Transfer latencies (PUBLIC)

150324

- installed R and R-studio
- 30 mins on R basics, then quickly go and edit Meric's (good!) code and learn from there
- re-rerun and try to reproduce it
  - one using R-Studio, one using just c.l. commands (e.g. "r -f mycode.r")
  - both reproduced Meric's set of plots
    - http://bonacor.web.cern.ch/bonacor/TraLat/TomDan_small_block.pdf (same as Meric's)
    - http://bonacor.web.cern.ch/bonacor/TraLat/TomDan_large_block.pdf (same as Meric's)
  - only issue was R-Studio process on MacBook at 99,8% CPU for minutes..
- Tommaso tried to bridge with a run of 100 <= bytes <= 500, and produce the plots
  - http://bonacor.web.cern.ch/bonacor/TraLat/TomDan_medium_block.pdf (NEW, not sure how useful though)
- Tommaso gave a quick look, and compiled the table below, one question:
  - why stuckEarly+StuckLate+StuckOthers do not sum up to data (i.e. total # blocks after filtering from csvData?)
- more observations
  - early-stuck always dominates
  - the more the block size increases, the less relevant "others" become (i.e. tails become more and more relevant: probably make sense?)
  - not big but some differences in data types (why? only because correlated to something else which matters, e.g. destinations? should look into them..)
- all skew plots also available, but had not time yet to get deep into them (BTW: not yet fully studied what each skew is..)
- no time to get into GitHub (yet)
- ready to get deeper into it with some guidance, and do something useful quickly!

		data	stuckEarly		stuckLate		stuckOthers		sum of stuck*
csvData	2.858.519								
small	-	32.153	17.310	54%	5.144	16%	12.971	40%	35.425
medium	-	52.033	30.640	59%	10.150	20%	18.276	35%	59.066
large	-	30.434	17.911	59%	9.371	31%	9.455	31%	36.737
sum		**114.620**	**65.861**		**24.665**		**40.702**		