7.006380e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458646	0.000000e+00	0.000000e+00	2.417635e+01	0.000000e+00	3.636906e+01	4.800247e+01	4.264423e+01
458647	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.324742e+01
458648	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	4.214723e+01
458652	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458653	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458654	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458655	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458665	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458666	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458667	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458668	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458669	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458670	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458671	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458672	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458673	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458674	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458675	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458676	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458677	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458678	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458679	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458680	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458681	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458682	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458683	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458684	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458685	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458686	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458687	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458688	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458689	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458690	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458691	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458692	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458693	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458694	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458695	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458696	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458697	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458698	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458699	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
458700	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458701	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458702	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458703	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458704	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458705	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458706	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458707	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458708	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458709	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458710	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458711	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458712	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458713	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458714	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458715	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458716	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458717	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458718	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458719	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458720	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458721	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458722	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458723	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458724	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458725	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458726	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458727	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458728	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458729	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458730	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458731	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458732	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458733	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458734	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458735	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458736	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458737	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458738	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458739	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458740	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458741	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458742	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458743	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458744	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458745	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458746	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458747	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458748	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458749	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458750	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458751	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
458752	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458753	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458754	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458755	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458756	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458757	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458758	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458759	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458760	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458761	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458762	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458763	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458764	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458765	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458766	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458767	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458768	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458769	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458770	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458771	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458772	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458773	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458774	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458775	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458776	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458777	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458778	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458779	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458780	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458781	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458782	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458783	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458784	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458785	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458786	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458787	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458788	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458789	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458790	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458791	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458792	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458793	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458794	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458795	0.000000e+00	5.824834e+01	5.644510e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458796	0.000000e+00	6.037278e+01	5.987555e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458797	0.000000e+00	5.714223e+01	5.446716e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458798	1.831687e+01	1.413085e+01	2.146287e+01	1.617392e+01	0.000000e+00	0.000000e+00	3.853310e+00
458799	1.966914e+01	1.339873e+01	2.164887e+01	1.696902e+01	0.000000e+00	0.000000e+00	0.000000e+00
458800	1.724723e+01	1.470876e+01	2.131295e+01	1.551376e+01	0.000000e+00	0.000000e+00	0.000000e+00
458801	0.000000e+00	1.912814e+01	1.794877e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458802	0.000000e+00	2.138619e+01	2.061467e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458803	0.000000e+00	1.800770e+01	1.659333e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
458804	8.173680e+00	1.156501e+01	7.927180e+00	1.333676e+01	0.000000e+00	0.000000e+00	0.000000e+00
458805	9.287090e+00	1.314370e+01	9.337700e+00	1.405642e+01	0.000000e+00	0.000000e+00	0.000000e+00
458806	7.318880e+00	1.029583e+01	6.793090e+00	1.274941e+01	0.000000e+00	0.000000e+00	0.000000e+00
458810	1.299388e+01	9.807010e+00	1.376027e+01	1.051441e+01	0.000000e+00	0.000000e+00	0.000000e+00
458811	1.462614e+01	1.090677e+01	1.463432e+01	1.087047e+01	0.000000e+00	0.000000e+00	0.000000e+00
458812	1.176531e+01	8.951310e+00	1.307530e+01	1.022823e+01	0.000000e+00	0.000000e+00	0.000000e+00
458816	1.673728e+01	1.393619e+01	1.253744e+01	1.499607e+01	0.000000e+00	0.000000e+00	0.000000e+00
458817	1.849838e+01	1.604599e+01	1.303833e+01	1.710517e+01	0.000000e+00	0.000000e+00	0.000000e+00
458818	1.545303e+01	1.232531e+01	1.215132e+01	1.330981e+01	0.000000e+00	0.000000e+00	0.000000e+00
458822	4.182010e+00	7.335520e+00	4.888500e+00	4.792360e+00	0.000000e+00	0.000000e+00	0.000000e+00
458823	9.450680e+00	1.197305e+01	1.026472e+01	7.791140e+00	0.000000e+00	0.000000e+00	0.000000e+00
458824	4.793300e-01	3.946890e+00	7.814100e-01	2.492040e+00	0.000000e+00	0.000000e+00	0.000000e+00
458828	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
458829	0.000000e+00	1.460140e+05	1.614320e+05	1.814490e+05	0.000000e+00	0.000000e+00	0.000000e+00
458830	0.000000e+00	7.266000e+04	8.022100e+04	9.011800e+04	0.000000e+00	0.000000e+00	0.000000e+00
458831	0.000000e+00	7.335300e+04	8.121100e+04	9.133100e+04	0.000000e+00	0.000000e+00	0.000000e+00
458832	9.418037e+01	9.575460e+01	9.478348e+01	0.000000e+00	9.484579e+01	9.410462e+01	9.148249e+01
458833	0.000000e+00	8.931530e+01	8.714163e+01	0.000000e+00	0.000000e+00	0.000000e+00	8.657217e+01
458834	7.842400e-01	8.045900e-01	8.630700e-01	8.298800e-01	0.000000e+00	0.000000e+00	0.000000e+00
458835	0.000000e+00	1.000000e+02	1.000000e+02	0.000000e+00	0.000000e+00	0.000000e+00	9.536457e+01
459239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459240	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459241	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459242	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459243	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459244	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459245	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459246	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459247	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459249	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459250	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459251	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459252	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459259	1.638510e+05	1.731500e+05	1.832400e+05	1.948750e+05	2.142720e+05	2.274390e+05	2.432140e+05
459260	5.408700e+04	5.928500e+04	6.701400e+04	7.216800e+04	8.072200e+04	8.944500e+04	9.853600e+04
459261	2.964590e+05	3.068960e+05	3.573660e+05	3.793700e+05	9.568440e+05	6.681660e+05	5.718720e+05
459262	1.309310e+05	1.353860e+05	1.594910e+05	1.720960e+05	4.484490e+05	3.162120e+05	2.698800e+05
459263	4.104300e+04	4.624600e+04	5.348000e+04	5.869300e+04	6.474600e+04	7.369000e+04	9.483400e+04
459264	1.347700e+04	1.533700e+04	1.802600e+04	2.147900e+04	2.446300e+04	2.888400e+04	3.839000e+04
459265	2.414580e+05	2.616600e+05	2.796960e+05	3.169360e+05	4.352560e+05	7.223330e+05	5.454060e+05
459266	1.048660e+05	1.166110e+05	1.246560e+05	1.424260e+05	1.994020e+05	3.426960e+05	2.599440e+05
459267	3.733900e+04	3.742300e+04	4.387800e+04	4.678200e+04	5.404600e+04	6.258500e+04	7.561800e+04
459268	1.144500e+04	1.207000e+04	1.431000e+04	1.584700e+04	1.960900e+04	2.365200e+04	2.848500e+04
459269	2.212350e+05	2.309980e+05	2.568700e+05	2.740810e+05	3.564980e+05	4.196380e+05	5.976900e+05
459270	9.500800e+04	1.010840e+05	1.128580e+05	1.221290e+05	1.604910e+05	1.942860e+05	2.857960e+05
459273	1.919010e+05	2.077110e+05	2.209940e+05	2.443240e+05	2.974850e+05	3.419270e+05	3.827350e+05
459274	8.092600e+04	8.992900e+04	9.620100e+04	1.085520e+05	1.319040e+05	1.551390e+05	1.779220e+05
459277	1.580820e+05	1.775470e+05	1.923290e+05	2.065580e+05	2.270330e+05	2.646500e+05	3.006700e+05
459278	6.524400e+04	7.496000e+04	8.329500e+04	8.966600e+04	1.003860e+05	1.182130e+05	1.358290e+05
459281	1.546030e+05	1.675360e+05	1.854240e+05	1.998730e+05	2.184900e+05	2.370020e+05	2.530300e+05
459282	6.022000e+04	6.723600e+04	7.578400e+04	8.386700e+04	9.299300e+04	1.036630e+05	1.125860e+05

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
