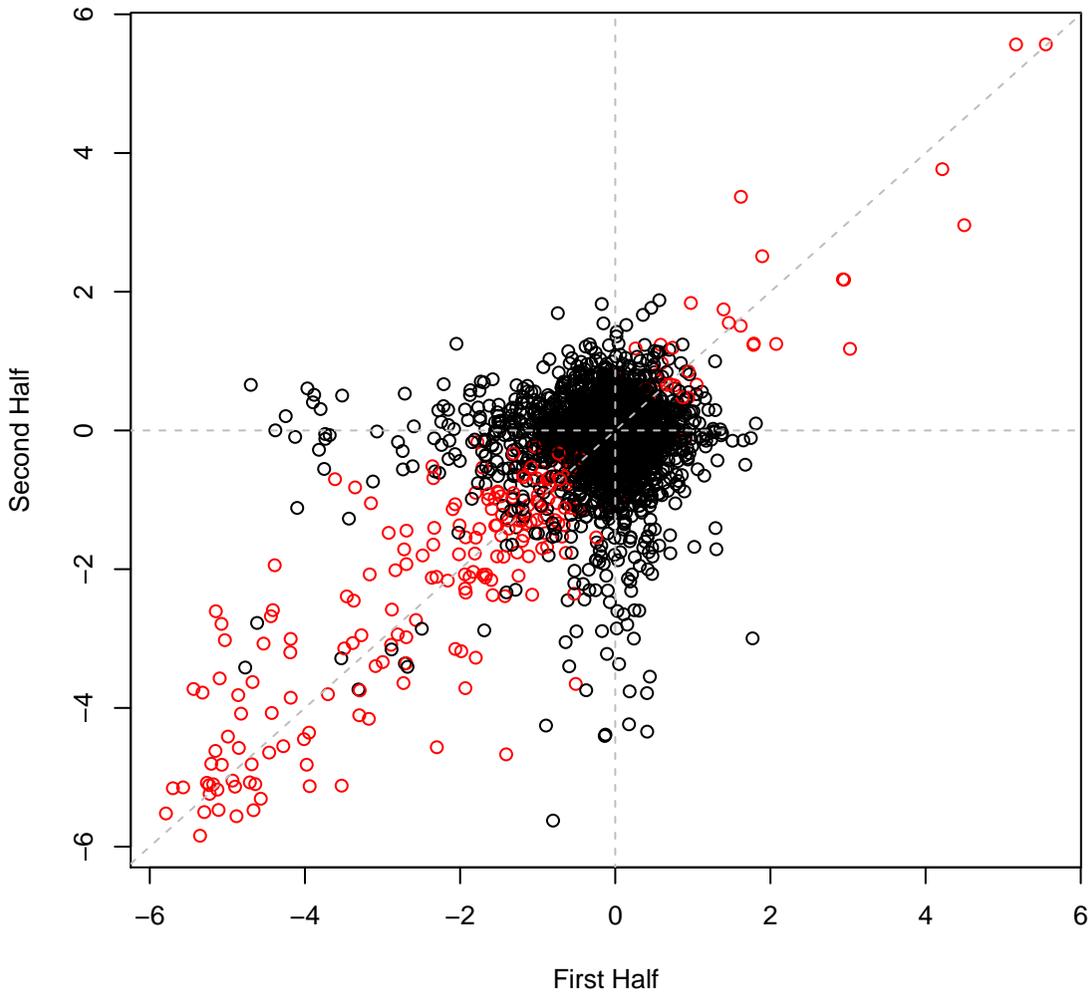
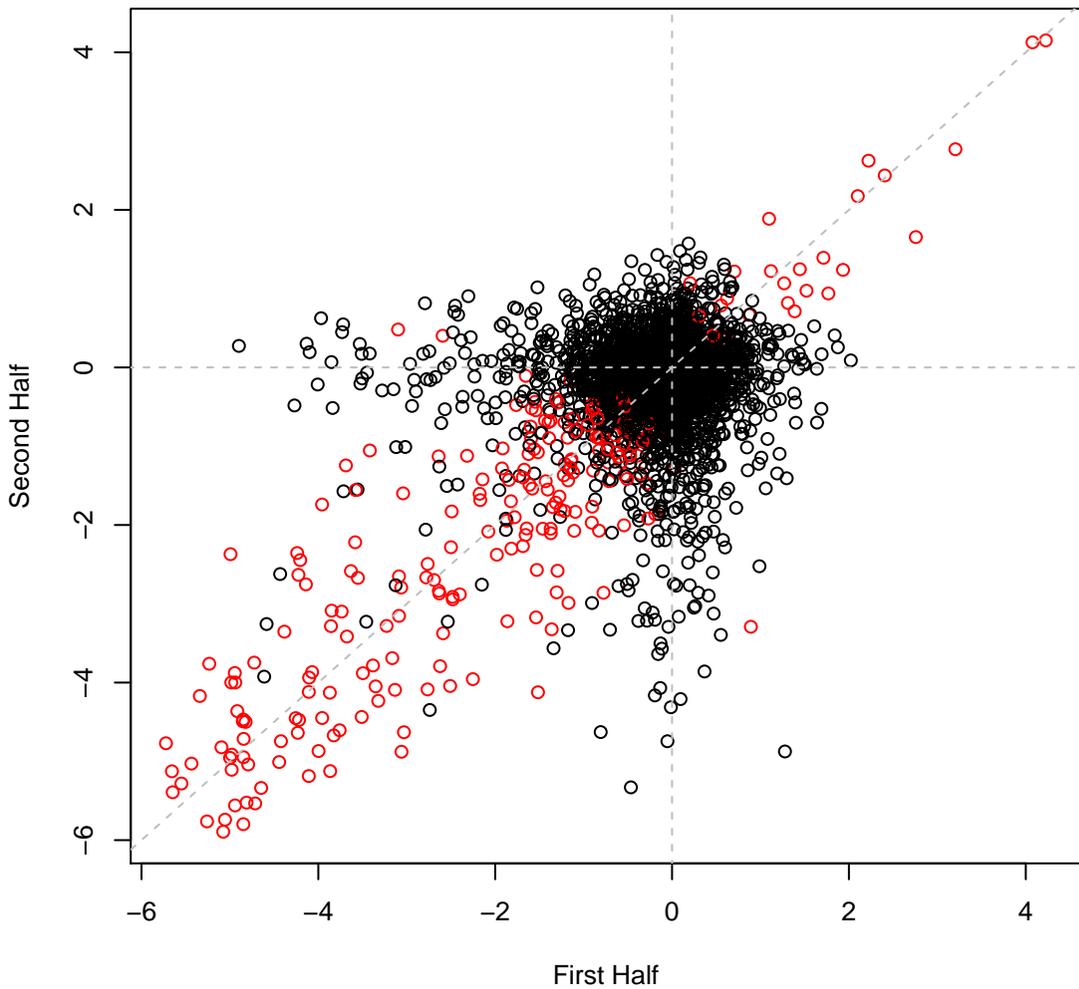


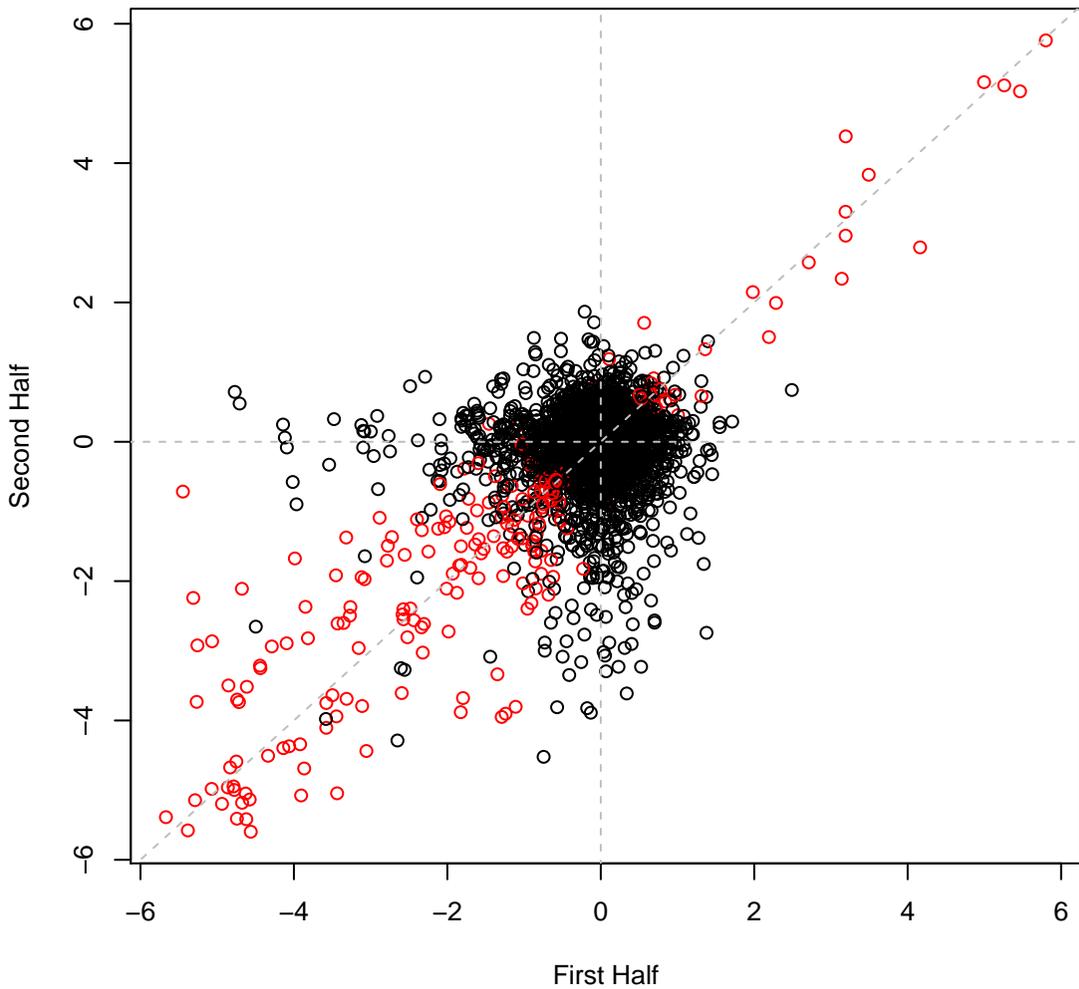
pseudo13\_GW456\_L13 set1IT002 #2 (gMed=108 rho12=0.193)  
D-Fructose (C)



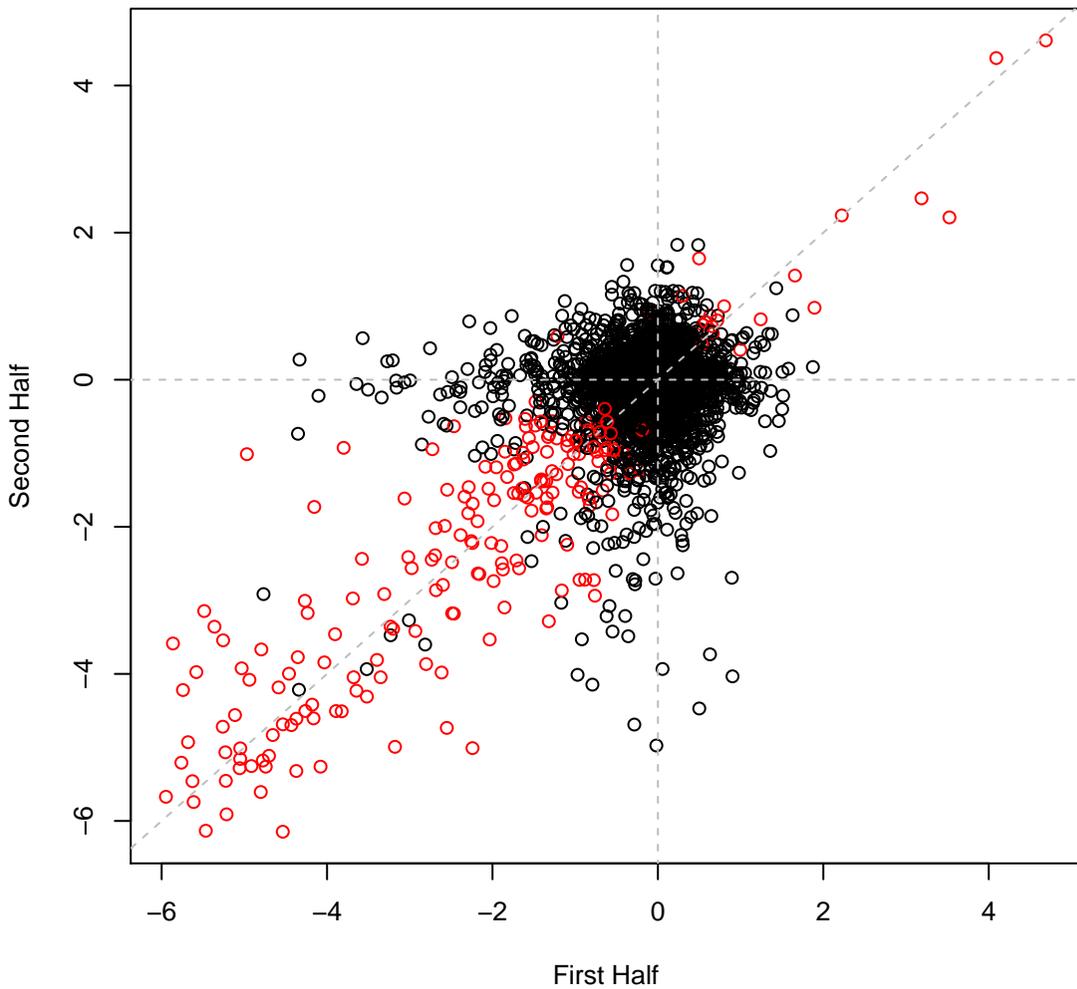
pseudo13\_GW456\_L13 set1IT003 #3 (gMed=92 rho12=0.198)  
Sucrose (C)



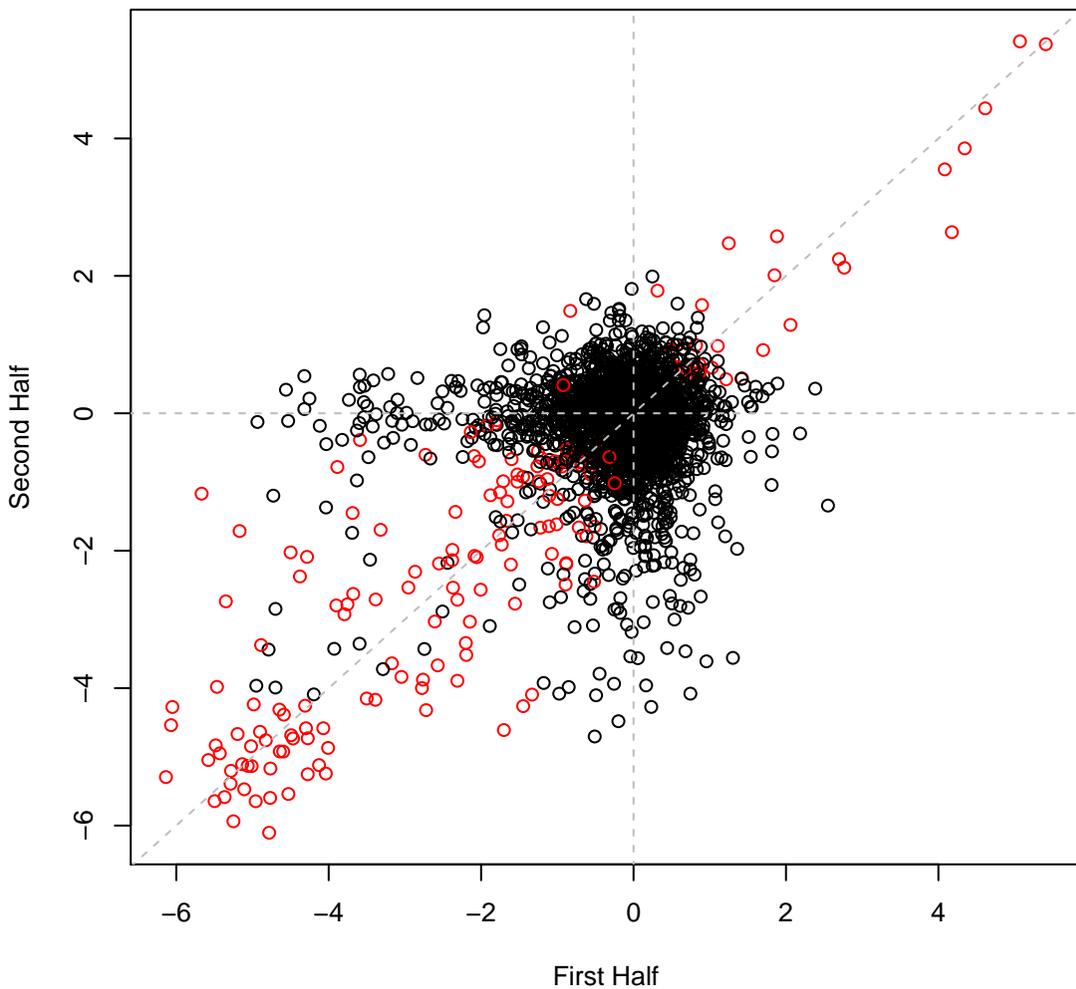
pseudo13\_GW456\_L13 set1IT004 #4 (gMed=97 rho12=0.198)  
L-Arabinose (C)



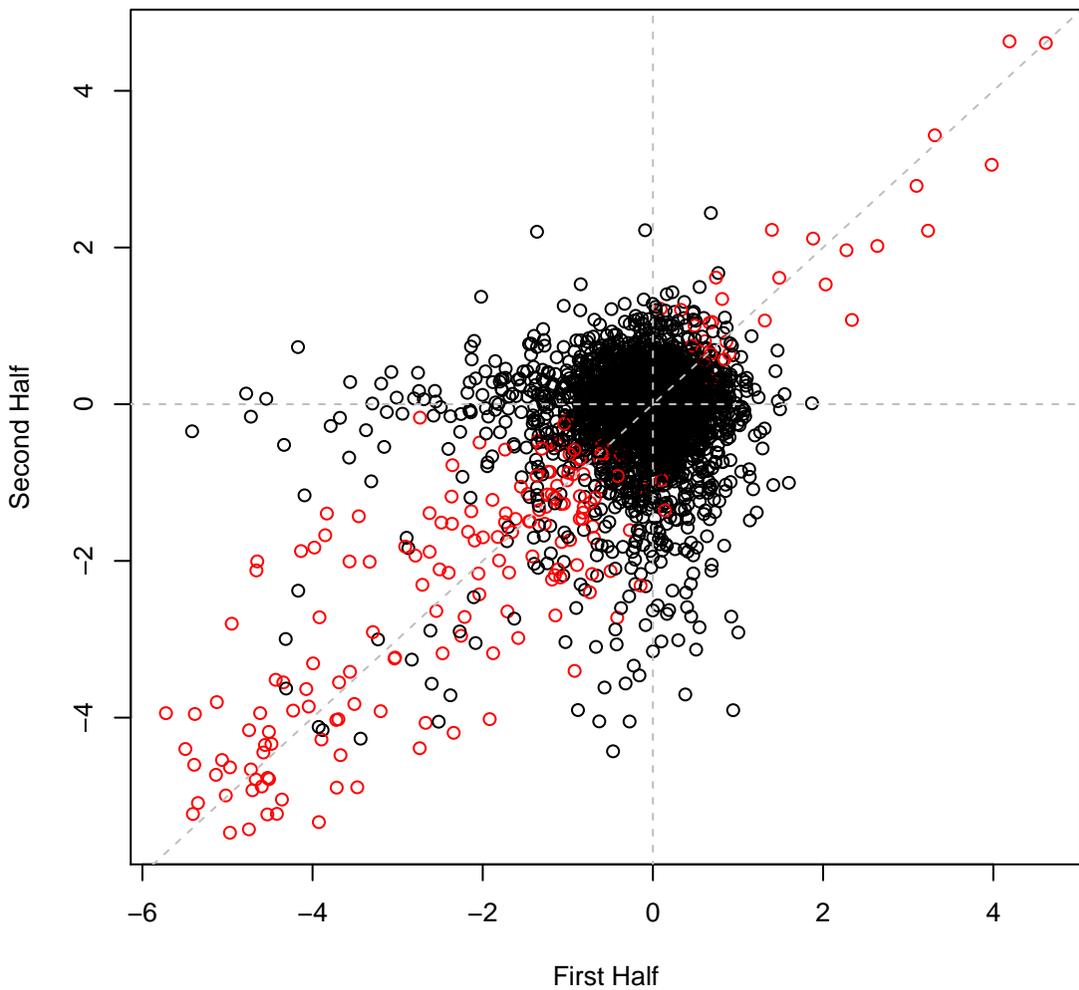
pseudo13\_GW456\_L13 set1IT005 #5 (gMed=113 rho12=0.229)  
D-Galactose (C)



pseudo13\_GW456\_L13 set1IT006 #6 (gMed=118 rho12=0.131)  
a-Ketoglutaric (C)

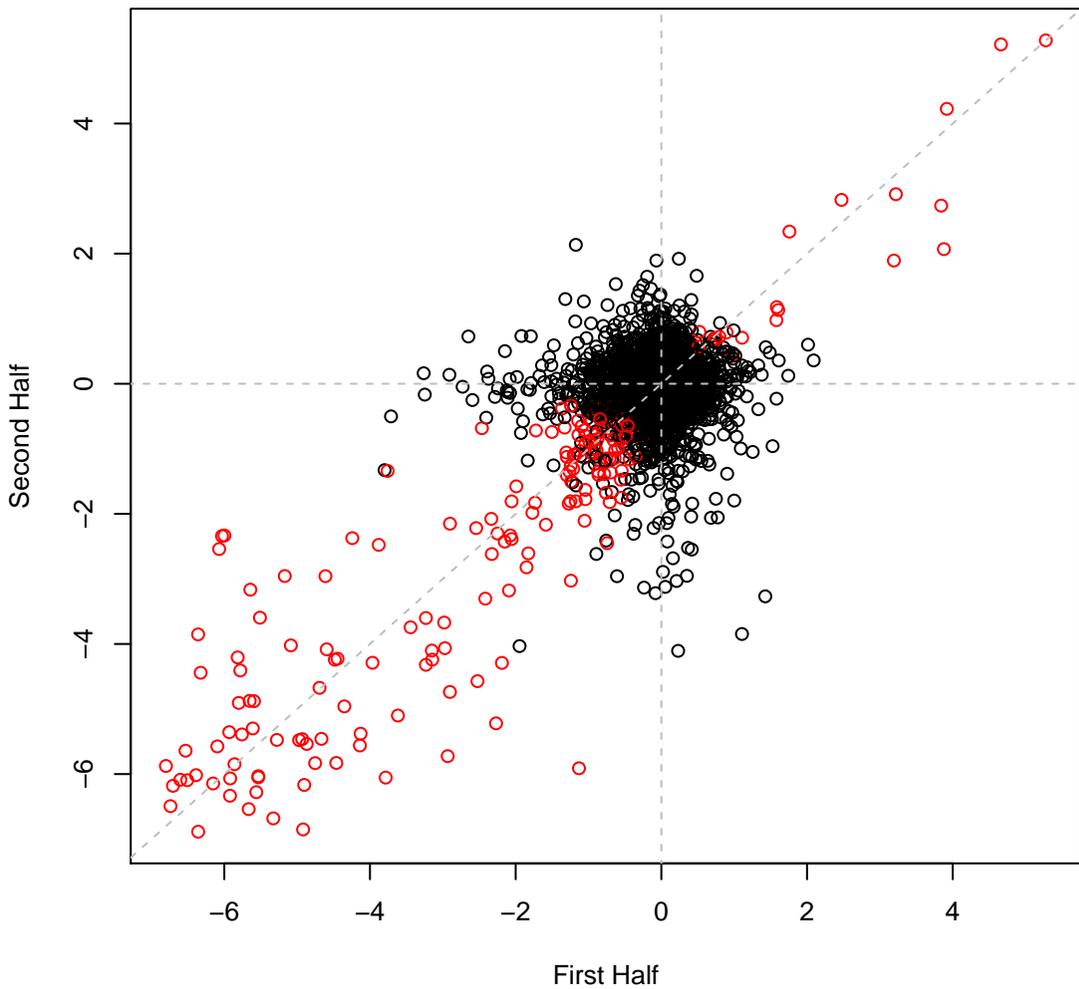


pseudo13\_GW456\_L13 set1IT007 #7 (gMed=77 rho12=0.189)  
D-Gluconic Acid (C)

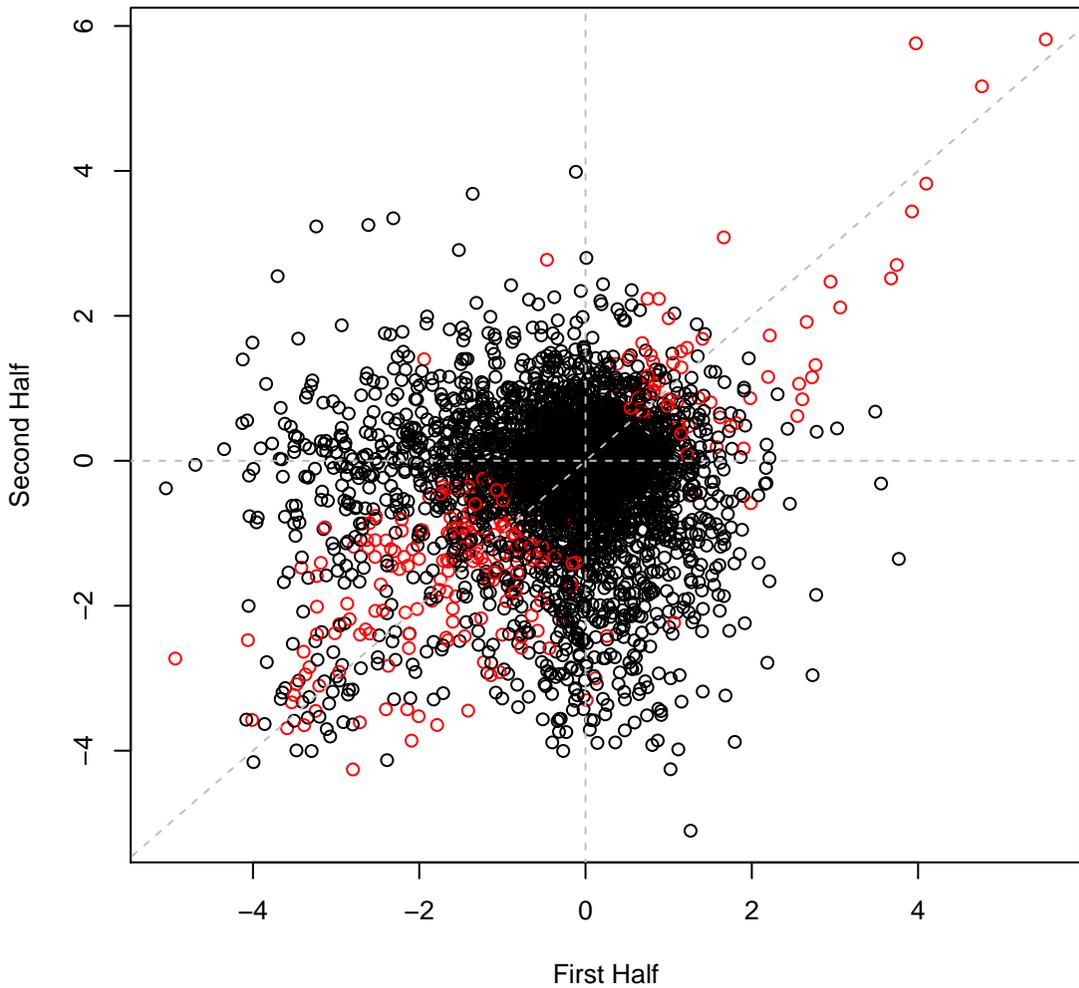




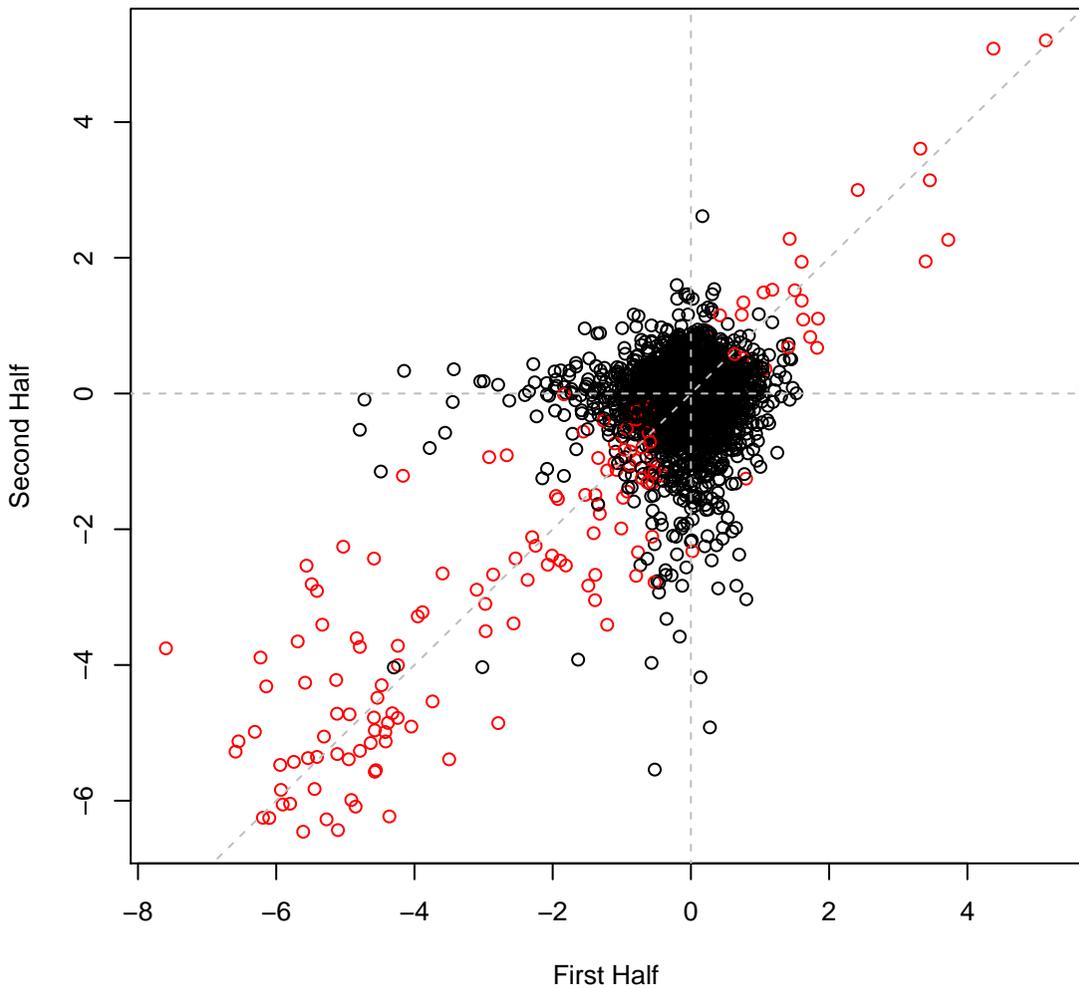
pseudo13\_GW456\_L13 set1IT009 #9 (gMed=294 rho12=0.189)  
D-Lactate (C)



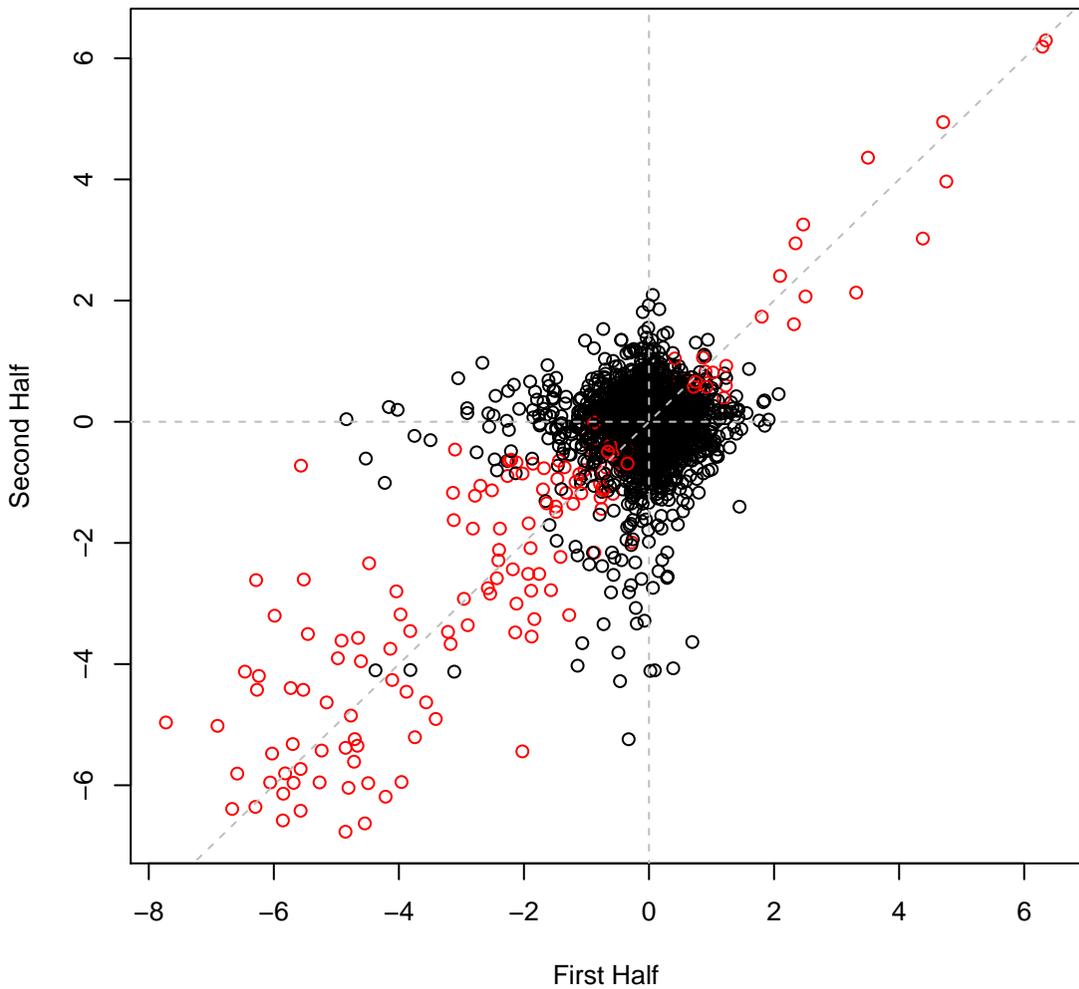
pseudo13\_GW456\_L13 set1IT010 #10 (gMed=36 rho12=0.087)  
L-Lactate (C)



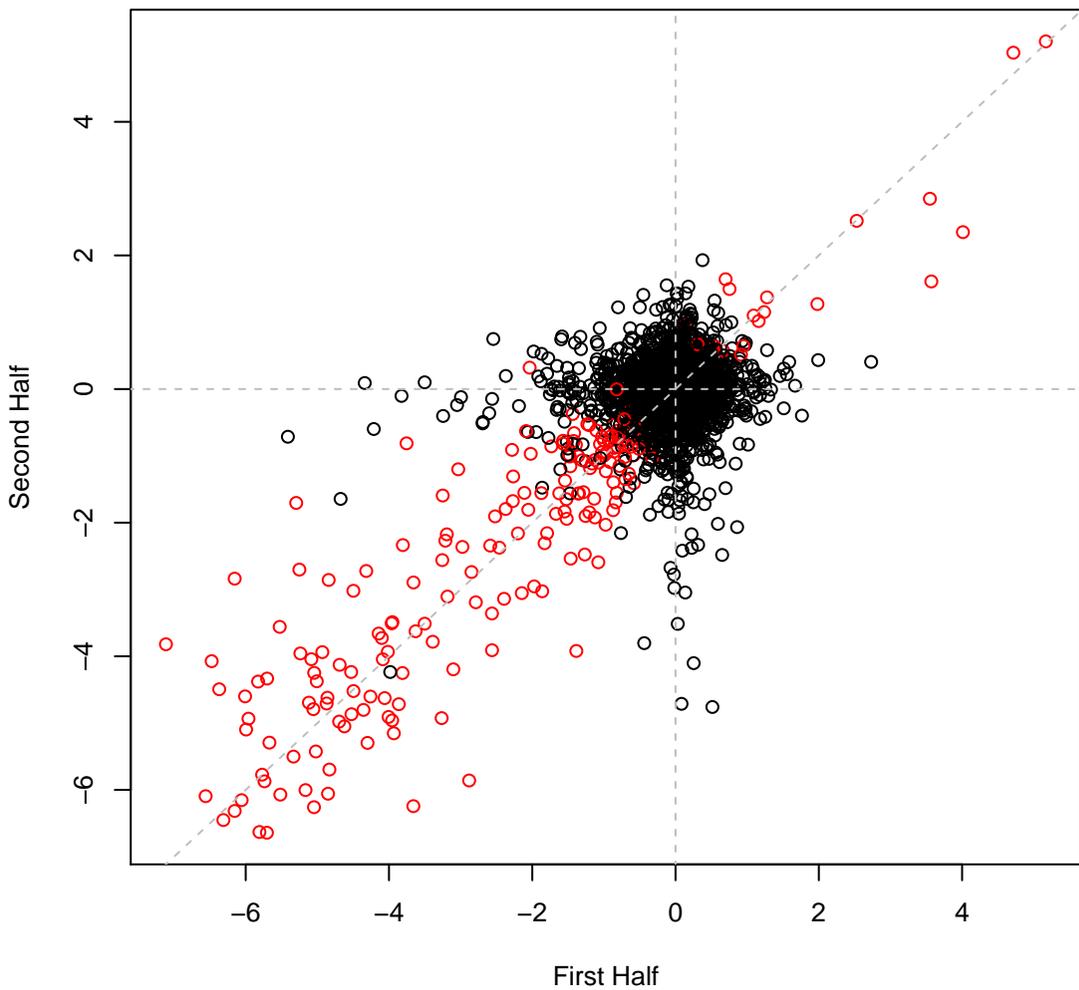
pseudo13\_GW456\_L13 set1IT011 #11 (gMed=259 rho12=0.167)  
D,L-Lactate (C)



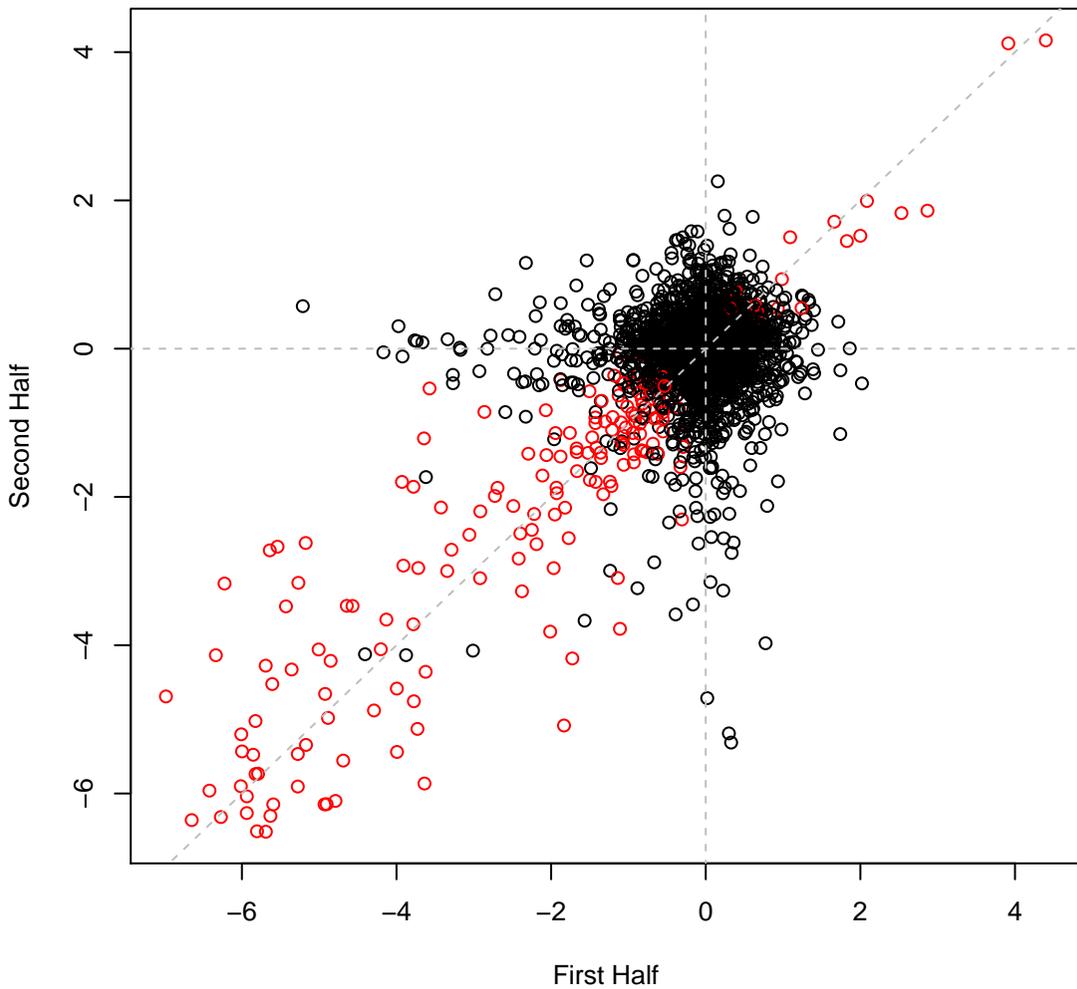
pseudo13\_GW456\_L13 set1IT012 #12 (gMed=298 rho12=0.160)  
succinate (C)



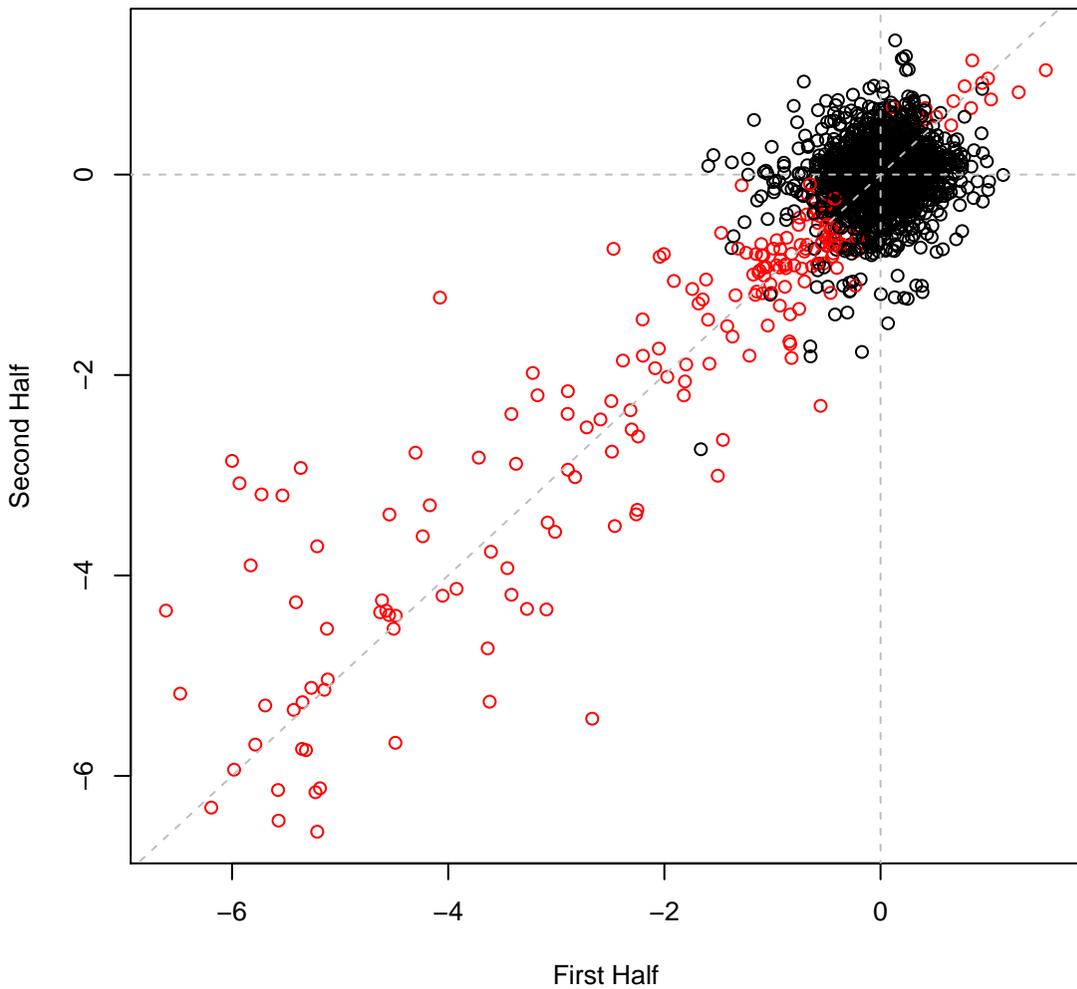
pseudo13\_GW456\_L13 set1IT013 #13 (gMed=299 rho12=0.238)  
D-Mannitol (C)



