

Path procedura

file input pesi

The screenshot shows a WinSCP session with a local file explorer on the left and a remote file explorer on the right. The local explorer shows a directory structure with files like 'PESI-san9.csv', 'PESI-san9_agosto.csv', 'PESI-san9_giugno.csv', 'PESI-san9.csv', 'frequenze_san9.csv', 'frequenze_MEMBRI-san9.csv', 'PESI-PCT_giorno-luglio.csv', 'PESI-PCT_giorno-agosto.csv', 'PESI-PCT_giorno-giugno.csv', 'PESI-pct9.csv', 'frequenze_MEMBRI-pct9.csv', and 'frequenze_pct9.csv'. The remote explorer shows a directory structure with files like 'PESI-san9.csv', 'PESI-san9_agosto.csv', 'PESI-san9_giugno.csv', 'PESI-san9.csv', 'frequenze_san9.csv', 'frequenze_MEMBRI-san9.csv', 'PESI-PCT_giorno-luglio.csv', 'PESI-PCT_giorno-agosto.csv', 'PESI-PCT_giorno-giugno.csv', 'PESI-pct9.csv', 'frequenze_MEMBRI-pct9.csv', and 'frequenze_pct9.csv'. The 'PESI-san9.csv' file is open in a text editor, showing a table of data with columns 'mese' and 'WT1' through 'WT9'. The data is as follows:

mese	WT1	WT2	WT3	WT4	WT5	WT6	WT7	WT8	WT9
06	0	.014166	.115000	.240833	0	0	.216666	0	.413333
07	0	0	.011290	.326612	0	0	.552419	0	.109677
08	0	0	.022580	.386290	0	0	.484677	0	.131451

The screenshot shows a terminal window with a script for creating forecast files. The script is as follows:

```
#!/bin/bash -l

cd /home/salute/seasonal/ens_procedure

pwd
day=86400
diff=$((date +%s) - $(date +%s -r /home/salute/seasonal/PESI-san9.csv))
diff_1=$((date +%s) - $(date +%s -r /home/salute/seasonal/PESI-pct9.csv))

if [ $diff -gt $day ]
then
    echo "file input gianni vecchio"
    exit
fi
if [ $diff_1 -gt $day ]
then
    echo "file input gianni vecchio"
    exit
fi

/usr/bin/Rscript create_forecast_temp_bayes.r
/usr/bin/Rscript create_forecast_rain_bayes.r
/usr/bin/Rscript create_forecast_temp_bayes_v20_clim.r
/usr/bin/Rscript create_forecast_rain_bayes_v20_clim.r
/usr/bin/Rscript create_forecast_temp_bayes_v20_9818.r
/usr/bin/Rscript create_forecast_rain_bayes_v20_9818.r

echo "Procedura per il calcolo degli ensemble che produce netcdf"
```

The script is run in a terminal window, and the output shows the creation of forecast files. The files are created in the directory /home/salute/seasonal/ens_procedure. The files are:

- no_operatives
- old_files
- ensemble_procedure_ECM.sh
- ensemble_procedure.sh
- create_forecast_rain_bayes_v20_clim_ECM.r
- create_forecast_rain_bayes_v20_9818_ECM.r

The script also shows the creation of a netcdf file, which is then used to create a forecast file. The forecast file is created in the directory /home/salute/seasonal/ens_procedure/create_forecast_rain_bayes_v20_clim_ECM.r. The forecast file is created with the following command:

```
mkdir -p /home/salute/seasonal/outcomes
outdir="/home/salute/data/output/clima/v20_clim_ECM/"
dir_eobs_statbayes="/home/salute/seasonal/procedure_data/stats_eobs/stats_eobs_wt_v20/stats_bayes"
period_wt="8110"
#####
# functions & vars definition
var=c("r")
estrai_wt=function(x) as.numeric(sub(".",nc.rds","",sub(".",wt._",".x)))
weighted.sum=function(x,w){ sum(x*w,na.rm=T) }
#####
# Call working directory
setwd(outdir)
mask=readRDS("data/mask_crop.rds") # mask
stat_bayes_wtclim_rr=readRDS(paste0(outdir,dir_eobs_statbayes,"r",fullstat_bayes_wtclim_rr_clim.rds))
#####
# read pesi already calculated and storing in R format
pct9_weights=read.table("/home/salute/seasonal/PESI_ECM-pct9.csv", header=T)
saveRDS(pct9_weights,paste0(outdir,dir_eobs_statbayes,"r",Sys.Date(),"_","period_wt","rds"))
ls_forecast_rain=list(pct9_weights[1,2:10],pct9_weights[2,2:10],pct9_weights[3,2:10])
names(ls_forecast_rain)=pct9_weights$smese
mon_forecast_rain=names(ls_forecast_rain)
```

/home/salute/data/output/clima/					
Nome	Dimensi...	Modificato	Diritti	Proprie...	
..		22/04/2020 20.49.47	rw-r--r--	salute	
archive		21/09/2017 12.56.06	rw-rw-rw-	salute	
observed		05/03/2018 13.01.55	rw-rw-r--	salute	
v20_9618		17/01/2020 12.23.21	rw-rw-r--	salute	
v20_9618_ECM		05/02/2020 11.23.40	rw-rw-r--	salute	
v20_clim		17/01/2020 12.21.41	rw-rw-r--	salute	
v20_clim_ECM		05/02/2020 11.21.55	rw-rw-r--	salute	
forecast_piTEns_tg_1_bayes.nc	154 KB	08/05/2020 17.30.22	rw-rw-r--	salute	
forecast_piTEns_tg_2_bayes.nc	154 KB	08/05/2020 17.30.23	rw-rw-r--	salute	
forecast_piTEns_tg_3_bayes.nc	154 KB	08/05/2020 17.30.23	rw-rw-r--	salute	
forecast_piTEns_tn_1_bayes.nc	154 KB	08/05/2020 17.30.24	rw-rw-r--	salute	
forecast_piTEns_tn_2_bayes.nc	154 KB	08/05/2020 17.30.24	rw-rw-r--	salute	
forecast_piTEns_tn_3_bayes.nc	154 KB	08/05/2020 17.30.24	rw-rw-r--	salute	
forecast_piTEns_tx_1_bayes.nc	154 KB	08/05/2020 17.30.23	rw-rw-r--	salute	
forecast_piTEns_tx_2_bayes.nc	154 KB	08/05/2020 17.30.23	rw-rw-r--	salute	
forecast_piTEns_tx_3_bayes.nc	154 KB	08/05/2020 17.30.24	rw-rw-r--	salute	
forecast_omTEns to 1 bayes.nc	154 KB	08/05/2020 17.30.23	rw-rw-r--	salute	

directory uscite