459285	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459286	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459287	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459288	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459289	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459290	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459293	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459294	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459297	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459298	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459299	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459300	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459301	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459302	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459303	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459304	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459305	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459306	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459307	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459308	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459309	1.263738e+06	1.352348e+06	1.492679e+06	1.621142e+06	2.491606e+06	2.653716e+06	2.651403e+06
459310	5.371950e+05	5.852060e+05	6.522850e+05	7.187360e+05	1.133625e+06	1.230209e+06	1.241957e+06
459313	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459314	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459315	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459316	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459317	2.998810e+05	3.241670e+05	3.558420e+05	3.813420e+05	4.222420e+05	4.684080e+05	5.389620e+05
459318	9.427000e+04	1.049710e+05	1.205350e+05	1.329690e+05	1.511820e+05	1.742270e+05	0.000000e+00
459319	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459320	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459321	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459322	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459323	2.907060e+05	3.138720e+05	3.451500e+05	3.696420e+05	4.101040e+05	4.542740e+05	5.241730e+05
459324	9.161500e+04	1.020280e+05	1.176290e+05	1.297110e+05	1.478330e+05	1.709740e+05	2.022010e+05
459325	9.175000e+03	1.029500e+04	1.069200e+04	1.170000e+04	1.213800e+04	1.413400e+04	1.478900e+04
459326	2.655000e+03	2.943000e+03	2.906000e+03	3.258000e+03	3.349000e+03	3.253000e+03	0.000000e+00
459327	6.953842e+01	7.398823e+01	6.962562e+01	7.930001e+01	8.768072e+01	0.000000e+00	6.748106e+01
459328	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459329	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459330	7.795000e+03	8.591000e+03	8.379000e+03	9.896000e+03	1.135100e+04	0.000000e+00	9.407000e+03
459331	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459332	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459338	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459339	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459340	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459341	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459342	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459343	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459344	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459345	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459346	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
459347	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459348	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459349	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459350	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459351	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459352	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459353	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459354	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459355	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459356	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459357	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459358	0.000000e+00	4.581306e+01	4.451127e+01	4.582791e+01	5.577934e+01	5.708672e+01	6.344034e+01
459359	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459362	0.000000e+00	3.357595e+01	3.106926e+01	2.813012e+01	2.541998e+01	2.360559e+01	2.090029e+01
459363	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459364	0.000000e+00	1.508809e+01	1.371566e+01	1.485664e+01	1.168364e+01	1.413138e+01	1.119491e+01
459365	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459366	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459367	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459368	6.763544e+09	8.263285e+09	9.674855e+09	1.024534e+10	1.066188e+10	1.075594e+10	1.098762e+10
459369	1.603447e+09	1.778391e+09	2.107279e+09	2.502142e+09	2.973309e+09	3.259345e+09	3.474542e+09
459370	6.010708e+02	7.088377e+02	8.006873e+02	8.176745e+02	8.202961e+02	7.975259e+02	7.850145e+02
459371	1.424971e+02	1.525532e+02	1.743976e+02	1.996945e+02	2.287584e+02	2.416723e+02	2.482400e+02
459372	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459373	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459374	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459375	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459376	1.580547e+09	1.753794e+09	2.073233e+09	2.400065e+09	2.872160e+09	3.166424e+09	3.332519e+09
459377	1.300000e+02	1.600000e+02	1.900000e+02	2.000000e+02	2.300000e+02	2.500000e+02	2.500000e+02
459378	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459379	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459380	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459381	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459382	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459383	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459384	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459385	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459386	0.000000e+00	3.929820e+00	4.476340e+00	4.650520e+00	5.065510e+00	5.606120e+00	5.744100e+00
459387	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459388	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459389	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459391	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459392	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459393	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459394	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459395	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459397	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459398	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459399	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459400	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459401	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
459402	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459403	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459404	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459405	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459406	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459407	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459408	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459409	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459410	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459411	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459412	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459413	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459414	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459415	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459416	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459417	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459418	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459419	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459420	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459421	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459422	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459423	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459424	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459429	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459430	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459431	6.200000e+02	0.000000e+00	6.930000e+02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459432	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459433	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459434	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459435	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459436	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459437	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459438	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459439	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459440	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459441	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459442	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459443	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459444	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459445	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459446	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459447	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459448	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459449	4.100325e+01	4.233762e+01	4.496319e+01	4.691541e+01	6.574941e+01	6.787067e+01	6.679099e+01
459450	3.294842e+01	3.467764e+01	3.740700e+01	3.971993e+01	5.772750e+01	6.081128e+01	0.000000e+00
459451	6.704800e-01	6.924700e-01	7.112100e-01	7.331200e-01	7.817700e-01	8.109400e-01	0.000000e+00
459452	4.914151e+01	5.007793e+01	5.259611e+01	5.417955e+01	7.384234e+01	7.498827e+01	0.000000e+00
459453	3.351673e+01	3.444945e+01	3.641967e+01	3.788305e+01	5.288716e+01	0.000000e+00	5.348509e+01
459454	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459455	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459456	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459457	6.282272e+01	6.468435e+01	6.868282e+01	7.179920e+01	1.063385e+02	1.092933e+02	1.050279e+02

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
459458	5.317183e+01	5.573475e+01	5.977943e+01	6.342954e+01	9.645303e+01	1.010507e+02	9.817989e+01
459459	7.327900e-01	7.561000e-01	7.697500e-01	7.905900e-01	8.294300e-01	8.594100e-01	8.773400e-01
459460	7.256041e+01	7.371376e+01	7.766038e+01	8.023113e+01	1.162877e+02	1.175820e+02	1.119058e+02
459461	1.664333e+01	1.734271e+01	1.836230e+01	1.896844e+01	2.021595e+01	2.156535e+01	2.393083e+01
459462	1.040248e+01	1.116379e+01	1.236480e+01	1.315026e+01	1.439379e+01	1.595367e+01	0.000000e+00
459463	4.531000e-01	4.731000e-01	5.060700e-01	5.290600e-01	5.513700e-01	5.856700e-01	0.000000e+00
459464	2.295834e+01	2.359732e+01	2.443301e+01	2.485589e+01	2.610538e+01	2.724002e+01	0.000000e+00
459465	8.908100e-01	9.221200e-01	8.485600e-01	9.480700e-01	1.032590e+00	0.000000e+00	7.800800e-01
459466	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459467	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459468	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459469	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459470	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459471	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459472	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459473	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459474	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459475	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459476	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459477	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459478	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459479	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459480	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459481	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459482	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459484	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459485	4.734121e+01	4.902381e+01	5.039636e+01	5.128705e+01	0.000000e+00	5.477738e+01	5.728249e+01
459486	3.128825e+01	3.391452e+01	3.715639e+01	3.804981e+01	0.000000e+00	0.000000e+00	0.000000e+00
459487	4.924400e-01	5.276000e-01	5.825800e-01	5.883700e-01	0.000000e+00	0.000000e+00	0.000000e+00
459488	6.353773e+01	6.428079e+01	6.377881e+01	6.467016e+01	0.000000e+00	0.000000e+00	0.000000e+00
459489	7.712519e+01	7.648265e+01	8.591861e+01	8.762271e+01	0.000000e+00	1.414491e+02	1.143872e+02
459490	6.797205e+01	6.734350e+01	7.660226e+01	7.940335e+01	0.000000e+00	0.000000e+00	0.000000e+00
459491	7.872200e-01	7.860100e-01	8.039800e-01	8.282500e-01	0.000000e+00	0.000000e+00	0.000000e+00
459492	8.634415e+01	8.567778e+01	9.527902e+01	9.586925e+01	0.000000e+00	0.000000e+00	0.000000e+00
459493	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459494	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459495	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459496	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459497	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459501	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459511	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459512	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459513	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459514	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459515	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459516	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459644	0.000000e+00	1.348581e+01	1.528247e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459645	0.000000e+00	8.650010e+00	9.918680e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459646	0.000000e+00	4.708100e-01	4.791500e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459647	0.000000e+00	1.837253e+01	2.070052e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459768	1.490000e+02	1.454000e+02	1.417000e+02	1.378000e+02	1.336000e+02	1.294000e+02	1.250000e+02
459769	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