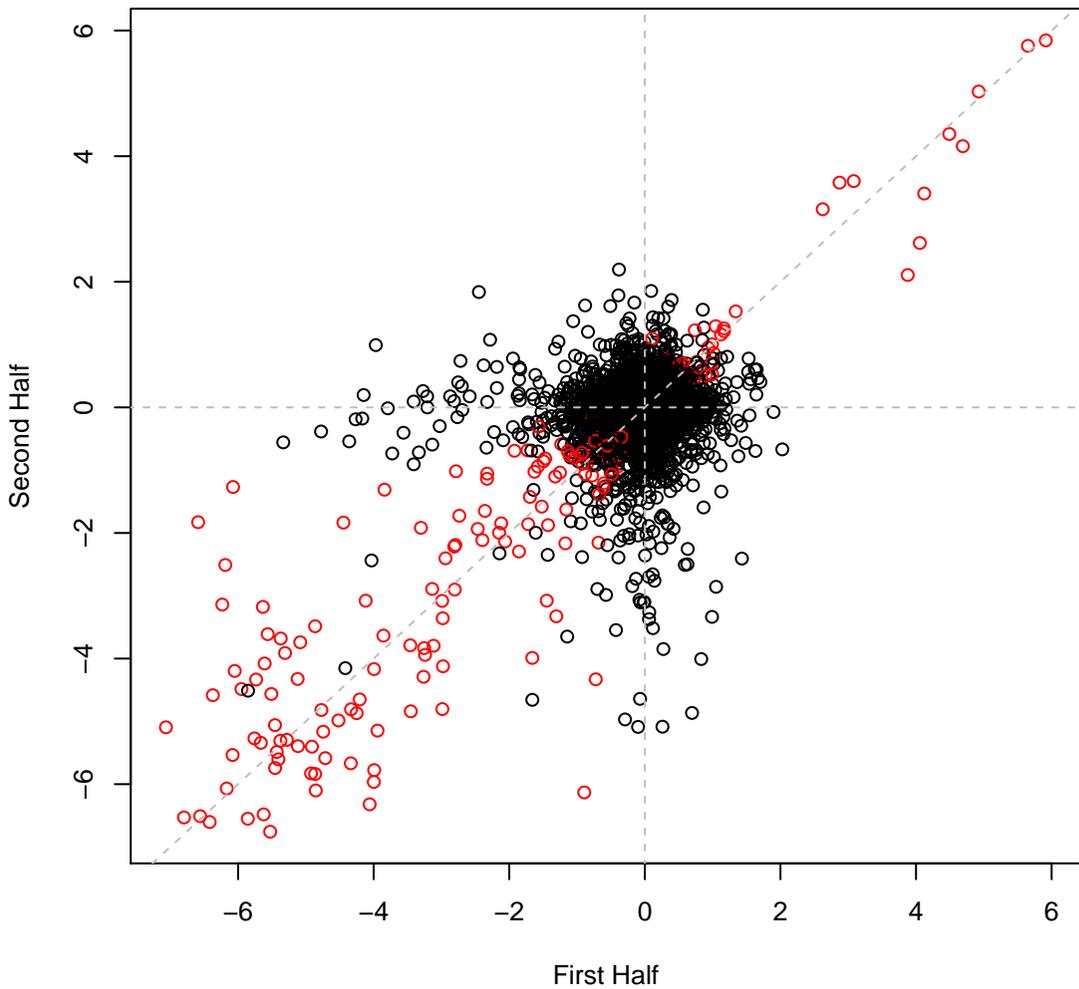
pseudo13\_GW456\_L13 set1IT014 #14 (gMed=286 rho12=0.215)  
Glycerol (C)



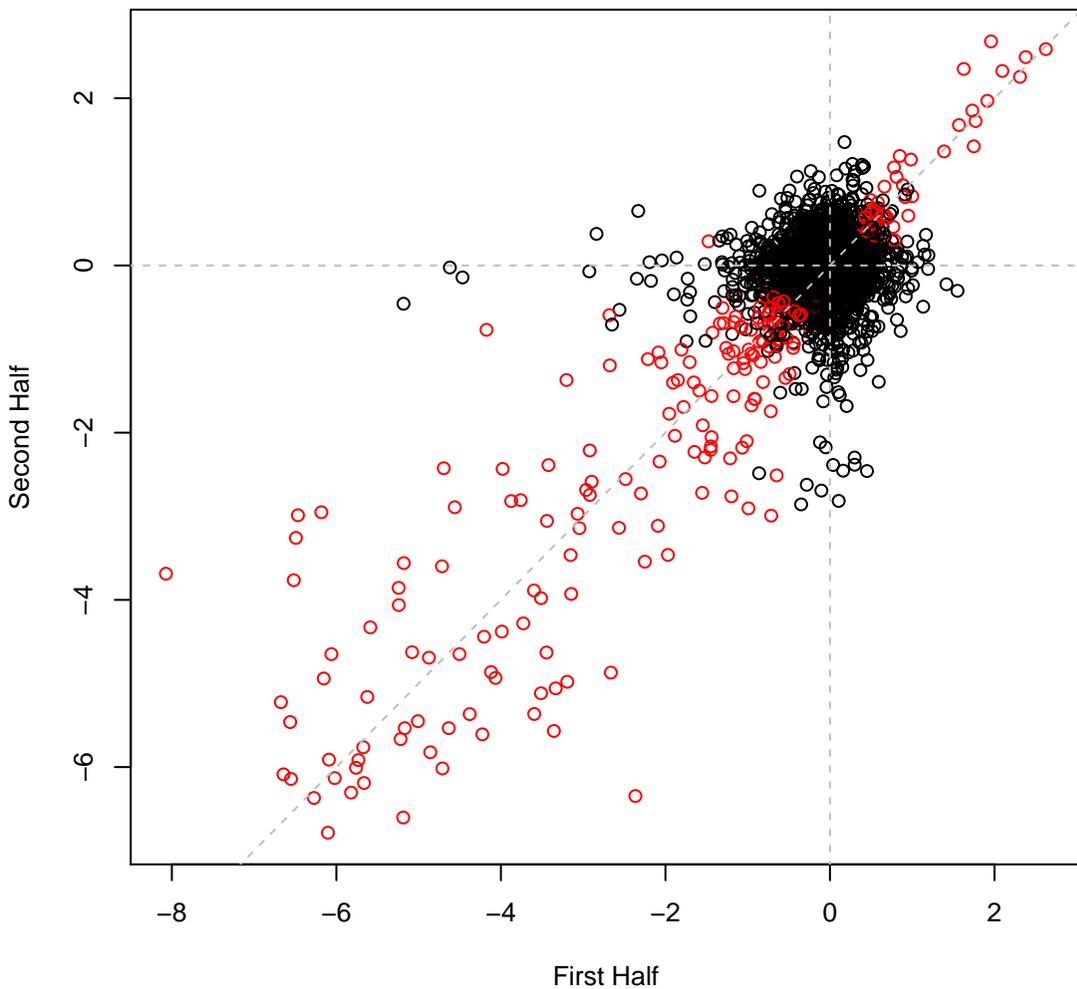
pseudo13\_GW456\_L13 set1IT015 #15 (gMed=304 rho12=0.267)  
Tween 20 (C)



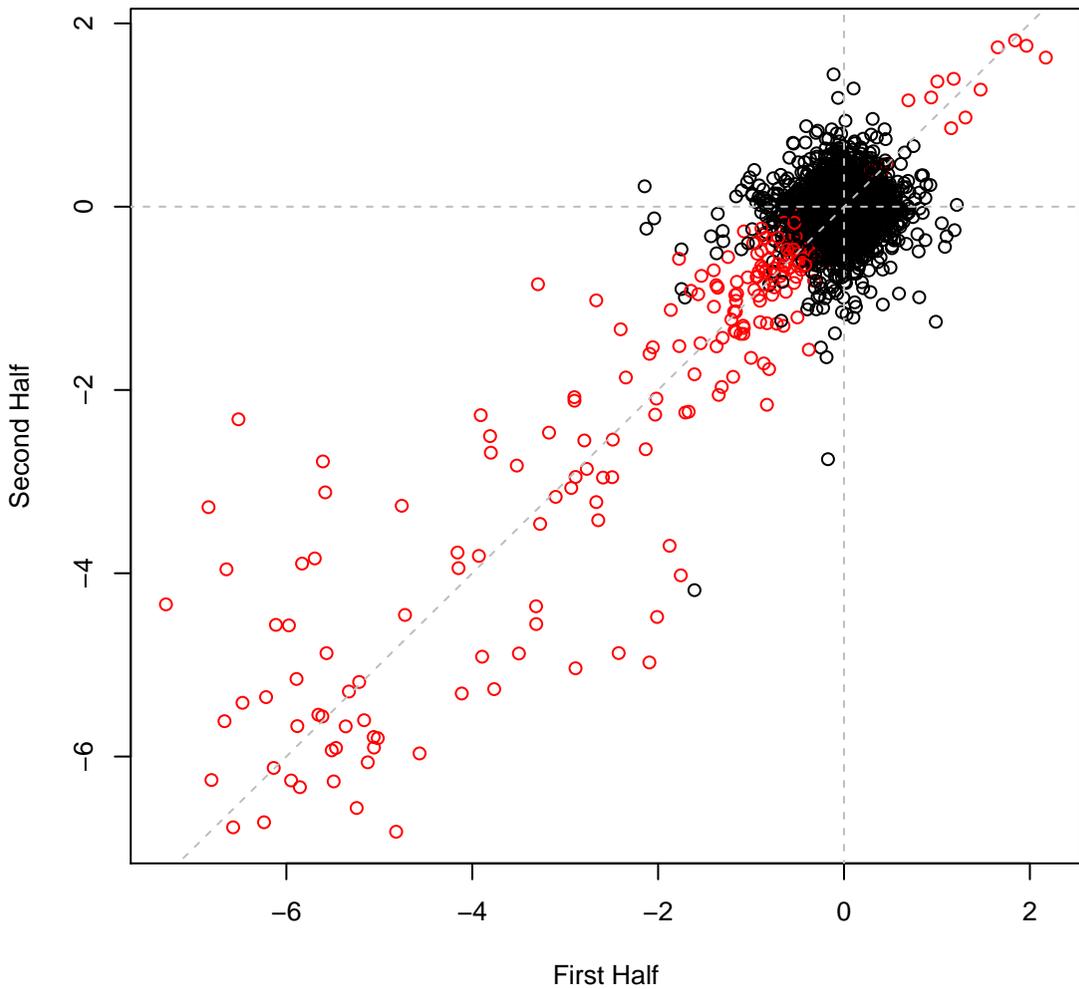
pseudo13\_GW456\_L13 set1IT016 #16 (gMed=323 rho12=0.206)  
L-Malic (C)



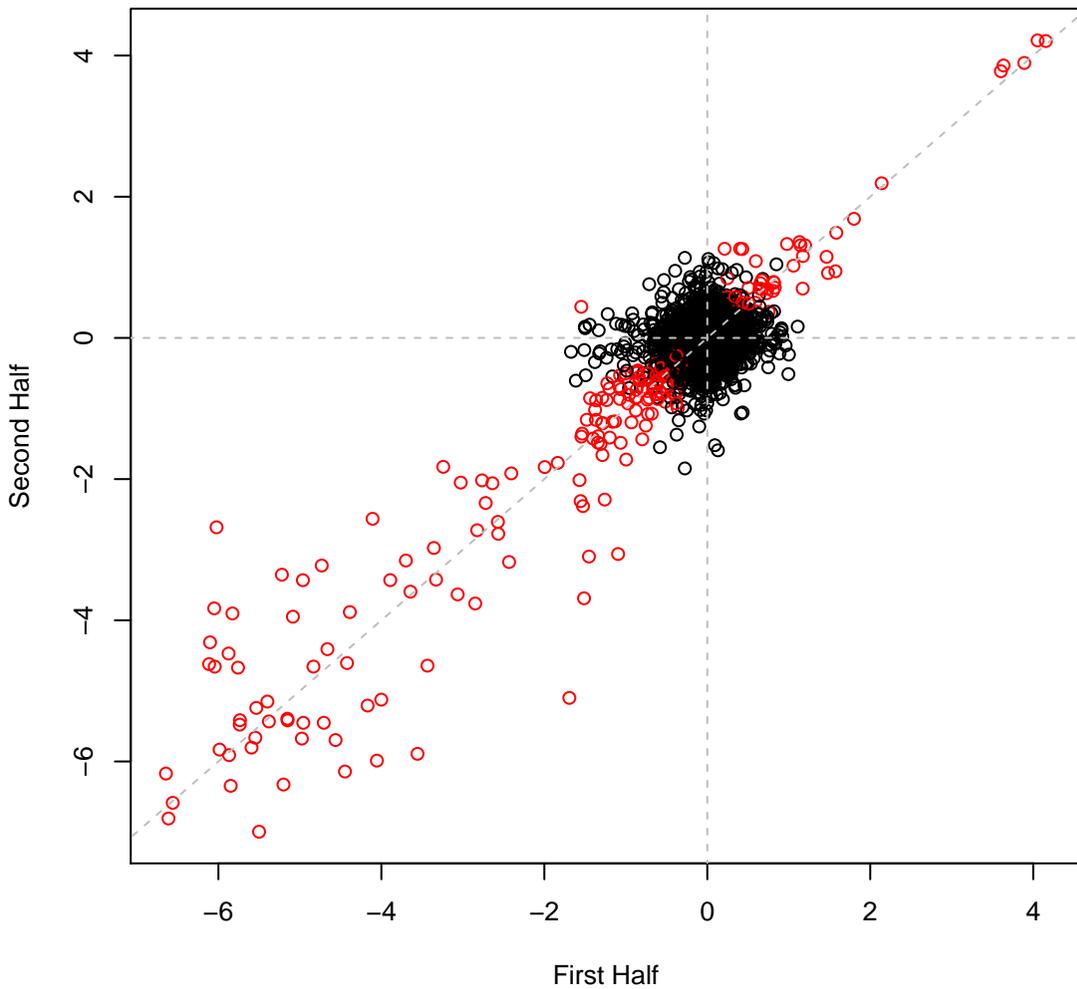
pseudo13\_GW456\_L13 set1IT017 #17 (gMed=302 rho12=0.252)  
L-Histidine (C)



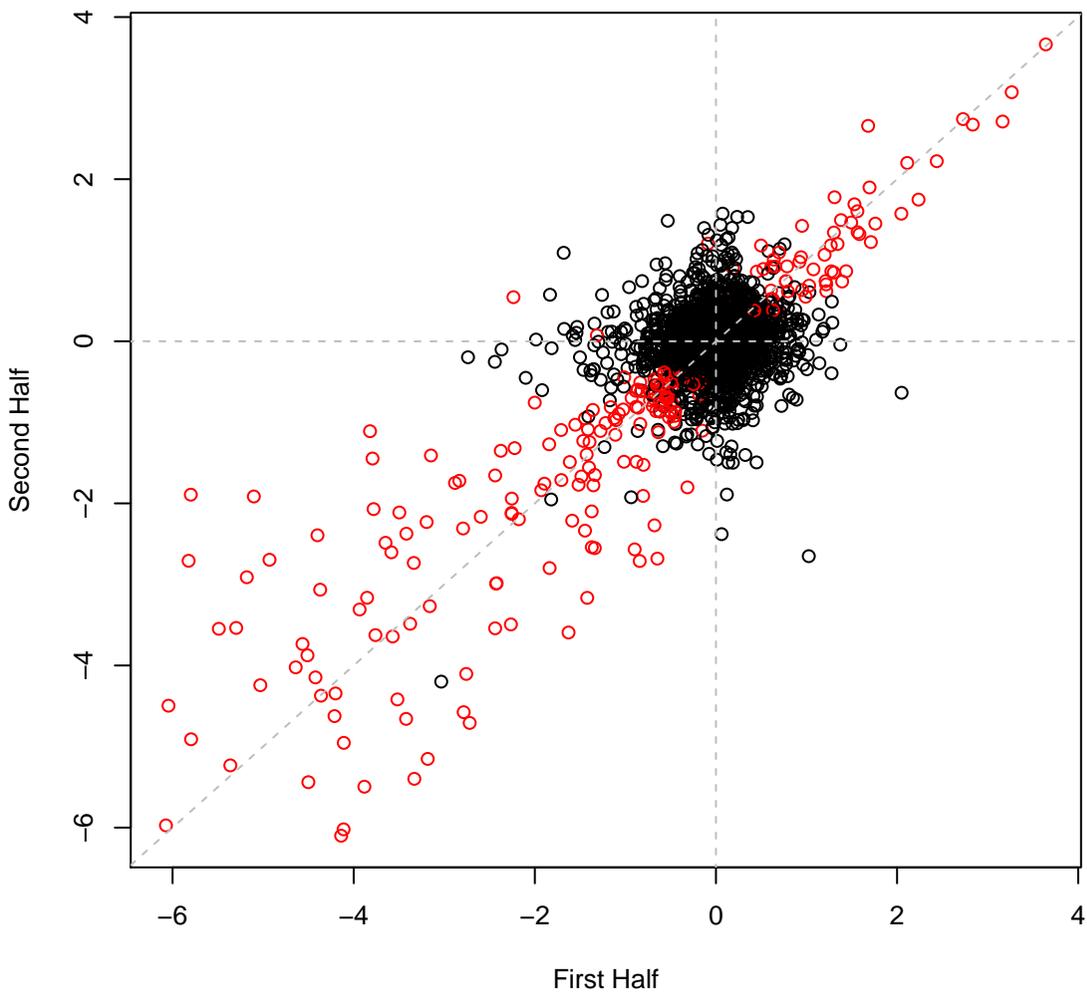
pseudo13\_GW456\_L13 set1IT018 #18 (gMed=318 rho12=0.246)  
L-Asparagine (C)



pseudo13\_GW456\_L13 set1IT019 #19 (gMed=307 rho12=0.270)  
L-Glutamine (C)

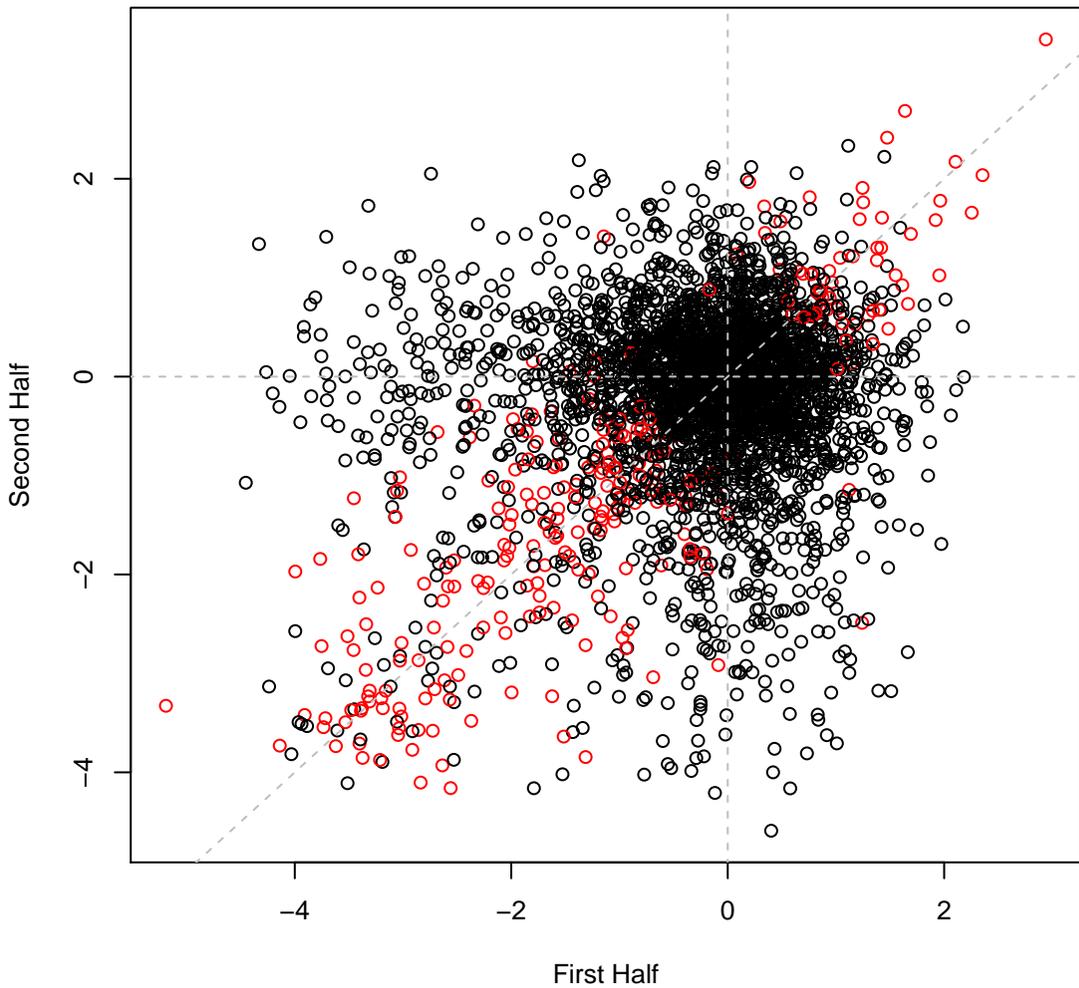


pseudo13\_GW456\_L13 set1IT021 #21 (gMed=282 rho12=0.267)  
L-Alanine (C)

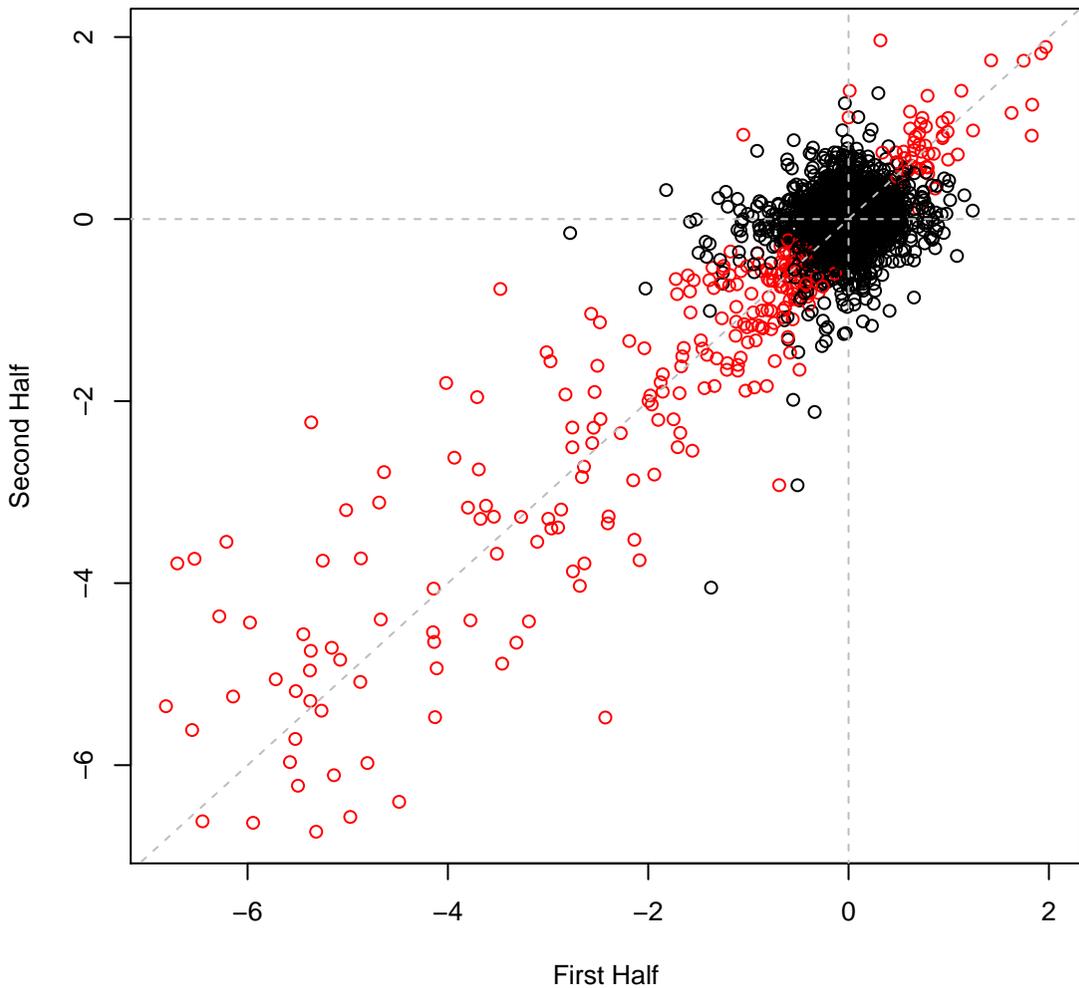




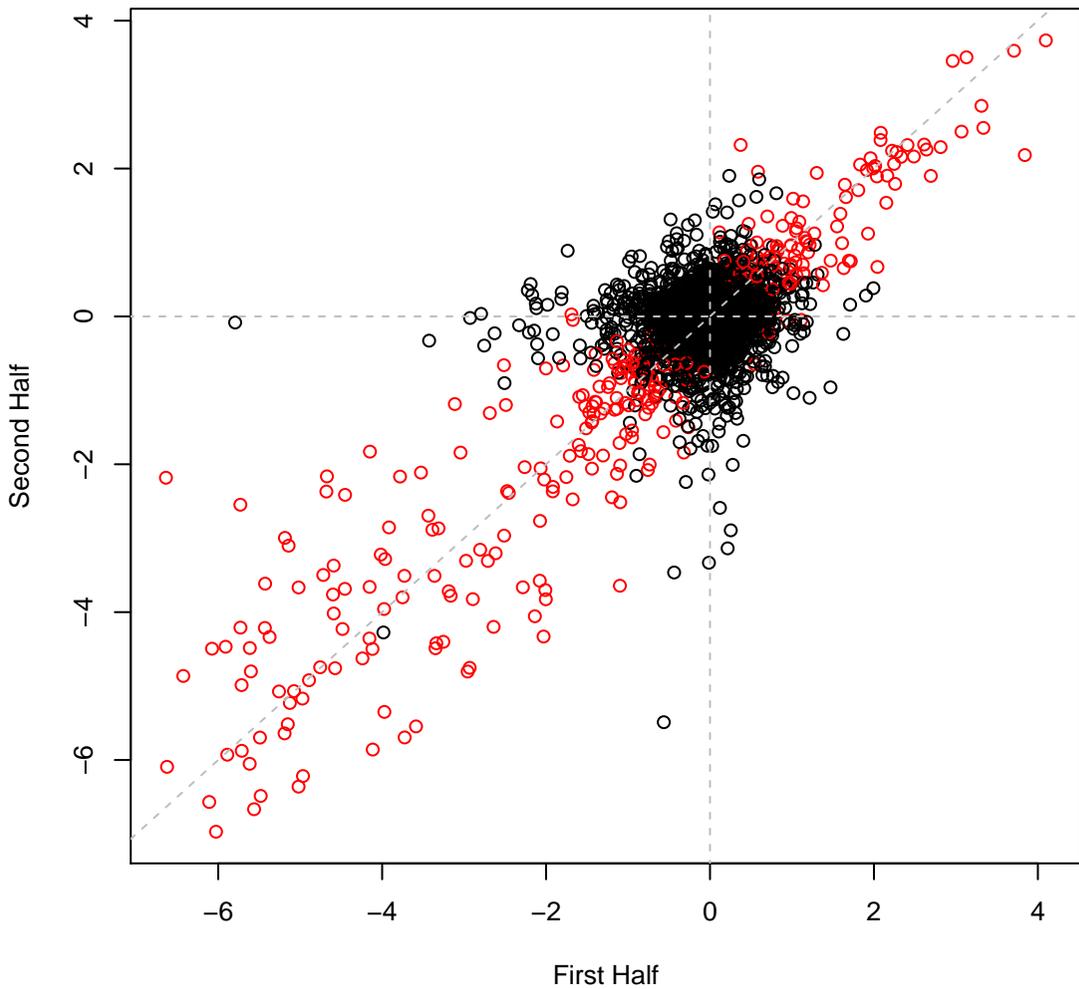
pseudo13\_GW456\_L13 set1IT024 #24 (gMed=33 rho12=0.146)  
L-Leucine (C)



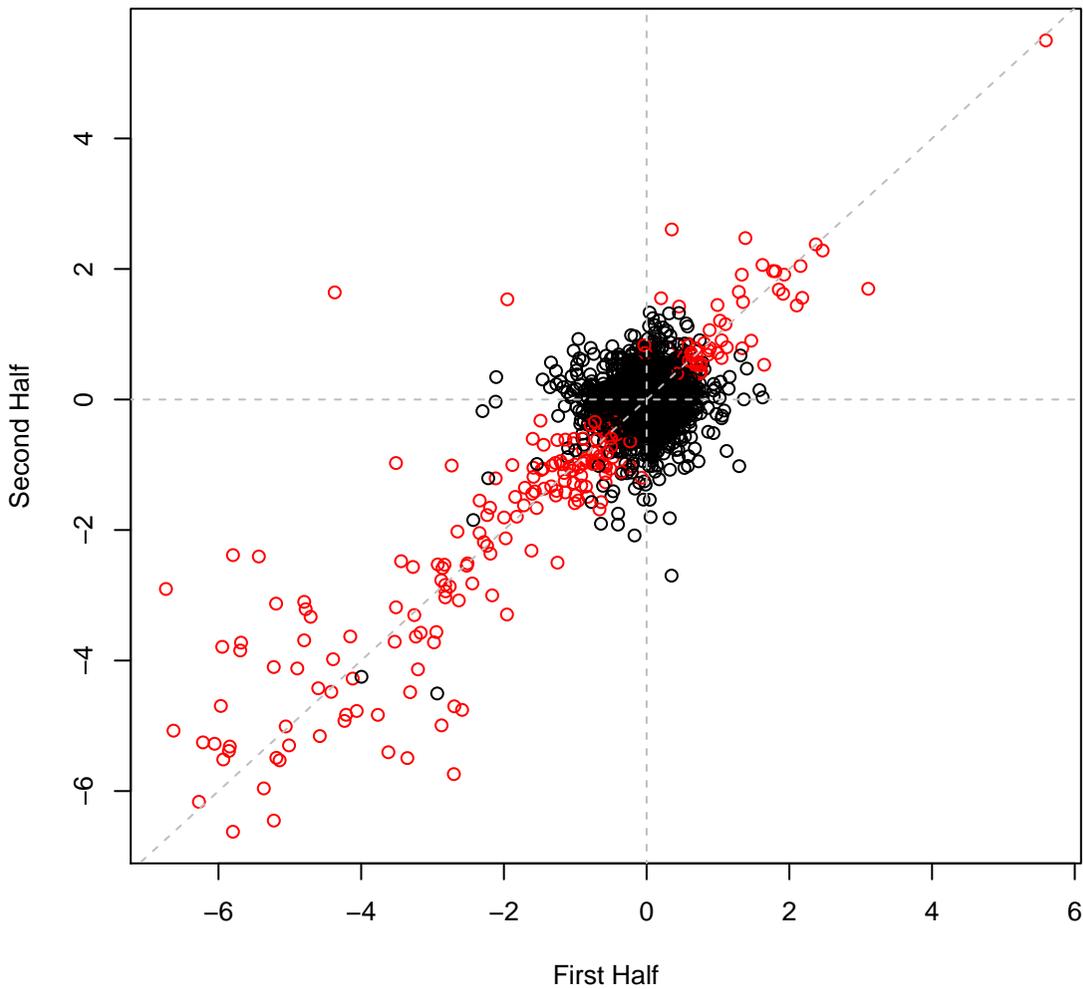
pseudo13\_GW456\_L13 set1IT025 #25 (gMed=299 rho12=0.330)  
L-Phenylalanine (C)



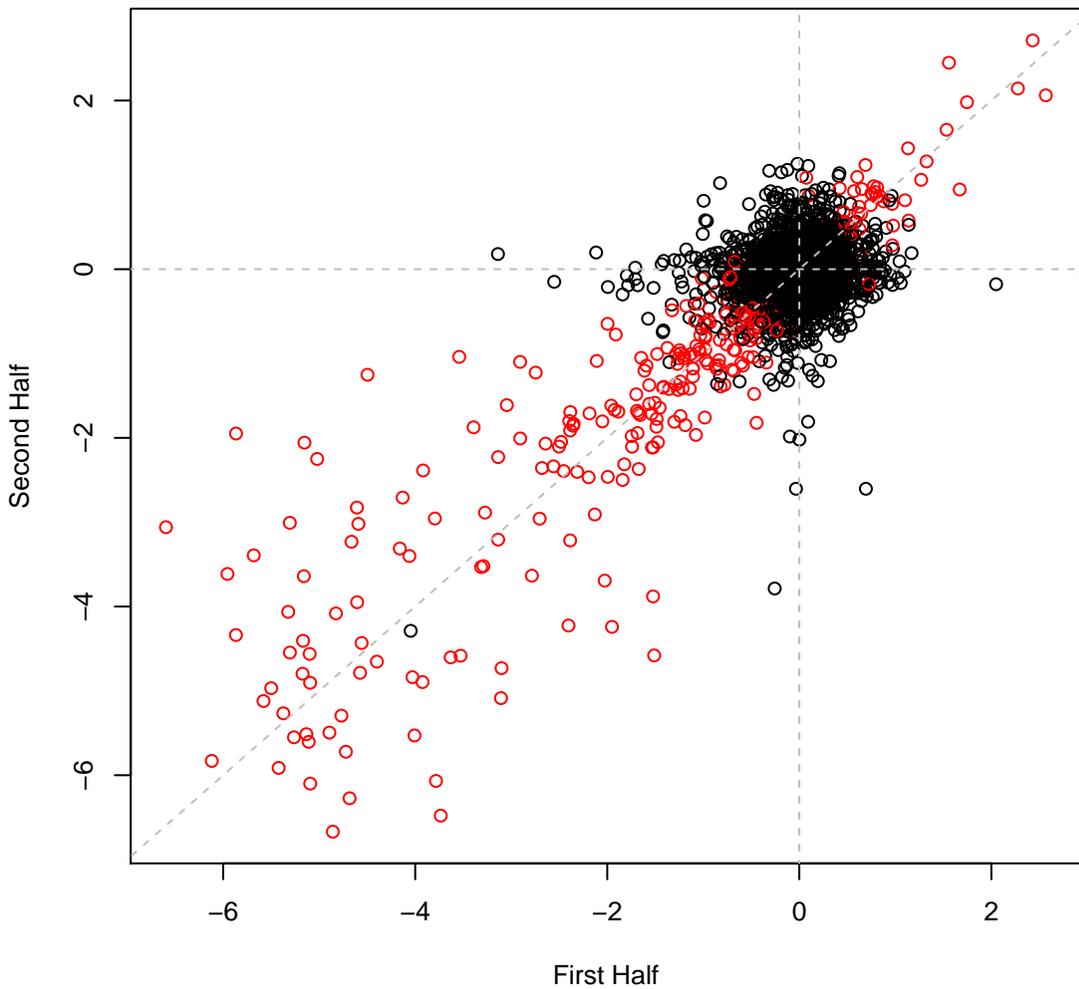
pseudo13\_GW456\_L13 set1IT026 #26 (gMed=305 rho12=0.322)  
L-Tryptophan (C)



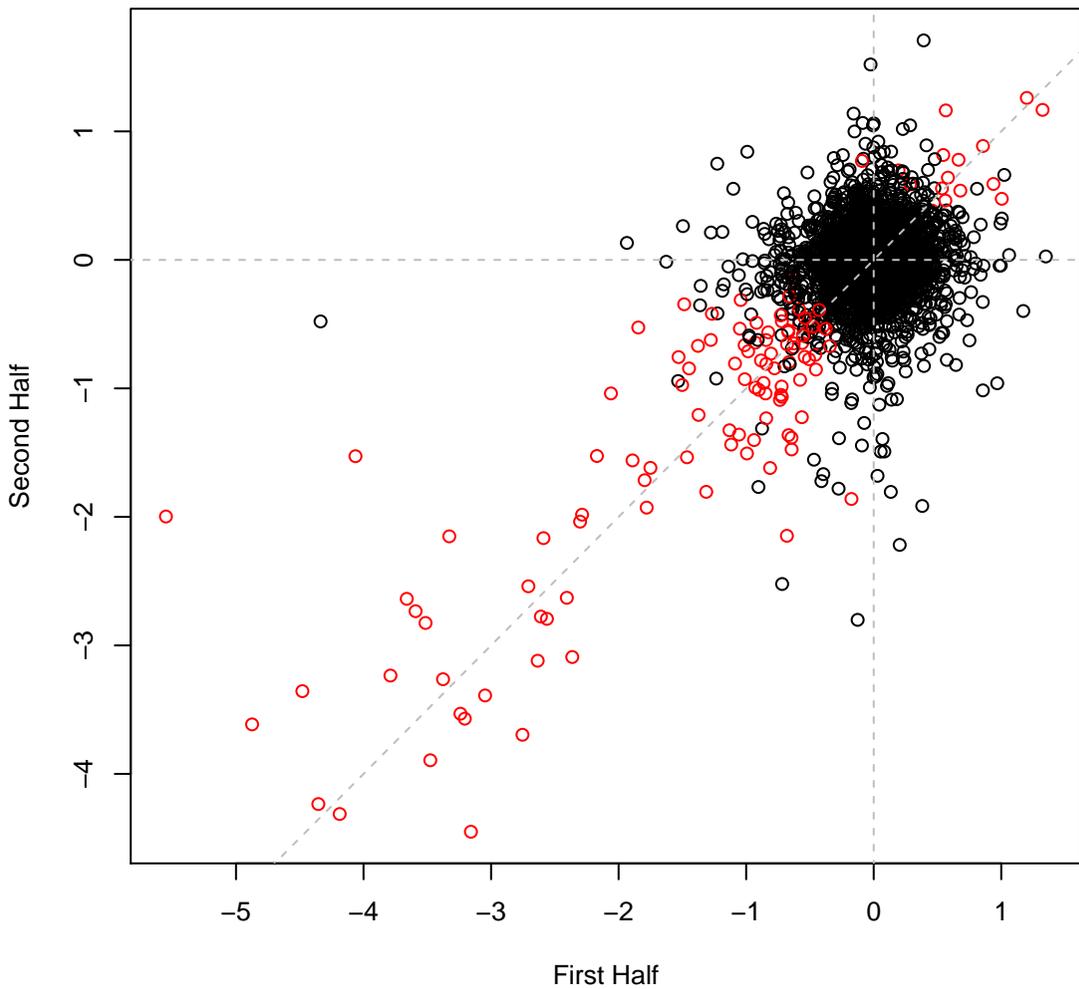
pseudo13\_GW456\_L13 set1IT027 #27 (gMed=301 rho12=0.280)  
D-Serine (C)



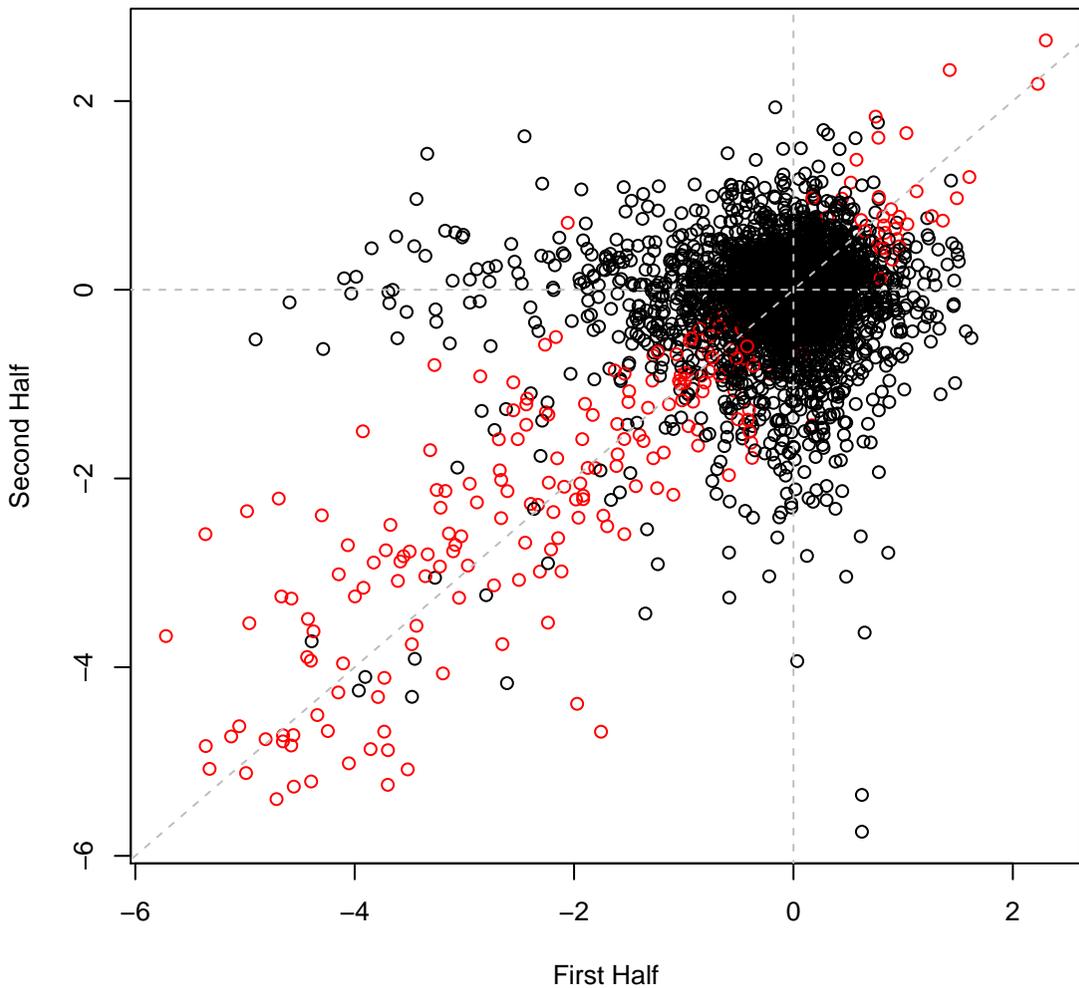
pseudo13\_GW456\_L13 set1IT028 #28 (gMed=290 rho12=0.299)  
D-Alanine (C)



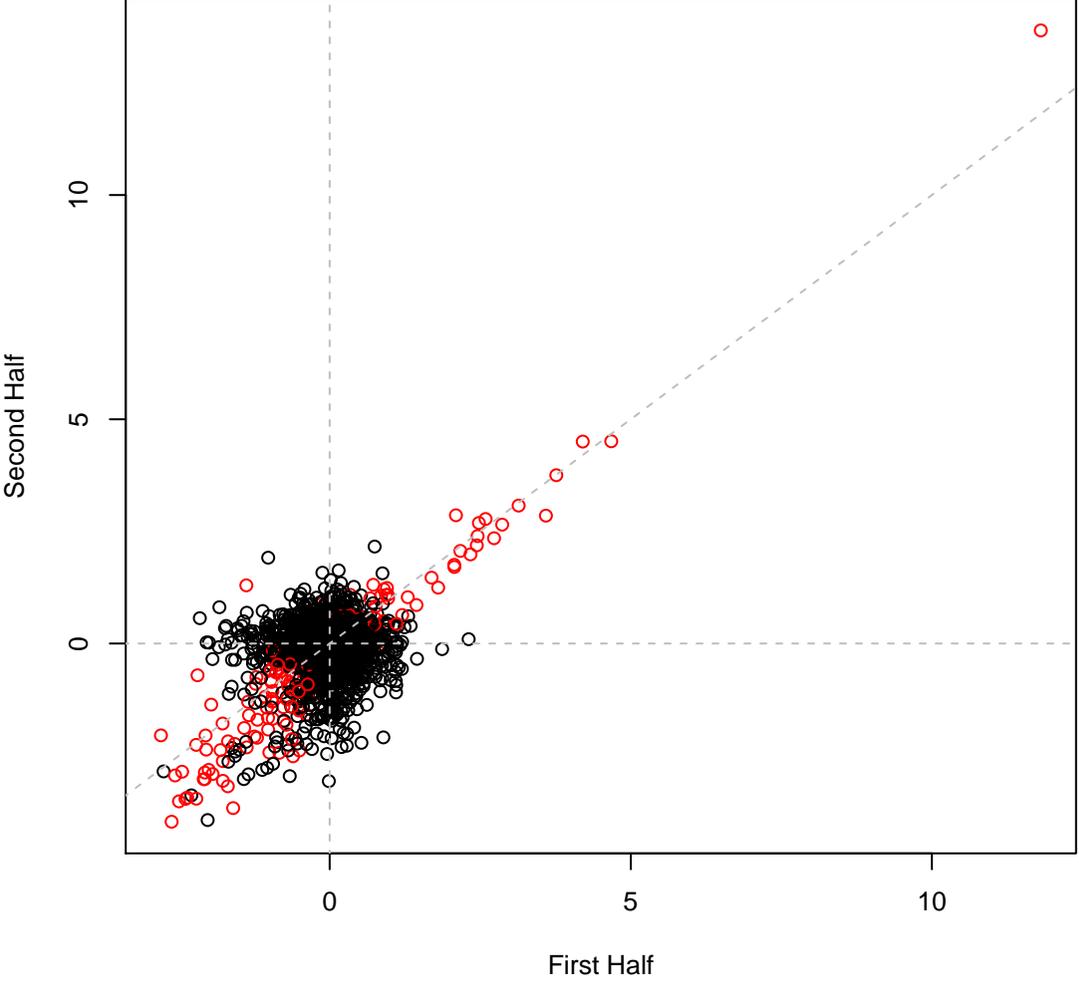
pseudo13\_GW456\_L13 set1IT029 #29 (gMed=284 rho12=0.171)  
casaminos (C)



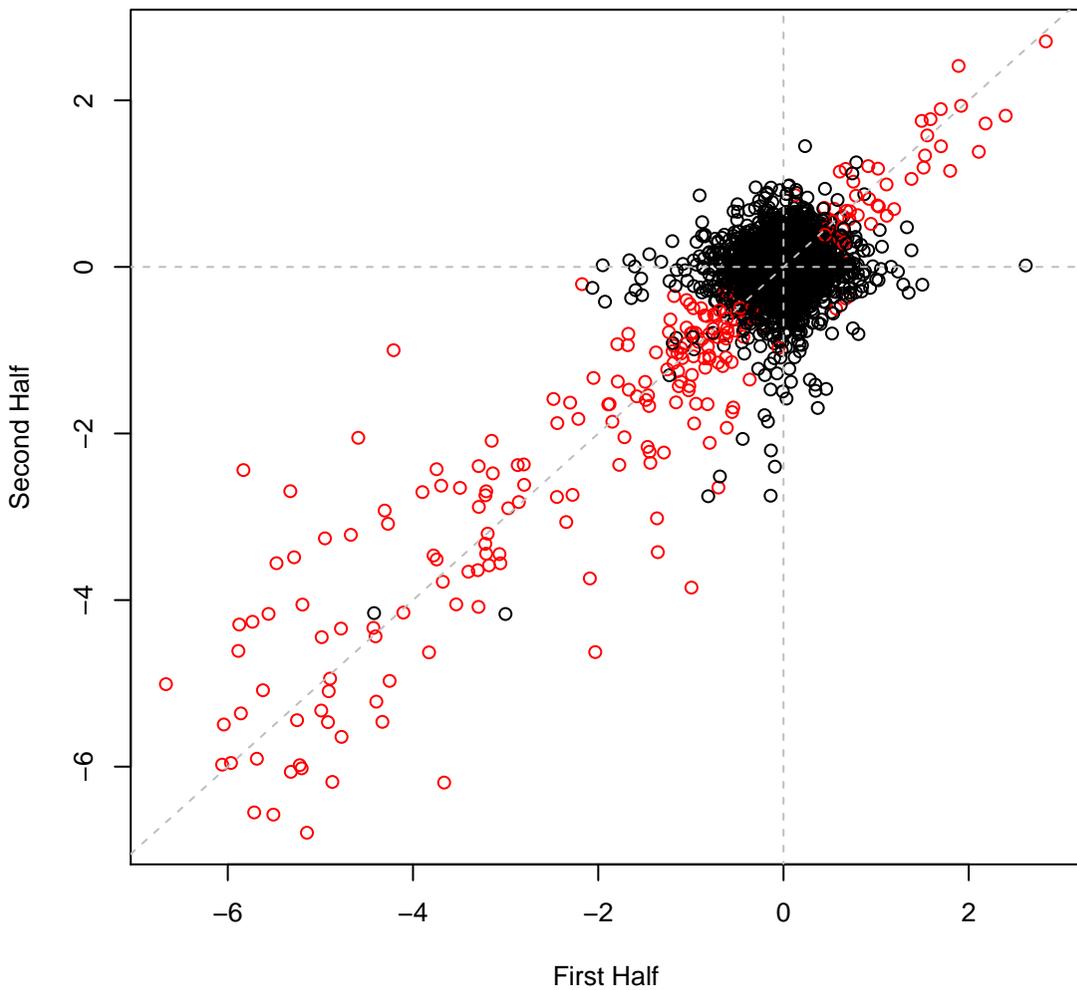
pseudo13\_GW456\_L13 set1IT030 #30 (gMed=73 rho12=0.211)  
Putrescine (C)



