Date &time

https://sasexamplecode.com/calculate-difference-sas-timestamp/

**data** work.my\_time\_ds\_2;

input start\_time :time10. end\_time :time10.;

format start\_time end\_time time10.0;

datalines;

**10**:00:**30** **10**:01:00

**10**:00:**30** **10**:**10**:00

**10**:00:**30** **11**:00:00

;

**run**;

**data** work.difference\_minutes;

set work.my\_time\_ds\_2;

diff\_in\_minutes\_disc = intck("minute", start\_time, end\_time, "d"); /\* method “d” : discrete \*/

diff\_in\_minutes\_cont = intck("minute", start\_time, end\_time, "c"); /\* method “c” : continue \*/

**run**;

| **start\_time** | **end\_time** | **diff\_in\_minutes\_disc** | **diff\_in\_minutes\_cont** |
| --- | --- | --- | --- |
| 10:00:30 | 10:01:00 | 1 | 0 |
| 10:00:30 | 10:10:00 | 10 | 9 |
| 10:00:30 | 11:00:00 | 60 | 59 |