459770	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459771	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459772	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459773	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459774	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459775	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459776	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459777	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459778	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459779	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459780	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459781	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459782	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459783	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459784	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459785	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459786	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459789	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459790	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459791	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459792	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459793	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459794	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459795	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459796	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459797	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459798	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459799	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459800	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459803	2.874510e+05	2.965890e+05	3.463130e+05	3.667720e+05	0.000000e+00	6.369340e+05	5.375910e+05
459804	1.271220e+05	1.309730e+05	1.547450e+05	1.664580e+05	0.000000e+00	0.000000e+00	0.000000e+00
459805	4.422389e+01	4.415976e+01	4.468357e+01	4.538460e+01	0.000000e+00	0.000000e+00	0.000000e+00
459806	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459807	1.200000e+01	1.200000e+01	1.200000e+01	1.200000e+01	1.200000e+01	1.200000e+01	1.200000e+01
459808	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459809	3.000000e+00	3.000000e+00	3.000000e+00	3.000000e+00	3.000000e+00	3.000000e+00	3.000000e+00
459810	6.000000e+00	6.000000e+00	6.000000e+00	6.000000e+00	6.000000e+00	6.000000e+00	6.000000e+00
459811	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459812	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459813	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459814	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459815	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459816	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459817	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459818	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459819	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459820	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459821	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459822	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459823	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459824	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459825	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
459826	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459827	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459828	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459829	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459830	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459972	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459975	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459976	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459978	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459979	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459980	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459981	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459982	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459983	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459984	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459986	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459987	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459988	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459989	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459990	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459991	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459992	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459993	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459995	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459996	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459998	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
459999	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460000	9.718362e+01	9.719637e+01	9.758908e+01	9.754980e+01	9.778479e+01	9.813290e+01	0.000000e+00
460001	2.816380e+00	2.803630e+00	2.410920e+00	2.450200e+00	2.215210e+00	1.867100e+00	0.000000e+00
460002	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460003	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460004	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460005	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460006	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460007	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460010	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460011	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460012	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460013	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460014	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460015	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460016	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460017	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460018	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460019	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460020	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460021	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460022	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460023	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460024	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
460025	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460026	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460027	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460028	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460030	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460031	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460032	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460033	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460034	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460035	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460036	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460037	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460038	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460039	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460040	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460041	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460042	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460043	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460044	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460047	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460048	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460049	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460050	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460051	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460052	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460054	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460055	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460056	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460057	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460058	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460059	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460061	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460062	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460063	9.682896e+01	9.664592e+01	9.669113e+01	9.660108e+01	9.675754e+01	9.630126e+01	0.000000e+00
460064	3.171040e+00	3.354080e+00	3.308870e+00	3.398920e+00	3.242460e+00	3.698740e+00	0.000000e+00
460065	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460066	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460067	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460068	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460069	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460070	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460073	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460074	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460075	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460076	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460077	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460078	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460079	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460080	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460081	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460082	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460083	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
460084	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460085	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460090	1.633008e+01	1.506324e+01	1.437514e+01	1.484336e+01	0.000000e+00	1.561298e+01	1.458099e+01
460091	1.586703e+01	1.377583e+01	1.322858e+01	1.423346e+01	0.000000e+00	0.000000e+00	0.000000e+00
460092	1.655825e+01	1.573354e+01	1.503622e+01	1.520207e+01	0.000000e+00	0.000000e+00	0.000000e+00
460093	3.038530e+00	3.358470e+00	3.092910e+00	3.320770e+00	0.000000e+00	4.674290e+00	5.994520e+00
460094	2.909170e+00	3.259570e+00	2.975720e+00	3.276080e+00	0.000000e+00	0.000000e+00	0.000000e+00
460095	3.140860e+00	3.436530e+00	3.187370e+00	3.357870e+00	0.000000e+00	0.000000e+00	0.000000e+00
460096	0.000000e+00	7.568000e-02	2.057000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460097	0.000000e+00	7.172000e-02	1.110000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460098	0.000000e+00	7.765000e-02	2.539000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460099	3.441180e+00	3.224800e+00	3.605340e+00	3.635750e+00	0.000000e+00	3.057180e+00	5.473170e+00
460100	3.334730e+00	3.239830e+00	3.561000e+00	3.630660e+00	0.000000e+00	0.000000e+00	0.000000e+00
460101	3.522900e+00	3.212710e+00	3.641000e+00	3.639910e+00	0.000000e+00	0.000000e+00	0.000000e+00
460102	0.000000e+00	1.549800e-01	1.823000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460103	0.000000e+00	1.988400e-01	1.398000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460104	0.000000e+00	1.341100e-01	2.029000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460105	3.535610e+00	3.479250e+00	3.671120e+00	3.990430e+00	0.000000e+00	4.286310e+00	3.997220e+00
460106	3.555490e+00	3.539630e+00	3.793260e+00	4.007240e+00	0.000000e+00	0.000000e+00	0.000000e+00
460107	3.520640e+00	3.432270e+00	3.575400e+00	3.976910e+00	0.000000e+00	0.000000e+00	0.000000e+00
460108	0.000000e+00	1.444800e-01	1.613000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460109	0.000000e+00	2.824900e-01	1.074000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460110	0.000000e+00	8.895000e-02	1.845000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460111	3.770170e+00	3.564570e+00	4.027260e+00	4.092110e+00	0.000000e+00	4.751310e+00	5.318300e+00
460112	3.944340e+00	3.834140e+00	4.303490e+00	4.231150e+00	0.000000e+00	0.000000e+00	0.000000e+00
460113	3.643160e+00	3.358750e+00	3.814320e+00	3.980940e+00	0.000000e+00	0.000000e+00	0.000000e+00
460114	0.000000e+00	1.385100e-01	4.466000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460115	0.000000e+00	1.520300e-01	1.358000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460116	0.000000e+00	1.338500e-01	5.640000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460117	3.501350e+00	3.484710e+00	4.129380e+00	4.294680e+00	0.000000e+00	4.432270e+00	4.980880e+00
460118	3.801120e+00	3.880740e+00	4.534490e+00	4.767690e+00	0.000000e+00	0.000000e+00	0.000000e+00
460119	3.290680e+00	3.195340e+00	3.819910e+00	3.931830e+00	0.000000e+00	0.000000e+00	0.000000e+00
460120	0.000000e+00	1.327100e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460122	0.000000e+00	1.733100e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460123	5.605970e+00	5.491360e+00	5.629800e+00	6.046340e+00	0.000000e+00	6.806270e+00	6.416630e+00
460124	6.014610e+00	6.187160e+00	6.354900e+00	6.512690e+00	0.000000e+00	0.000000e+00	0.000000e+00
460125	5.345240e+00	5.024930e+00	5.128600e+00	5.709190e+00	0.000000e+00	0.000000e+00	0.000000e+00
460129	0.000000e+00	8.955600e-01	9.250500e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460130	0.000000e+00	1.019200e+01	9.394220e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460131	0.000000e+00	9.461080e+00	8.927030e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460132	0.000000e+00	1.056446e+01	9.650310e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460133	3.685570e+00	3.665700e+00	3.875450e+00	4.071940e+00	0.000000e+00	4.348960e+00	5.264760e+00
460134	3.718950e+00	3.808230e+00	4.016500e+00	4.178590e+00	0.000000e+00	0.000000e+00	0.000000e+00
460135	1.015860e+00	1.070640e+00	1.066520e+00	1.048050e+00	0.000000e+00	0.000000e+00	0.000000e+00
460136	3.660900e+00	3.556970e+00	3.765970e+00	3.987010e+00	0.000000e+00	0.000000e+00	0.000000e+00
460137	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460138	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460139	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460140	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460141	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460142	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460143	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