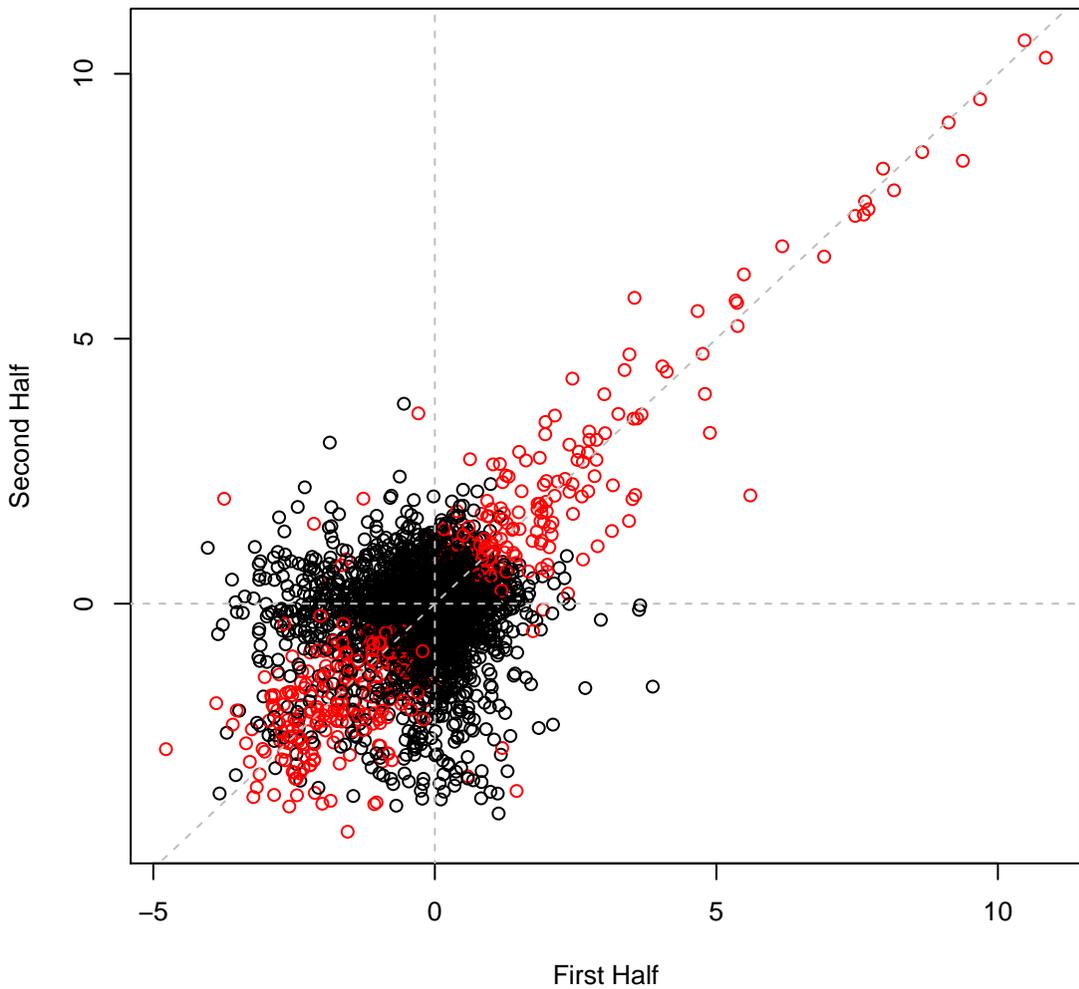
pseudo13\_GW456\_L13 set1IT032 #32 (gMed=63 rho12=0.130)  
D-Glucosamine Hydrochloride (C)



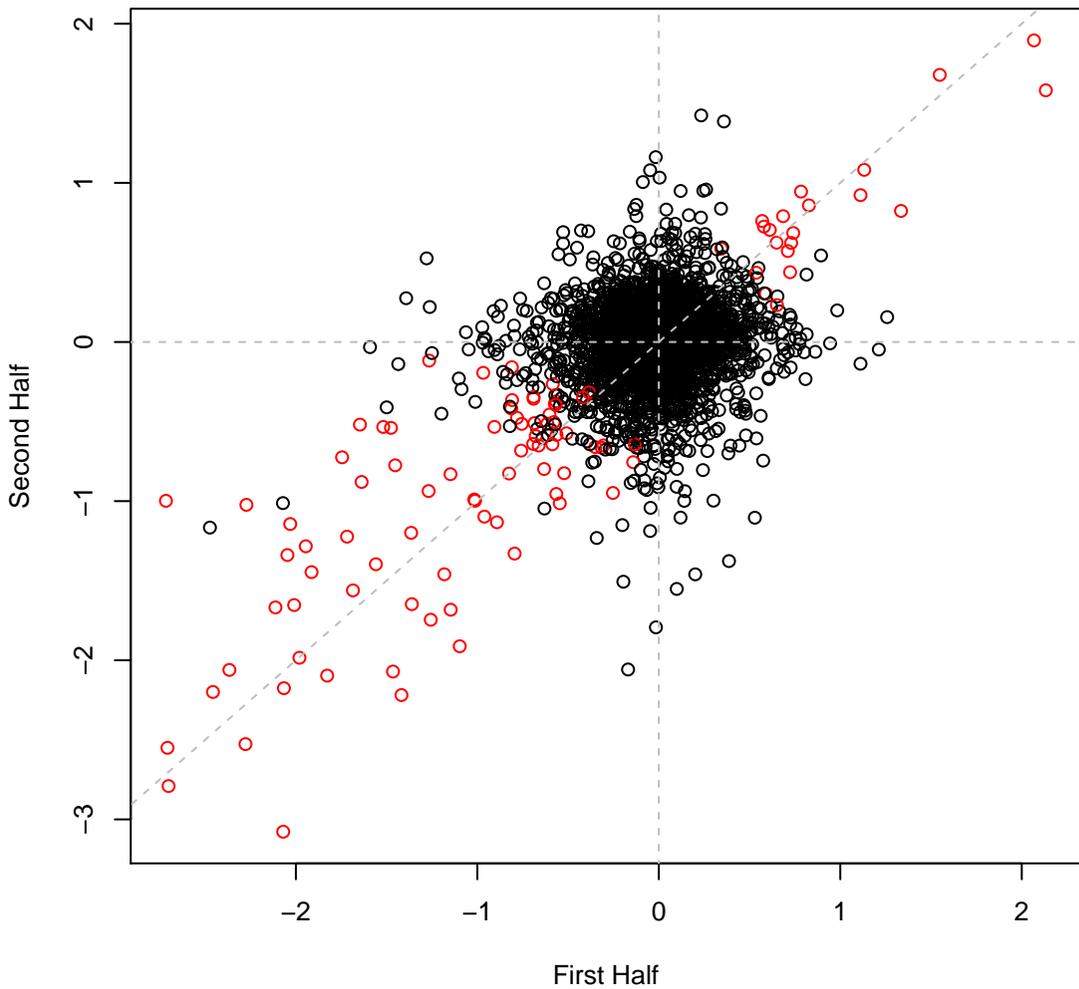
pseudo13\_GW456\_L13 set1IT033 #33 (gMed=252 rho12=0.262)  
D-Mannose (C)



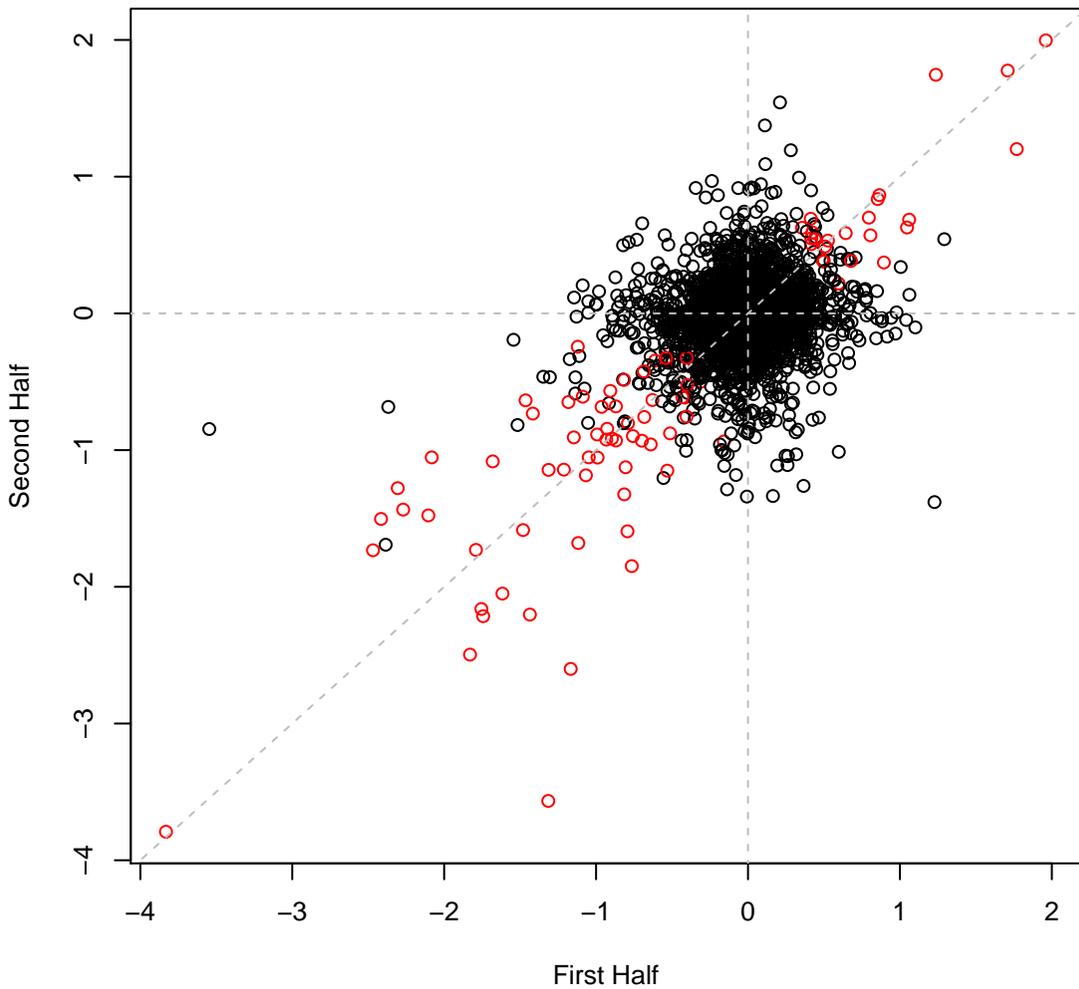
pseudo13\_GW456\_L13 set1IT034 #34 (gMed=62 rho12=0.325)  
octanoate (C)



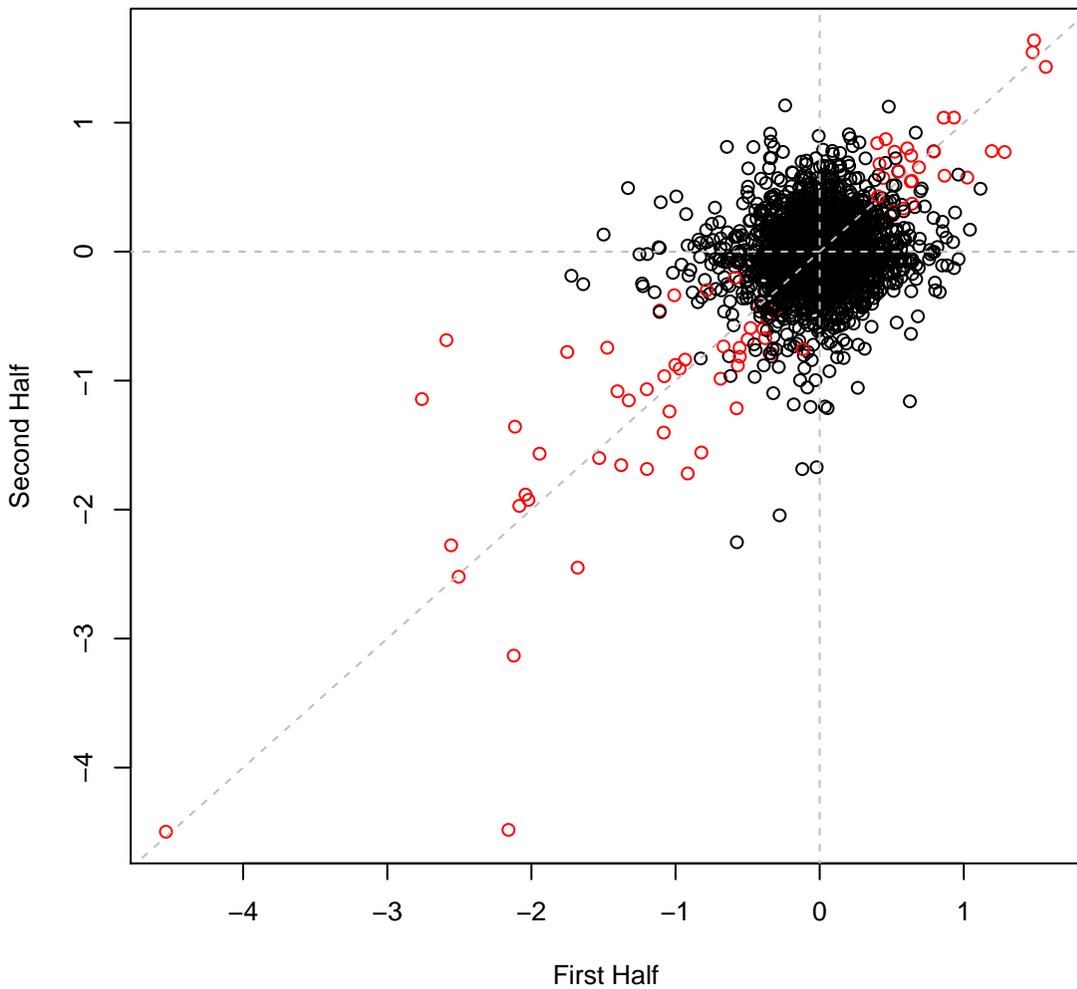
pseudo13\_GW456\_L13 set1IT035 #35 (gMed=292 rho12=0.165)  
Nickel (II) chloride 1 mM



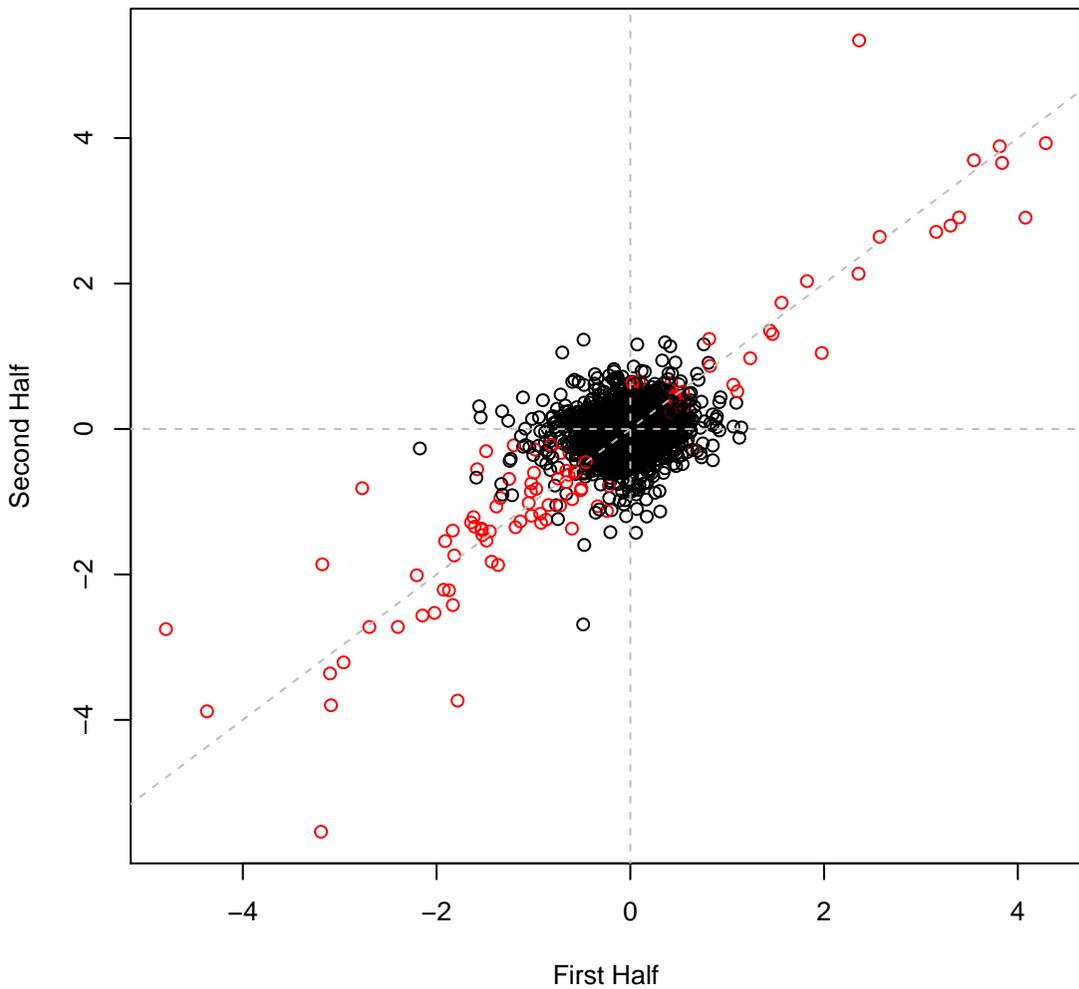
pseudo13\_GW456\_L13 set1IT036 #36 (gMed=282 rho12=0.198)  
Cobalt chloride 0.16 mM



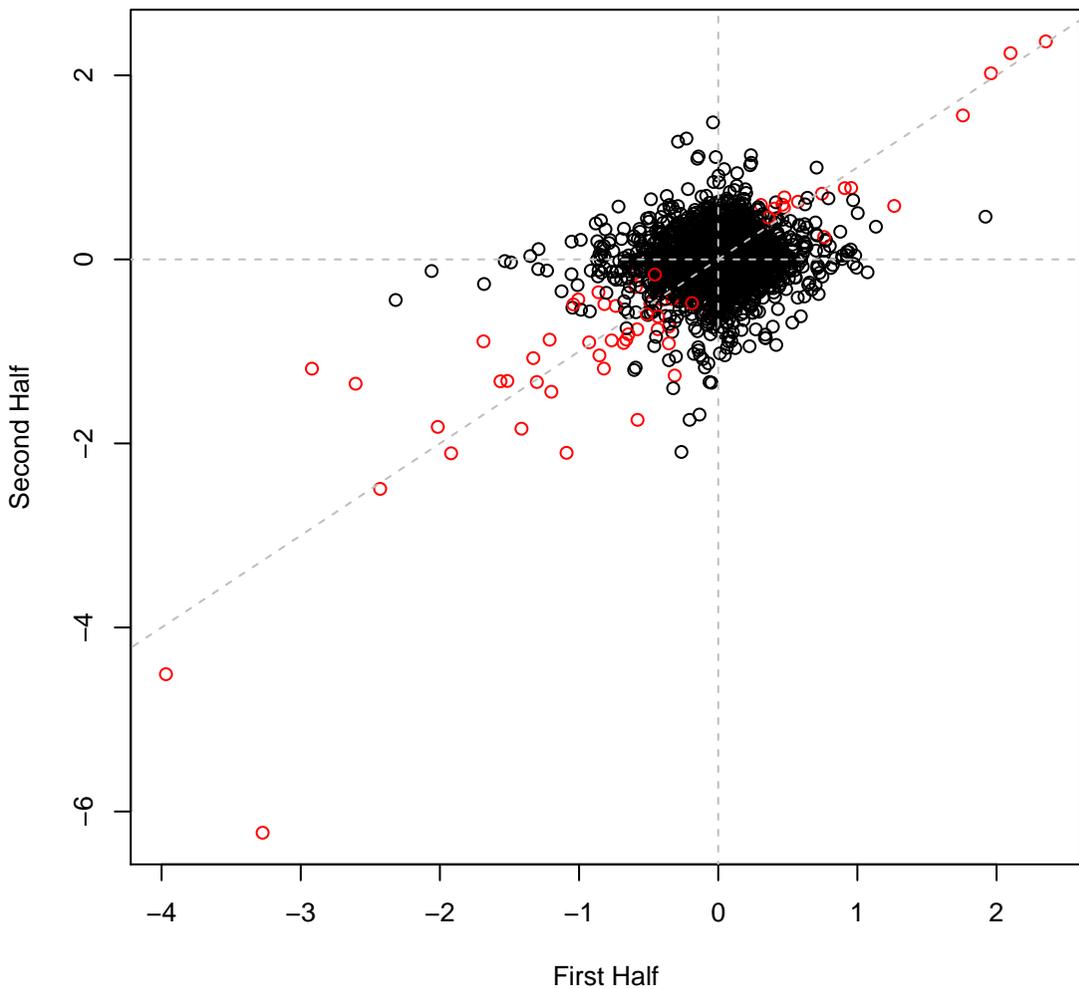
**pseudo13\_GW456\_L13 set1IT037 #37 (gMed=288 rho12=0.142)**  
**sodium fluoride 12.5 mM**



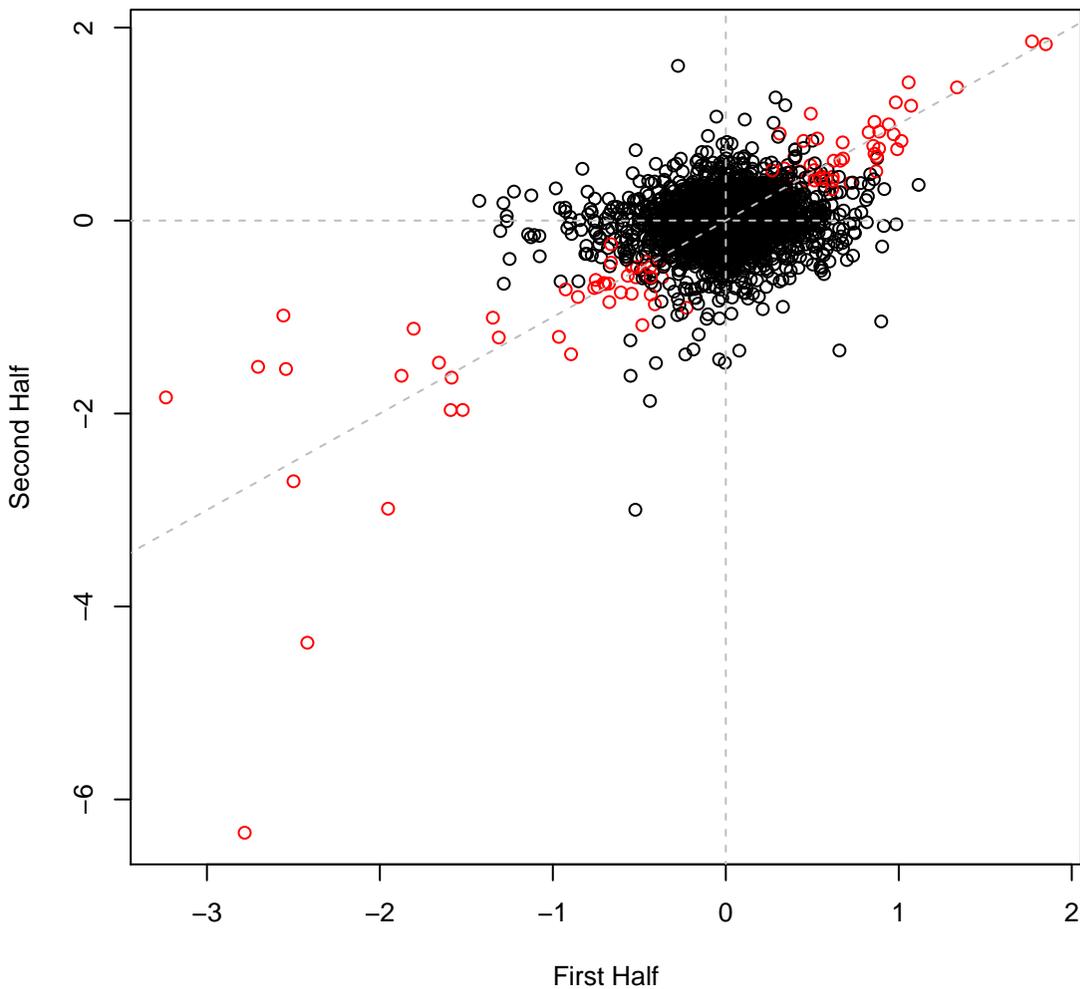
pseudo13\_GW456\_L13 set1IT038 #38 (gMed=293 rho12=0.194)  
Paraquat dichloride 0.032 mg/ml



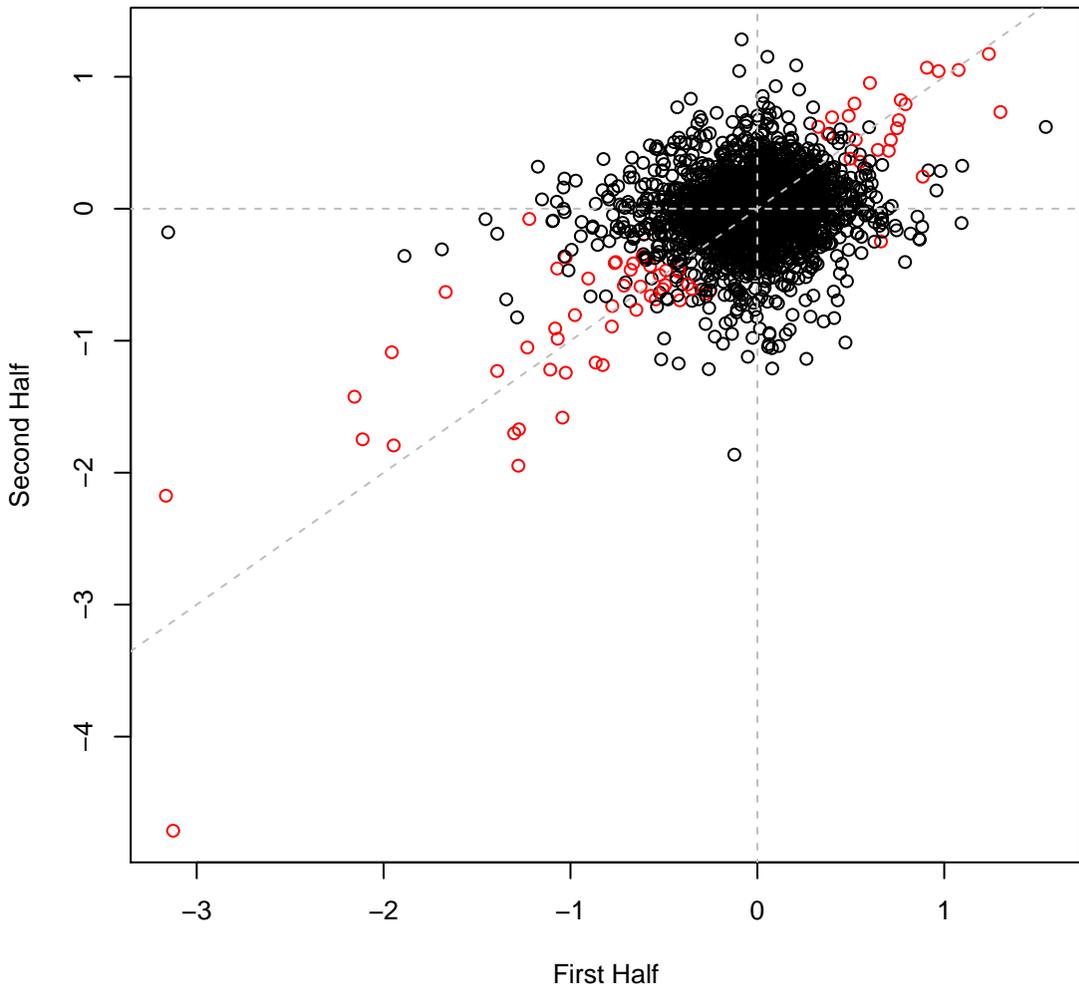
pseudo13\_GW456\_L13 set1IT039 #39 (gMed=294 rho12=0.126)  
Thallium(I) acetate 0.002 mg/ml



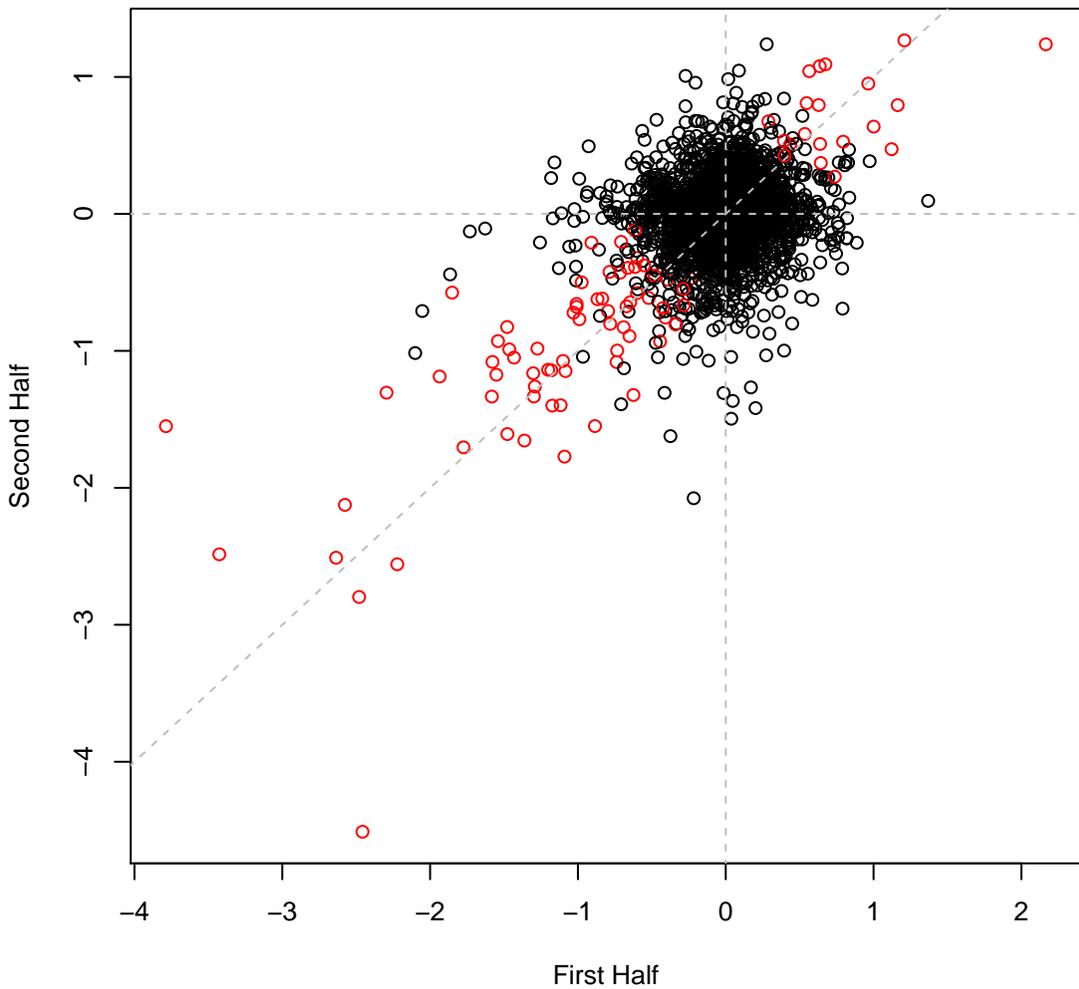
pseudo13\_GW456\_L13 set1IT040 #40 (gMed=321 rho12=0.187)  
Thallium(I) acetate 0.004 mg/ml



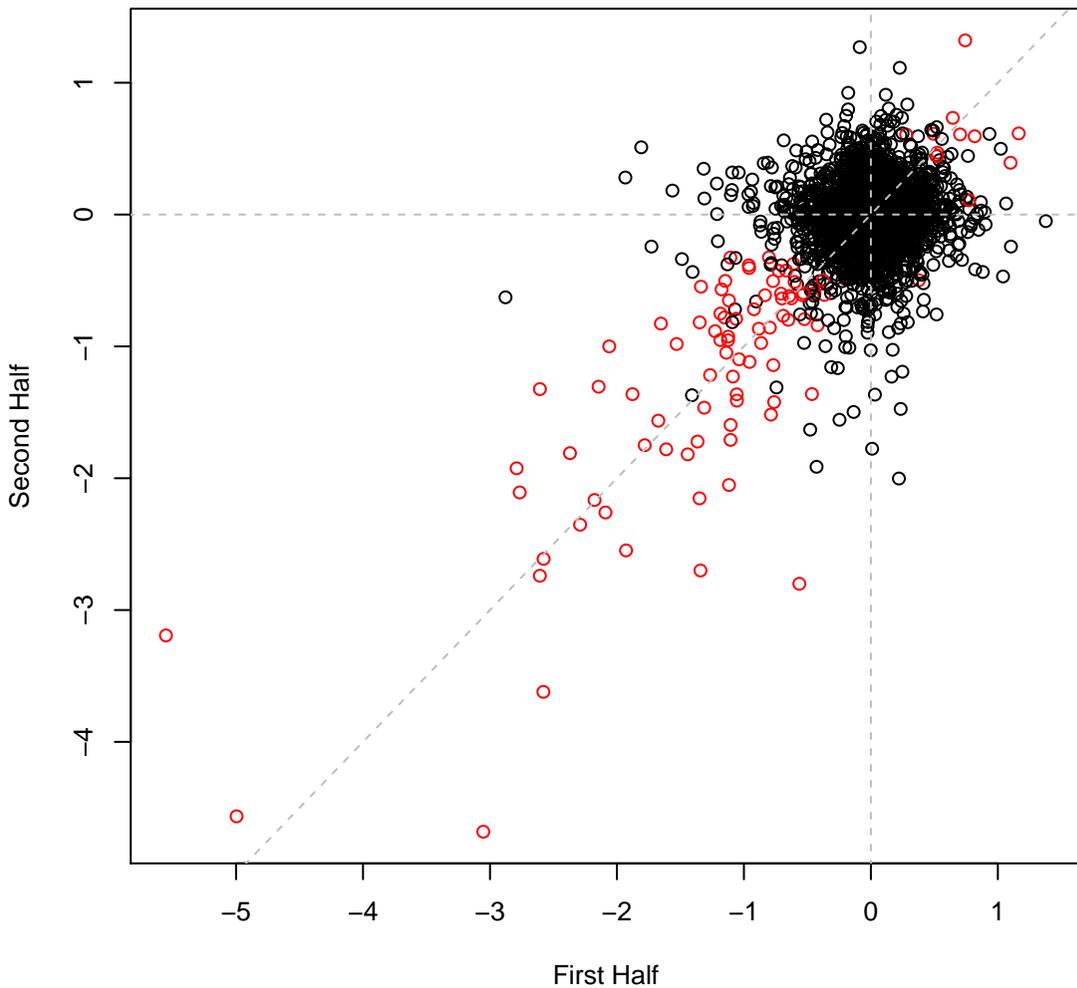
pseudo13\_GW456\_L13 set1IT041 #41 (gMed=310 rho12=0.153)  
Thallium(I) acetate 0.008 mg/ml



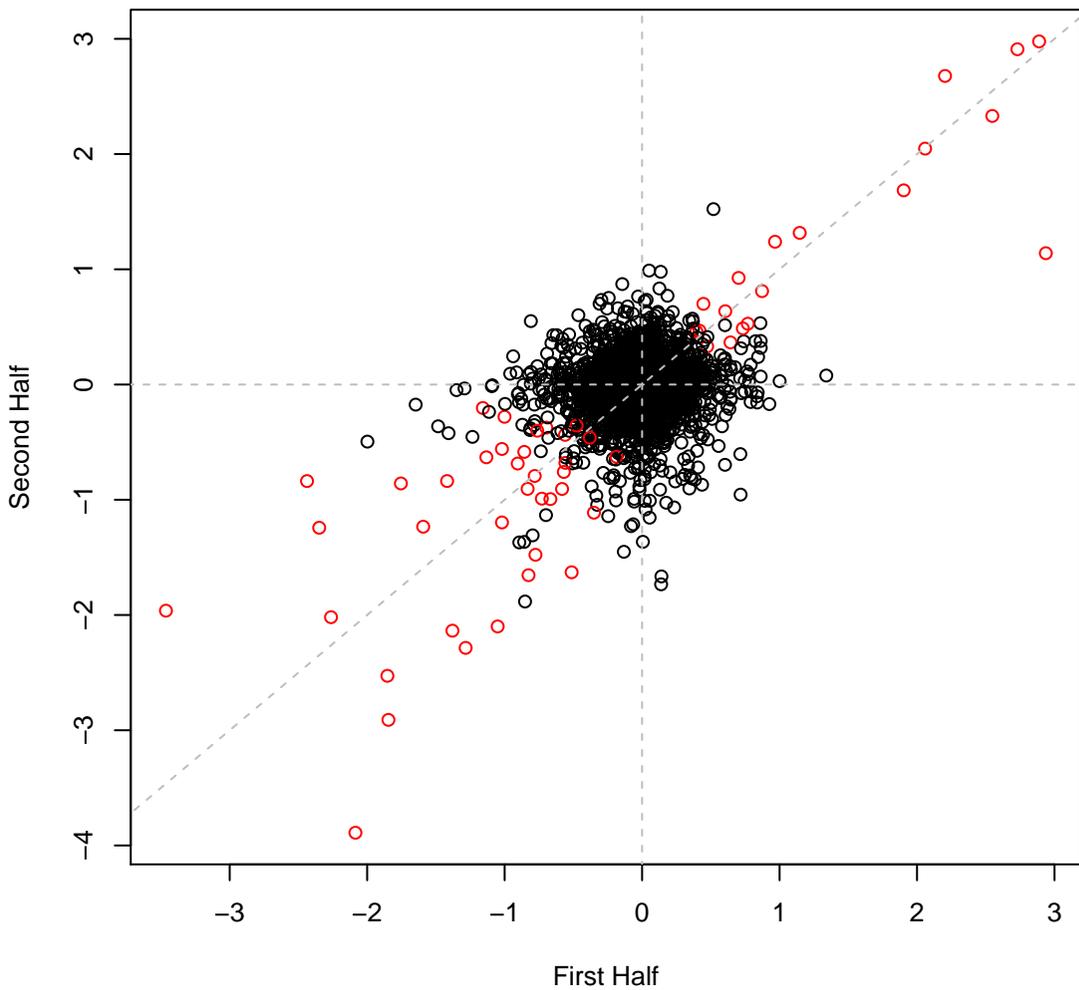
pseudo13\_GW456\_L13 set1IT042 #42 (gMed=289 rho12=0.172)  
Cisplatin 0.0125 mg/ml



pseudo13\_GW456\_L13 set1IT043 #43 (gMed=294 rho12=0.148)  
Zinc 1 mM

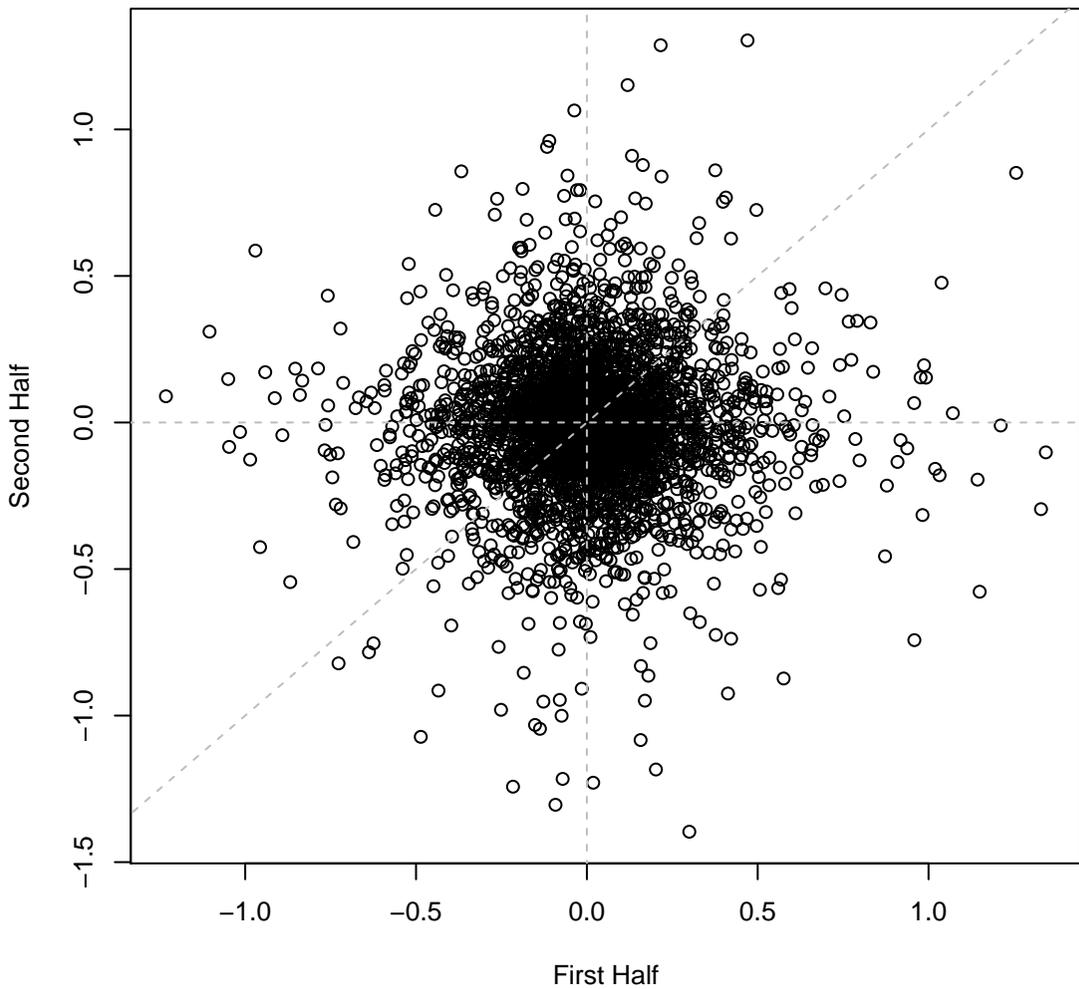


pseudo13\_GW456\_L13 set1IT044 #44 (gMed=311 rho12=0.096)  
LB



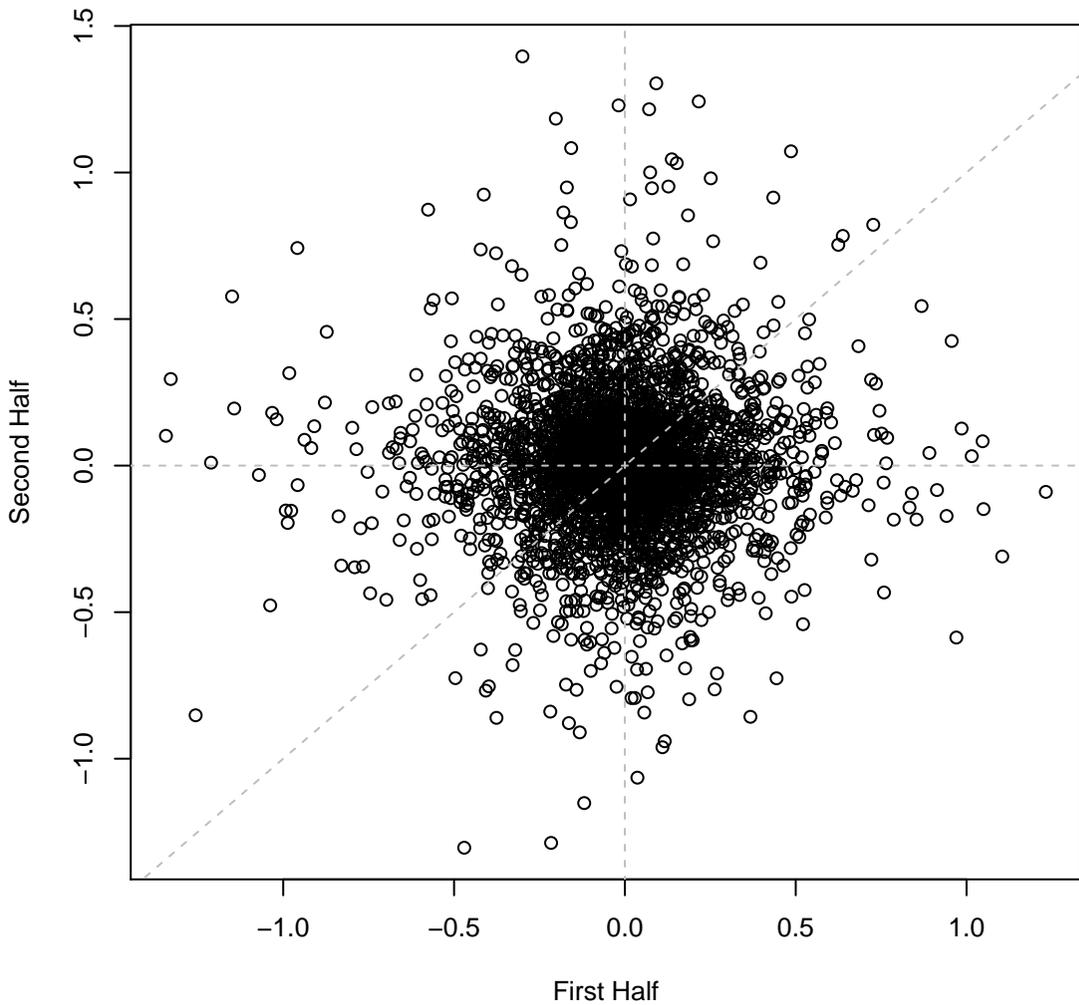
pseudo13\_GW456\_L13 set1IT045 #45 (gMed=304 rho12=-0.009)

