ival cano 252d			I	l	
ivol_capm_252d - prc - prc highpre 252d -					
prc - prc_highprc_252d - rvol_21d - opex_at -					
at_me - sale_me - ami_126d - market_equity - zero_trades_21d -					
ami_126d - market_equity -					
uoivoi vai 1260 -					
ocf_at - bidaskhl_21d - dolvol_126d -					
dolvol_126d - at_be - at_turnover -					
rmax5 21d -					
be_me - ivol_hxz4_21d -					
gp_at - beta_60m - ni_mo -					
ni me - turnover_126d - rmay5_ryol_21d -					
rmax5_rvol_21d - seas_1_1na - ivol_ff3_21d -					
zero_trades_252d - ivol_capm_21d -					
riq_at - niq_at - zero_trades_252d - ivol_capm_21d - netdebt_me - seas_2_5na - ret_60_12 - ret_6_1 -					
ret_60_12 - ret_6_1 -					
zero_trades_126d - ret_12_1 - ret_1_0 -					
div12m_me - ebit_sale -					
debt me -					
ebitda_mev - aliq_mat - bev_mev -					
ni_ivol - op at -					
ami safety -	_				
turnover_var_126d - ret_9_1 - sale_bev - chcsho_12m -					
o score -					
betabab_1260d - tangibility - ret_3_1 -					
mispricing_perf - corr_1260d -					
noa_at -					
gp_atl1 - aliq_at - ocf_me - ebit_bev - ret_12_7 - cop_at - taccruals_ni -					
ocf_me - ebit_bev -					
ret_ 1 2_7 - cop_at -					
ici ilie					
ocfq_saleq_std - oaccruals_ni - oaccruals_at -					
z score -					
qmj_growth - betadown_252d - eqnpo_12m -					
rskew 21d -					
mispricing_mgmt - taccruals_at - eqnetis_at -					
resff3_12_1 - saleq_su -	-				
fnl_gr1a - op atl1 -					
nfna_gr1a - sale_gr3 -					
eqnpo_me - ival_me -	-				
niq_be - at_gr1 -					
kz_index - be_gr1a - qmj -	-				
f score -	-				
seas_6_10na - niq_be_chg1 - eq_dur -					
saleg gr1 -	-				
niq_at_chg1 - resff3_6_1 - rd_sale -	-				
iskew_capm_21d - debt_gr3 -					
inv_gr1a - beta_dimson_21d -					
sale_grl - ncoa_grla -					
cop_atl1 - ni_inc8q - dgp_dsale -	_				
rd_me - ope_be -					
niq_su - pi_nix -					
dbnetis_at - capx_gr3 -	-				
cash_at - seas_2_5an -					
ppeinv_gr1a - tax_gr1a - seas_1_1an -	-				
lnoa_gr1a -					
ncol_gr1a - sti_gr1a - netis_at -					
noa_gr1a - nncoa_gr1a -					
coa_gr1a -	-				
capex_abn - seas_11_15na - capx_gr2 -					
inv_gr1 - dsale_dsga - ope_bel1 -					
earnings variability -					
coskew_21d - capx_gr1 - ni_ar1 -	-				
ni_ar1 - iskew_ff3_21d - rd5_at -					
gmj prot -					
.col_gr1a - - iskew_hxz4_21d - ocf_at_chg1					
emp_gr1 - dsale dinv -					
emp_gr1 - dsale_dinv - seas_6_10an - dsale_drec -					
- cowc_gria - sale emp gr1					
seas_16_20na - ti_gr1a - seas_11_15an -					
- seas_11_15an - seas_16_20an - ni_be	1				
ni_be - rmax1_21d -	-				1
	NN1	NN2	NN3	NN4	NN5