460144	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460145	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460146	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460147	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460148	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460150	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460152	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460153	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460155	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460156	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460157	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460158	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460159	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460160	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460161	4.250842e+01	4.327333e+01	4.369895e+01	4.433517e+01	4.549776e+01	4.635798e+01	4.684150e+01
460162	9.694045e+01	9.682417e+01	9.699530e+01	9.693189e+01	9.712535e+01	9.698255e+01	9.725602e+01
460163	3.059550e+00	3.175830e+00	3.004700e+00	3.068110e+00	2.874650e+00	3.017450e+00	2.743980e+00
460164	3.143580e+01	3.238177e+01	3.387318e+01	3.486870e+01	3.580459e+01	3.719556e+01	0.000000e+00
460165	3.151466e+01	3.250624e+01	3.408054e+01	3.509098e+01	3.604769e+01	3.763676e+01	3.857524e+01
460166	2.893733e+01	2.858669e+01	2.717920e+01	2.784615e+01	2.759104e+01	2.301542e+01	0.000000e+00
460167	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460168	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460169	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460170	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460171	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460172	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460173	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460174	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460175	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460176	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460177	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460180	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460181	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460182	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460183	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460184	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460185	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460186	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460188	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460189	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460190	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460191	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460192	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460193	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460195	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460196	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460197	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460199	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460200	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460201	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460203	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460204	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
460206	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460208	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460209	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460210	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460433	3.479306e+00	3.536134e+00	3.586411e+00	3.629889e+00	3.665038e+00	3.693441e+00	3.712312e+00
460434	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460435	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460436	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460437	8.355940e+05	8.653090e+05	8.972540e+05	9.318560e+05	9.693660e+05	1.008958e+06	1.046186e+06
460438	4.198590e+05	4.347990e+05	4.509380e+05	4.684340e+05	4.873510e+05	5.072350e+05	5.259470e+05
460439	4.157350e+05	4.305100e+05	4.463160e+05	4.634220e+05	4.820150e+05	5.017230e+05	5.202390e+05
460440	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460441	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460442	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460443	1.232144e+06	1.282441e+06	1.333674e+06	1.385845e+06	1.438133e+06	1.494486e+06	1.562712e+06
460444	6.168780e+05	6.415270e+05	6.665950e+05	6.921780e+05	7.181910e+05	7.461330e+05	7.797360e+05
460445	6.152660e+05	6.409140e+05	6.670790e+05	6.936670e+05	7.199420e+05	7.483530e+05	7.829760e+05
460446	2.011594e+06	2.090688e+06	2.173293e+06	2.257883e+06	2.343090e+06	2.428068e+06	2.524474e+06
460447	1.010300e+06	1.049984e+06	1.091153e+06	1.133125e+06	1.175313e+06	1.217418e+06	1.264981e+06
460448	1.001294e+06	1.040704e+06	1.082140e+06	1.124758e+06	1.167777e+06	1.210650e+06	1.259493e+06
460449	1.801809e+06	1.869183e+06	1.937894e+06	2.010403e+06	2.088658e+06	2.172040e+06	2.252166e+06
460450	9.062260e+05	9.402810e+05	9.748240e+05	1.011151e+06	1.050328e+06	1.092081e+06	1.132604e+06
460451	8.955830e+05	9.289020e+05	9.630700e+05	9.992520e+05	1.038330e+06	1.079959e+06	1.119562e+06
460452	8.750430e+05	9.316610e+05	9.874320e+05	1.043800e+06	1.099271e+06	1.153257e+06	1.205909e+06
460453	4.395470e+05	4.684090e+05	4.971500e+05	5.262020e+05	5.546690e+05	5.821560e+05	6.087130e+05
460454	4.354960e+05	4.632520e+05	4.902820e+05	5.175980e+05	5.446020e+05	5.711010e+05	5.971960e+05
460455	3.012840e+05	3.124040e+05	3.244880e+05	3.376090e+05	3.511620e+05	3.642320e+05	3.769160e+05
460456	1.513320e+05	1.570110e+05	1.631150e+05	1.697040e+05	1.764850e+05	1.829880e+05	1.892730e+05
460457	1.499520e+05	1.553930e+05	1.613730e+05	1.679050e+05	1.746770e+05	1.812440e+05	1.876430e+05
460458	9.662150e+05	1.003874e+06	1.040640e+06	1.078547e+06	1.119292e+06	1.163082e+06	1.205980e+06
460459	4.863670e+05	5.054820e+05	5.238860e+05	5.427170e+05	5.629770e+05	5.848460e+05	6.066570e+05
460460	4.798480e+05	4.983920e+05	5.167540e+05	5.358300e+05	5.563150e+05	5.782360e+05	5.993230e+05
460461	3.727070e+05	3.877860e+05	4.030710e+05	4.185810e+05	4.343100e+05	4.502920e+05	4.699750e+05
460462	1.870210e+05	1.944850e+05	2.020110e+05	2.096360e+05	2.173850e+05	2.253090e+05	2.350020e+05
460463	1.856860e+05	1.933010e+05	2.010600e+05	2.089450e+05	2.169250e+05	2.249830e+05	2.349730e+05
460464	2.895870e+05	2.999930e+05	3.113300e+05	3.235690e+05	3.368620e+05	3.503800e+05	3.626780e+05
460465	1.454380e+05	1.507260e+05	1.564980e+05	1.626710e+05	1.693470e+05	1.761140e+05	1.822480e+05
460466	1.441490e+05	1.492670e+05	1.548320e+05	1.608980e+05	1.675150e+05	1.742660e+05	1.804300e+05
460467	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460468	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460469	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460470	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460471	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460472	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460473	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460474	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460475	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460476	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460477	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460478	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460479	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460480	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
460481	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460482	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460483	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460484	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460485	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460486	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460487	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460488	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460489	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460490	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460491	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460492	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460493	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460494	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460495	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460496	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460497	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460498	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460500	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460501	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460502	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460503	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460504	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460505	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460506	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460508	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460509	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460510	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460511	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460512	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460513	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460514	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460515	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460516	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460517	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460518	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460519	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460520	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460521	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460522	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460523	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460524	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460525	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460526	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460527	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460530	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460531	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460532	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
460533	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460534	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460535	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460536	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460537	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460538	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460539	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460540	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460541	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460542	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460543	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460544	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460545	4.905844e+01	4.922432e+01	4.937002e+01	4.949469e+01	4.958715e+01	4.964384e+01	4.980143e+01
460546	2.764749e+06	2.872854e+06	2.985727e+06	3.103194e+06	3.224230e+06	3.348321e+06	3.484392e+06
460547	2.755548e+06	2.865478e+06	2.979740e+06	3.098413e+06	3.220904e+06	3.346961e+06	3.486163e+06
460548	5.520297e+06	5.738332e+06	5.965472e+06	6.201611e+06	6.445137e+06	6.695280e+06	6.970559e+06
460549	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460550	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460554	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460555	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460556	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460558	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460560	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460561	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460562	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460563	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460565	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460566	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460567	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460568	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460569	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460570	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460571	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460572	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460573	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460574	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460575	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460576	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460577	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460578	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460579	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460580	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460581	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460582	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460583	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460584	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
460585	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460586	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460587	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460588	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460589	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460590	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460591	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460592	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460593	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460594	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460595	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460596	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460597	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460598	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460599	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460600	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460601	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460602	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460603	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460604	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460605	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460606	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460607	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460608	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460609	4.749259e+01	4.735208e+01	4.723943e+01	4.715430e+01	4.710671e+01	4.709917e+01	4.698009e+01