Time0



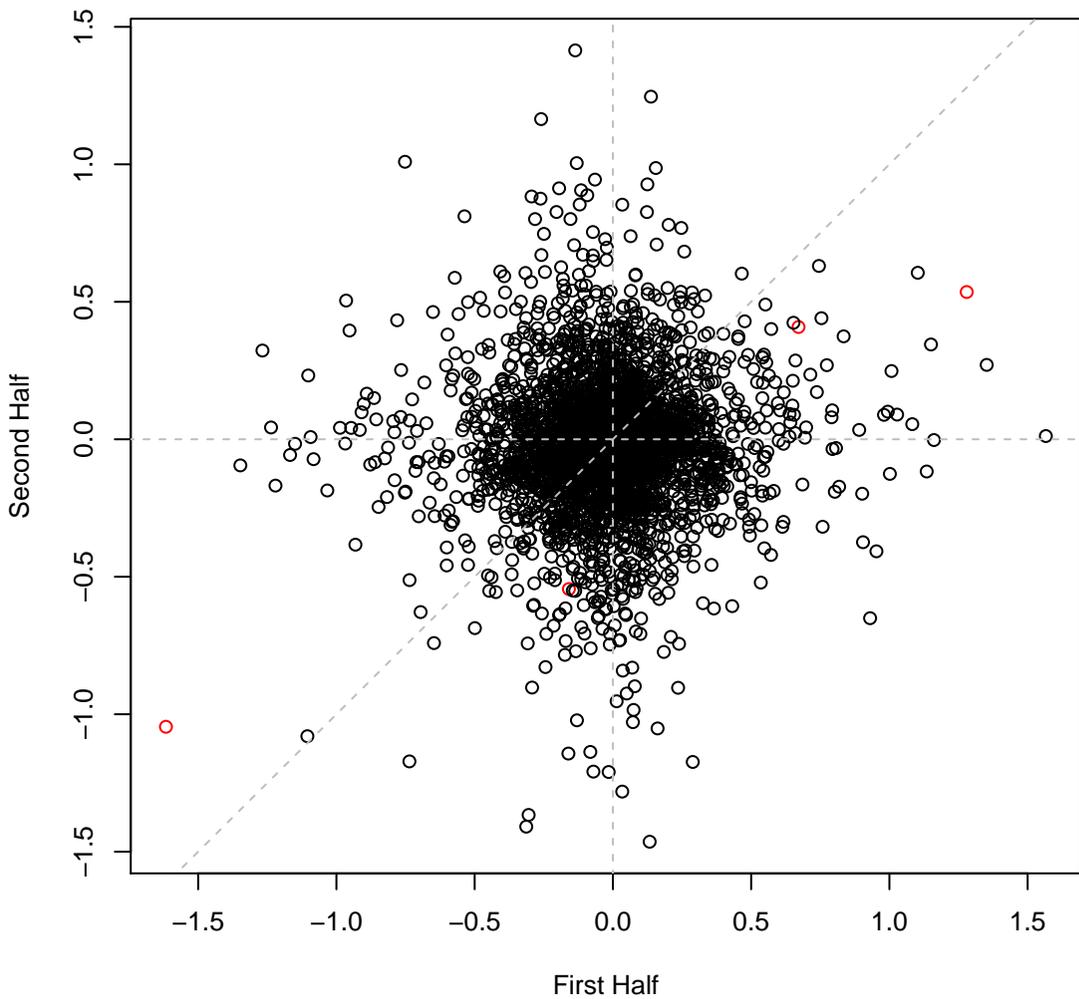
pseudo13\_GW456\_L13 set1IT046 #46 (gMed=286 rho12=-0.009)

Time0



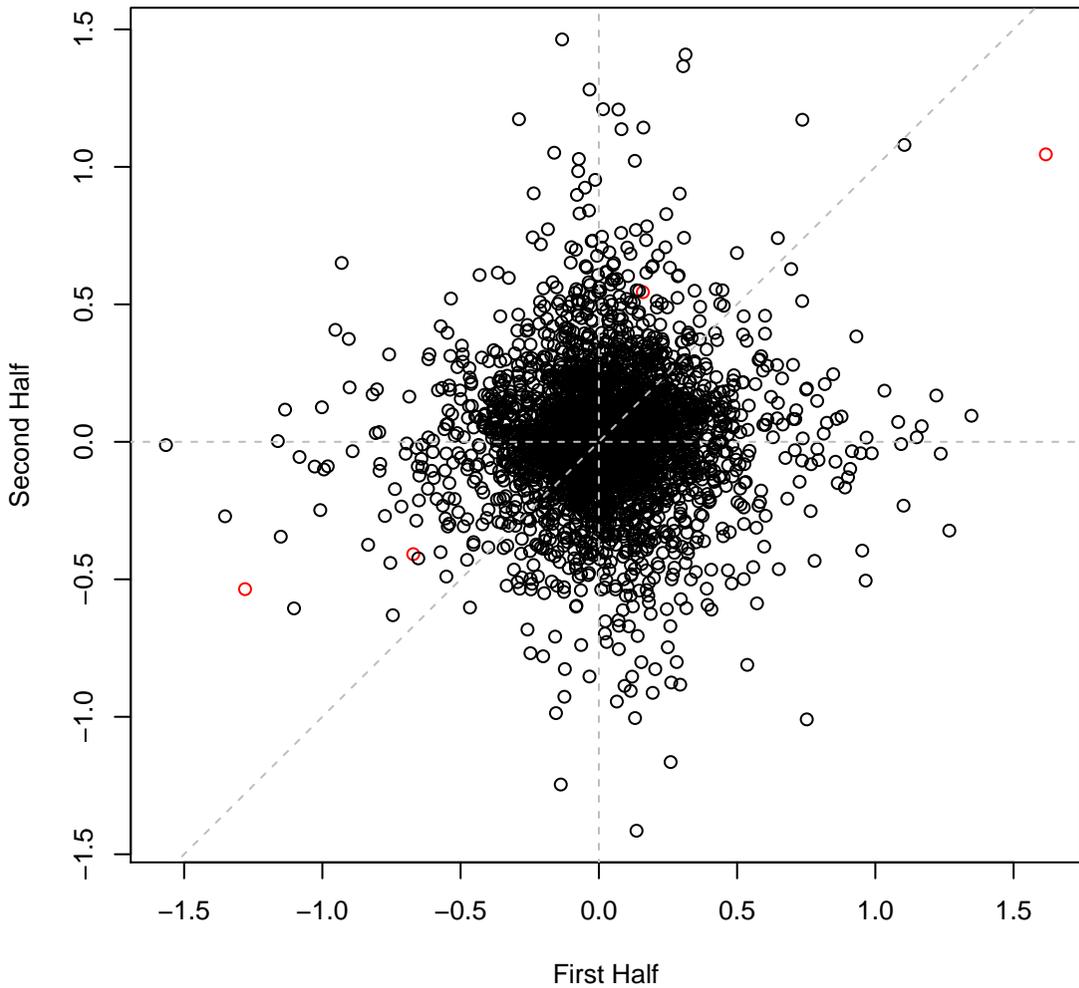
pseudo13\_GW456\_L13 set1IT047 #47 (gMed=257 rho12=0.035)

Time0

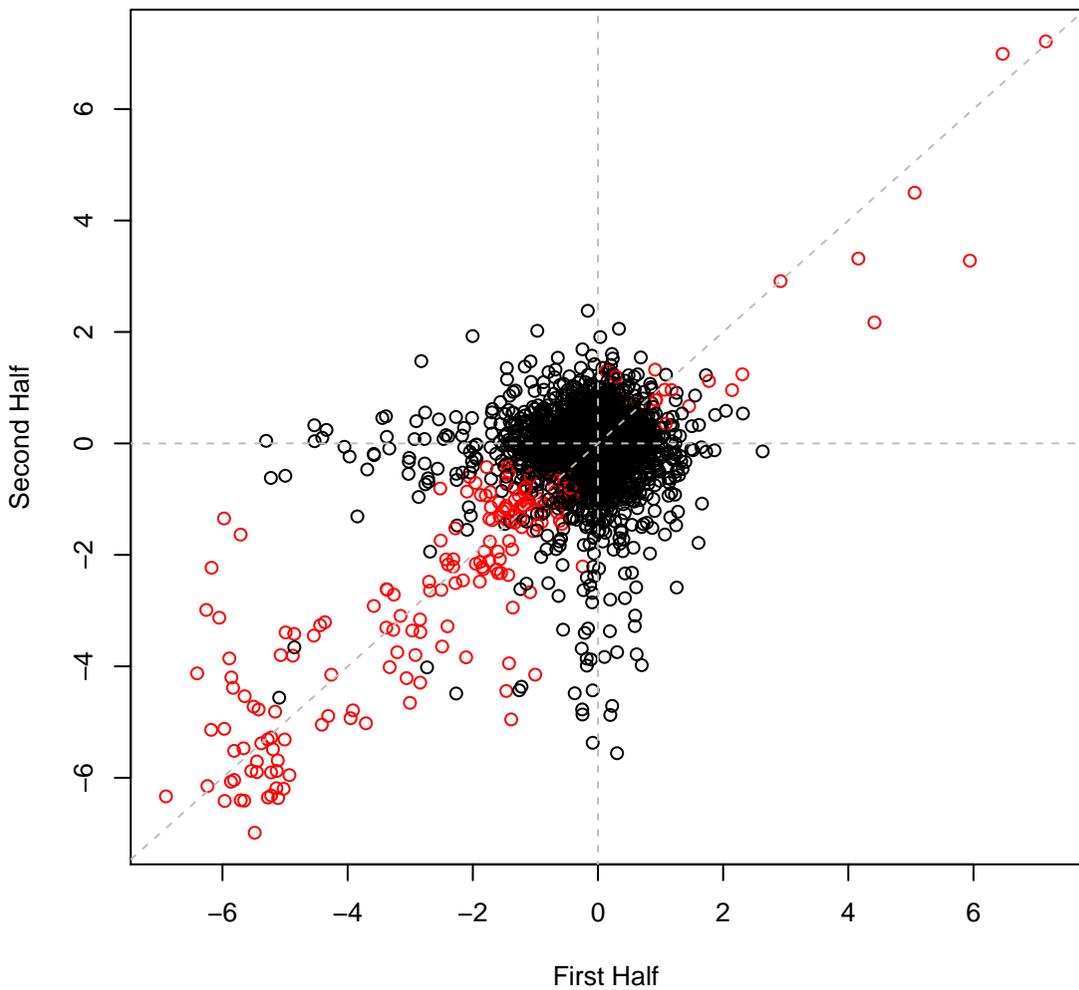


pseudo13\_GW456\_L13 set1IT048 #48 (gMed=284 rho12=0.035)

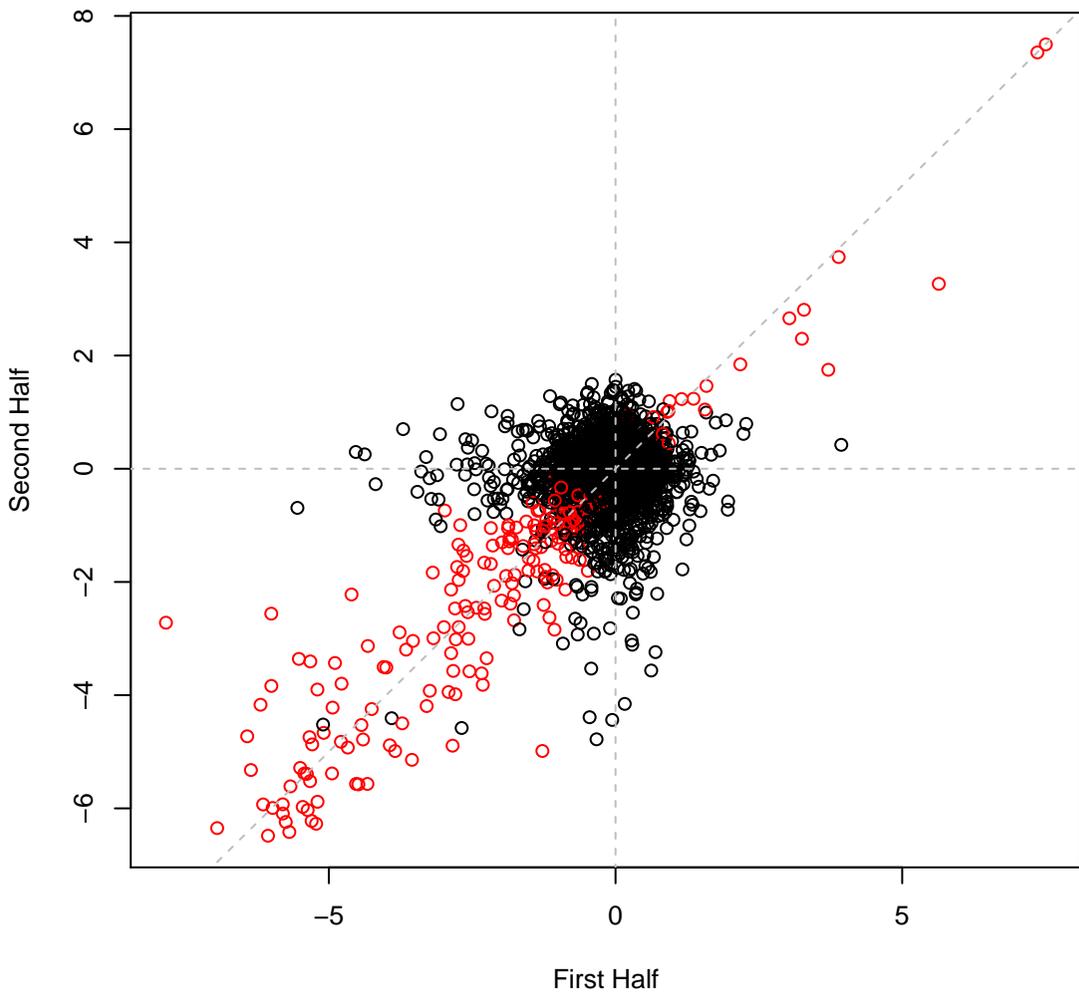
Time0



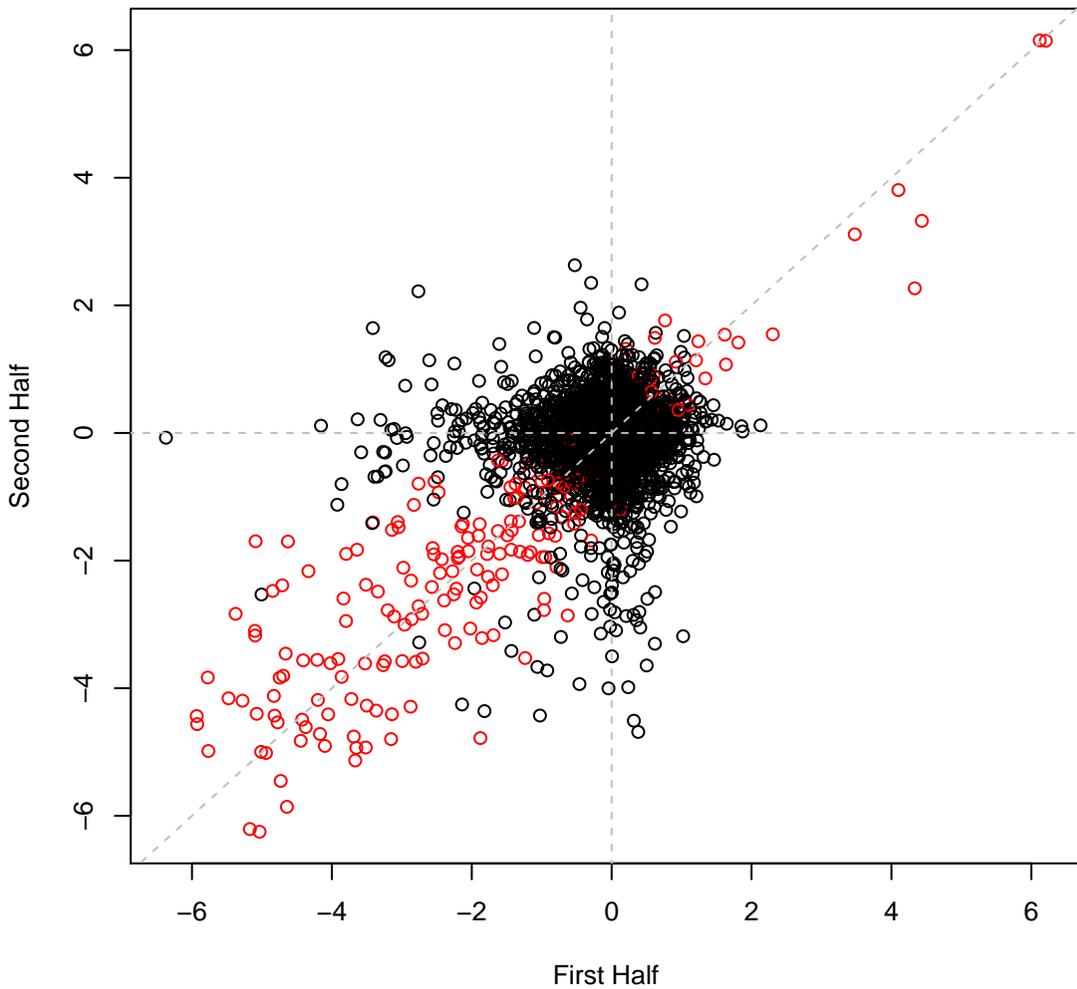
pseudo13\_GW456\_L13 set2IT049 #49 (gMed=340 rho12=0.179)  
D-Glucose (C)



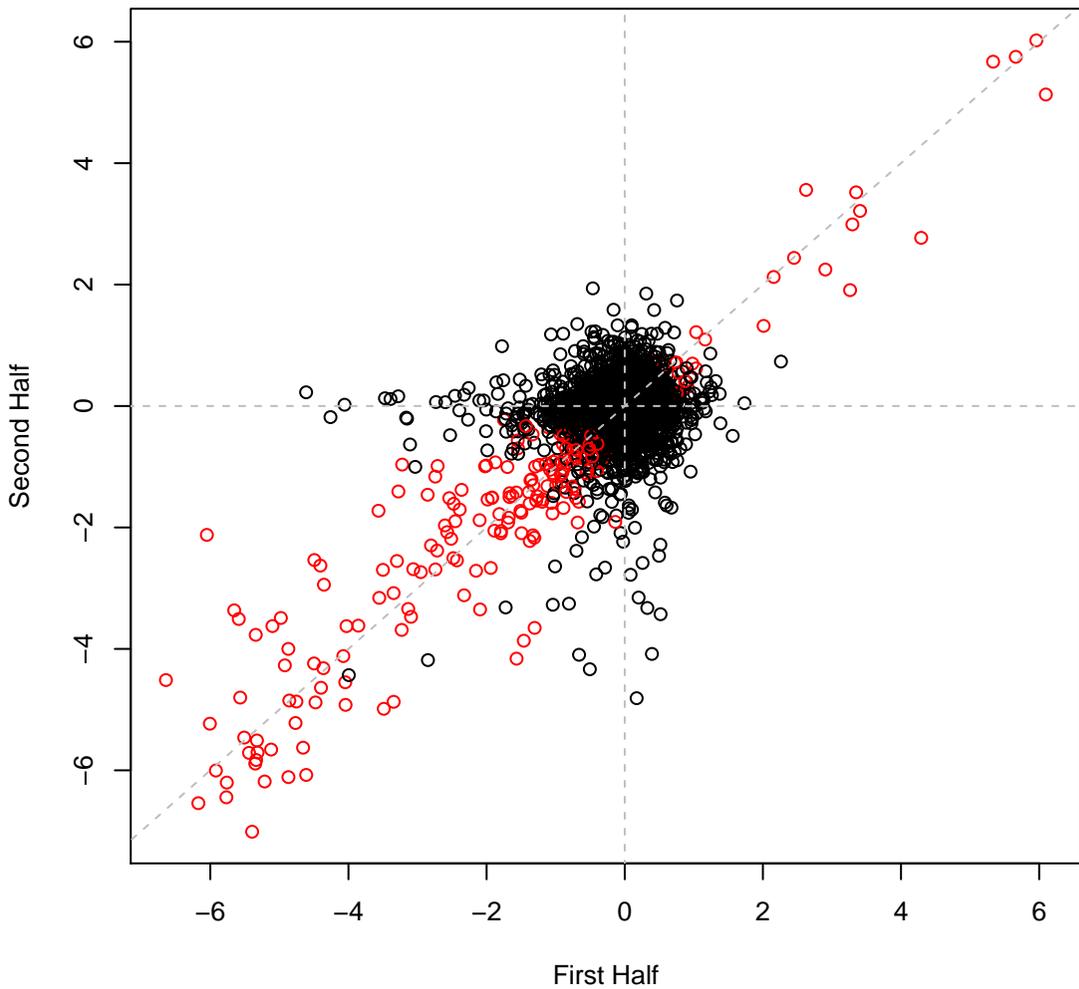
pseudo13\_GW456\_L13 set2IT050 #50 (gMed=322 rho12=0.183)  
D-Fructose (C)



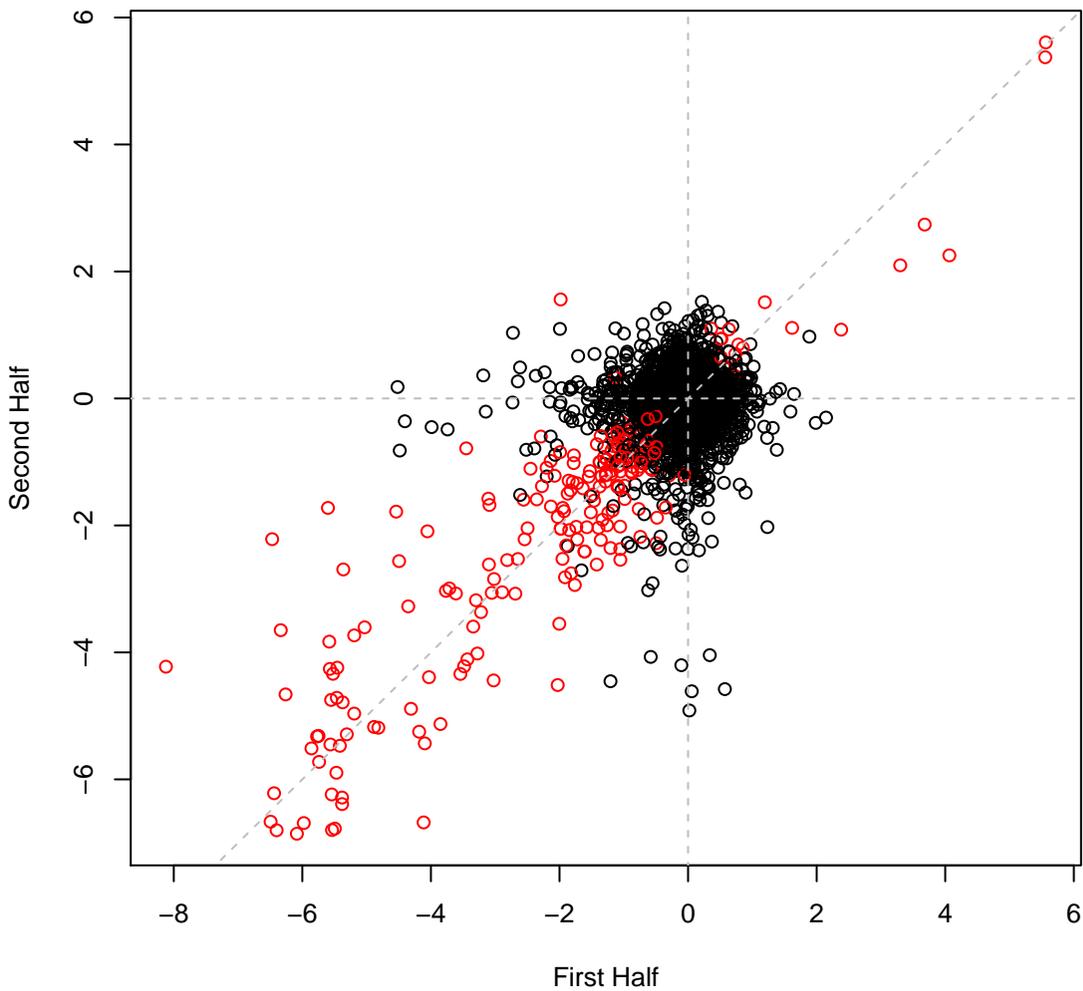
pseudo13\_GW456\_L13 set2IT051 #51 (gMed=293 rho12=0.197)  
Sucrose (C)



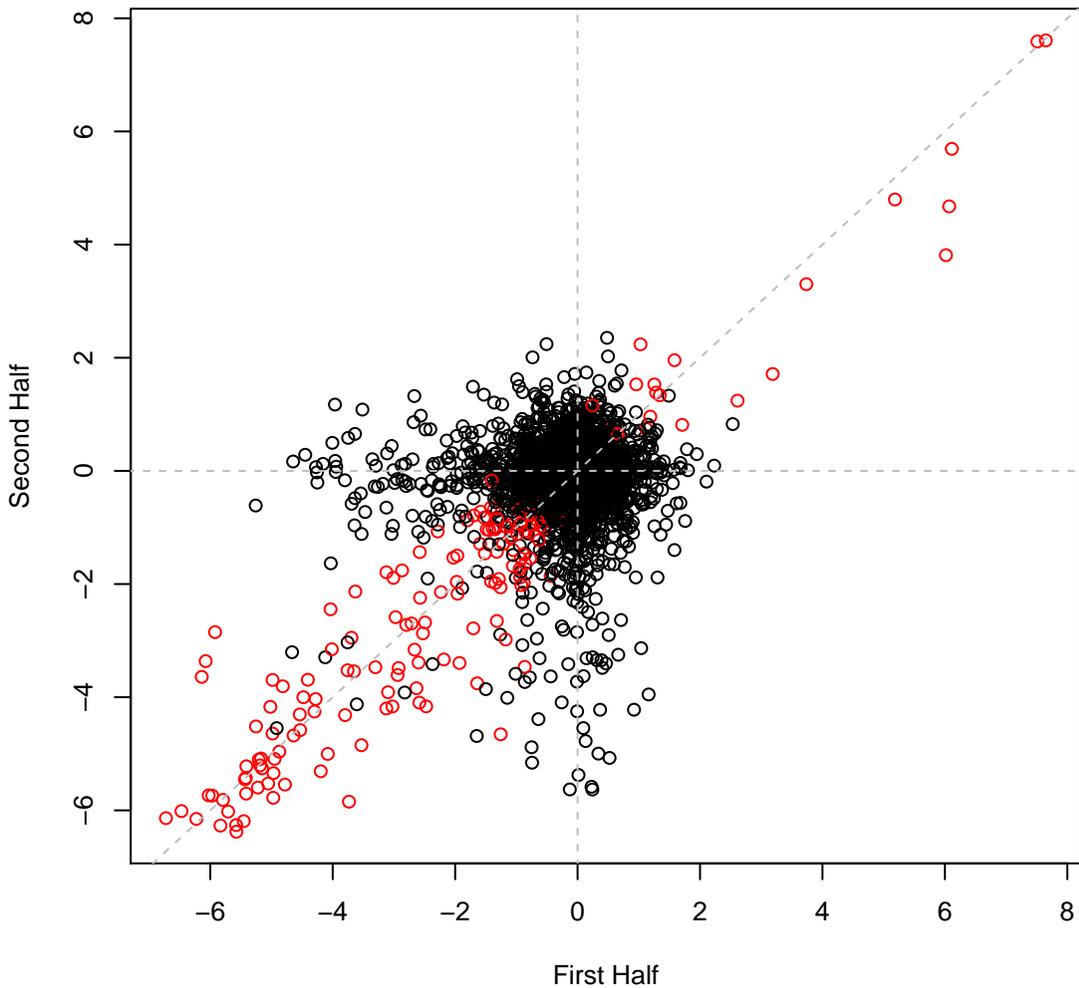
pseudo13\_GW456\_L13 set2IT052 #52 (gMed=276 rho12=0.227)  
L-Arabinose (C)



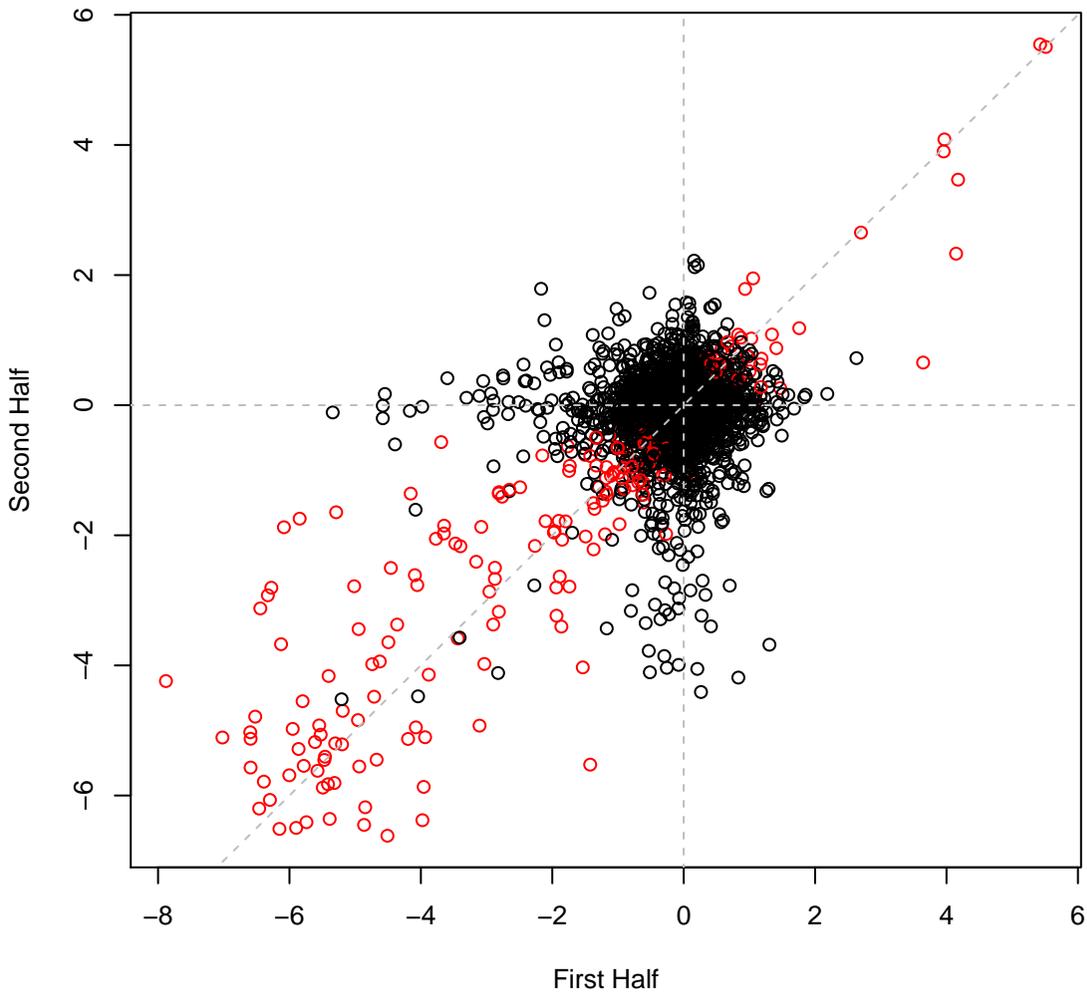
pseudo13\_GW456\_L13 set2IT053 #53 (gMed=320 rho12=0.203)  
D-Galactose (C)



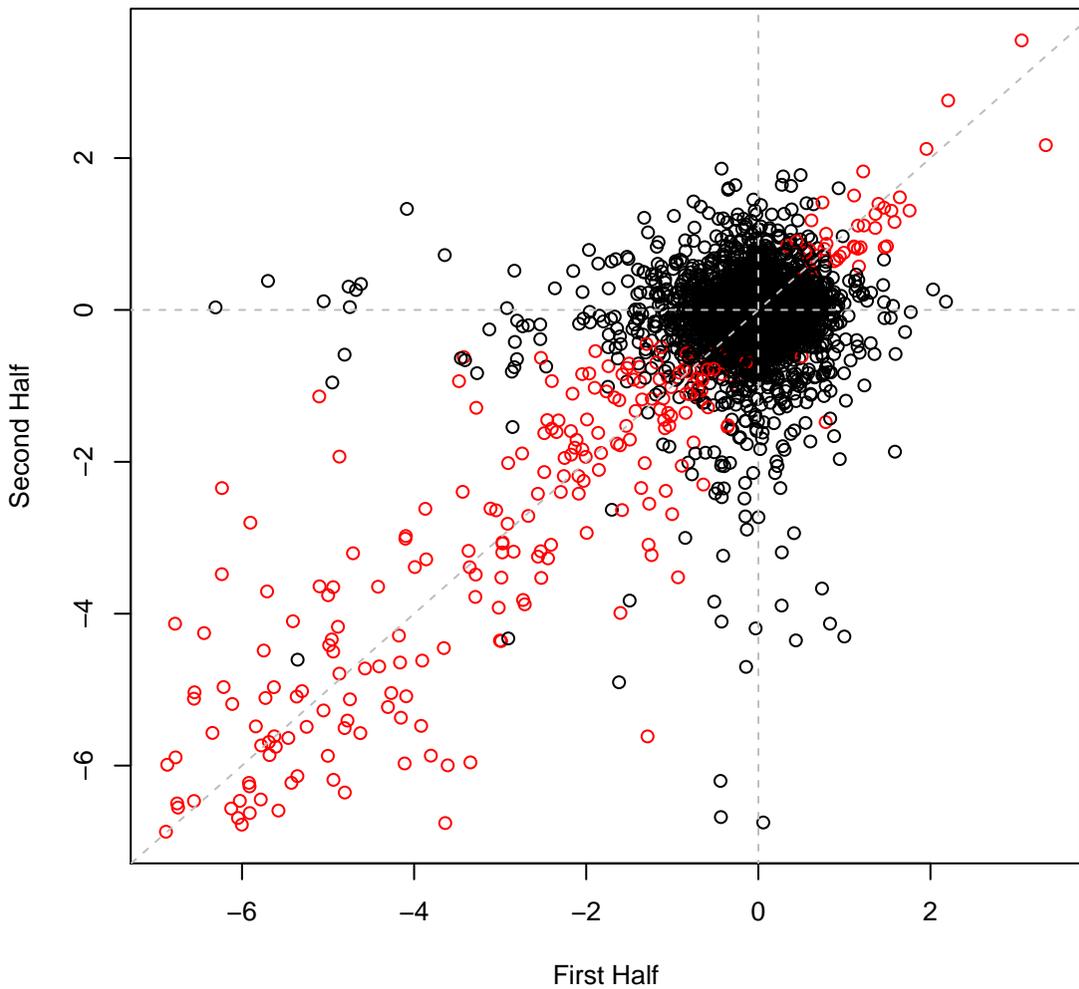
pseudo13\_GW456\_L13 set2IT054 #54 (gMed=296 rho12=0.166)  
a-Ketoglutaric (C)



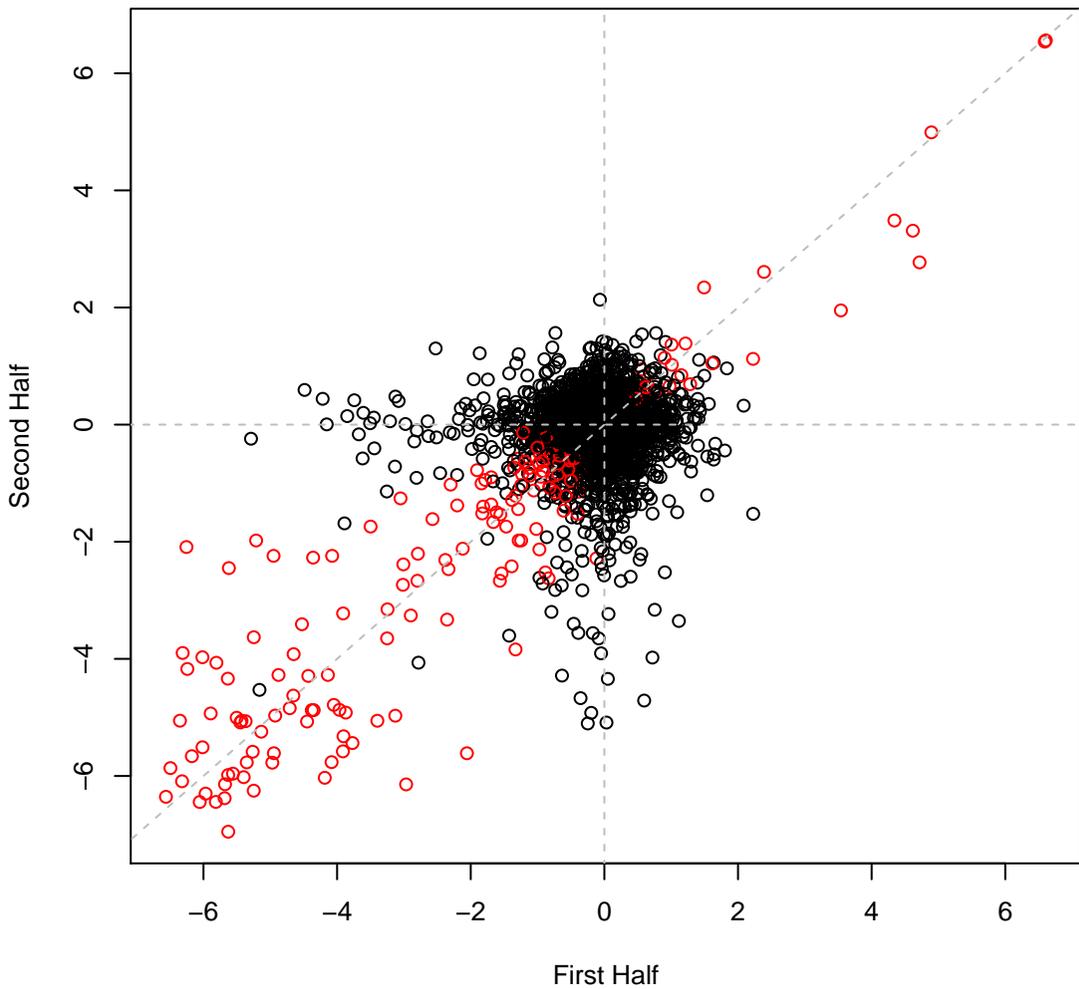
**pseudo13\_GW456\_L13 set2IT055 #55 (gMed=311 rho12=0.201)**  
**D-Gluconic Acid (C)**



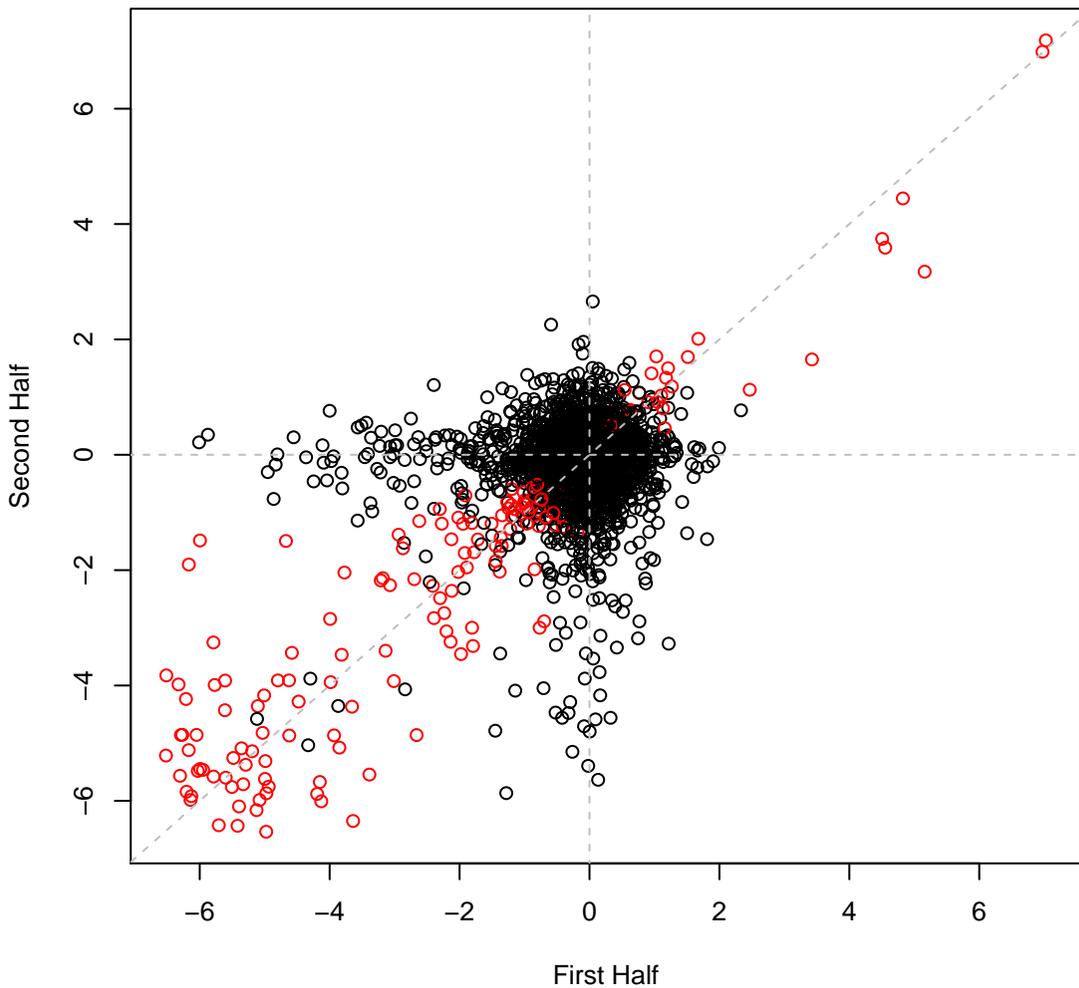
pseudo13\_GW456\_L13 set2IT056 #56 (gMed=342 rho12=0.237)  
Trisodium citrate (C)



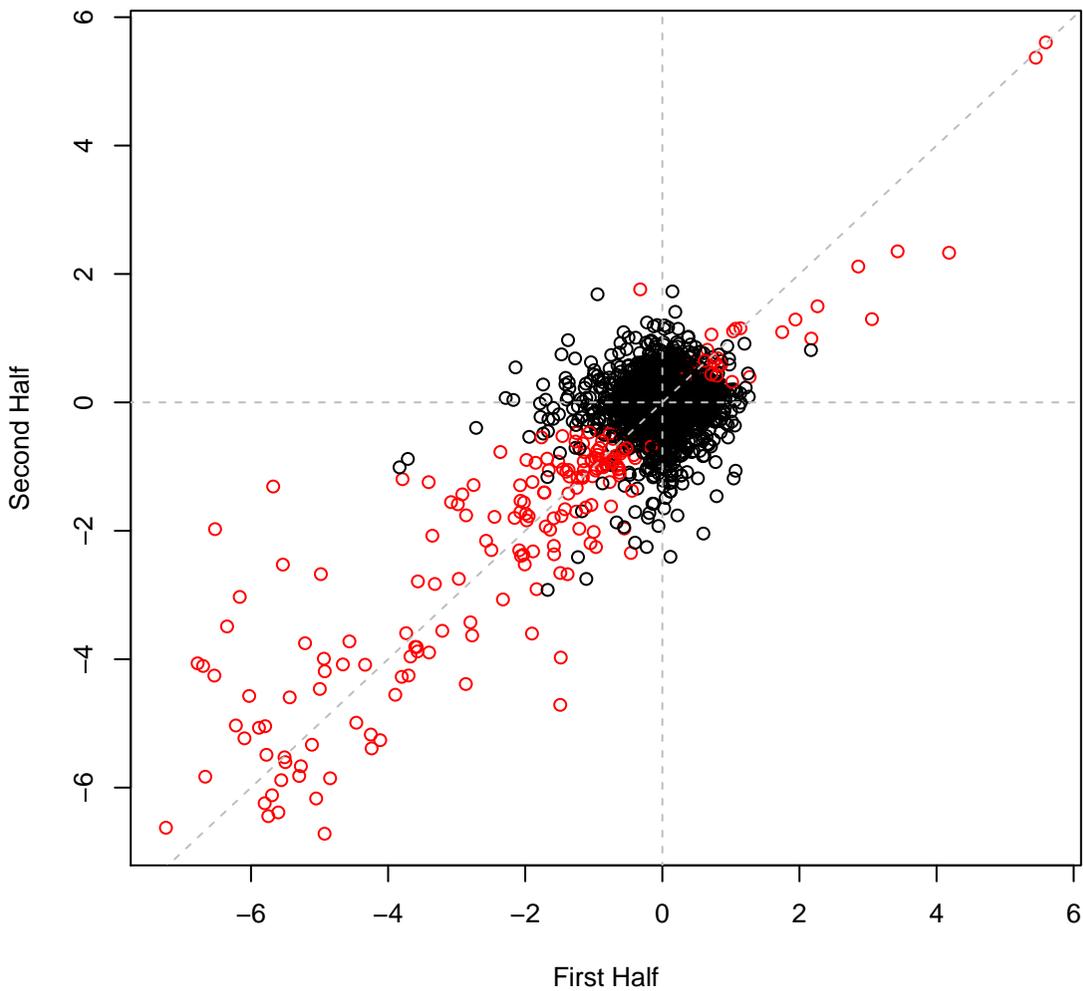
pseudo13\_GW456\_L13 set2IT057 #57 (gMed=302 rho12=0.173)  
D-Lactate (C)



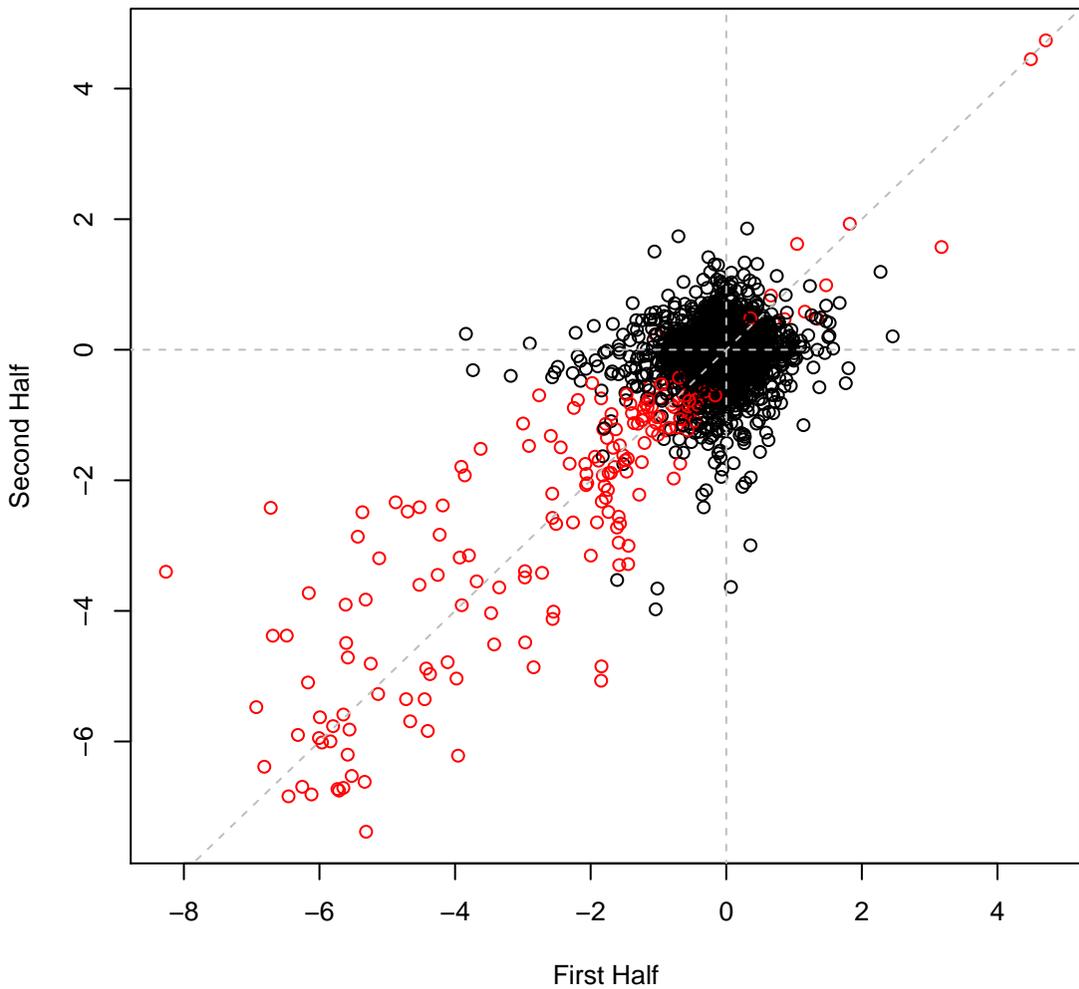
pseudo13\_GW456\_L13 set2IT058 #58 (gMed=308 rho12=0.167)  
L-Lactate (C)