460610	2.662206e+06	2.754367e+06	2.852461e+06	2.956683e+06	3.067906e+06	3.186617e+06	3.302931e+06
460611	2.681890e+06	2.765705e+06	2.855566e+06	2.951676e+06	3.054833e+06	3.165471e+06	3.272736e+06
460612	5.344100e+06	5.520075e+06	5.708029e+06	5.908364e+06	6.122739e+06	6.352090e+06	6.575664e+06
460613	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460614	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460615	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460616	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460617	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460618	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460619	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460620	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460621	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460622	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460623	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460624	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460625	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460626	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460627	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460628	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460629	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460630	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460631	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460632	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460633	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460634	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460635	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460636	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
460637	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460638	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460639	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460640	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460641	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460642	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460643	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460644	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460645	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460646	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460647	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460648	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460649	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460650	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460651	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460652	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460653	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460654	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460655	5.639596e+06	5.844649e+06	6.060013e+06	6.285804e+06	6.521987e+06	6.768625e+06	7.025585e+06
460656	5.011864e+01	5.013632e+01	5.015244e+01	5.016663e+01	5.017841e+01	5.018767e+01	5.019457e+01
460657	5.612896e+06	5.812865e+06	6.023175e+06	6.244048e+06	6.475608e+06	6.718004e+06	6.971119e+06
460658	4.988136e+01	4.986368e+01	4.984756e+01	4.983337e+01	4.982159e+01	4.981233e+01	4.980543e+01
460659	1.125249e+07	1.165751e+07	1.208319e+07	1.252985e+07	1.299760e+07	1.348663e+07	1.399670e+07
460660	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460661	4.843802e+01	5.068309e+01	5.392649e+01	5.562292e+01	0.000000e+00	6.064020e+01	6.282408e+01
460662	3.739989e+01	4.017298e+01	4.350795e+01	4.620103e+01	0.000000e+00	0.000000e+00	0.000000e+00
460663	6.277500e-01	6.553200e-01	6.749900e-01	7.091900e-01	0.000000e+00	0.000000e+00	0.000000e+00
460664	5.957773e+01	6.130263e+01	6.445750e+01	6.514577e+01	0.000000e+00	0.000000e+00	0.000000e+00
460670	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460671	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460672	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460673	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460674	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460675	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460676	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460677	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460678	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460680	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460681	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460682	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460683	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460684	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460685	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460686	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460687	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460688	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460689	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460690	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460691	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460692	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460693	2.675700e+04	2.608200e+04	2.634100e+04	2.892600e+04	0.000000e+00	3.551000e+04	3.546300e+04
460694	8.582000e+03	8.167000e+03	8.865000e+03	1.027200e+04	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
460695	9.008000e+03	1.030700e+04	1.105300e+04	1.259800e+04	0.000000e+00	3.123200e+04	3.428100e+04
460696	3.809000e+03	4.413000e+03	4.746000e+03	5.638000e+03	0.000000e+00	0.000000e+00	0.000000e+00
460697	0.000000e+00	3.500000e+01	1.100000e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460698	0.000000e+00	1.100000e+01	2.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460699	8.309000e+03	8.438000e+03	1.008400e+04	1.152300e+04	0.000000e+00	2.208300e+04	2.985100e+04
460700	3.497000e+03	3.778000e+03	4.439000e+03	5.171000e+03	0.000000e+00	0.000000e+00	0.000000e+00
460701	0.000000e+00	5.800000e+01	8.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460702	0.000000e+00	2.400000e+01	2.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460703	7.822000e+03	8.037000e+03	9.430000e+03	1.093700e+04	0.000000e+00	1.798700e+04	2.389100e+04
460704	3.378000e+03	3.578000e+03	4.281000e+03	4.894000e+03	0.000000e+00	0.000000e+00	0.000000e+00
460707	7.235000e+03	7.404000e+03	8.900000e+03	9.998000e+03	0.000000e+00	1.624600e+04	2.035500e+04
460708	3.192000e+03	3.448000e+03	4.140000e+03	4.593000e+03	0.000000e+00	0.000000e+00	0.000000e+00
460711	5.535000e+03	6.187000e+03	7.942000e+03	8.871000e+03	0.000000e+00	1.173000e+04	1.497600e+04
460712	2.480000e+03	2.909000e+03	3.777000e+03	4.275000e+03	0.000000e+00	0.000000e+00	0.000000e+00
460715	8.667000e+03	9.200000e+03	1.043900e+04	1.208500e+04	0.000000e+00	1.613100e+04	1.623600e+04
460716	3.622000e+03	4.160000e+03	4.816000e+03	5.462000e+03	0.000000e+00	0.000000e+00	0.000000e+00
460719	0.000000e+00	2.625500e+04	2.637700e+04	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460720	0.000000e+00	8.234000e+03	8.871000e+03	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460721	4.657600e+04	4.957300e+04	5.784800e+04	6.601200e+04	0.000000e+00	1.154090e+05	1.395900e+05
460722	1.997800e+04	2.228600e+04	2.619900e+04	3.003300e+04	0.000000e+00	0.000000e+00	0.000000e+00
460723	1.633008e+01	1.506324e+01	1.437514e+01	1.484336e+01	0.000000e+00	1.561298e+01	1.458099e+01
460724	1.586703e+01	1.377583e+01	1.322858e+01	1.423346e+01	0.000000e+00	0.000000e+00	0.000000e+00
460725	1.655825e+01	1.573354e+01	1.503622e+01	1.520207e+01	0.000000e+00	0.000000e+00	0.000000e+00
460726	3.038530e+00	3.358470e+00	3.092910e+00	3.320770e+00	0.000000e+00	0.000000e+00	5.994520e+00
460727	2.909170e+00	3.259570e+00	2.975720e+00	3.276080e+00	0.000000e+00	0.000000e+00	0.000000e+00
460728	3.140860e+00	3.436530e+00	3.187370e+00	3.357870e+00	0.000000e+00	0.000000e+00	0.000000e+00
460729	0.000000e+00	7.568000e-02	2.057000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460730	0.000000e+00	7.172000e-02	1.110000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460731	0.000000e+00	7.765000e-02	2.539000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460732	3.441180e+00	3.224800e+00	3.605340e+00	3.635750e+00	0.000000e+00	0.000000e+00	0.000000e+00
460733	3.334730e+00	3.239830e+00	3.561000e+00	3.630660e+00	0.000000e+00	0.000000e+00	0.000000e+00
460734	3.522900e+00	3.212710e+00	3.641000e+00	3.639910e+00	0.000000e+00	0.000000e+00	0.000000e+00
460735	0.000000e+00	1.549800e-01	1.823000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460736	0.000000e+00	1.988400e-01	1.398000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460737	0.000000e+00	1.341100e-01	2.029000e-02	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460738	3.535610e+00	3.479250e+00	3.671120e+00	3.990430e+00	0.000000e+00	0.000000e+00	0.000000e+00
460739	3.555490e+00	3.539630e+00	3.793260e+00	4.007240e+00	0.000000e+00	0.000000e+00	0.000000e+00
460740	3.520640e+00	3.432270e+00	3.575400e+00	3.976910e+00	0.000000e+00	0.000000e+00	0.000000e+00
460744	3.770170e+00	3.564570e+00	4.027260e+00	4.092110e+00	0.000000e+00	0.000000e+00	0.000000e+00
460745	3.944340e+00	3.834140e+00	4.303490e+00	4.231150e+00	0.000000e+00	0.000000e+00	0.000000e+00
460746	3.643160e+00	3.358750e+00	3.814320e+00	3.980940e+00	0.000000e+00	0.000000e+00	0.000000e+00
460750	3.501350e+00	3.484710e+00	4.129380e+00	4.294680e+00	0.000000e+00	0.000000e+00	0.000000e+00
460751	3.801120e+00	3.880740e+00	4.534490e+00	4.767690e+00	0.000000e+00	0.000000e+00	0.000000e+00
460752	3.290680e+00	3.195340e+00	3.819910e+00	3.931830e+00	0.000000e+00	0.000000e+00	0.000000e+00
460753	5.605970e+00	5.491360e+00	5.629800e+00	6.046340e+00	0.000000e+00	0.000000e+00	0.000000e+00
460754	6.014610e+00	6.187160e+00	6.354900e+00	6.512690e+00	0.000000e+00	0.000000e+00	0.000000e+00
460755	5.345240e+00	5.024930e+00	5.128600e+00	5.709190e+00	0.000000e+00	0.000000e+00	0.000000e+00
460759	0.000000e+00	1.019200e+01	9.394220e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460760	0.000000e+00	9.461080e+00	8.927030e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460761	0.000000e+00	1.056446e+01	9.650310e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460762	3.685570e+00	3.665700e+00	3.875450e+00	4.071940e+00	0.000000e+00	0.000000e+00	0.000000e+00
460763	3.718950e+00	3.808230e+00	4.016500e+00	4.178590e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
460764	3.660900e+00	3.556970e+00	3.765970e+00	3.987010e+00	0.000000e+00	0.000000e+00	0.000000e+00
460922	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460923	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460924	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460925	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460926	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460927	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460928	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460929	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460930	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460931	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460932	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460933	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460934	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460935	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460936	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460937	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460938	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460940	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460941	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460943	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460944	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460945	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460946	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460947	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460948	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460949	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460950	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460980	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460981	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460982	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460983	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460984	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460985	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460986	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460987	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460988	3.000000e+00	3.556000e+00	3.765970e+00	3.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460989	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460990	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460991	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460992	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460993	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460994	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460995	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460996	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460997	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460998	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
460999	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461000	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461001	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461002	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461003	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