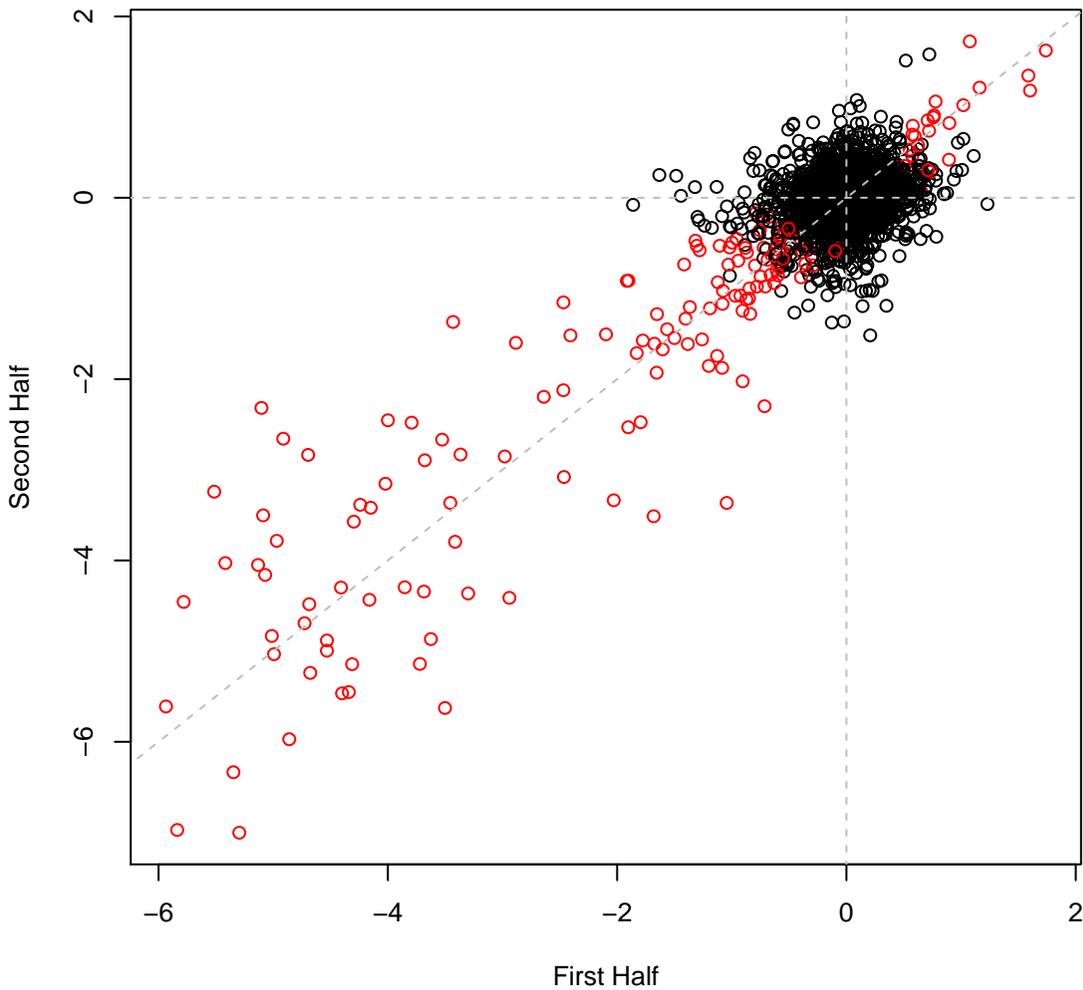
pseudo13\_GW456\_L13 set2IT061 #61 (gMed=355 rho12=0.239)  
D-Mannitol (C)



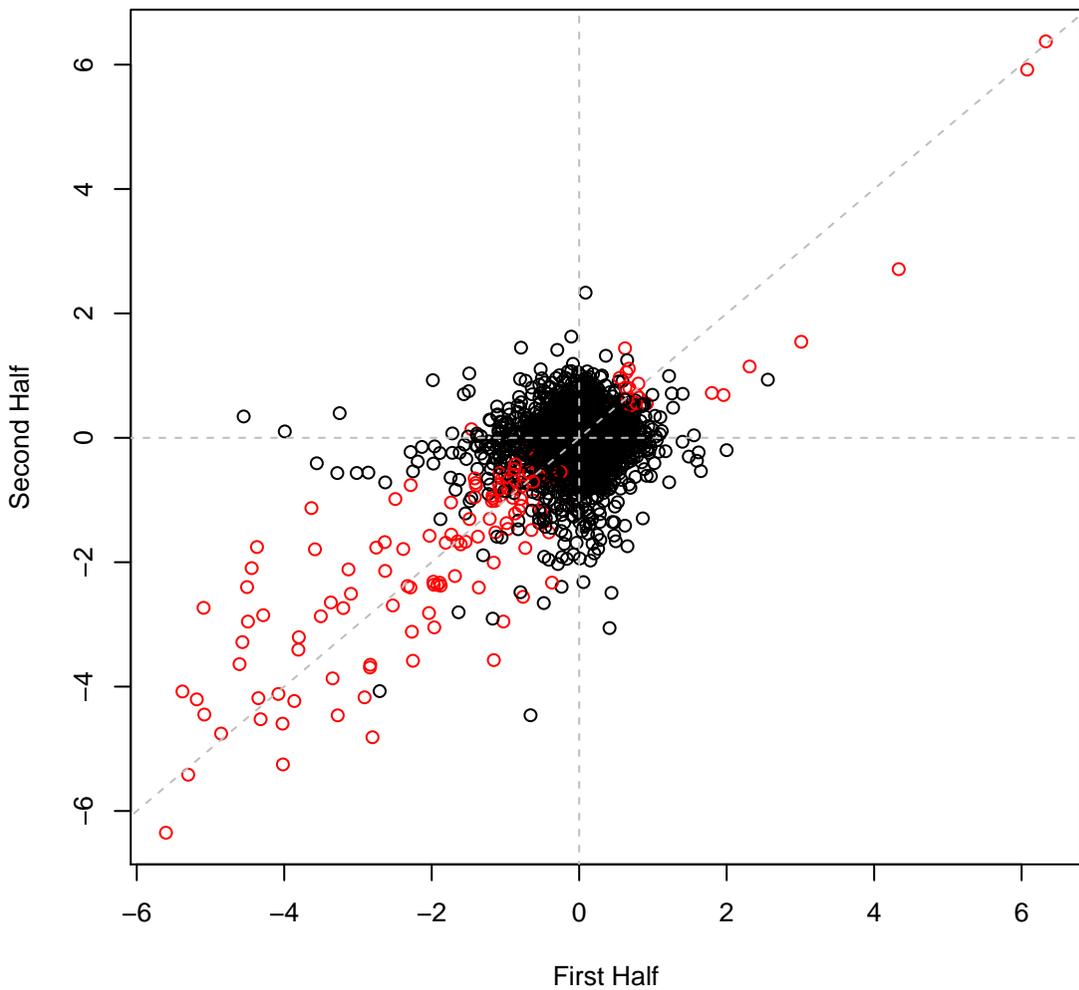
pseudo13\_GW456\_L13 set2IT062 #62 (gMed=399 rho12=0.220)  
Glycerol (C)



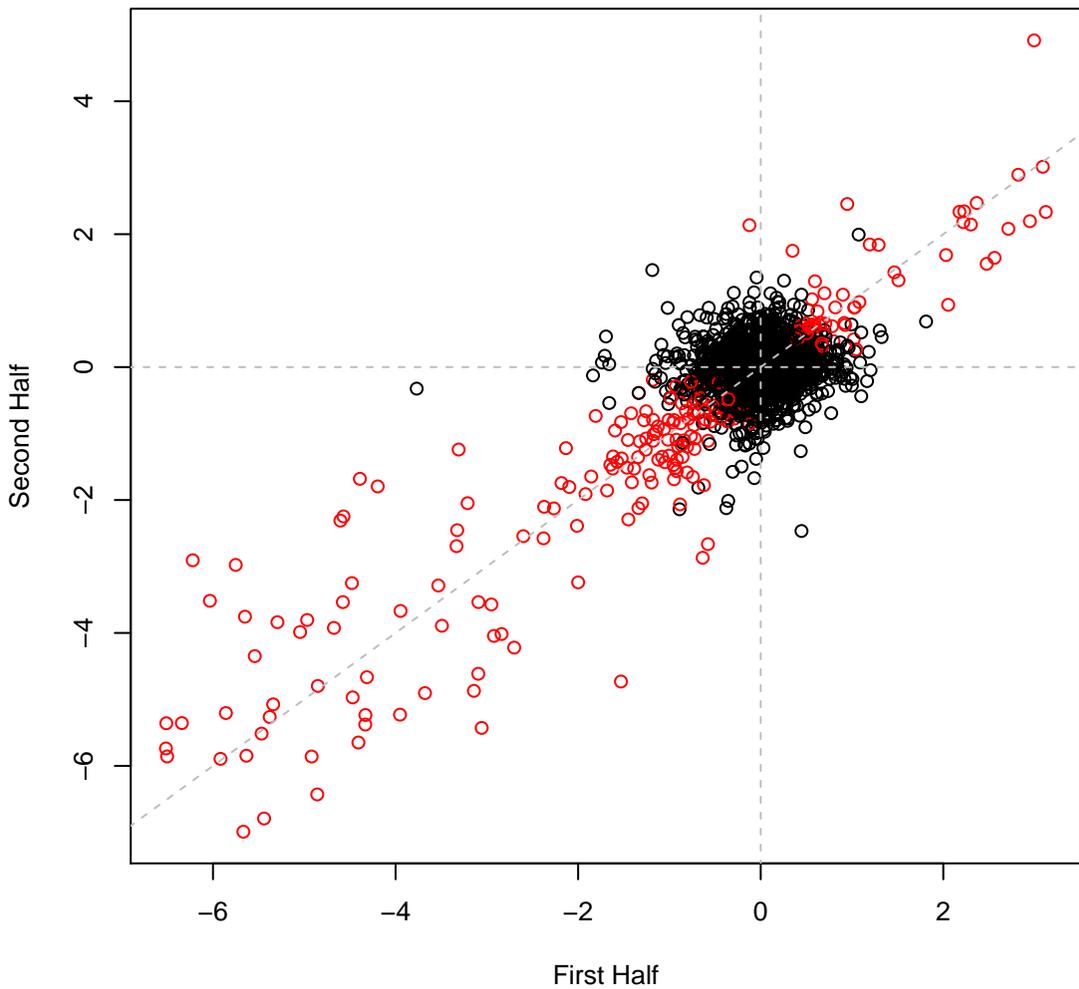
pseudo13\_GW456\_L13 set2IT063 #63 (gMed=340 rho12=0.306)  
Tween 20 (C)



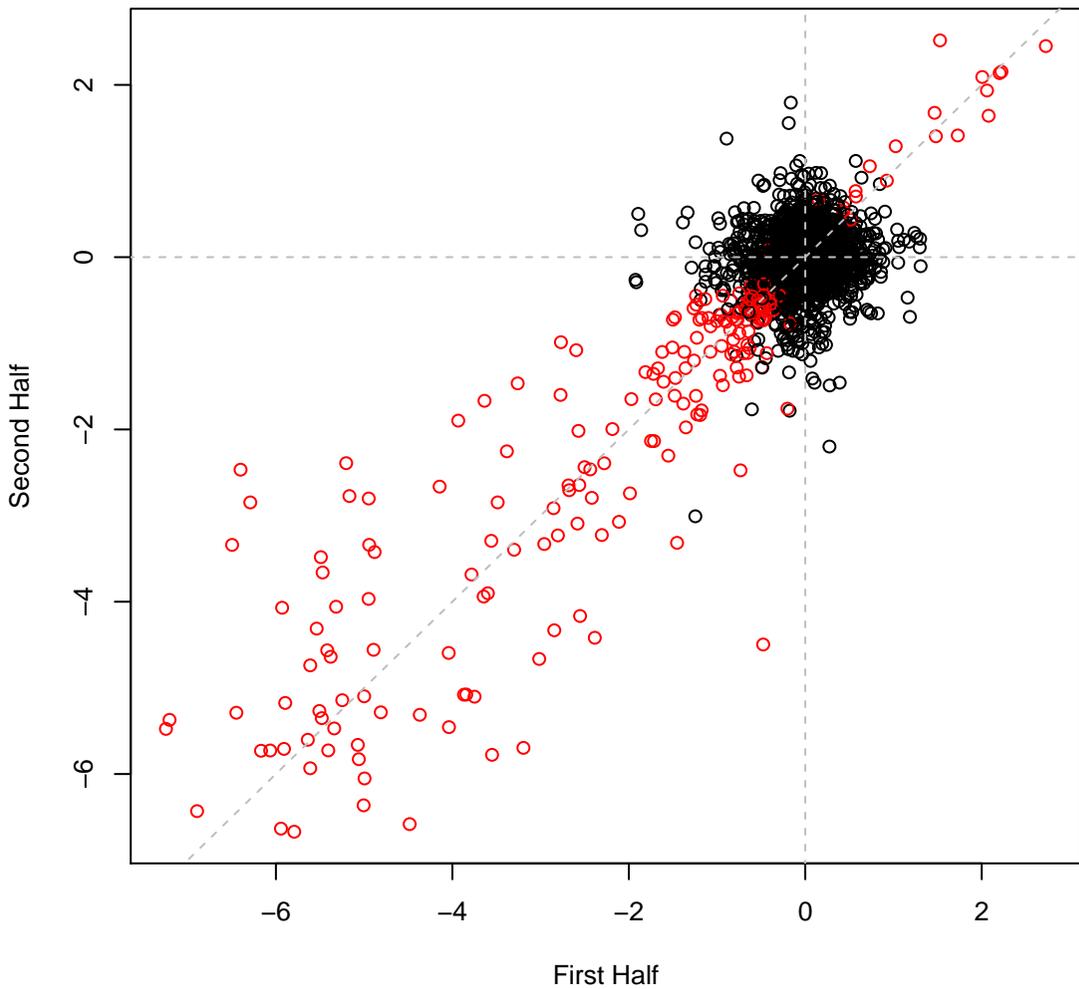
pseudo13\_GW456\_L13 set2IT064 #64 (gMed=251 rho12=0.200)  
L-Malic (C)



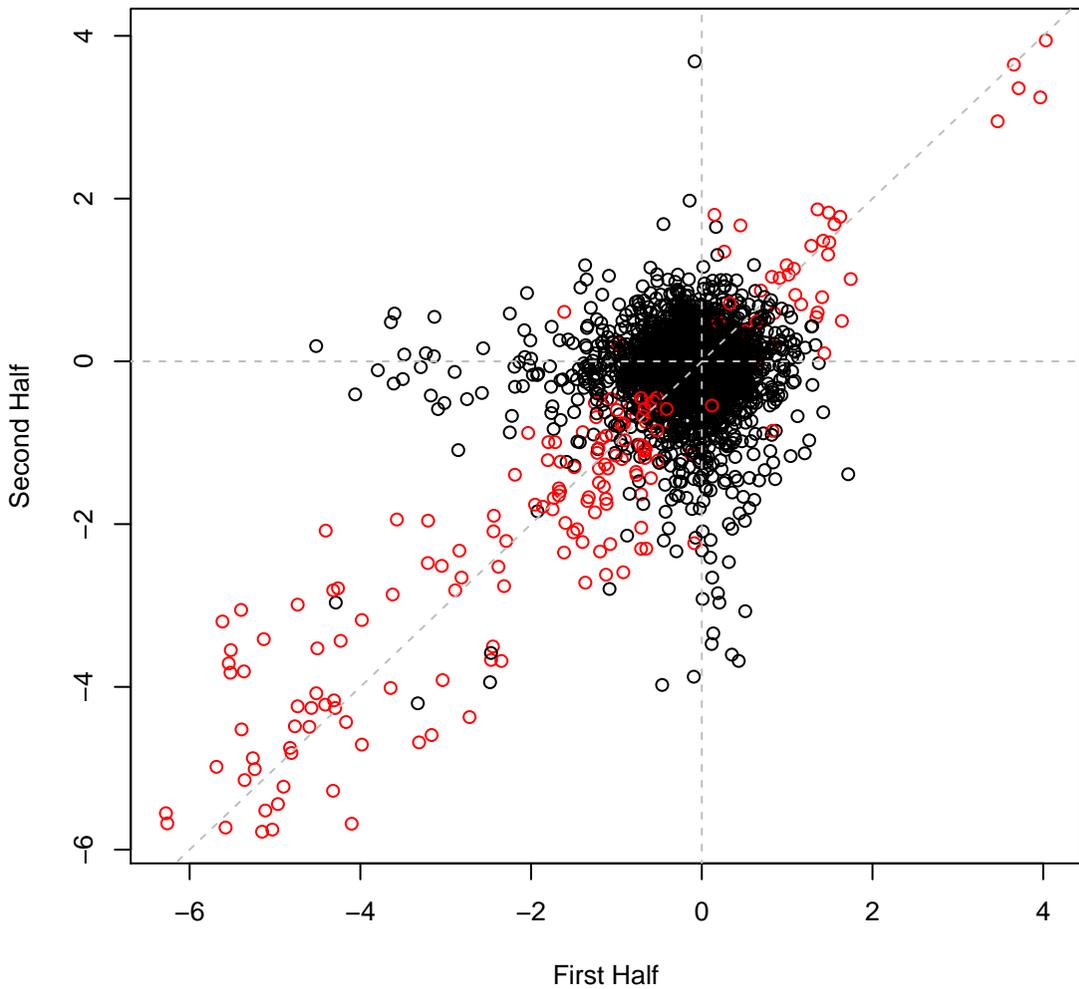
pseudo13\_GW456\_L13 set2IT065 #65 (gMed=313 rho12=0.276)  
L-Histidine (C)



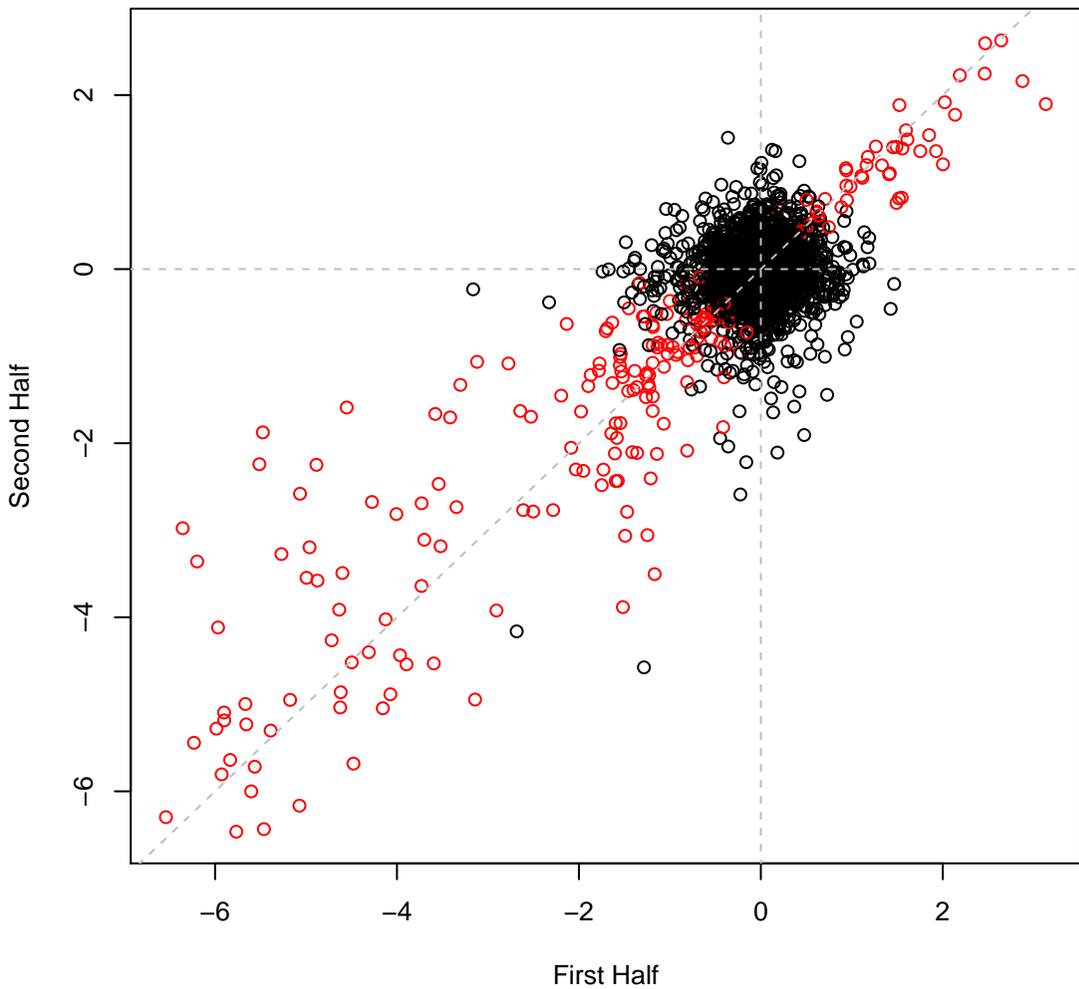
pseudo13\_GW456\_L13 set2IT066 #66 (gMed=265 rho12=0.244)  
L-Asparagine (C)



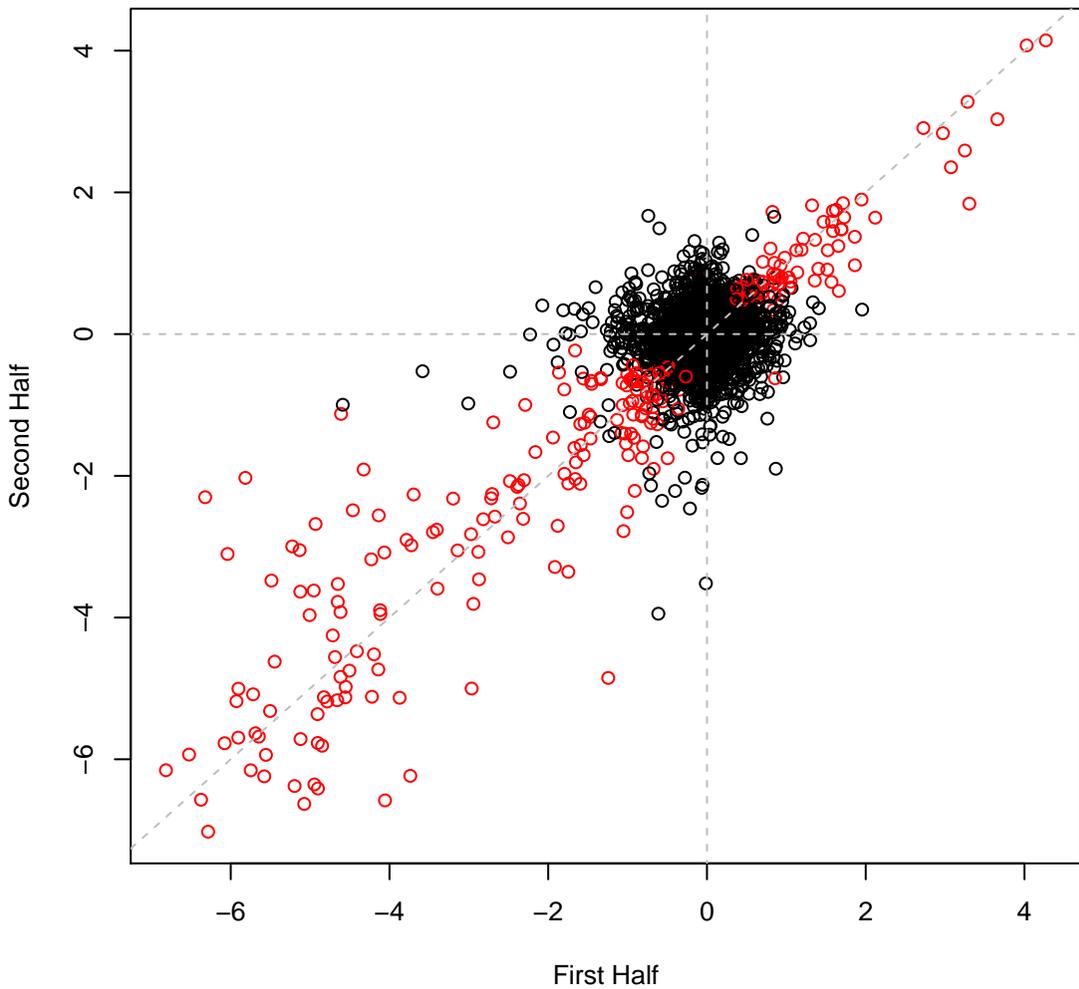
pseudo13\_GW456\_L13 set2IT067 #67 (gMed=97 rho12=0.179)  
L-Glutamine (C)



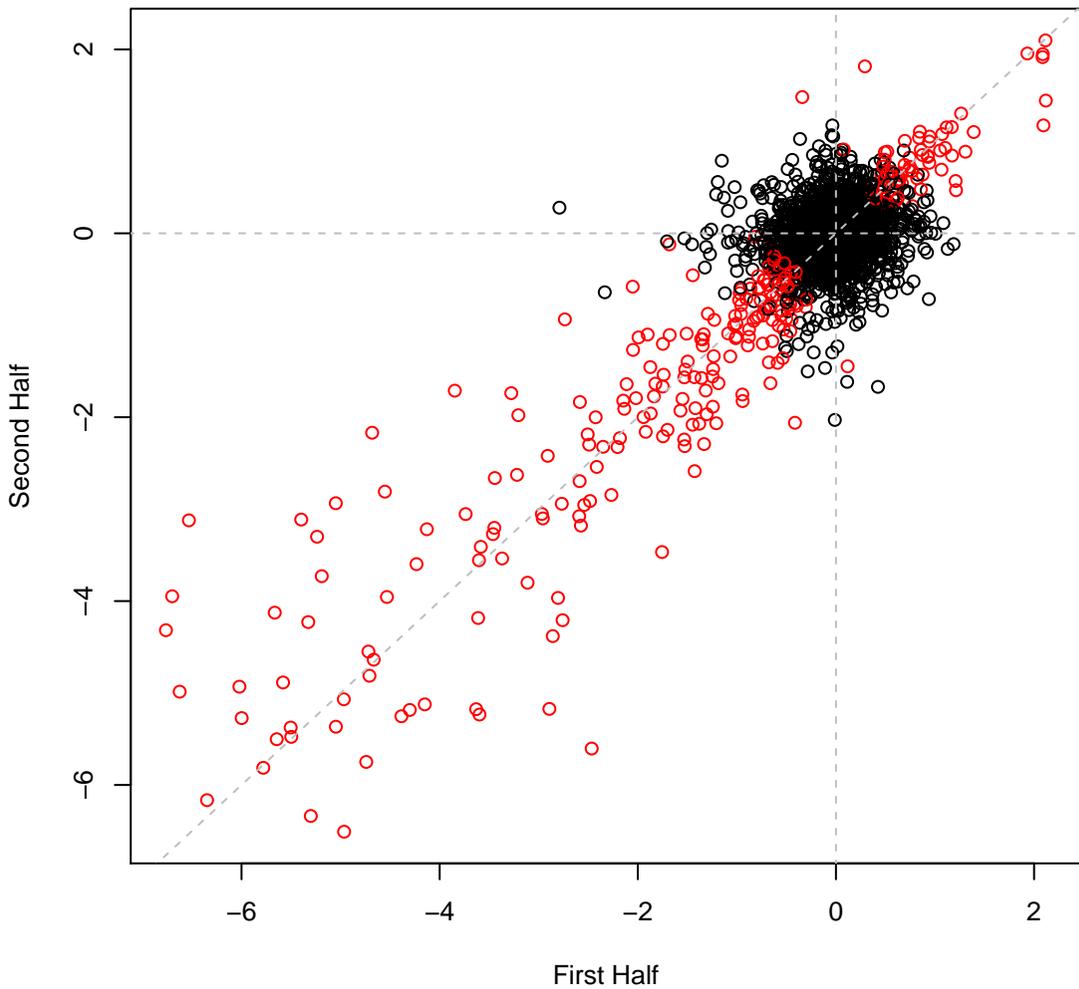
pseudo13\_GW456\_L13 set2IT069 #69 (gMed=264 rho12=0.230)  
L-Alanine (C)



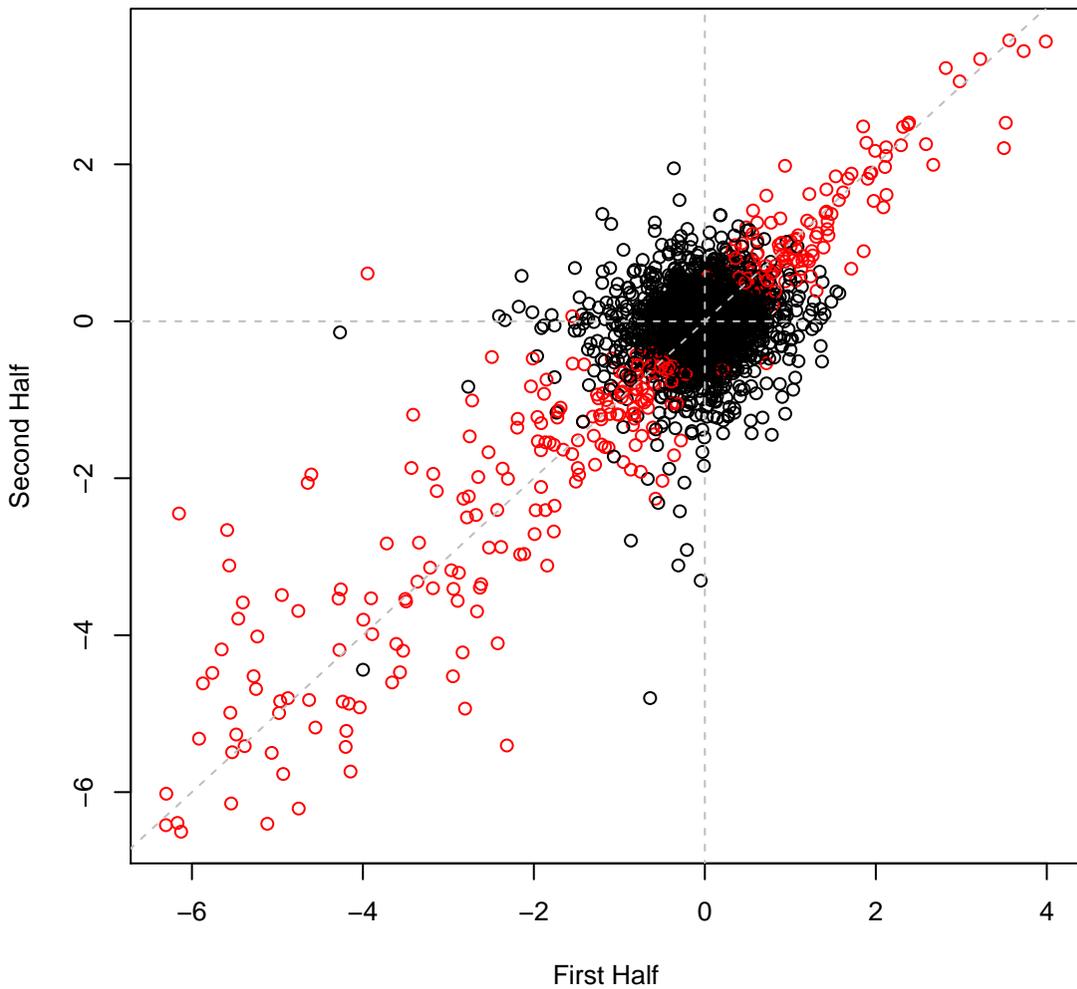
pseudo13\_GW456\_L13 set2IT070 #70 (gMed=299 rho12=0.276)  
L-Valine (C)



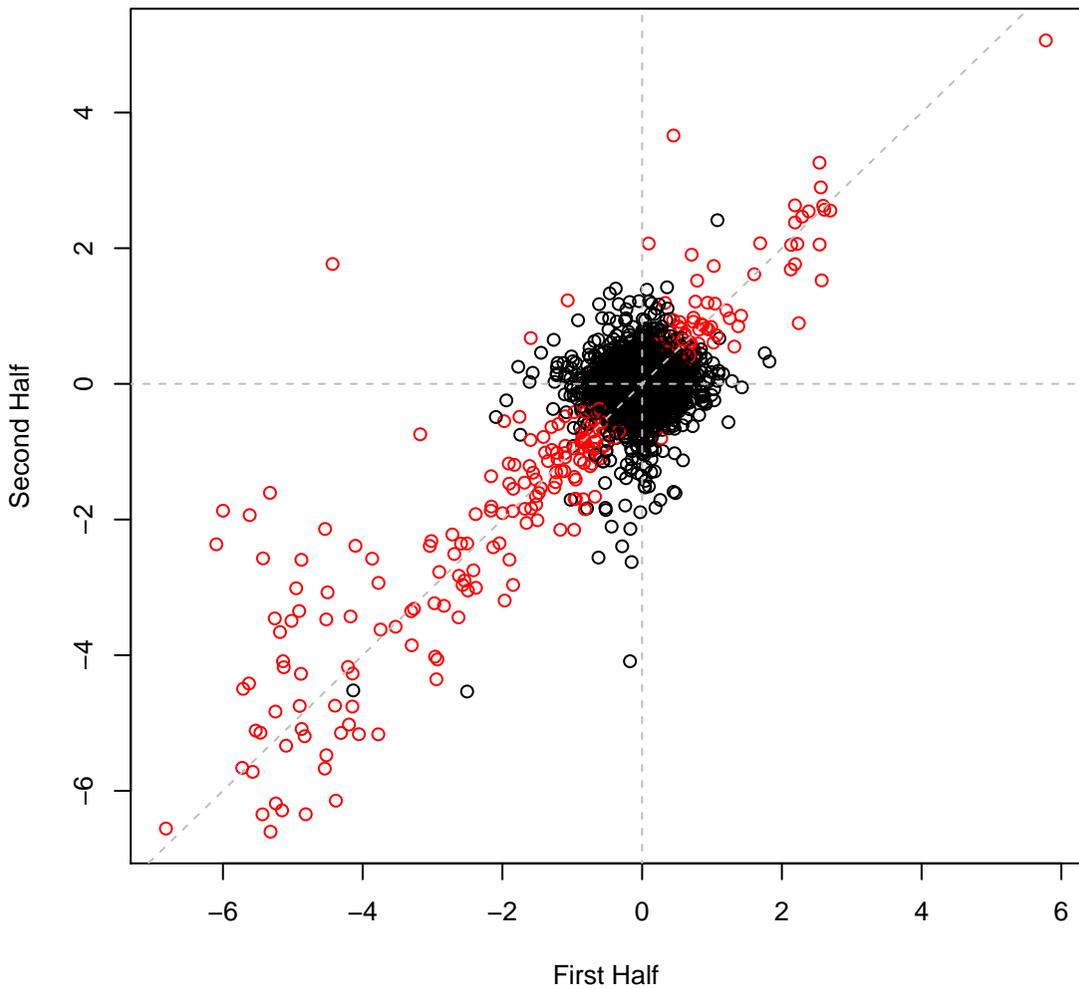
pseudo13\_GW456\_L13 set2IT073 #73 (gMed=288 rho12=0.332)  
L-Phenylalanine (C)



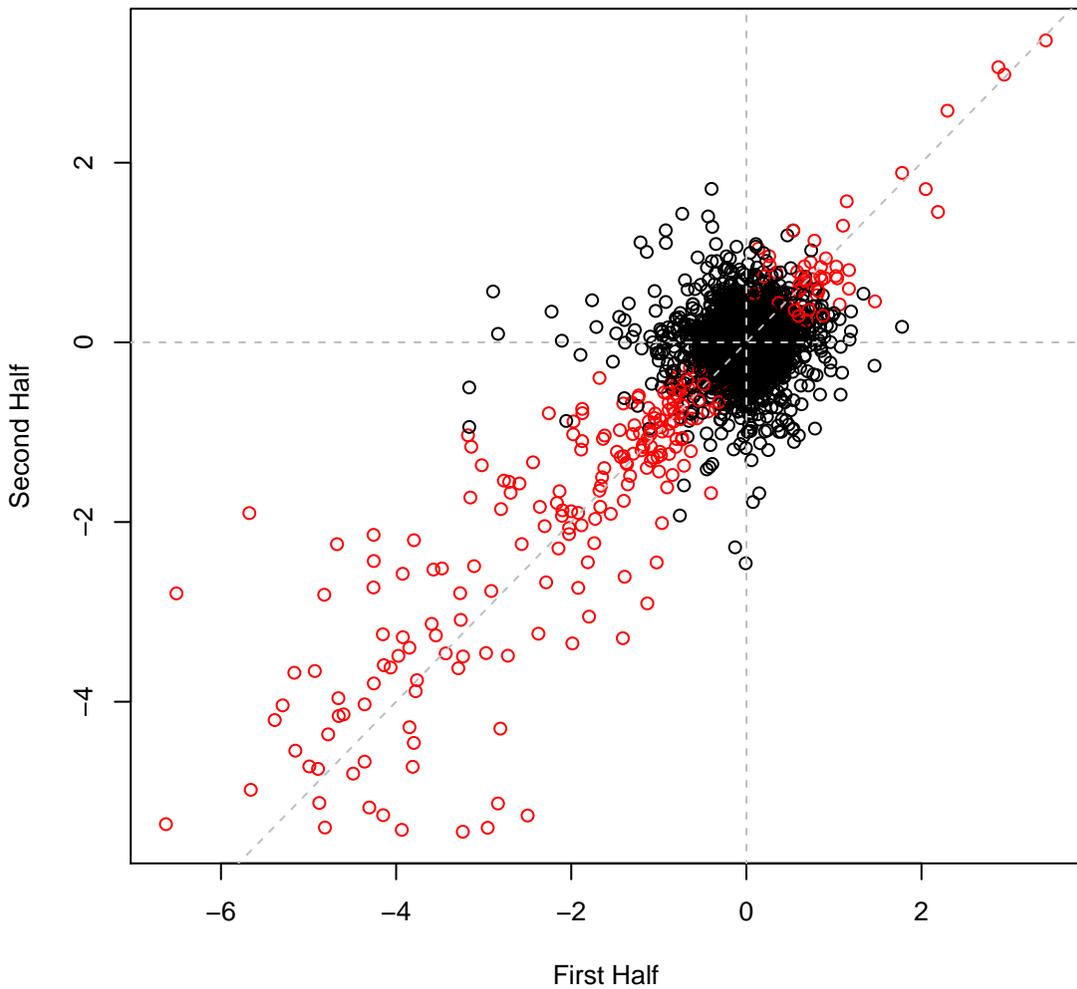
pseudo13\_GW456\_L13 set2IT074 #74 (gMed=249 rho12=0.303)  
L-Tryptophan (C)



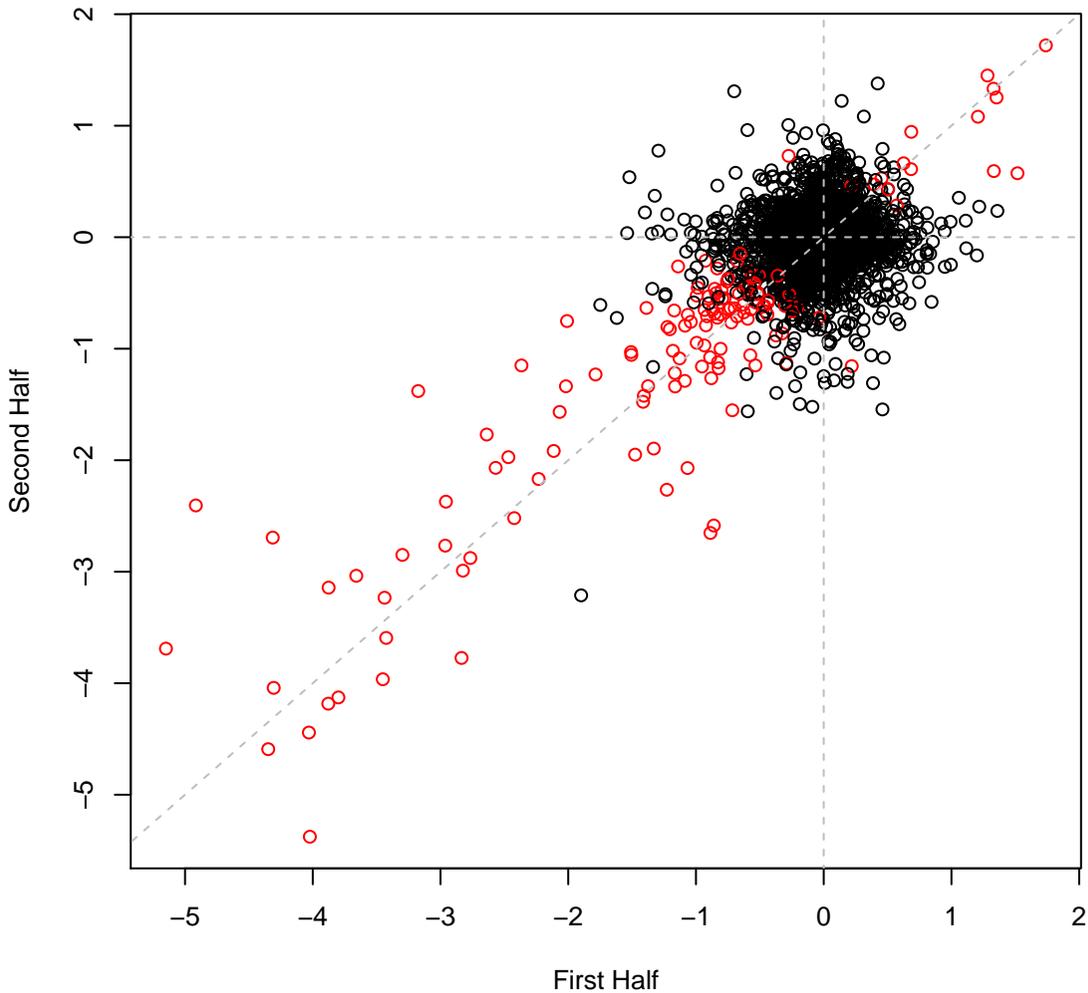
pseudo13\_GW456\_L13 set2IT075 #75 (gMed=277 rho12=0.264)  
D-Serine (C)



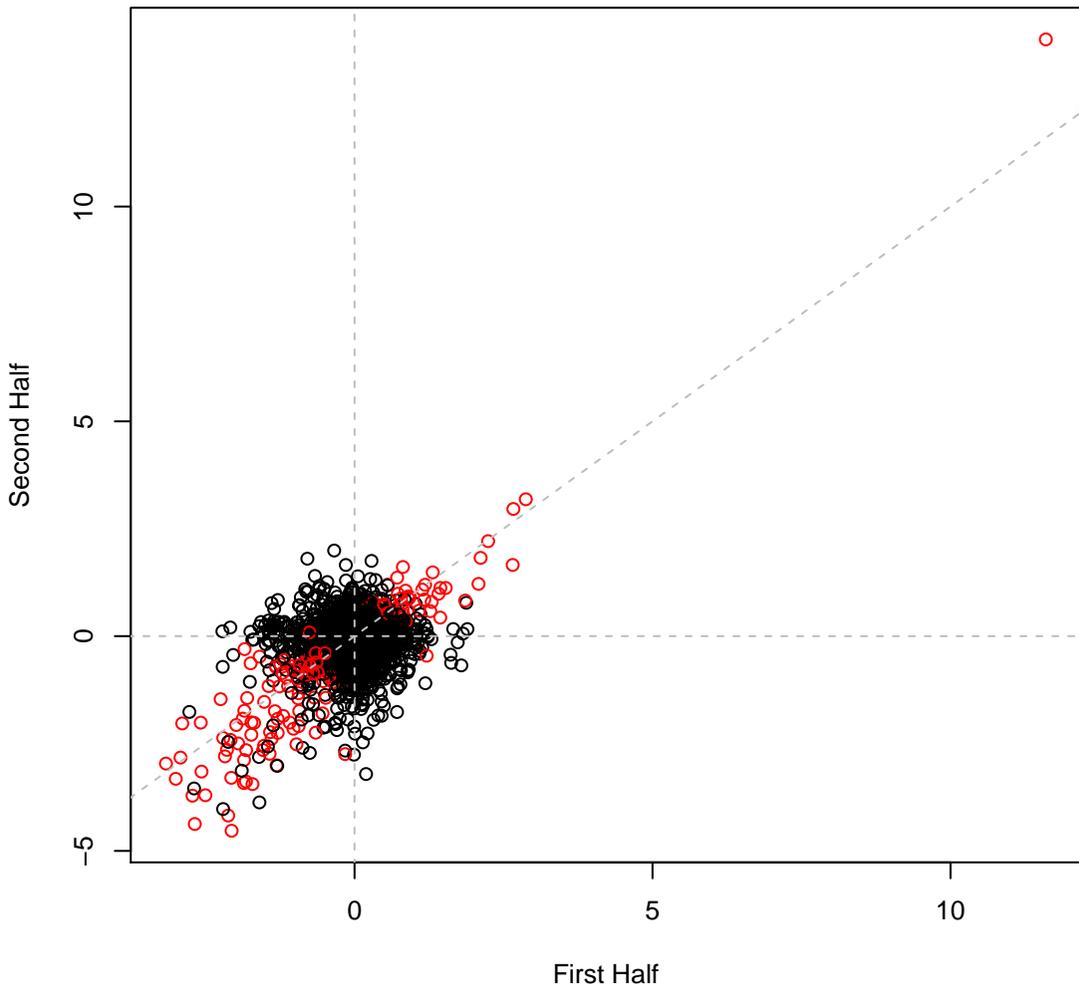
pseudo13\_GW456\_L13 set2IT076 #76 (gMed=303 rho12=0.273)  
D-Alanine (C)