461004	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461005	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461006	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461007	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461008	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461009	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461010	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461011	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461012	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461013	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461014	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461015	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461016	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461017	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461018	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461019	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461020	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461021	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461022	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461023	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461024	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461025	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461026	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461027	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461028	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461029	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461030	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461031	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461032	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461033	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461034	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461035	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461036	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461037	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461038	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461039	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461040	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461041	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461042	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461043	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461044	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461045	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461046	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461047	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461048	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461049	4.934400e+00	5.095050e+00	5.406330e+00	5.635740e+00	7.795420e+00	8.067170e+00	7.976830e+00
461050	3.918480e+00	4.125550e+00	4.452300e+00	4.726290e+00	6.794750e+00	7.179800e+00	0.000000e+00
461051	6.573900e-01	6.791400e-01	6.989600e-01	7.211500e-01	7.717200e-01	8.011600e-01	0.000000e+00
461052	5.960710e+00	6.074640e+00	6.369930e+00	6.553780e+00	8.804640e+00	8.961721e+00	0.000000e+00
461053	4.978940e+00	5.141160e+00	5.448760e+00	5.683150e+00	7.847050e+00	0.000000e+00	8.015840e+00
461054	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461055	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
461056	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461057	3.769360e+00	3.881060e+00	4.120970e+00	4.307950e+00	6.380310e+00	6.557600e+00	6.301680e+00
461058	3.190310e+00	3.344090e+00	3.586770e+00	3.805770e+00	5.787180e+00	6.063040e+00	5.890790e+00
461059	7.327900e-01	7.561000e-01	7.697500e-01	7.905900e-01	8.294300e-01	8.594100e-01	8.773400e-01
461060	4.353620e+00	4.422830e+00	4.659620e+00	4.813870e+00	6.977260e+00	7.054920e+00	6.714350e+00
461061	1.165030e+00	1.213990e+00	1.285360e+00	1.327790e+00	1.415120e+00	1.509570e+00	1.675160e+00
461062	7.281700e-01	7.814700e-01	8.655400e-01	9.205200e-01	1.007570e+00	1.116760e+00	0.000000e+00
461063	4.531000e-01	4.731000e-01	5.060700e-01	5.290600e-01	5.513700e-01	5.856700e-01	0.000000e+00
461064	1.607080e+00	1.651810e+00	1.710310e+00	1.739910e+00	1.827380e+00	1.906800e+00	0.000000e+00
461065	4.454000e-02	4.611000e-02	4.243000e-02	4.740000e-02	5.163000e-02	0.000000e+00	3.900000e-02
461066	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461067	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461068	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461072	6.424260e+01	6.753689e+01	6.124344e+01	6.388874e+01	0.000000e+00	0.000000e+00	0.000000e+00
461073	6.114913e+01	6.602964e+01	5.949207e+01	6.245359e+01	0.000000e+00	0.000000e+00	0.000000e+00
461074	9.168400e-01	9.607300e-01	9.494700e-01	9.596200e-01	0.000000e+00	0.000000e+00	0.000000e+00
461075	6.669536e+01	6.872887e+01	6.265817e+01	6.508132e+01	0.000000e+00	0.000000e+00	0.000000e+00
461076	7.388793e+01	7.957742e+01	7.759729e+01	0.000000e+00	6.363094e+01	5.482584e+01	6.168358e+01
461077	7.566746e+01	7.851702e+01	7.856479e+01	0.000000e+00	0.000000e+00	0.000000e+00	6.143950e+01
461078	8.816700e-01	9.174300e-01	9.387000e-01	9.150700e-01	0.000000e+00	0.000000e+00	0.000000e+00
461079	7.254067e+01	8.041211e+01	7.681984e+01	0.000000e+00	0.000000e+00	0.000000e+00	6.188543e+01
461080	0.000000e+00	2.540661e+01	2.796066e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461081	0.000000e+00	2.356508e+01	2.460575e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461082	0.000000e+00	8.930300e-01	8.219400e-01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461083	0.000000e+00	2.638770e+01	2.993620e+01	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461084	0.000000e+00	0.000000e+00	7.582365e+01	0.000000e+00	6.363094e+01	5.199753e+01	5.735577e+01
461085	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.675258e+01
461086	7.990200e-01	8.372900e-01	8.446300e-01	8.625800e-01	0.000000e+00	0.000000e+00	0.000000e+00
461087	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	5.785277e+01
461088	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461089	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461090	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461091	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461092	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461093	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461094	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461095	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461096	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461097	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461098	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461099	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461100	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461101	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461106	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461107	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461108	3.000000e+00	3.000000e+00	3.000000e+00	3.000000e+00	3.000000e+00	3.000000e+00	3.000000e+00
461109	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461110	3.000000e+00	3.000000e+00	3.000000e+00	3.000000e+00	3.000000e+00	3.000000e+00	3.000000e+00
461111	6.000000e+00	6.000000e+00	6.000000e+00	6.000000e+00	6.000000e+00	6.000000e+00	6.000000e+00
461112	7.000000e+00	7.000000e+00	7.000000e+00	7.000000e+00	7.000000e+00	7.000000e+00	7.000000e+00
461113	4.000000e+00	4.000000e+00	4.000000e+00	4.000000e+00	4.000000e+00	4.000000e+00	4.000000e+00
461216	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
461217	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461218	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461219	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461220	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461221	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461222	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461223	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461224	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461225	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461226	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461227	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461228	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461229	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461230	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461231	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461232	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461233	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461234	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461235	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461236	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461237	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461238	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461239	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461240	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461241	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461242	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461243	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461244	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461245	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461246	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461247	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461248	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461249	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461250	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461251	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461252	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461253	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461254	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461255	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461256	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461257	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461258	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461259	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461260	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461261	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461262	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461263	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461264	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461265	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461266	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461267	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461268	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
461269	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461270	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461271	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461272	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461273	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461274	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461275	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461276	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461277	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461278	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461279	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461280	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461281	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461282	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461283	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461284	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461285	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461286	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461287	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461288	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461289	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461290	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461291	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461292	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461293	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461294	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461295	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461296	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461297	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461298	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461299	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461300	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461301	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461302	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461303	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461304	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461305	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461306	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461307	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461308	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461309	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461310	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461311	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461312	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461313	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461314	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461315	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461316	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461317	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461318	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461319	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461320	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