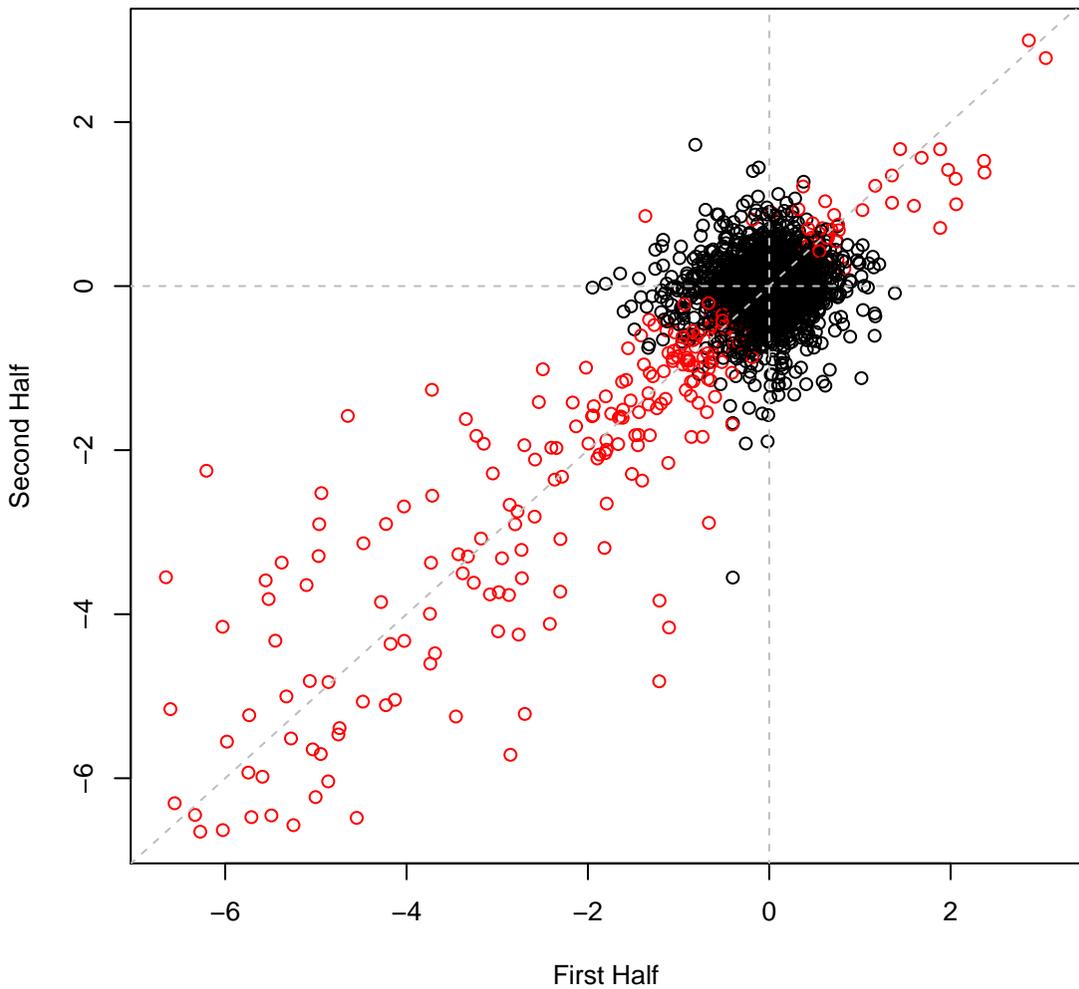
**pseudo13\_GW456\_L13 set2IT077 #77 (gMed=291 rho12=0.194)  
casaminos (C)**



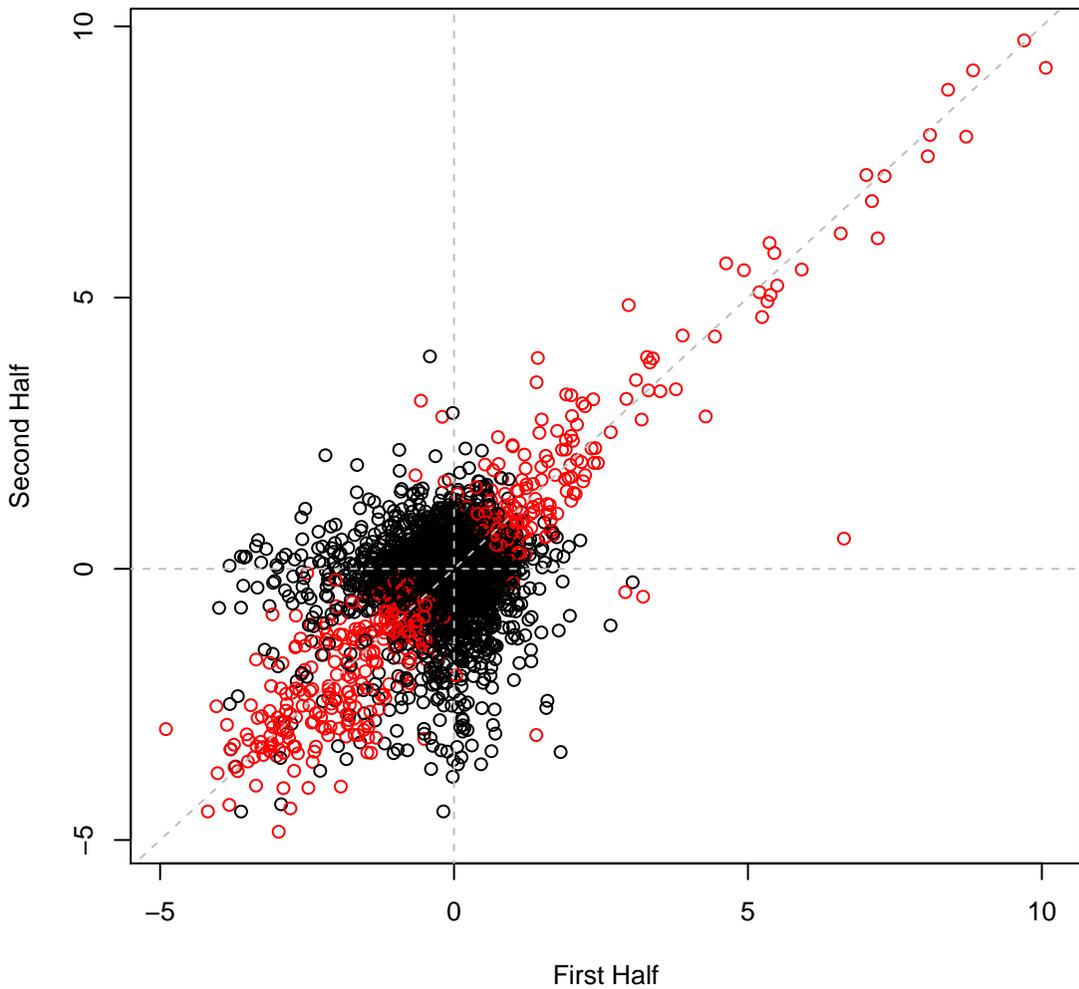
pseudo13\_GW456\_L13 set2IT080 #80 (gMed=73 rho12=0.149)  
D-Glucosamine Hydrochloride (C)



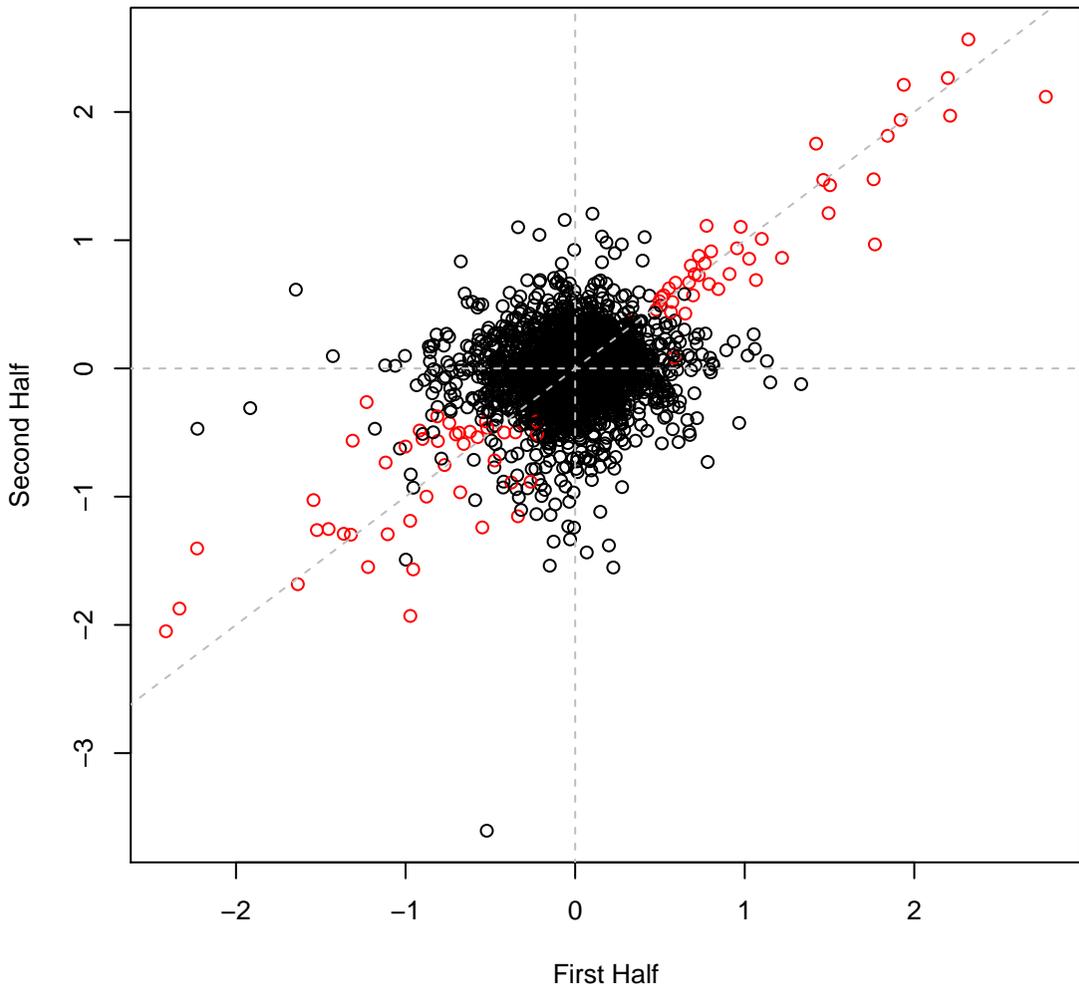
pseudo13\_GW456\_L13 set2IT081 #81 (gMed=276 rho12=0.270)  
D-Mannose (C)



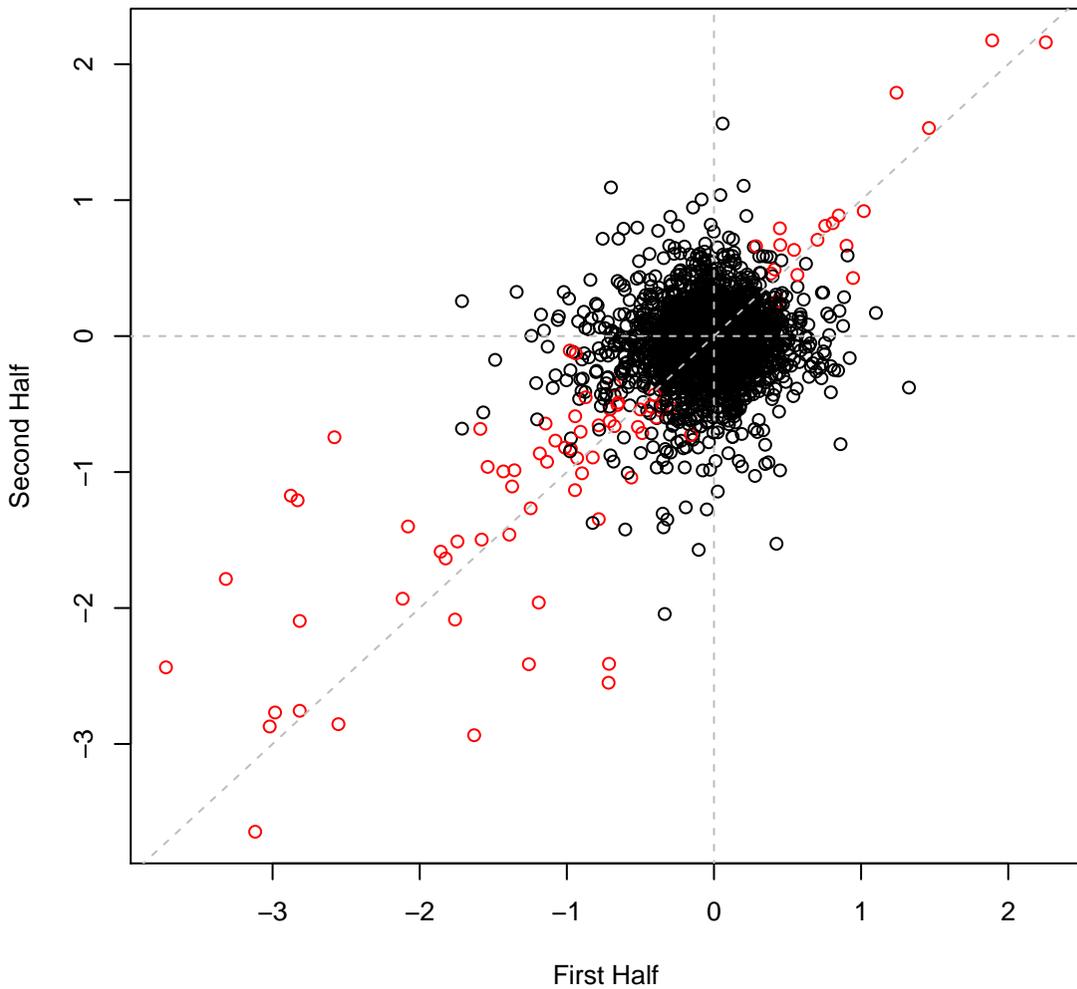
pseudo13\_GW456\_L13 set2IT082 #82 (gMed=84 rho12=0.357)  
octanoate (C)



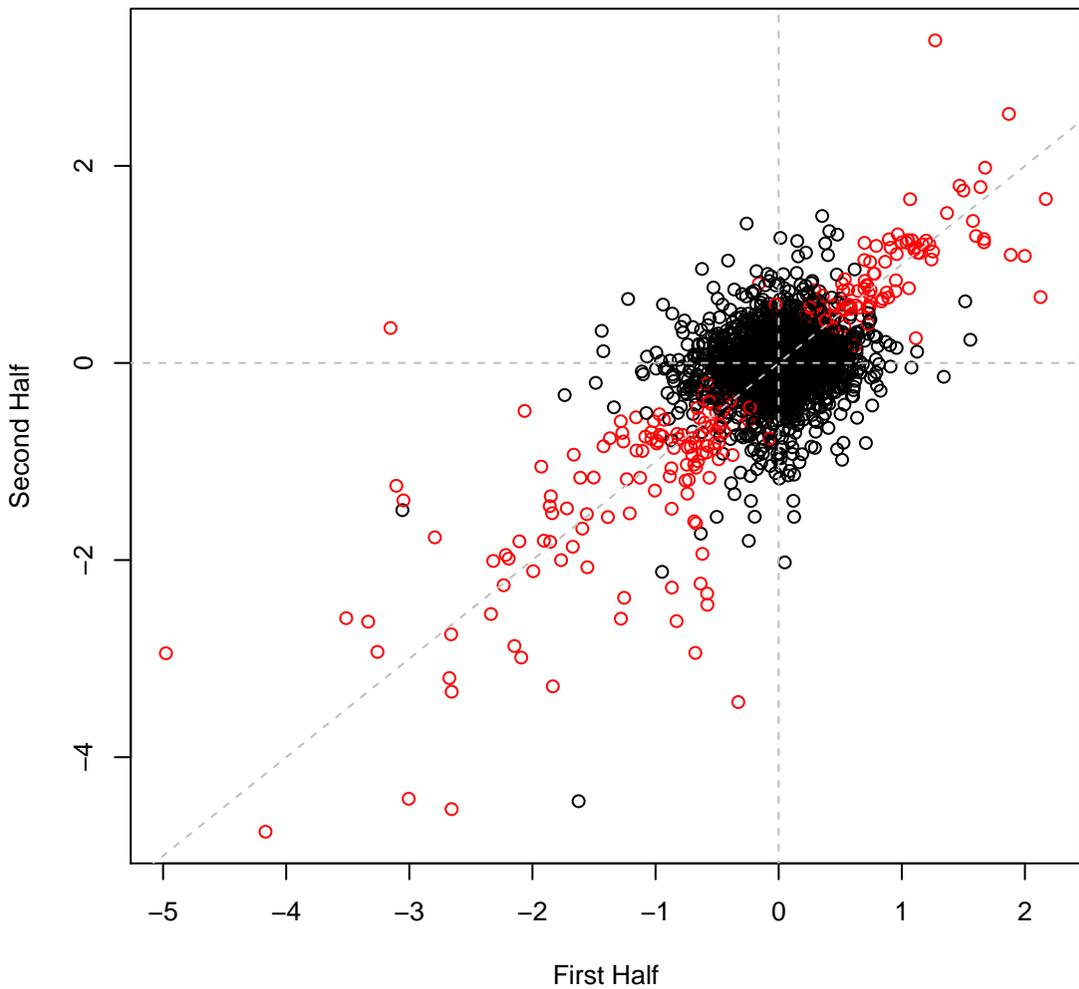
pseudo13\_GW456\_L13 set2IT083 #83 (gMed=308 rho12=0.149)  
nitrite 5 mM



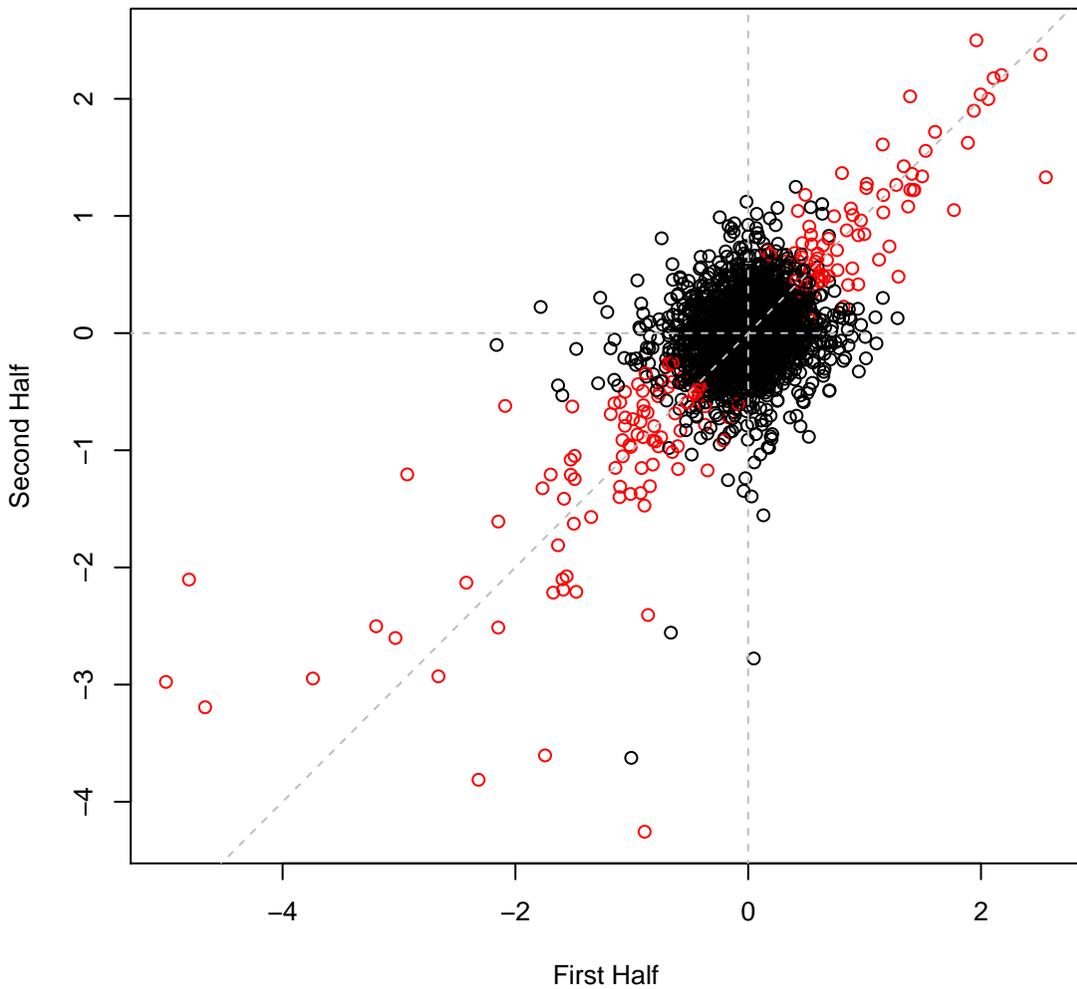
**pseudo13\_GW456\_L13 set2IT084 #84 (gMed=288 rho12=0.150)**  
**nitrite 10 mM**



pseudo13\_GW456\_L13 set2IT085 #85 (gMed=312 rho12=0.299)  
nitrate 200 mM

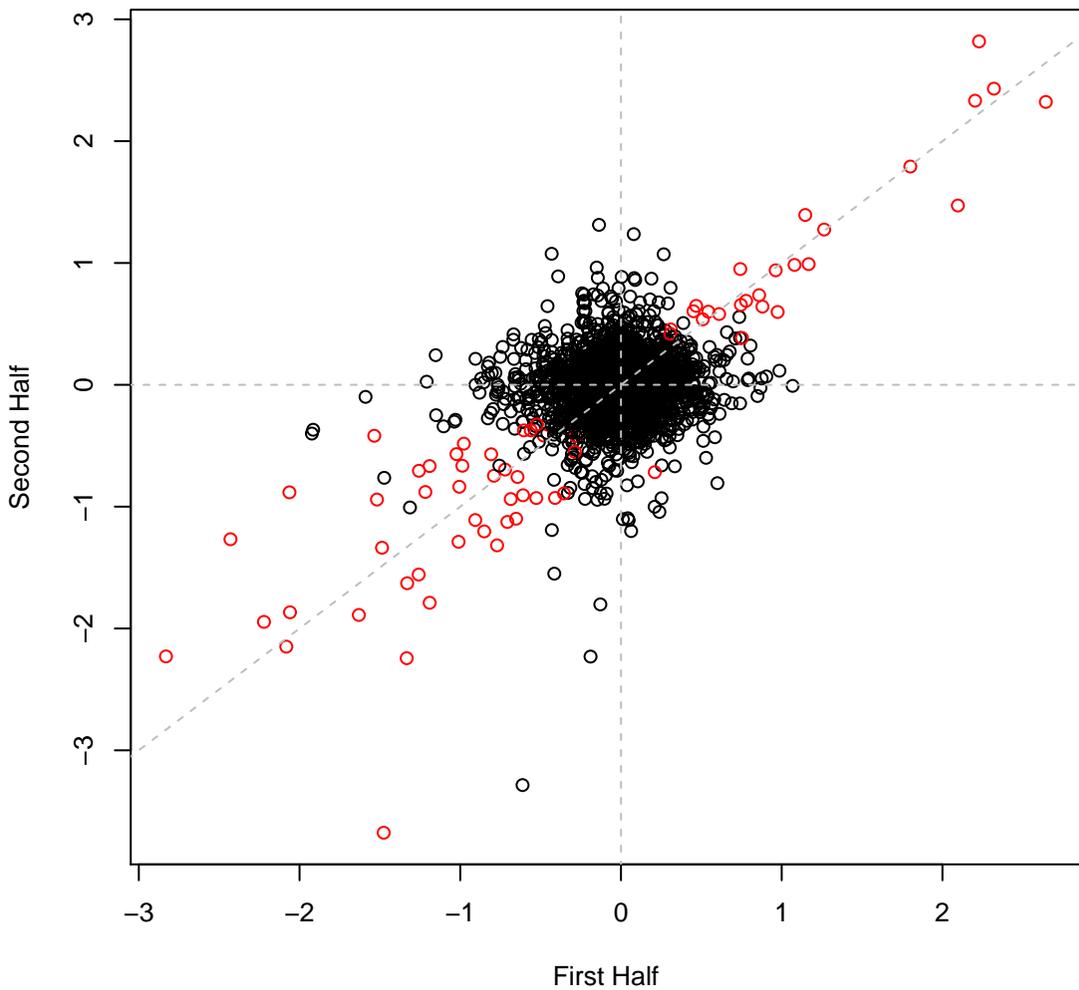


pseudo13\_GW456\_L13 set2IT086 #86 (gMed=312 rho12=0.282)  
Chloride 400 mM

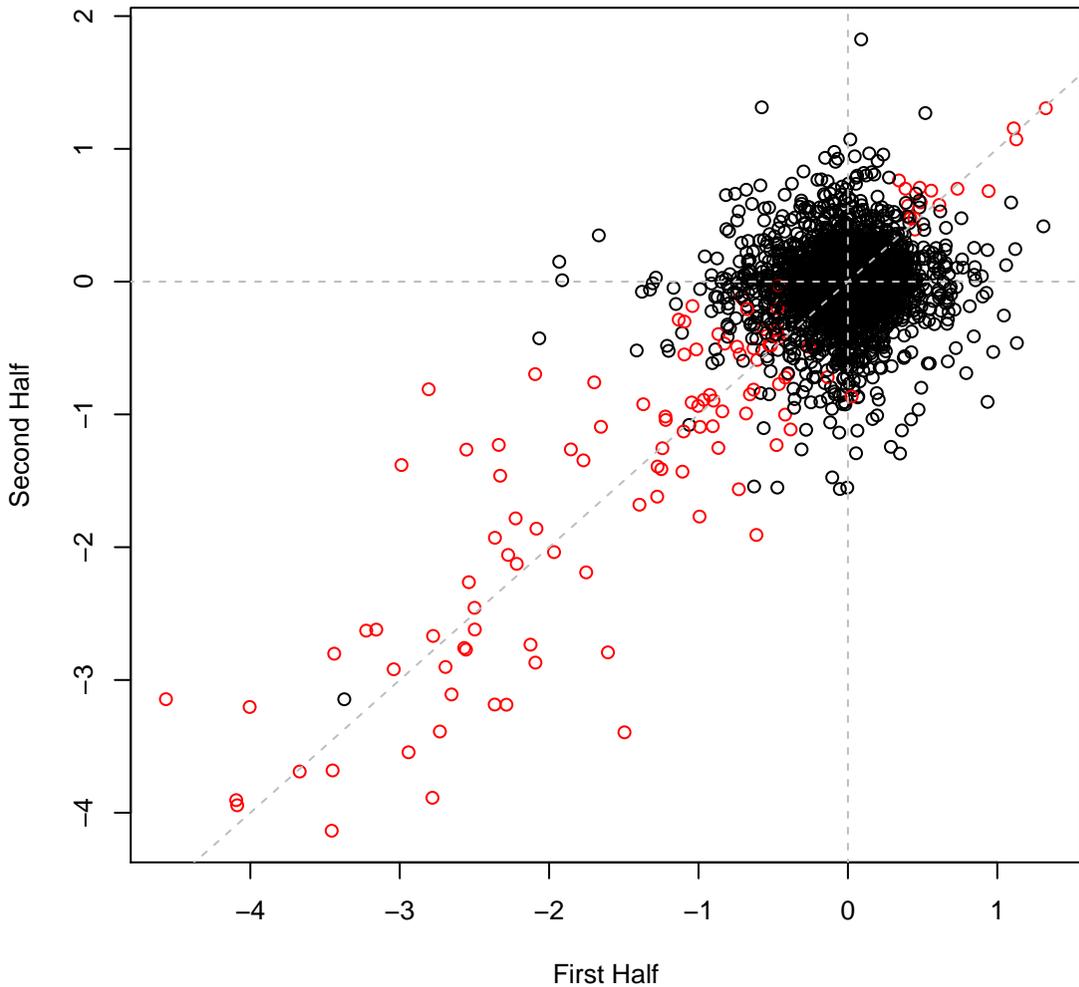


pseudo13\_GW456\_L13 set2IT087 #87 (gMed=363 rho12=0.133)

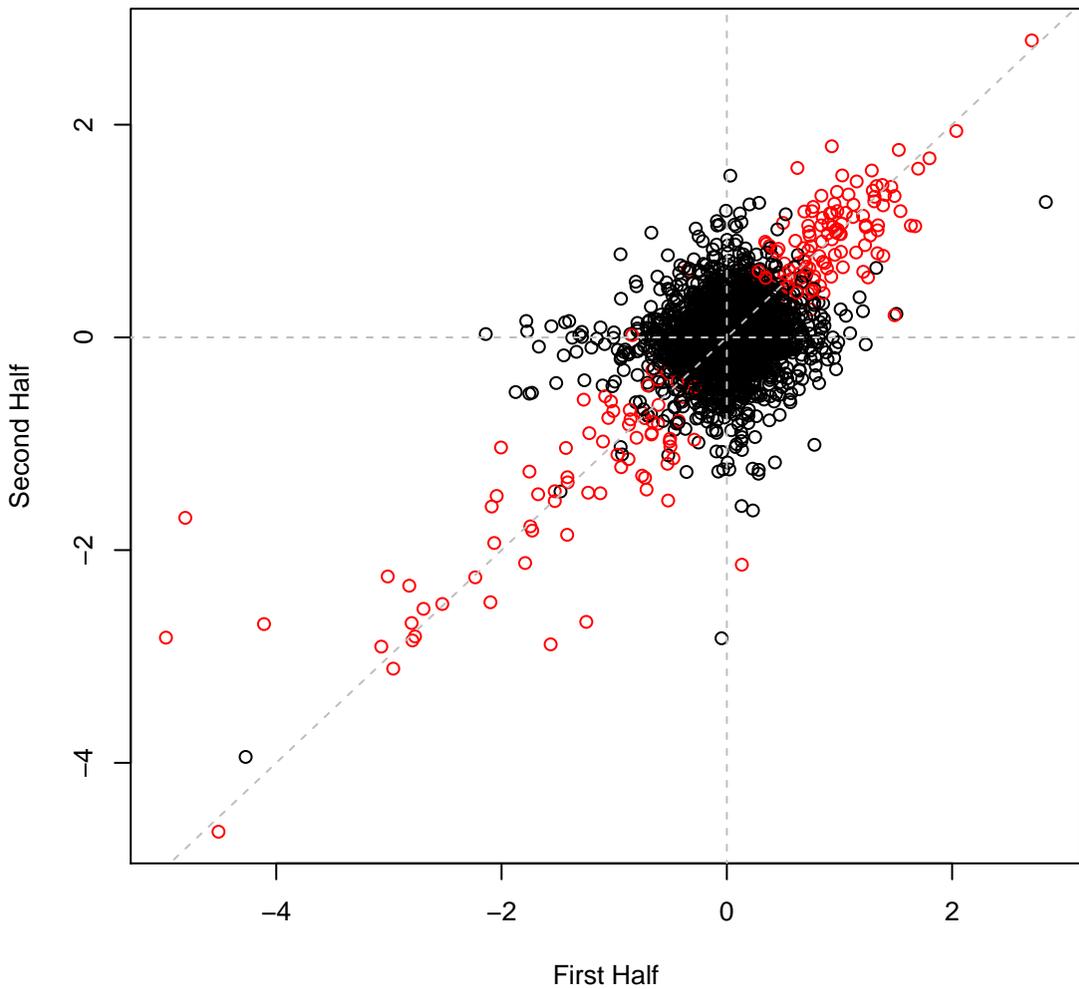
LB



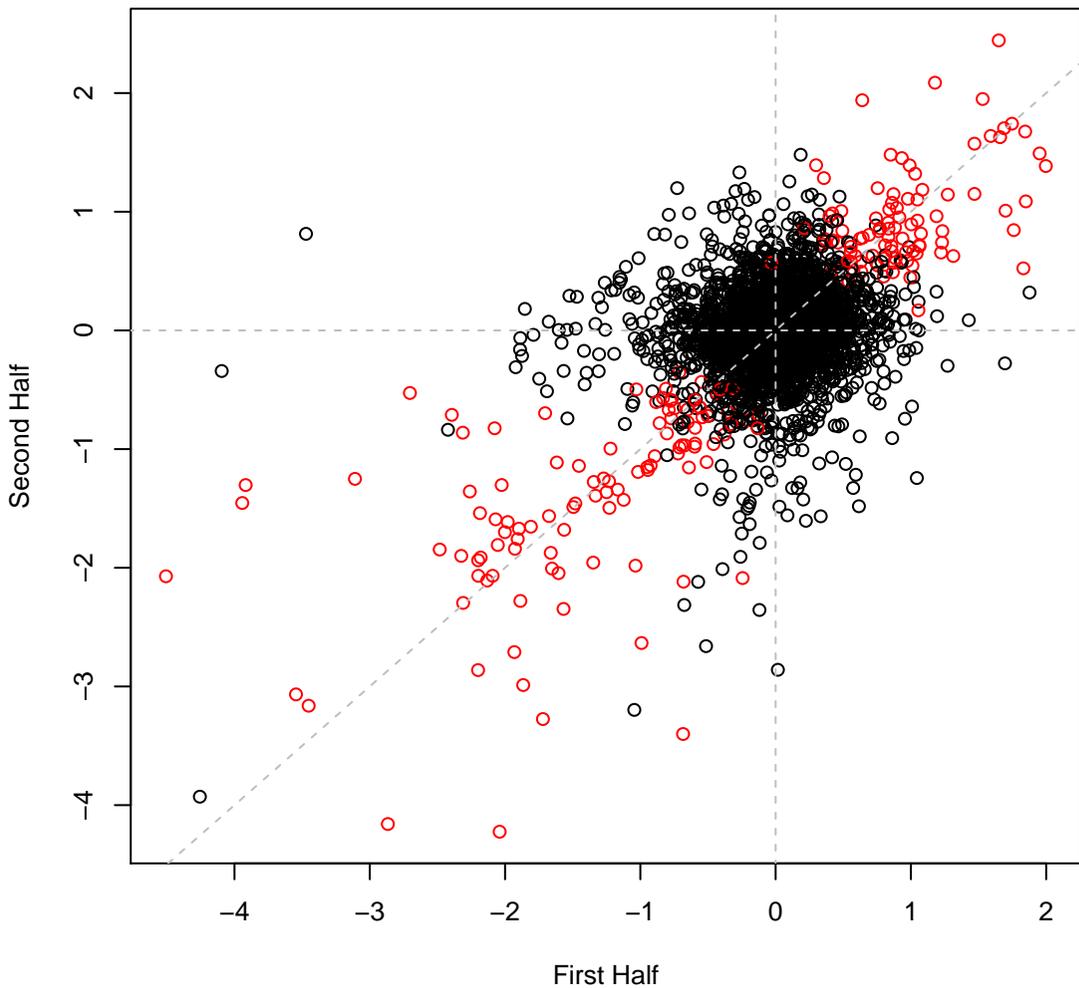
pseudo13\_GW456\_L13 set2IT088 #88 (gMed=254 rho12=0.160)  
Benzethonium chloride 0.0125 mM



pseudo13\_GW456\_L13 set2IT089 #89 (gMed=255 rho12=0.269)  
Aluminum chloride 2.5 mM

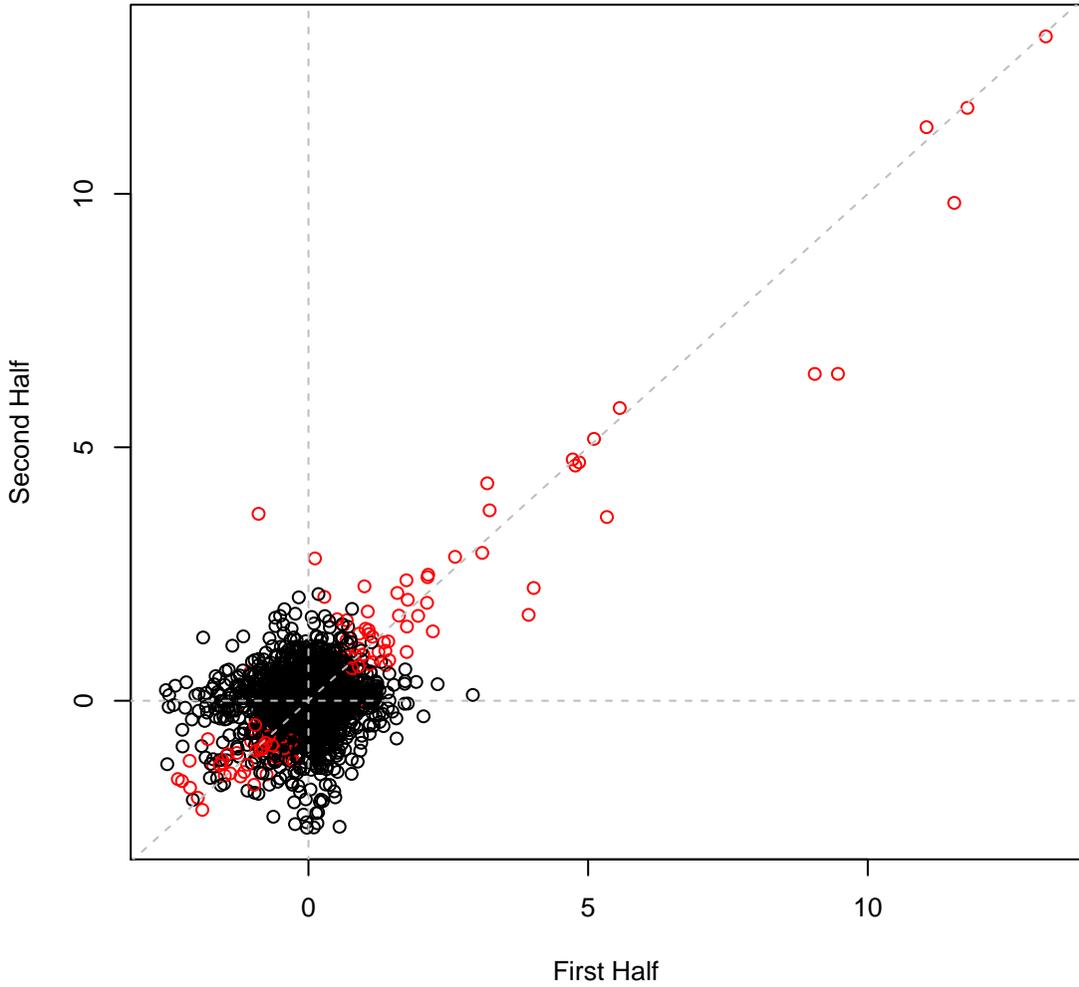


**pseudo13\_GW456\_L13 set2IT090 #90 (gMed=277 rho12=0.266)**  
**Aluminum chloride 5 mM**

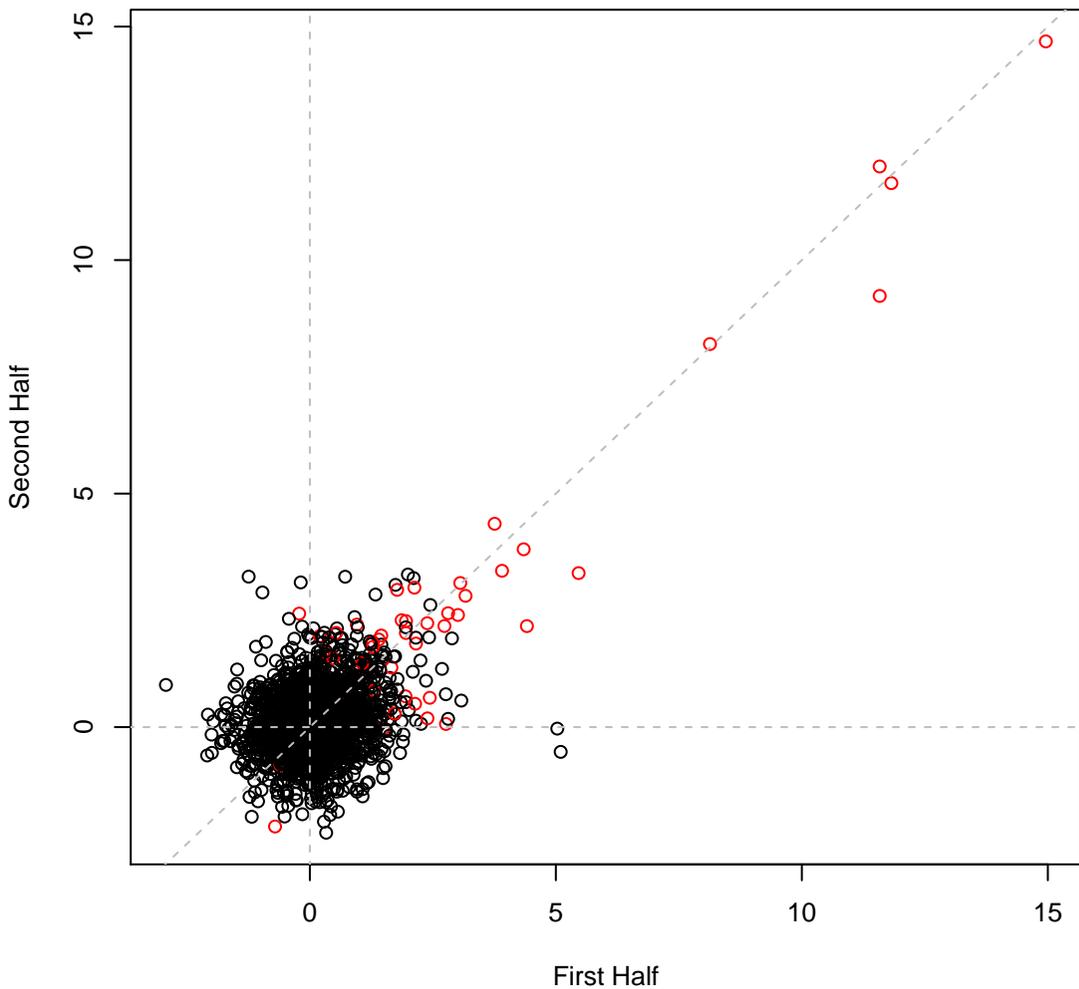


pseudo13\_GW456\_L13 set2IT091 #91 (gMed=35 rho12=0.172)

Phosphomycin 0.0001 mg/ml

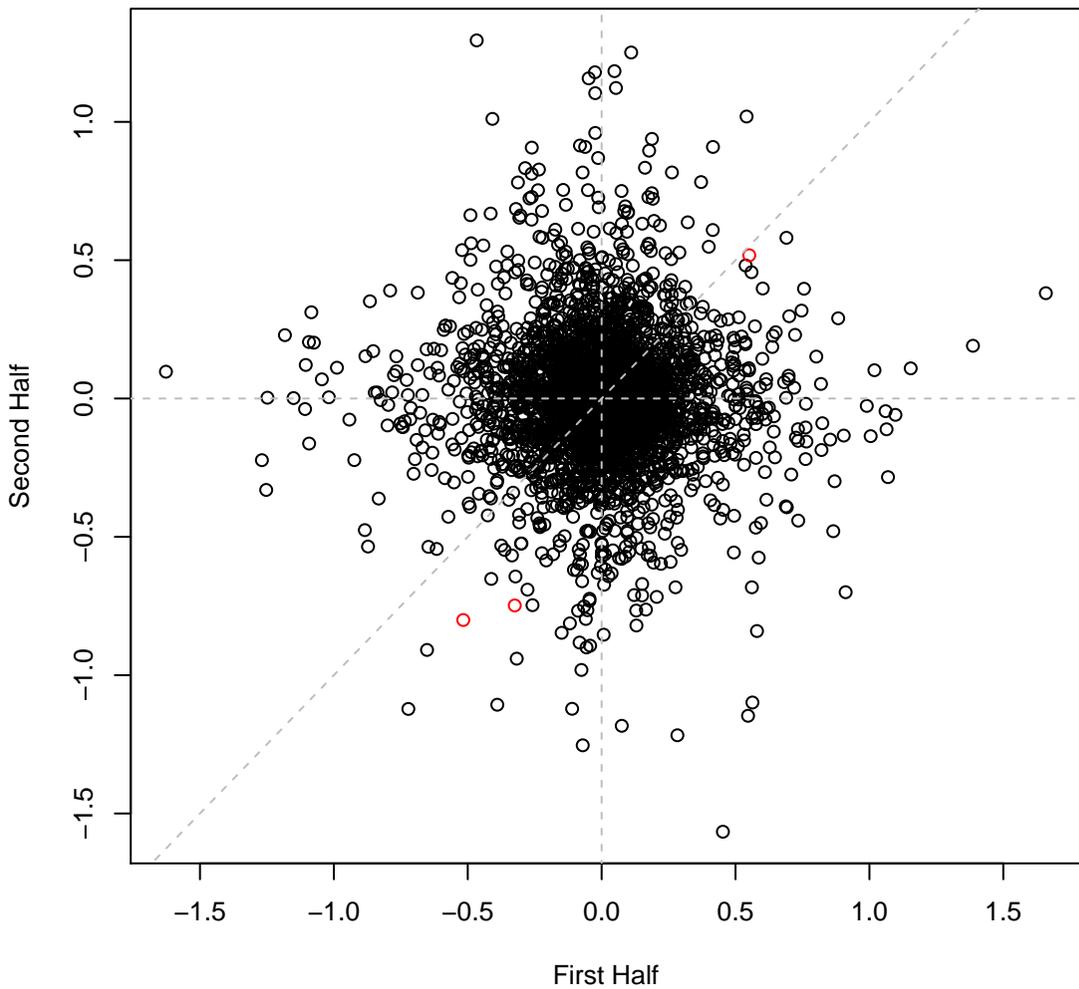


**pseudo13\_GW456\_L13 set2IT092 #92 (gMed=6 rho12=0.177)**  
**Phosphomycin 0.0005 mg/ml**



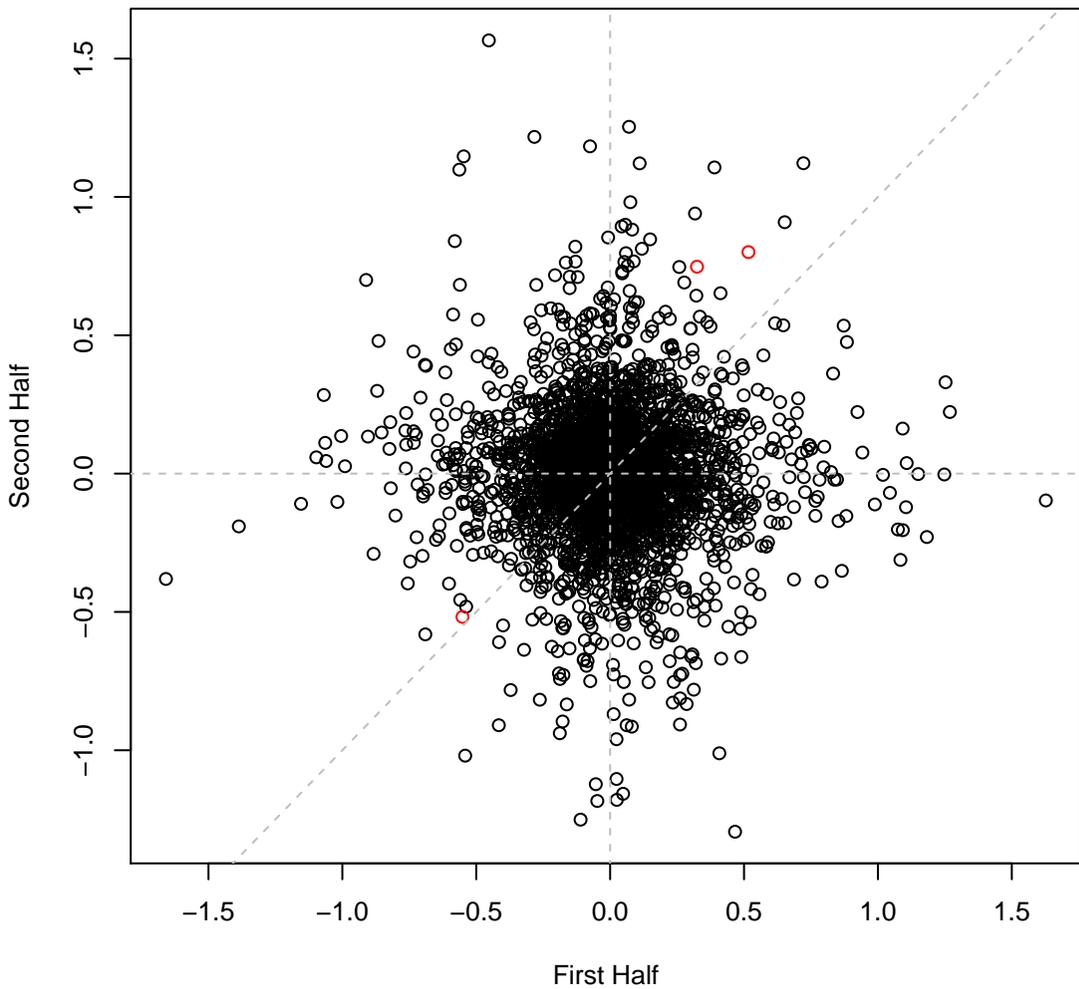
pseudo13\_GW456\_L13 set2IT093 #93 (gMed=308 rho12=-0.014)