461321	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461322	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461323	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461324	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461325	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461326	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461333	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461335	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461336	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461337	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461339	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461340	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461341	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461343	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461344	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461345	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461346	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461347	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461348	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461349	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461350	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461351	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461352	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461353	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461354	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461355	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461356	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461357	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461358	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461359	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461360	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461361	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461362	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461363	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461364	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461365	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461366	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461367	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461368	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461369	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461370	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461371	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461372	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461373	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461374	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461375	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461376	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461377	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461378	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461379	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461380	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461381	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
461382	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461383	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461384	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461385	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461386	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461387	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461388	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461389	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461390	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461391	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461392	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461393	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461394	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461395	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461396	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461397	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461398	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461399	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461400	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461401	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461402	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461403	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461404	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461405	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461406	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461407	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461408	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461409	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461410	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461411	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461412	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461413	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461414	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461415	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461416	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461417	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461418	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461419	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461420	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461421	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461422	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461423	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461424	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461425	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461426	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461427	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461428	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461429	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461430	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461431	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461432	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461433	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
461434	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461435	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461436	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461437	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461438	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461439	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461440	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461441	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461442	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461443	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461444	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461445	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461446	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461447	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461448	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461449	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461450	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461451	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461452	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461453	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461454	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461455	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461456	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461457	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461458	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461459	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461460	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461461	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461462	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461463	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461464	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461465	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461466	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461467	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461468	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461469	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461470	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461471	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461472	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461473	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461474	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461475	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461476	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461477	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461478	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461479	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461480	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461481	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461482	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461483	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461484	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461485	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
461486	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461487	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461488	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461489	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461490	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461491	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461492	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461493	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461494	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461495	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461496	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461497	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461498	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461499	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461500	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461501	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461502	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461503	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461504	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461505	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461506	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461507	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461508	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461509	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461510	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461511	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461512	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461513	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461514	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461515	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461516	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461517	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461518	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461519	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461520	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461521	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461522	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461523	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461524	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461525	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461526	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461527	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461528	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461529	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461530	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461531	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461532	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461533	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461534	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461535	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461536	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461537	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
461538	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461539	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461540	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461541	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461542	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461543	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461544	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461545	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461546	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461547	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461548	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461549	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461550	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461551	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461552	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461553	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461554	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461555	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461556	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461557	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461558	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461559	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461560	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461561	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461562	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461563	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461564	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461565	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461566	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461567	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461568	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461569	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461570	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461571	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461572	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461573	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461574	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461575	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461576	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461577	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461578	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461579	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461580	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461581	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461582	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461583	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461584	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461585	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461586	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461587	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461588	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461589	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