Time0



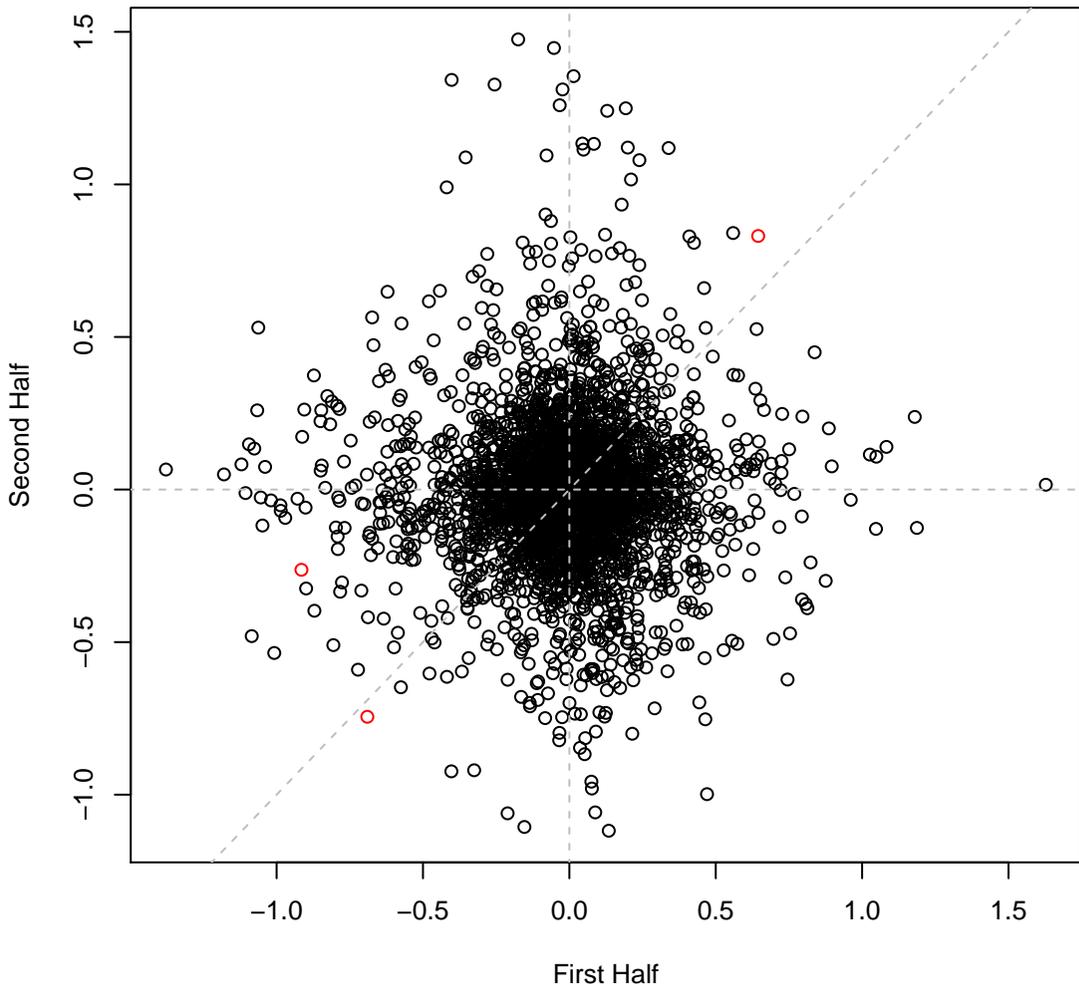
pseudo13\_GW456\_L13 set2IT094 #94 (gMed=317 rho12=-0.014)

Time0



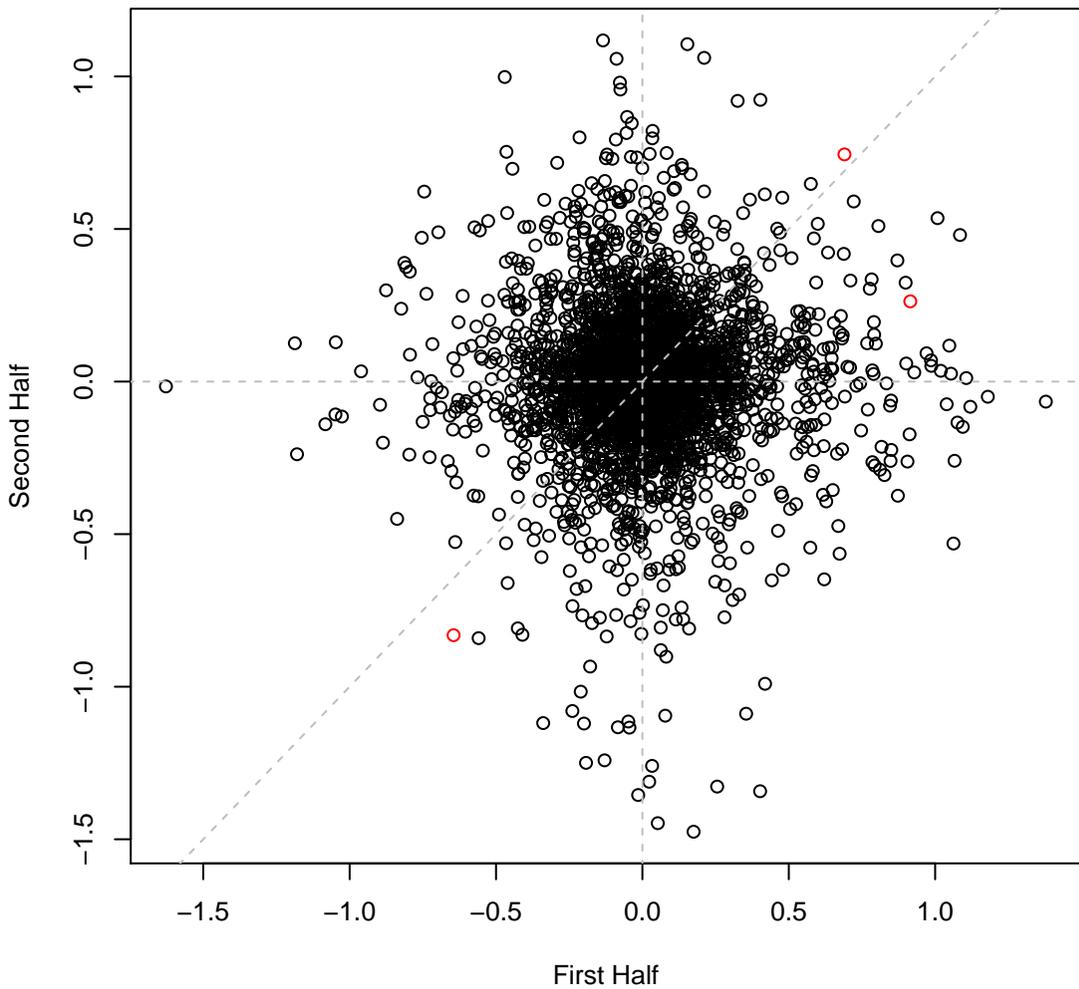
pseudo13\_GW456\_L13 set2IT095 #95 (gMed=304 rho12=0.017)

Time0



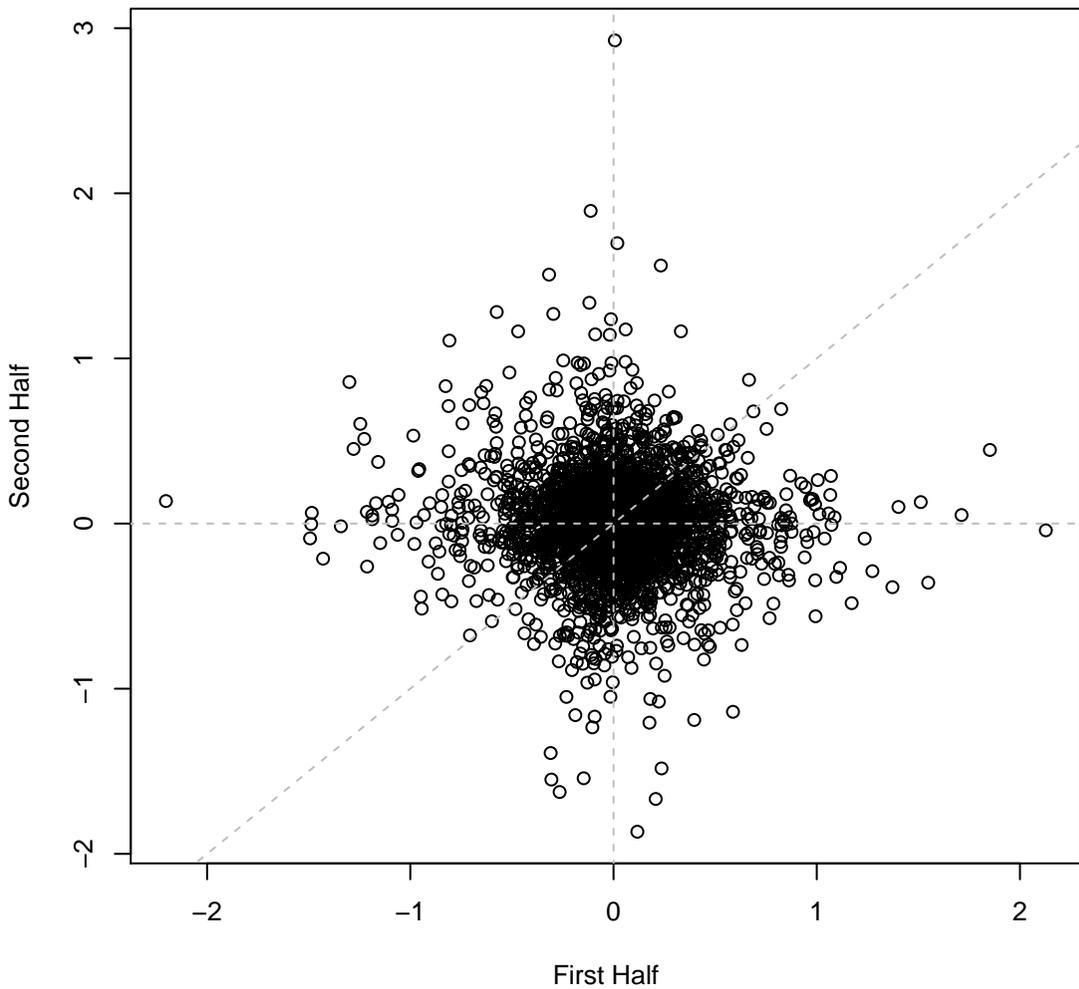
pseudo13\_GW456\_L13 set2IT096 #96 (gMed=298 rho12=0.017)

Time0



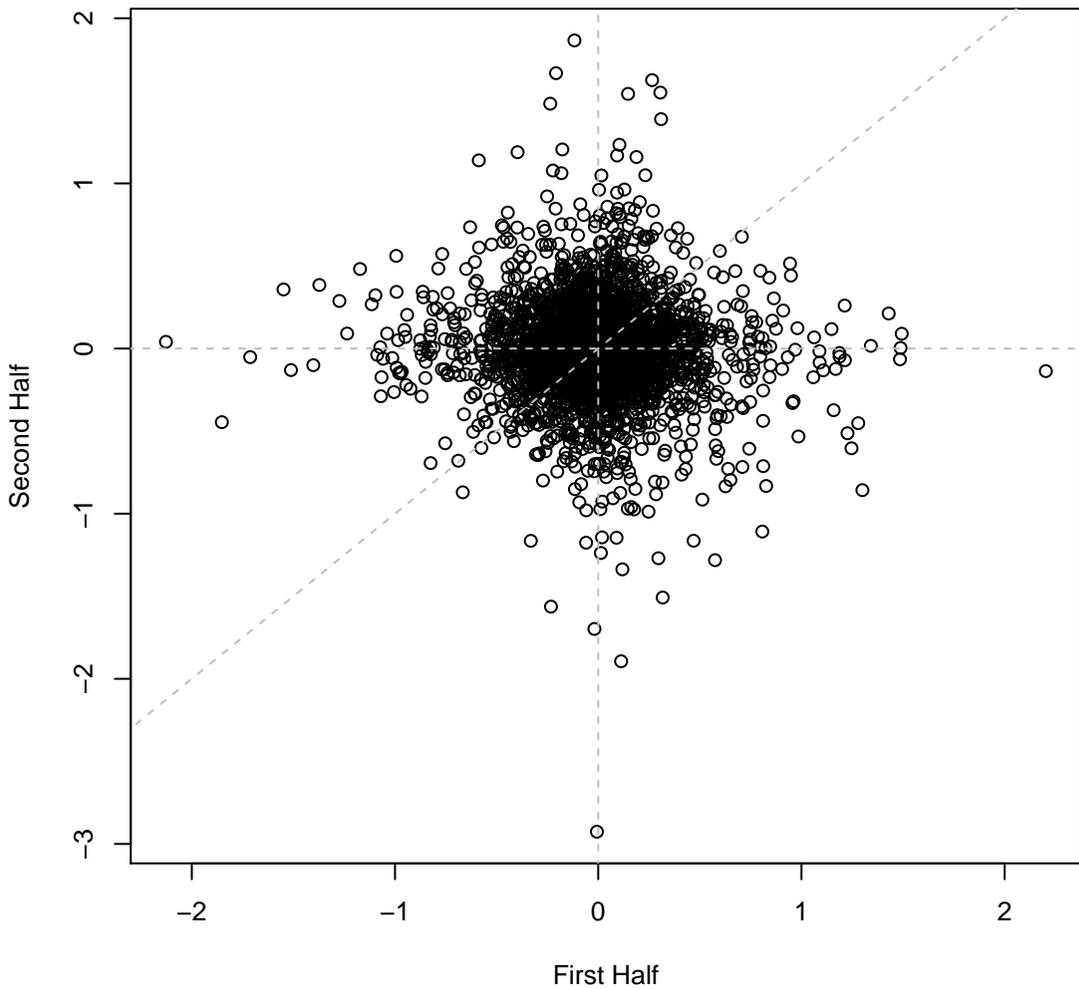
pseudo13\_GW456\_L13 set3IT047 #97 (gMed=217 rho12=-0.021)

Time0

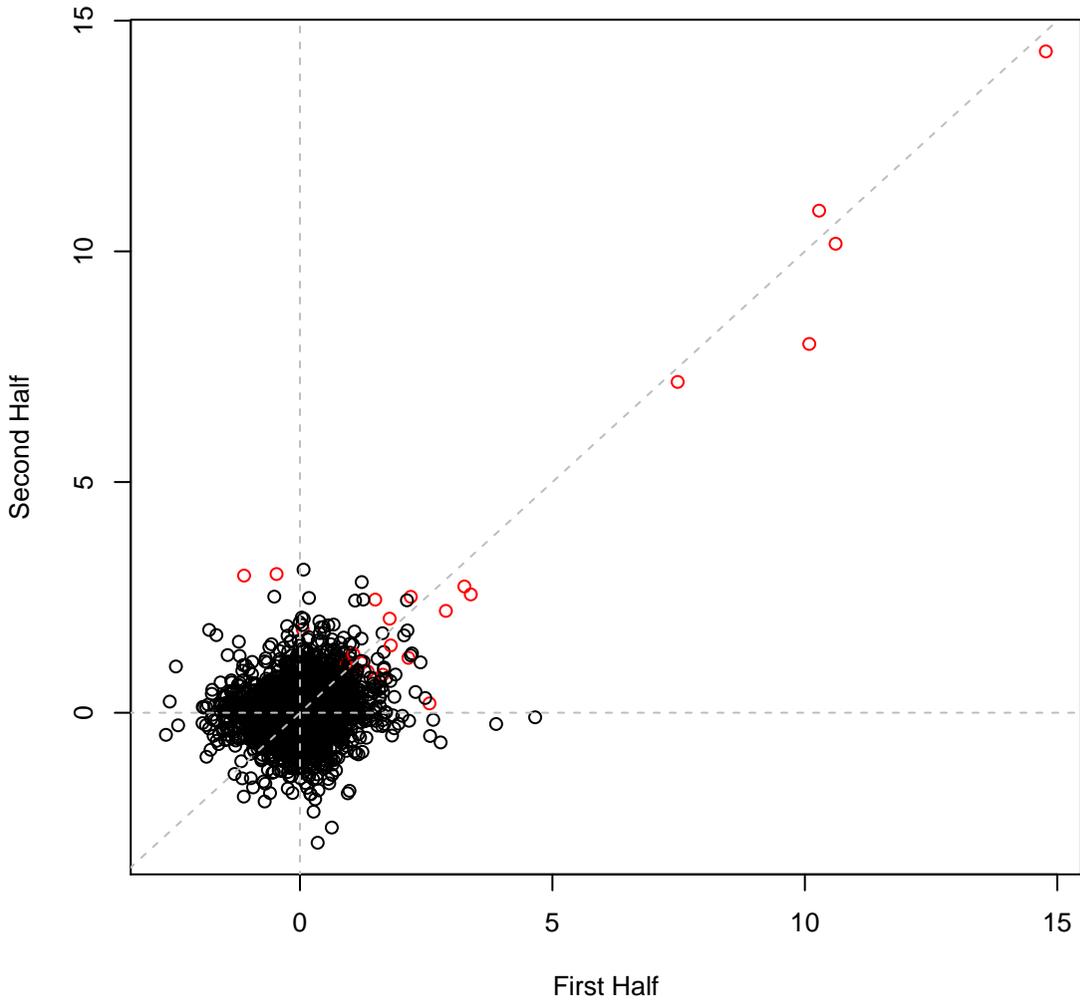


pseudo13\_GW456\_L13 set3IT048 #98 (gMed=223 rho12=-0.021)

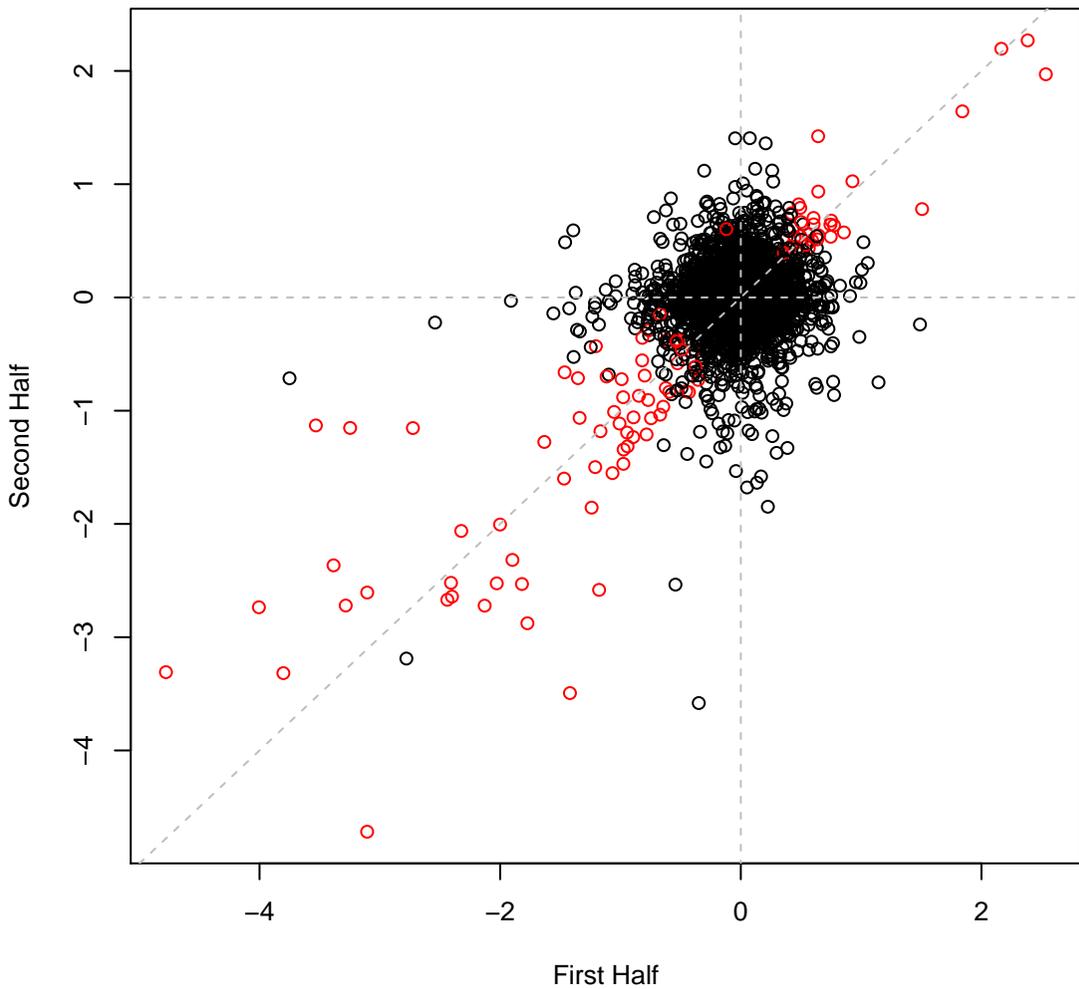
Time0



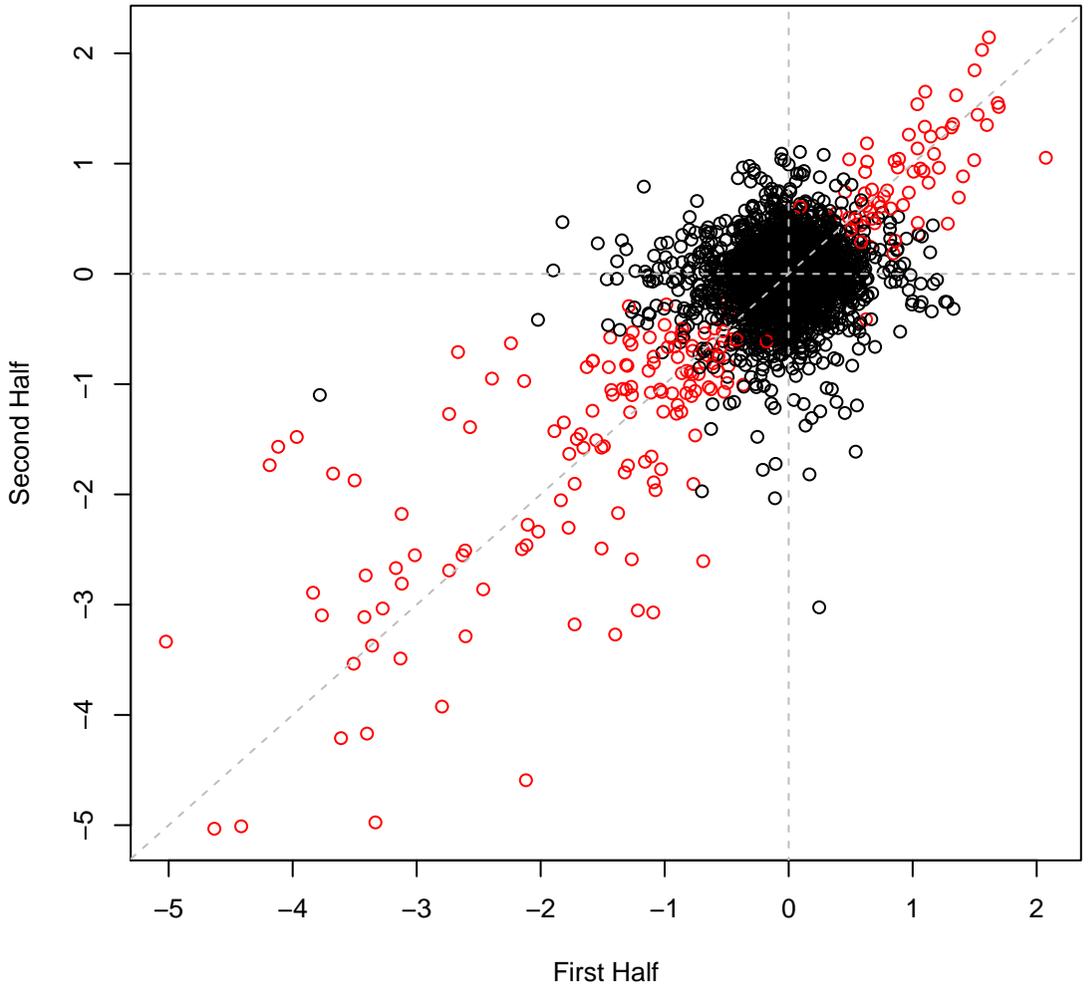
pseudo13\_GW456\_L13 set3IT049 #99 (gMed=11 rho12=0.141)  
Phosphomycin 0.001 mg/ml



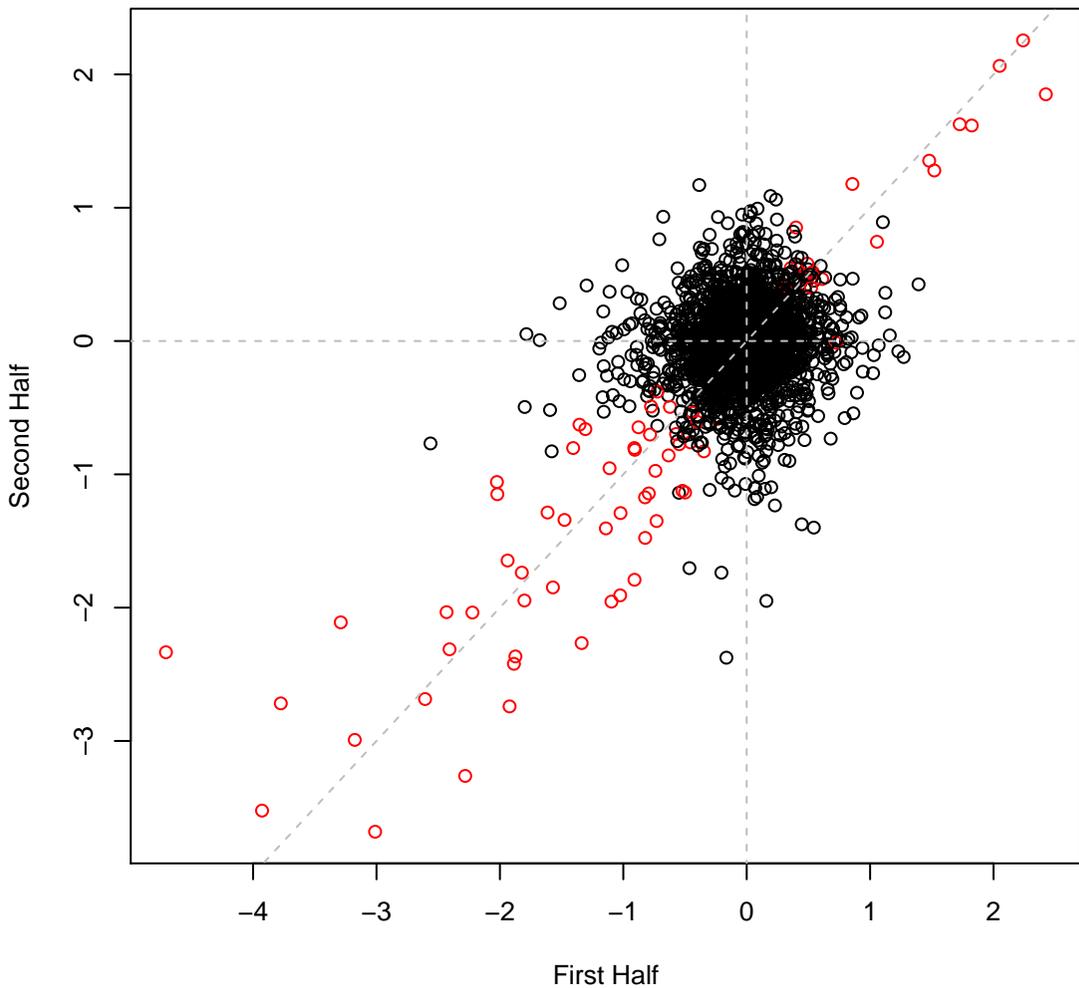
**pseudo13\_GW456\_L13 set3IT050 #100 (gMed=256 rho12=0.154)**  
**Bacitracin 0.5 mg/ml**



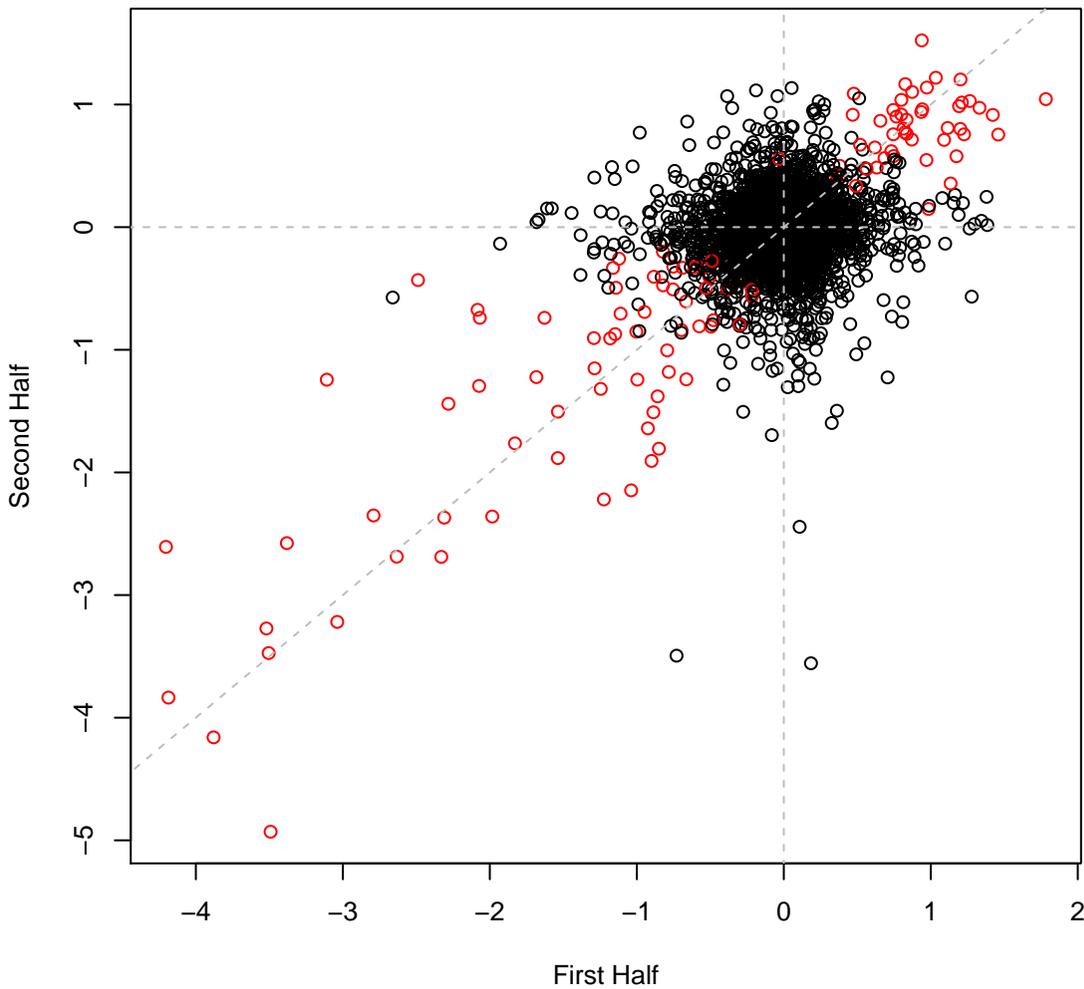
**pseudo13\_GW456\_L13 set3IT051 #101 (gMed=231 rho12=0.236)**  
**Bacitracin 1 mg/ml**



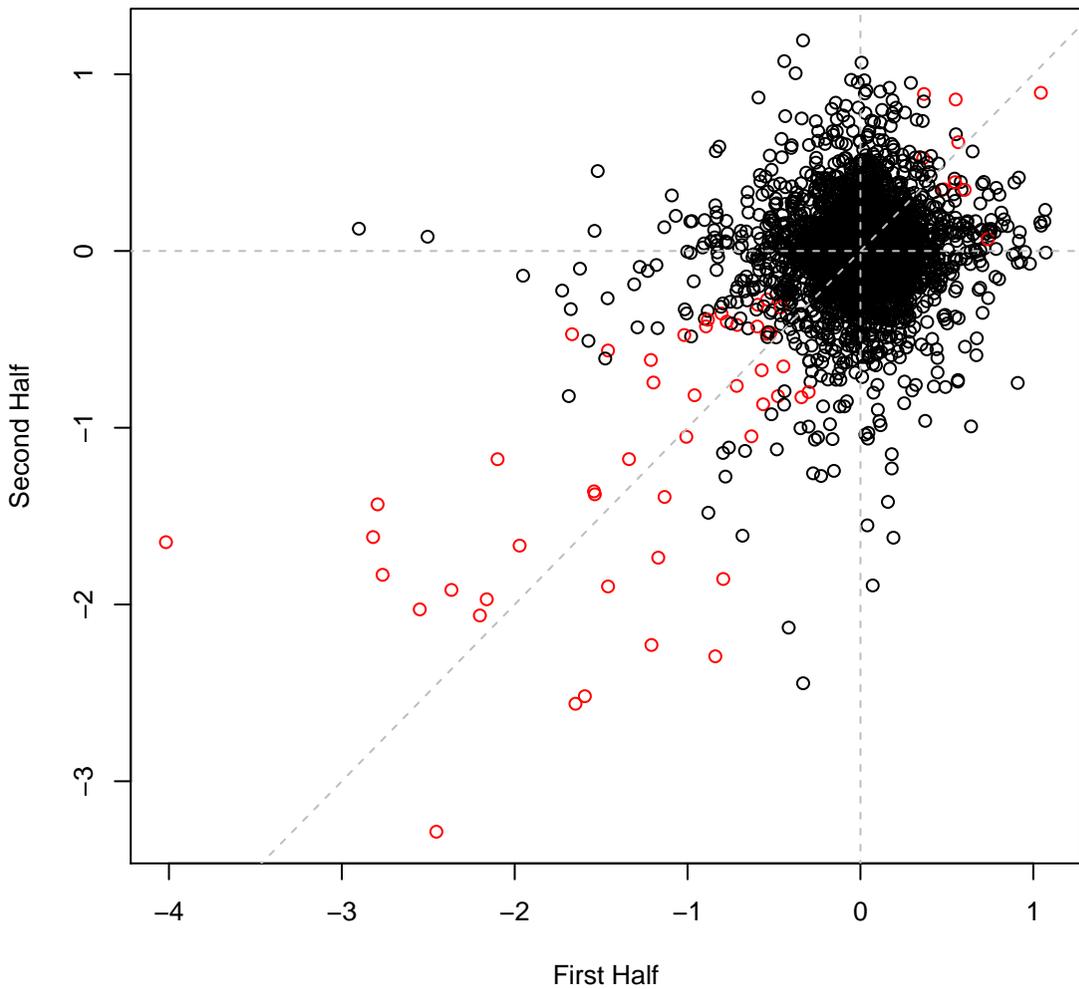
**pseudo13\_GW456\_L13 set3IT052 #102 (gMed=217 rho12=0.145)**  
**Fusidic 0.03 mg/ml**



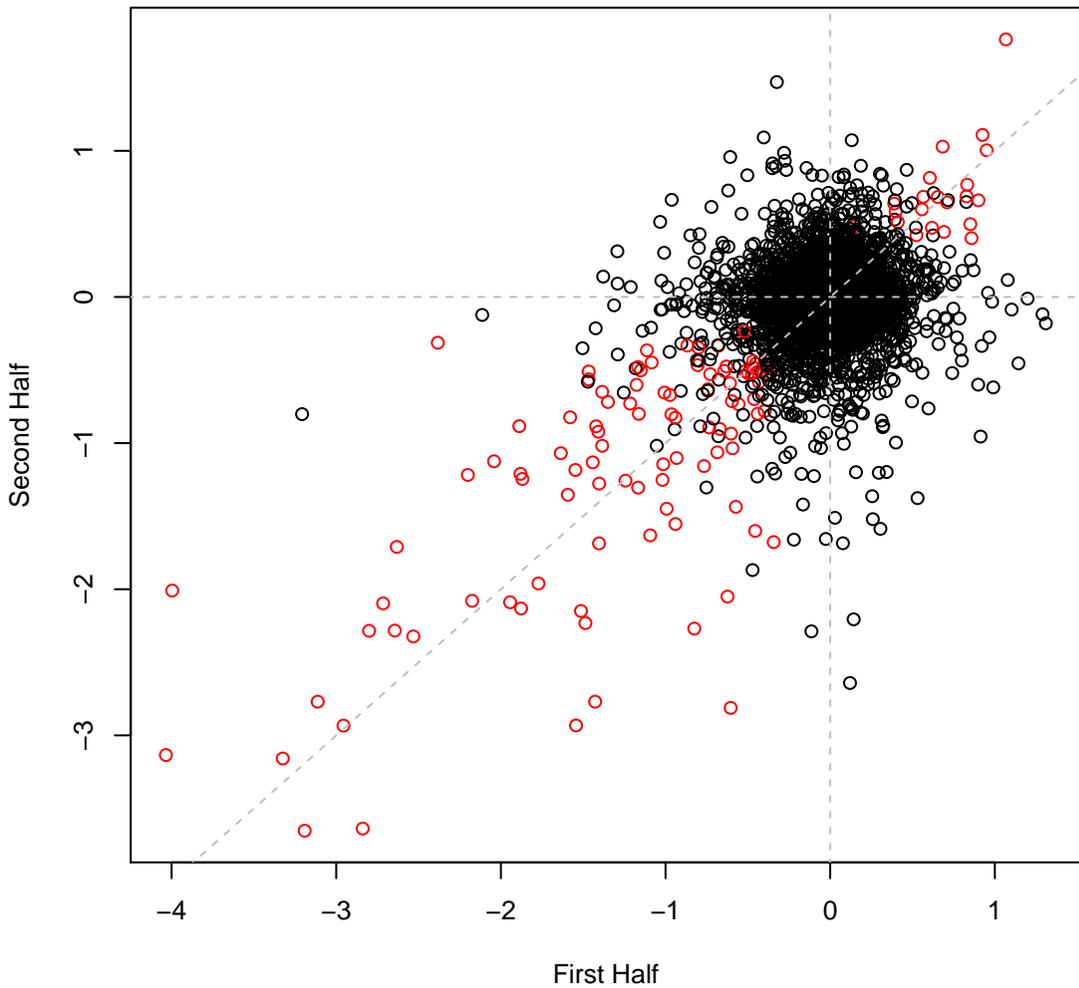
**pseudo13\_GW456\_L13 set3IT053 #103 (gMed=222 rho12=0.168)**  
**Fusidic 0.08 mg/ml**



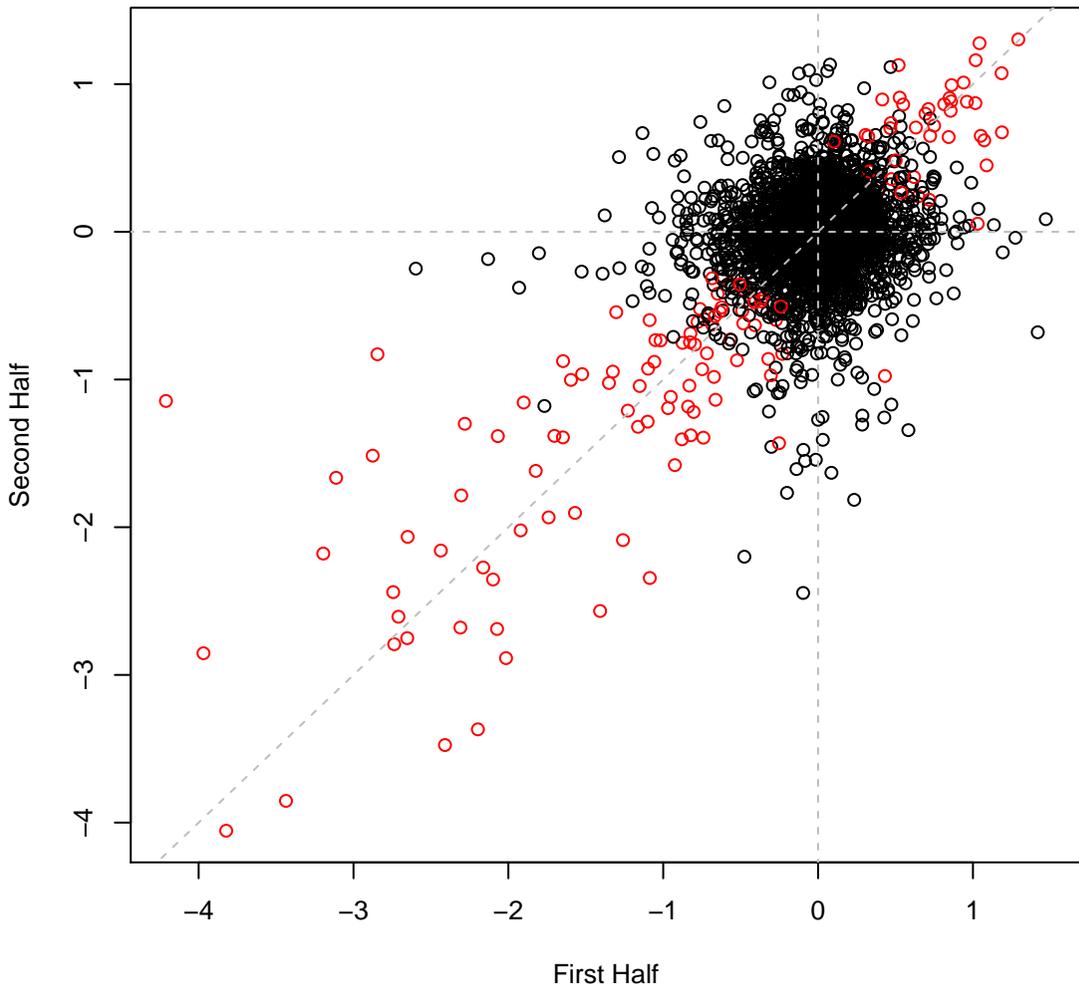
**pseudo13\_GW456\_L13 set3IT054 #104 (gMed=262 rho12=0.087)**  
**Dimethyl Sulfoxide 5 vol%**



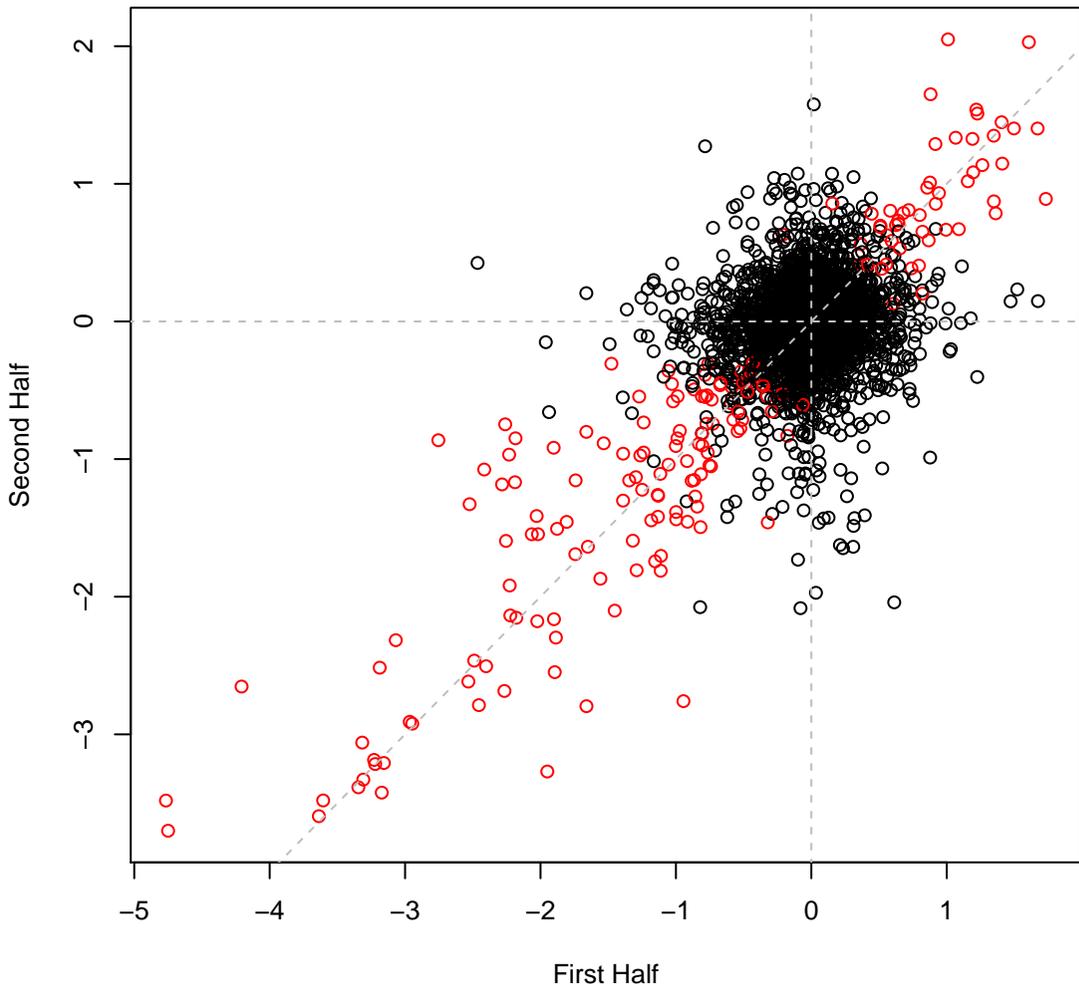
**pseudo13\_GW456\_L13 set3IT055 #105 (gMed=283 rho12=0.180)**  
**Dimethyl Sulfoxide 7.5 vol%**