461590	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461591	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461592	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461593	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461594	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461595	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461596	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461597	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461598	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461599	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461600	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461601	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461602	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461603	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461604	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461605	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461606	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461607	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461608	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461609	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461610	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461611	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461612	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461613	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461614	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461615	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461616	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461617	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461618	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461619	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461620	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461621	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461622	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461623	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461624	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461625	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461626	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461627	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461628	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461629	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461630	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461631	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461632	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461633	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461634	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461635	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461636	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461637	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461638	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461639	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461640	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461641	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
461642	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461643	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461644	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461645	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461646	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461647	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461648	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461649	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461650	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461651	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461652	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461653	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461654	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461655	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461656	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461657	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461658	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461659	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461660	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461661	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461662	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461663	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461664	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461665	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461666	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461667	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461668	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461669	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461670	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461671	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461672	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461673	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461674	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461675	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461676	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461677	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461678	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461679	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461680	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461681	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461682	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461683	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461684	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461685	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461686	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461687	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461688	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461689	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461690	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461691	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461692	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461693	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
461694	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461695	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461696	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461697	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461698	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461699	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461700	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461701	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461702	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461703	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461704	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461705	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461706	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461707	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461708	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461709	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461710	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461711	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461712	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461713	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461714	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461715	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461716	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461717	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461718	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461719	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461720	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461721	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461722	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461723	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461724	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461725	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461726	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461727	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461728	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461729	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461730	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461731	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461732	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461733	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461734	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461735	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461736	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461737	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461738	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461739	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461740	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461741	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461742	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461743	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461744	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461745	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

	X1970	X1971	X1972	X1973	X1974	X1975	X1976
461746	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461747	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461748	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461749	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461750	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461751	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461752	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461753	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461754	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461755	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461756	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461757	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461758	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461759	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461760	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461761	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461762	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461763	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461764	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461765	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461766	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461767	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461768	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461769	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461770	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461771	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461772	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461773	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461774	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461775	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461776	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461777	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461778	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461779	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461780	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461781	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461782	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.00000e+00	0.000000e+00
461783	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461784	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461785	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461786	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461787	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461788	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461789	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00
461790	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00	0.000000e+00

Problem 4

```
df_first_1 <- c_1[1:2]
df_first_1 = df_first_1[which(df_first_1 > 0),  ,drop=T]
df_first_1 <- df_first_1[apply(df_first_1, 1, function(x) !all(is.na(x))),]
```

```
y = log(df_first_1$X1970)
x = log(df_first_1$X1971)
lm_fit <- lm(y ~ x)
par(mfrow=c(3,2))
hist(x)
hist(y)
qqnorm(x)
qqnorm(y)
plot(residuals(lm_fit))
plot(cooks.distance(lm_fit))
```
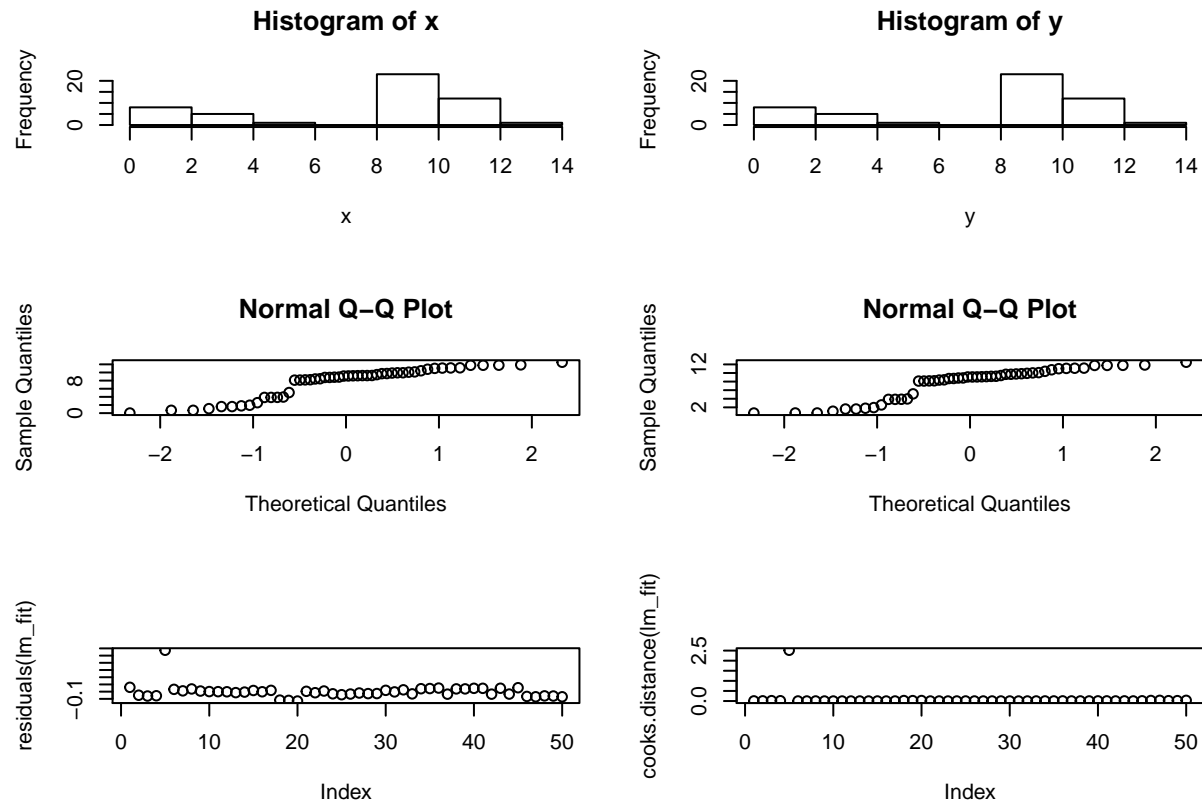

Problem 5

```
qplot(x, geom="histogram")
```

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```
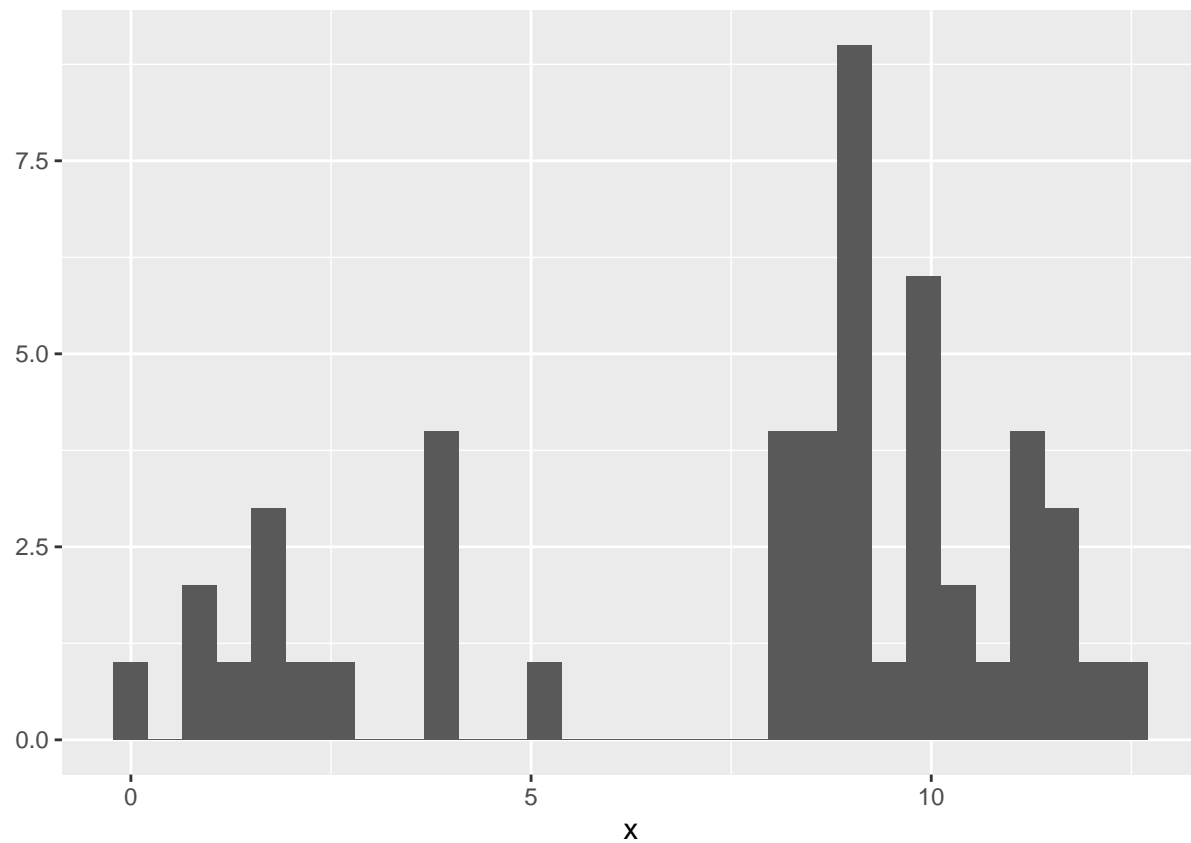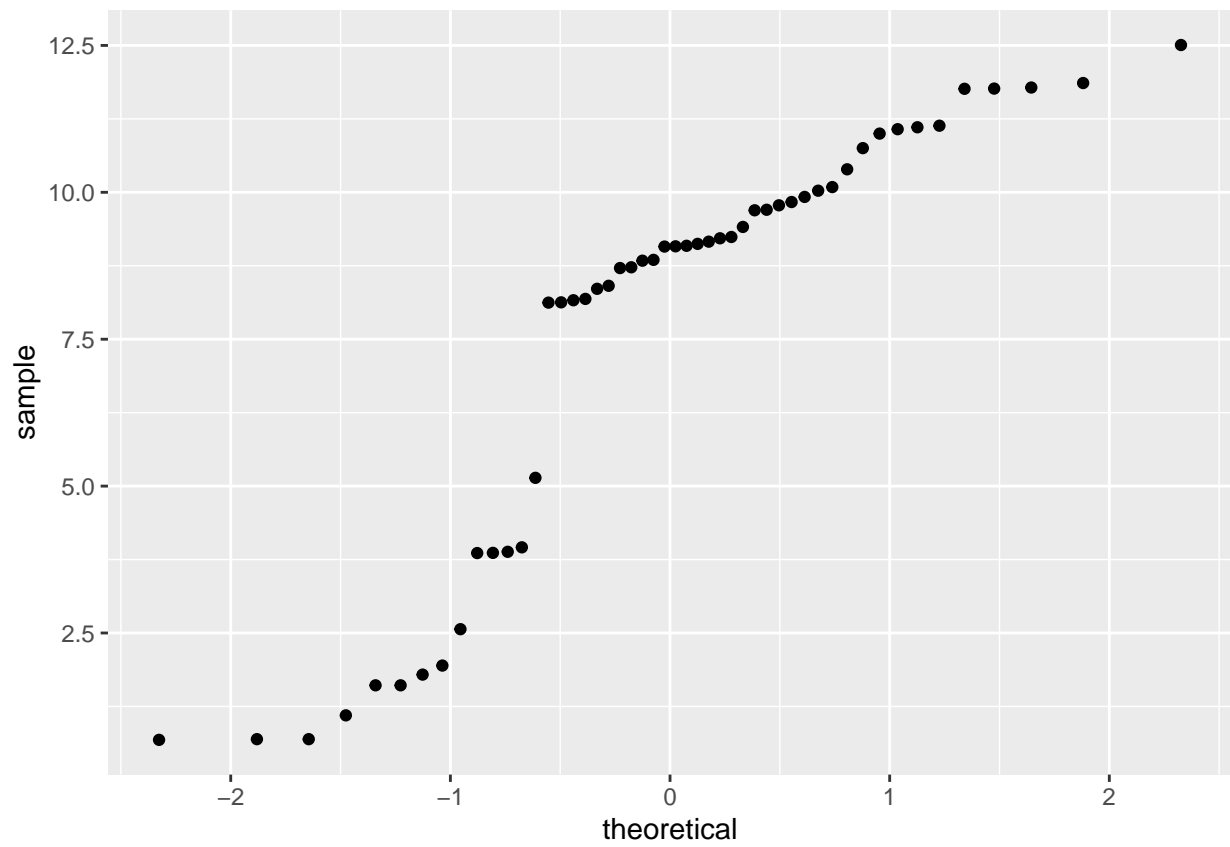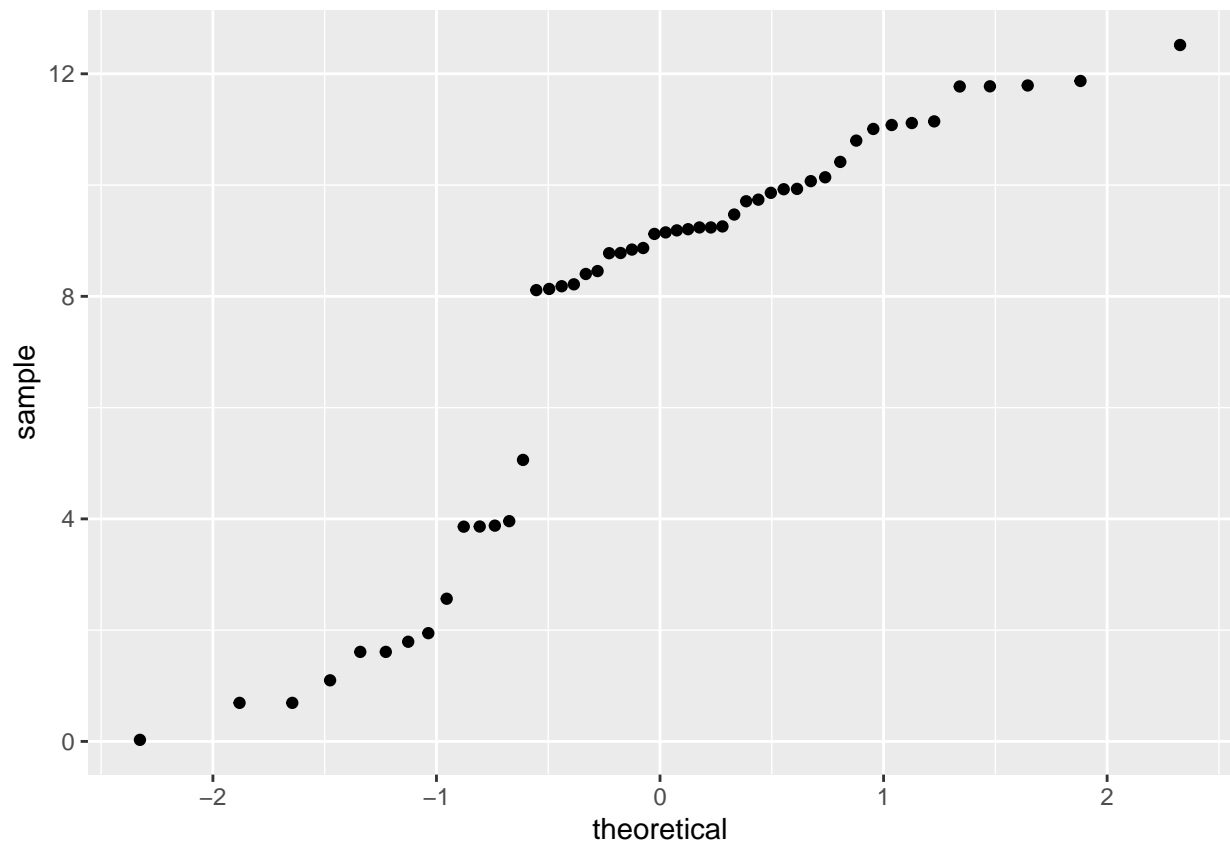
```
qplot(y, geom="histogram")
```

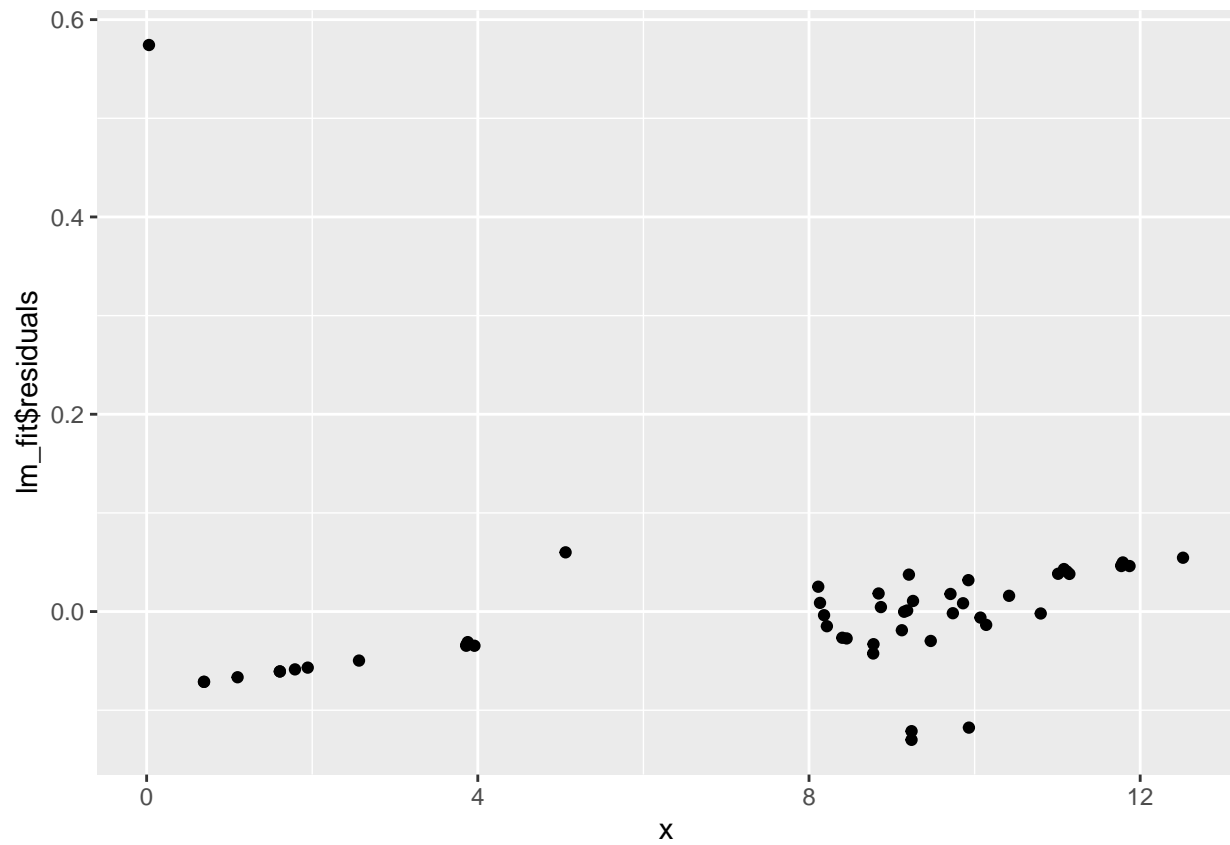## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
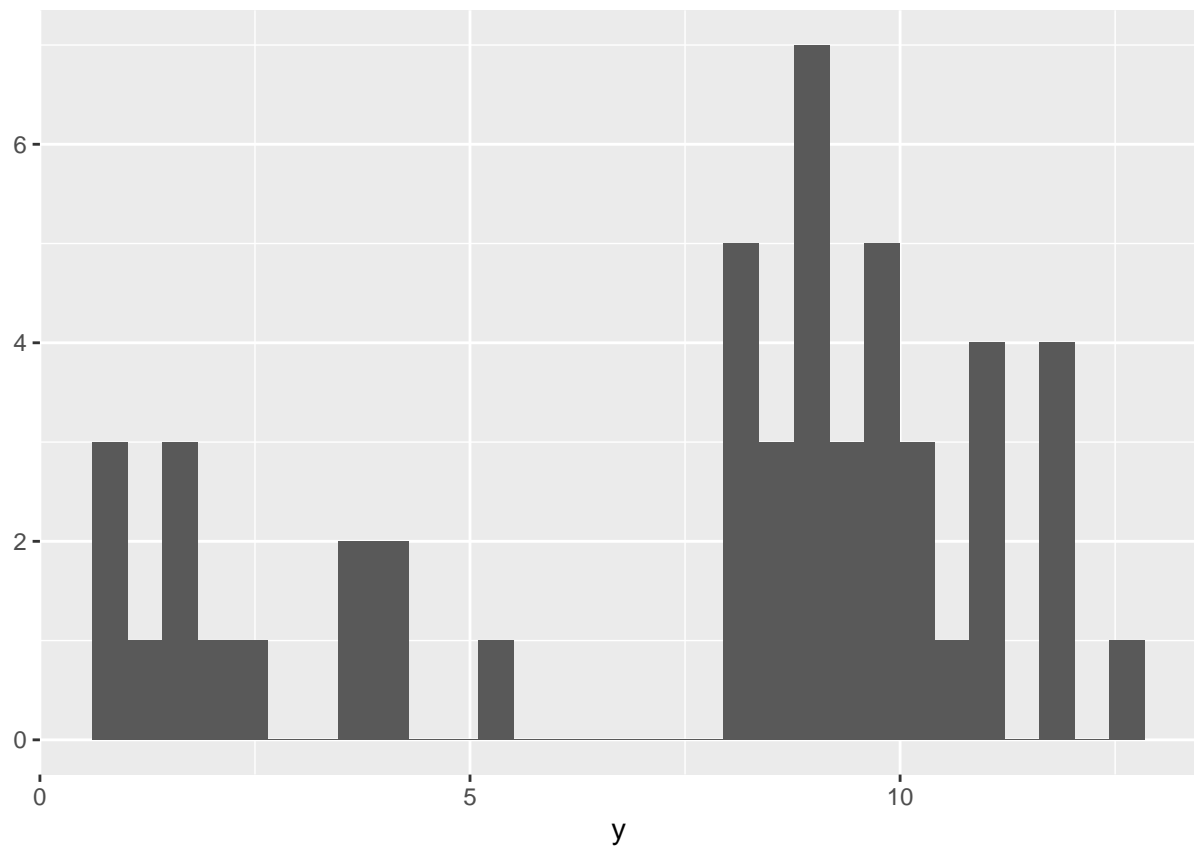
```
ggplot(df_first_1, aes(sample=log(X1970)))+stat_qq()
```

```
ggplot(df_first_1, aes(sample=log(X1971)))+stat_qq()
```

```r
ggplot(lm_fit, aes(x=x, y=lm_fit$residuals)) + geom_point()
```

```
ggplot(lm_fit, aes(x=x, y=cooks.distance(lm_fit))) + geom_point()
```