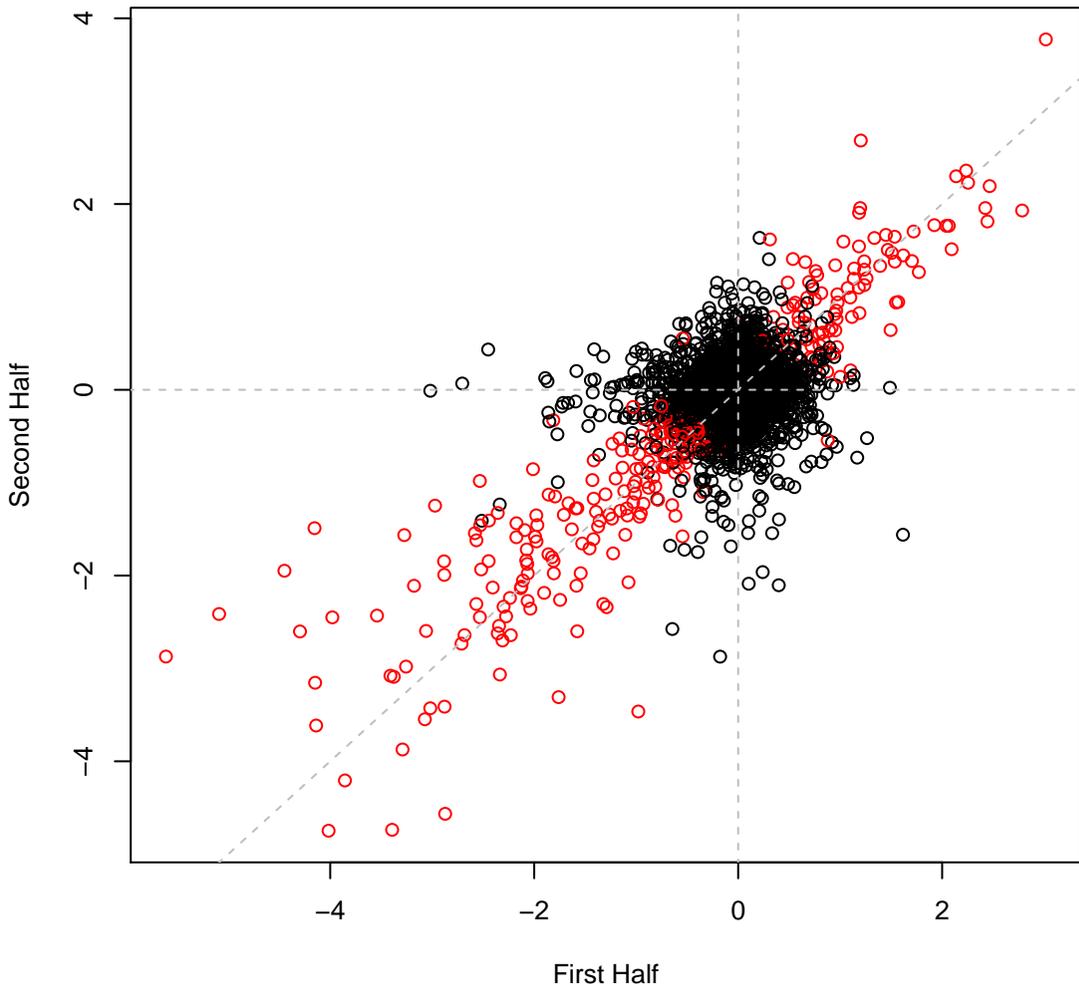
pseudo13\_GW456\_L13 set3IT056 #106 (gMed=263 rho12=0.196)  
Vancomycin 0.125 mg/ml



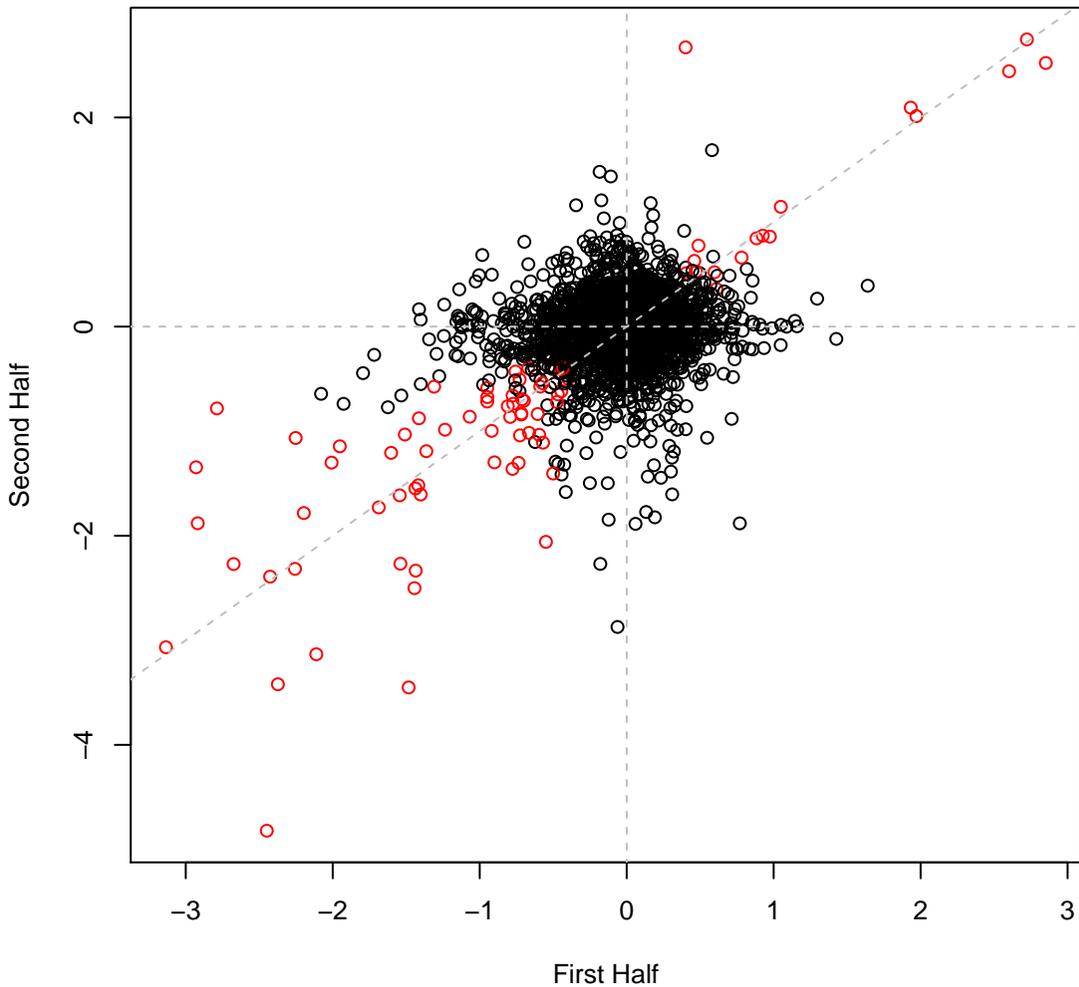
**pseudo13\_GW456\_L13 set3IT057 #107 (gMed=210 rho12=0.236)**  
**Vancomycin 0.25 mg/ml**



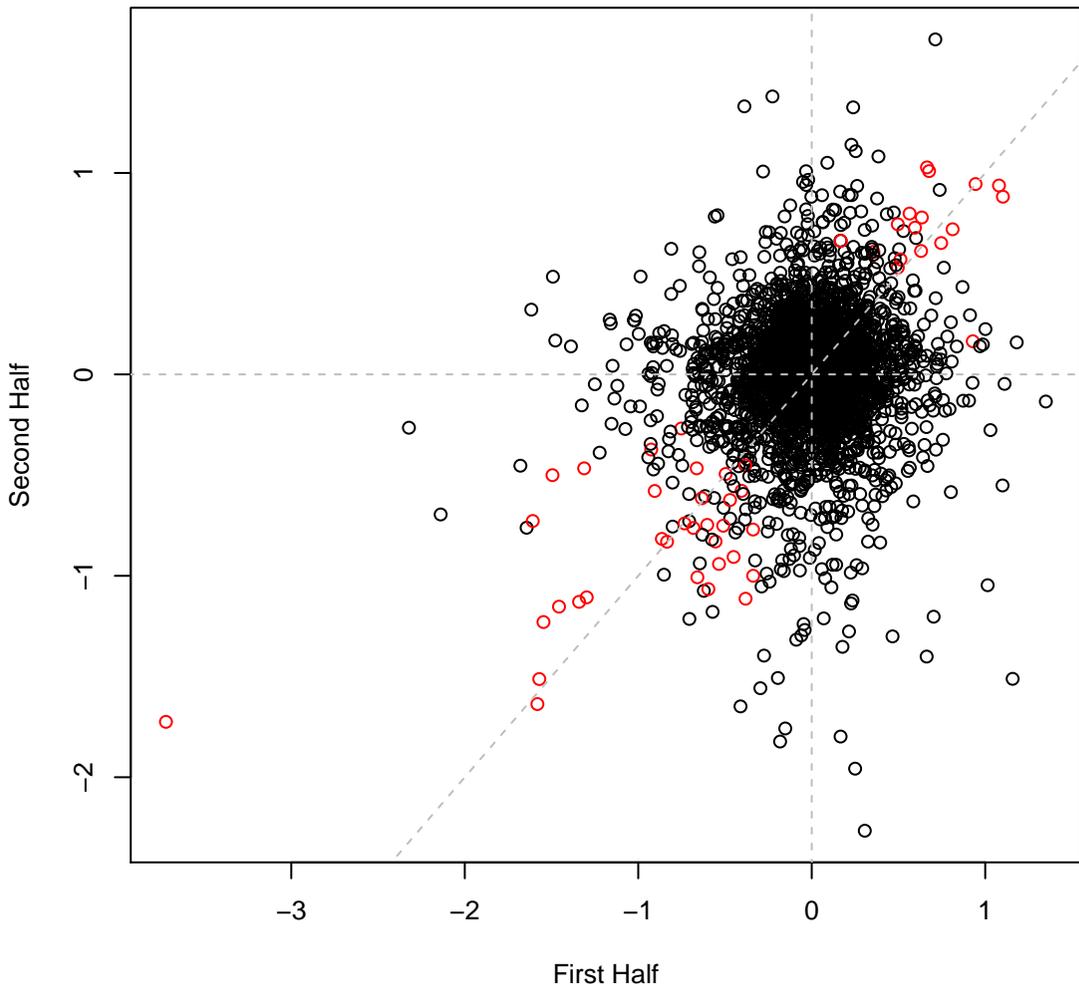
**pseudo13\_GW456\_L13 set3IT058 #108 (gMed=228 rho12=0.312)**  
**Vancomycin 0.5 mg/ml**



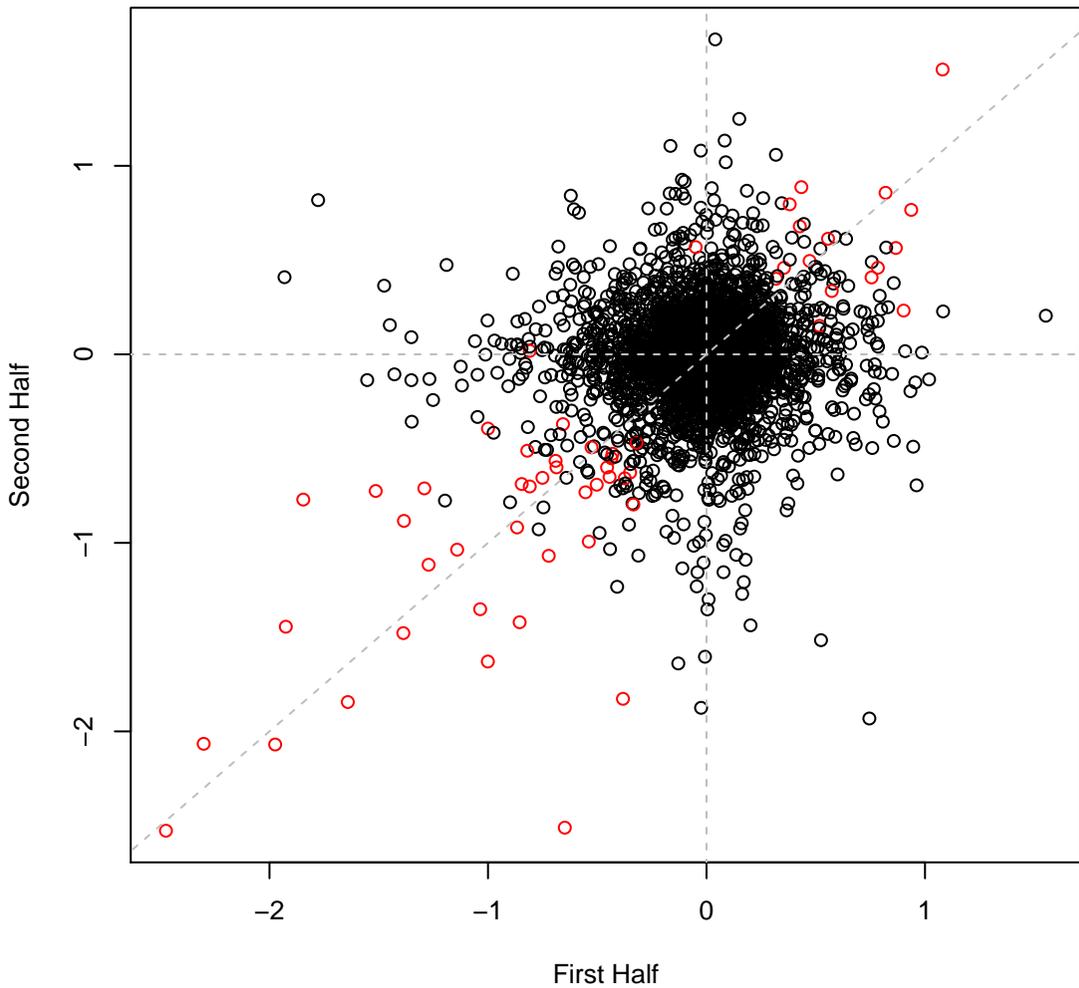
**pseudo13\_GW456\_L13 set3IT059 #109 (gMed=227 rho12=0.163)**  
**Cephalothin 3 mg/ml**



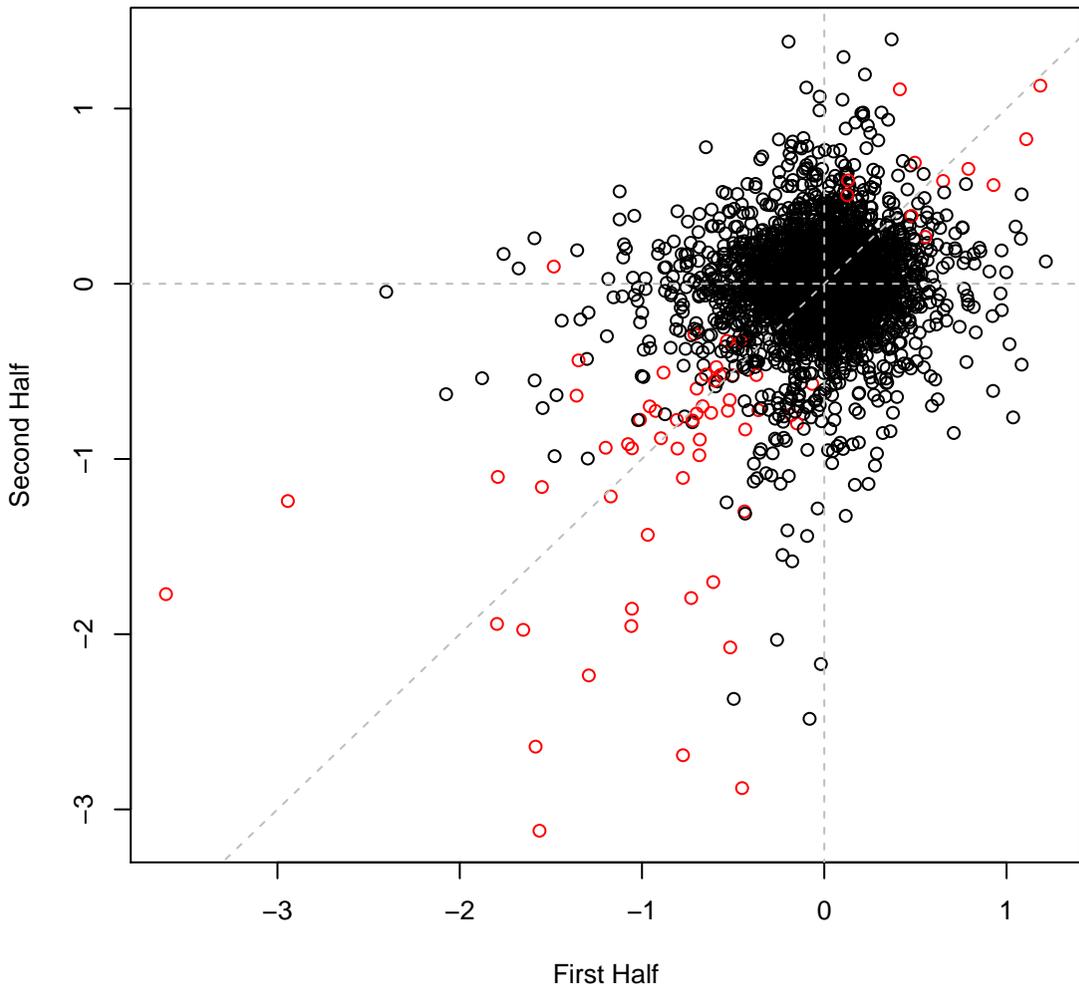
pseudo13\_GW456\_L13 set3IT060 #110 (gMed=216 rho12=0.099)  
A22 0.01 mg/ml



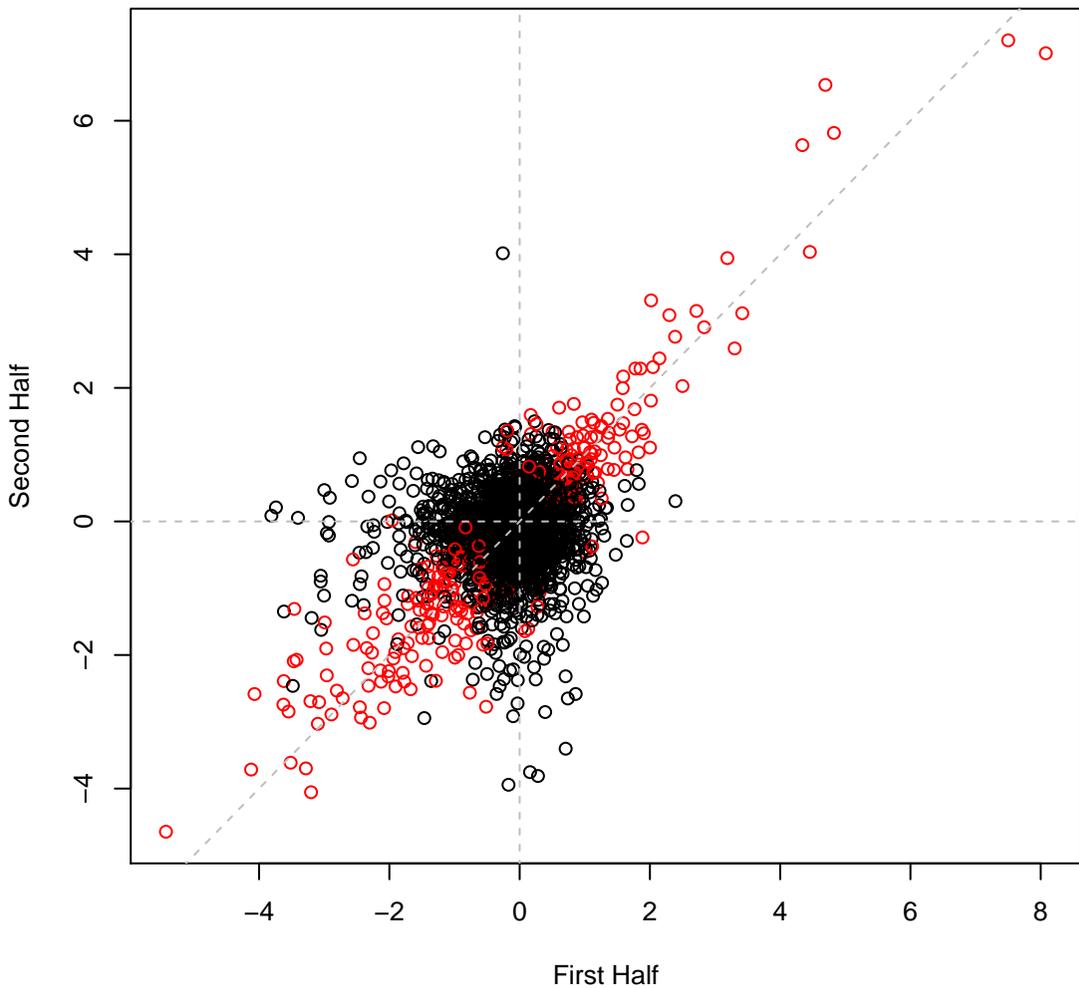
**pseudo13\_GW456\_L13 set3IT061 #111 (gMed=254 rho12=0.079)**  
**A22 0.02 mg/ml**



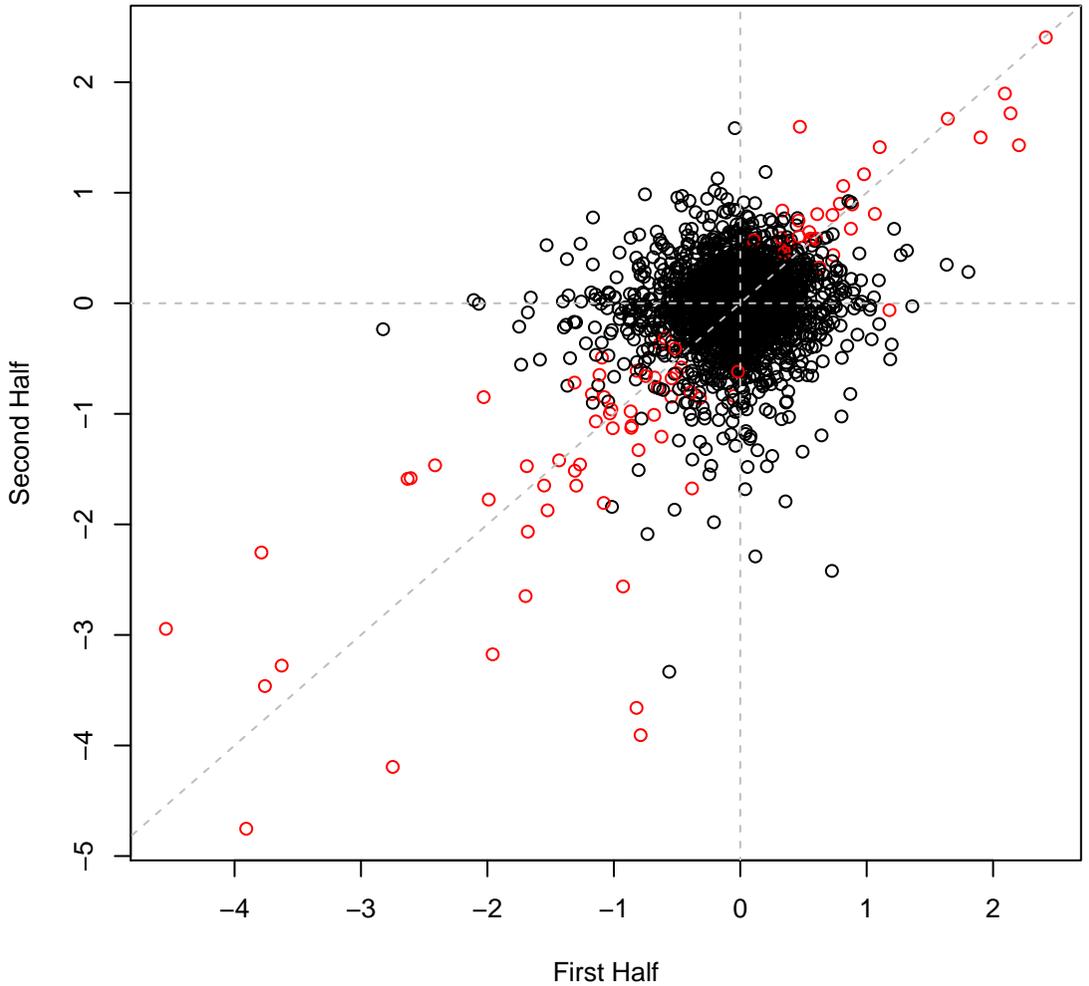
**pseudo13\_GW456\_L13 set3IT062 #112 (gMed=255 rho12=0.119)**  
**A22 0.04 mg/ml**



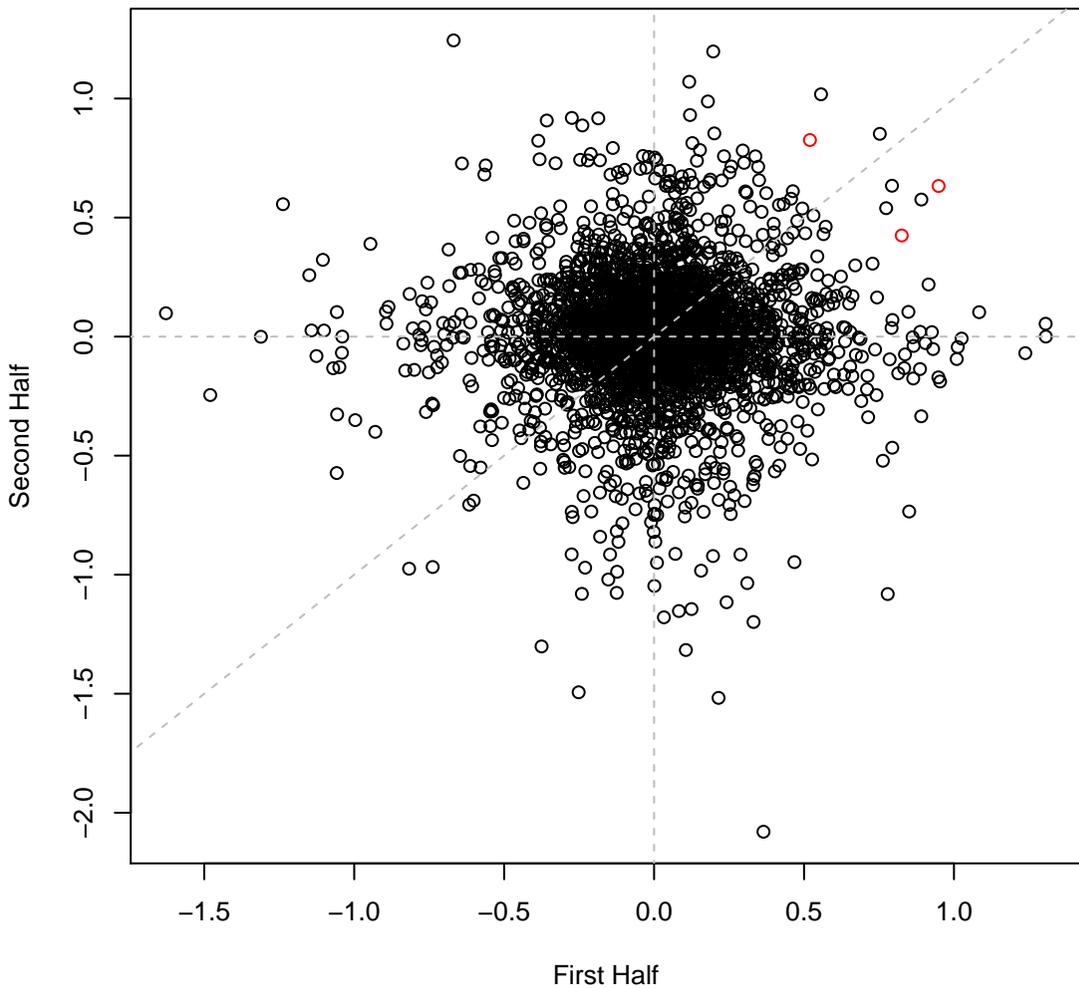
**pseudo13\_GW456\_L13 set3IT063 #113 (gMed=133 rho12=0.265)**  
**Lomefloxacin 0.0004 mM**



**pseudo13\_GW456\_L13 set3IT064 #114 (gMed=208 rho12=0.137)**  
**D-Cycloserine 0.125 mg/ml**

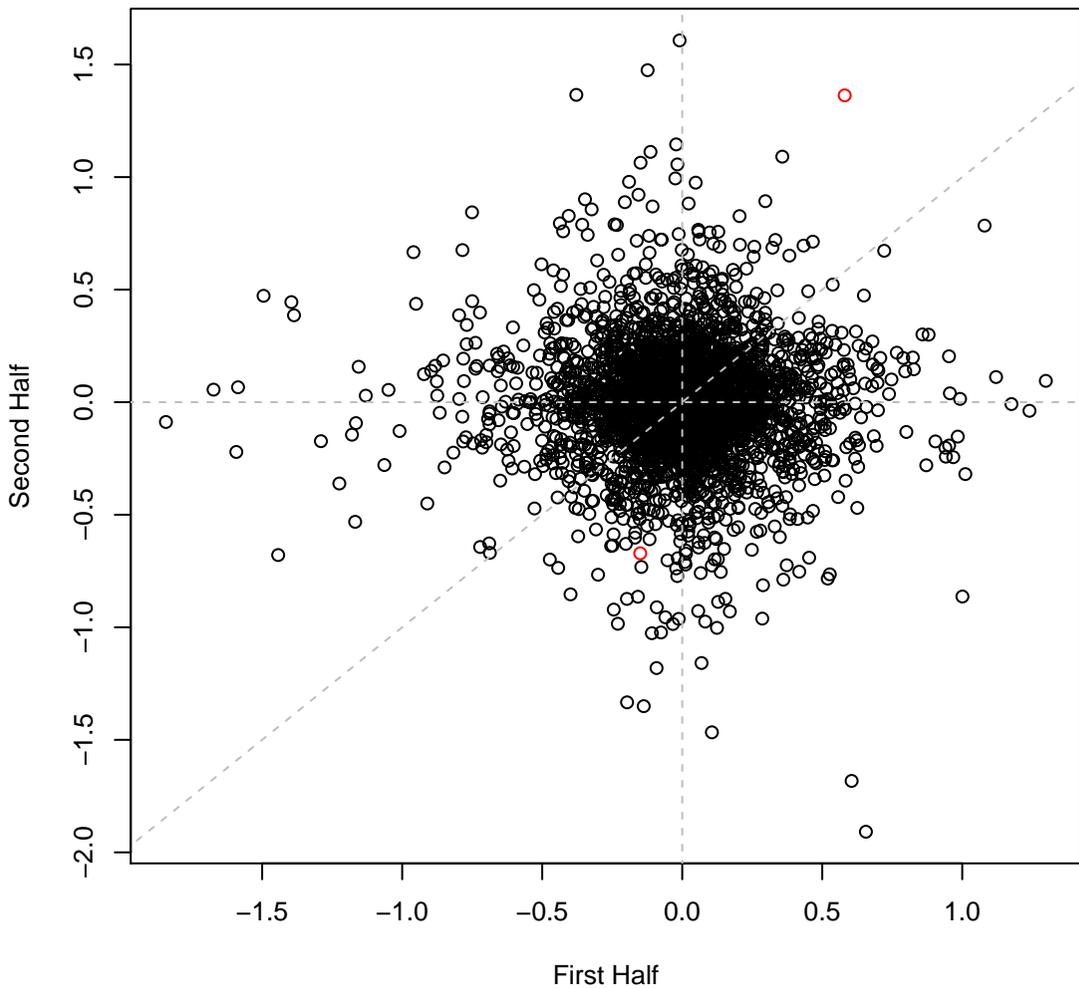


pseudo13\_GW456\_L13 set3IT065 #115 (gMed=220 rho12=0.005)  
Time0

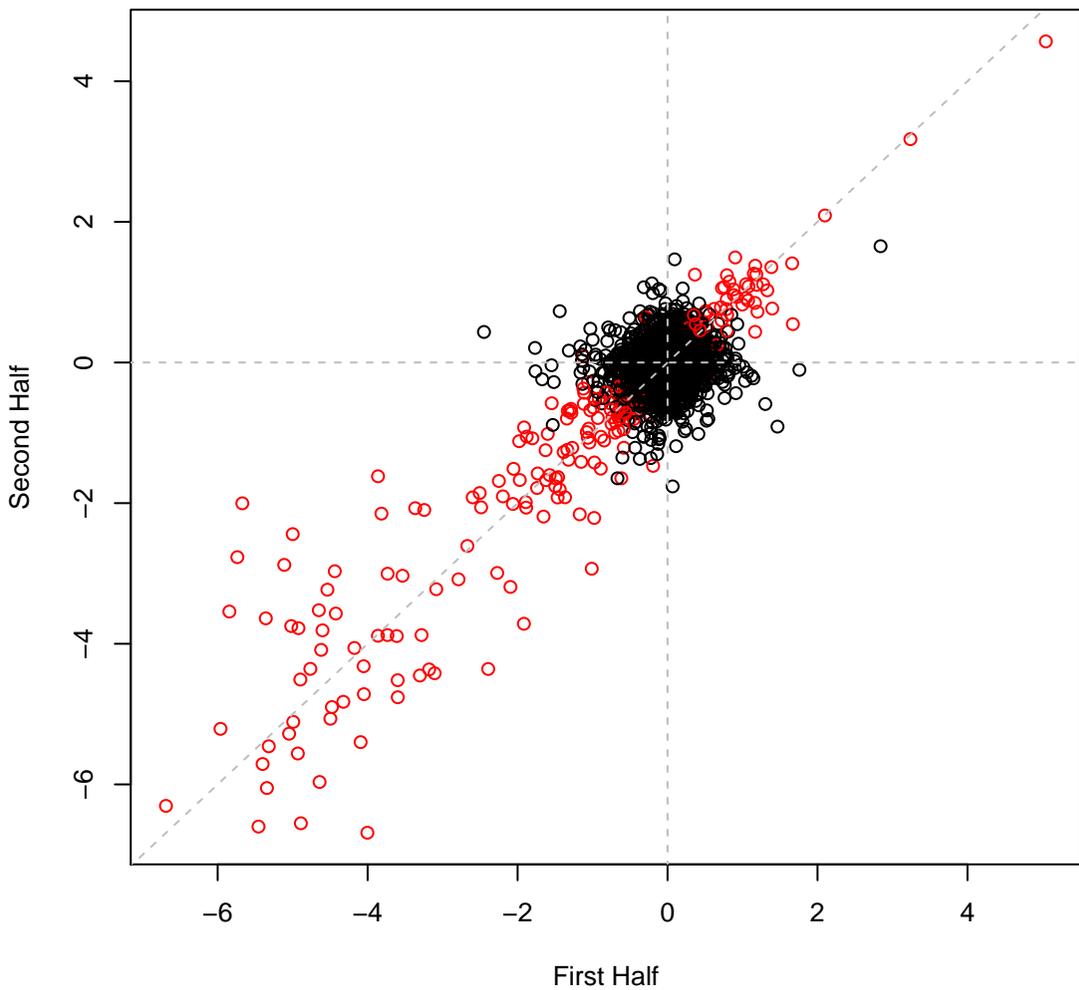


pseudo13\_GW456\_L13 set3IT066 #116 (gMed=218 rho12=-0.015)

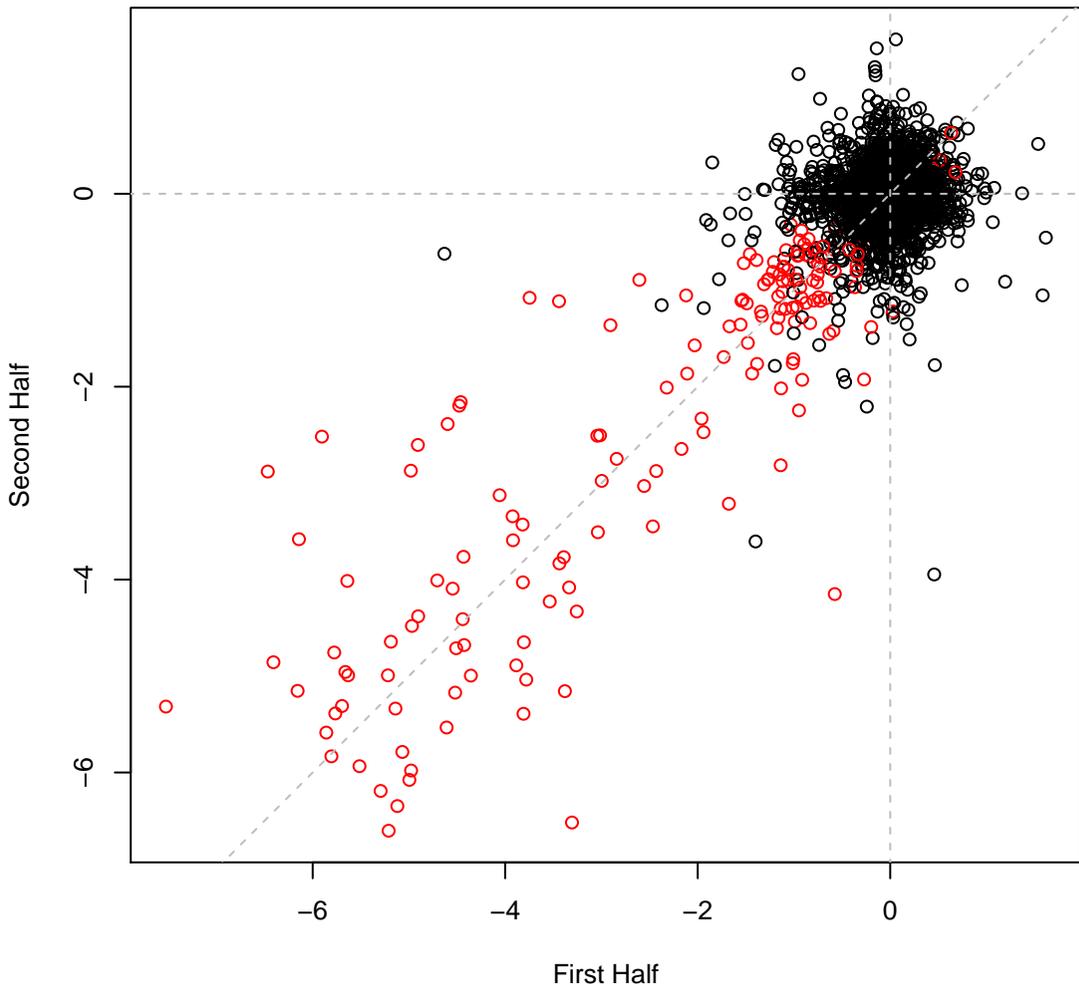
Time0



pseudo13\_GW456\_L13 set3IT067 #117 (gMed=299 rho12=0.276)  
L-Arginine (N)

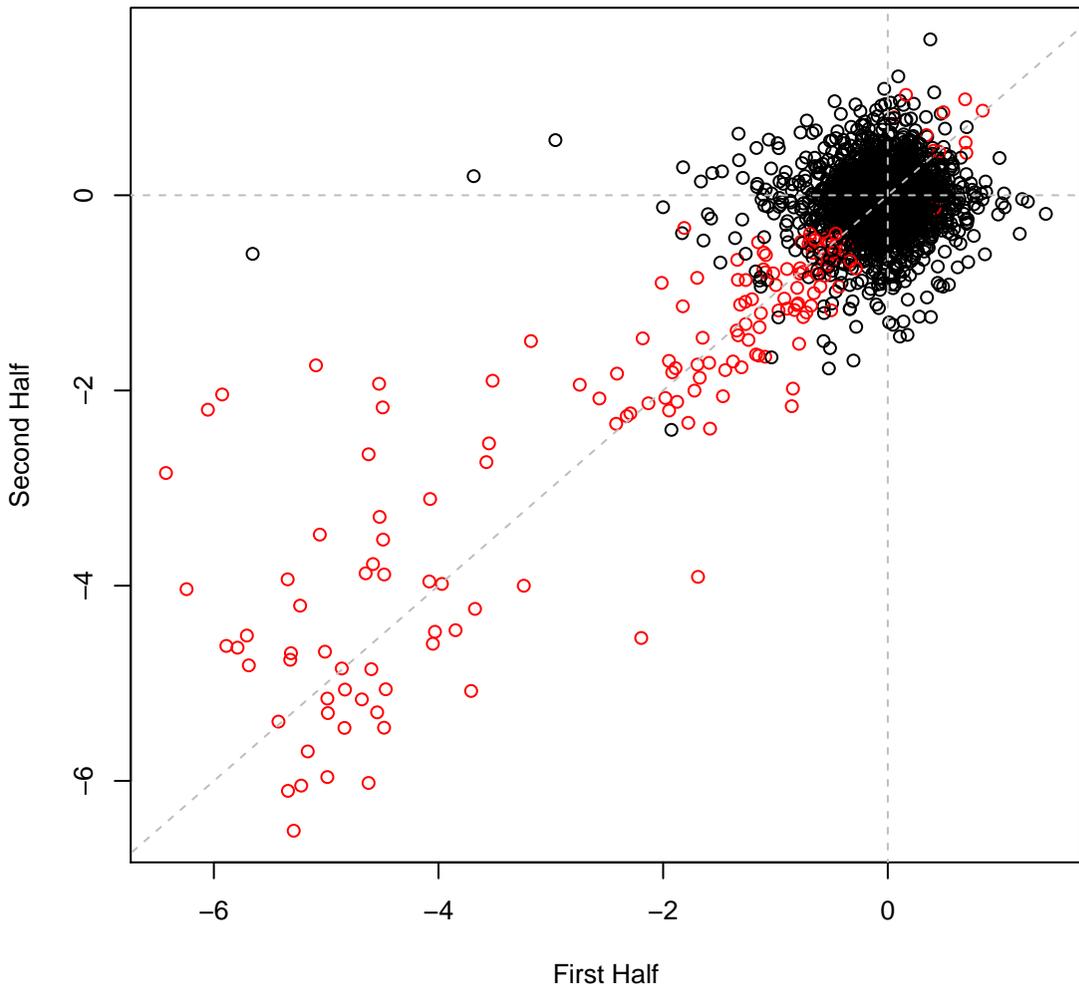


pseudo13\_GW456\_L13 set3IT068 #118 (gMed=190 rho12=0.208)  
L-Histidine (N)

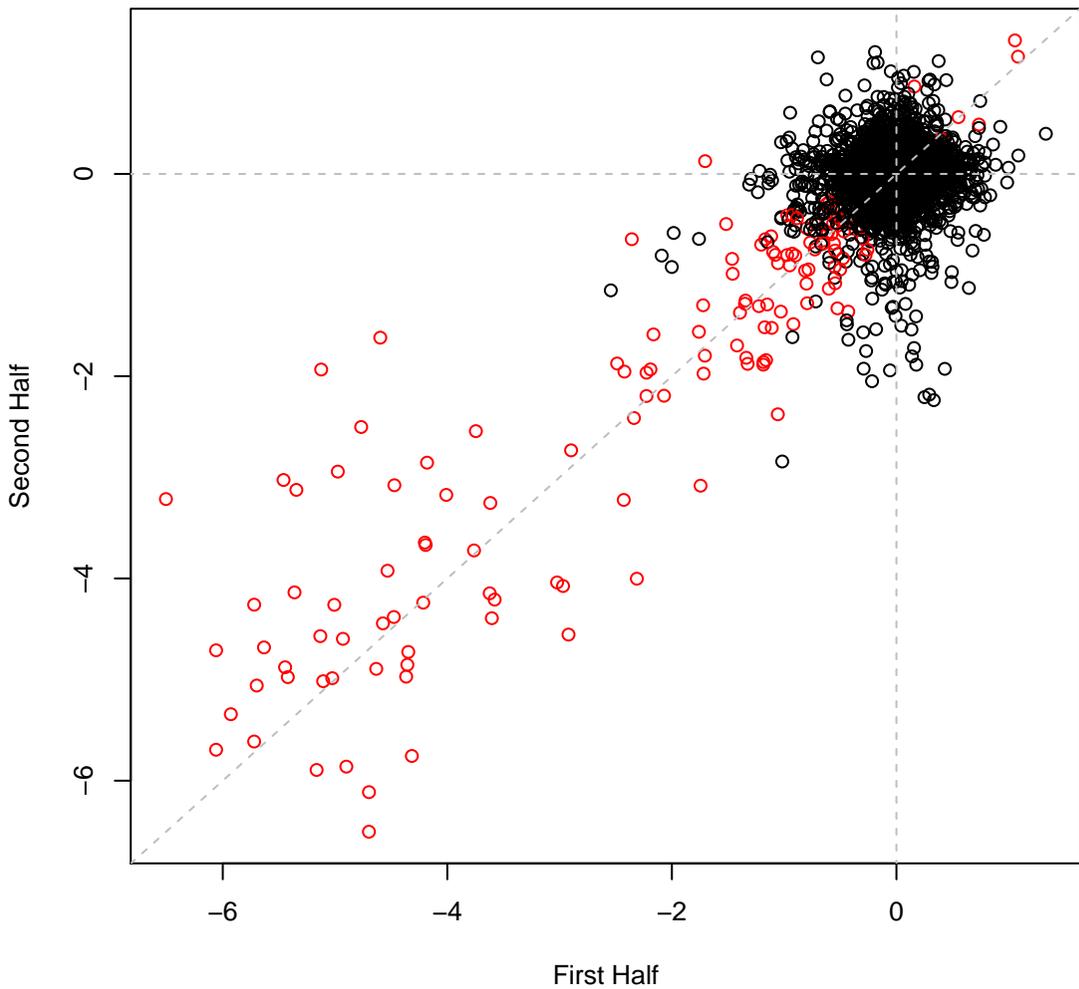




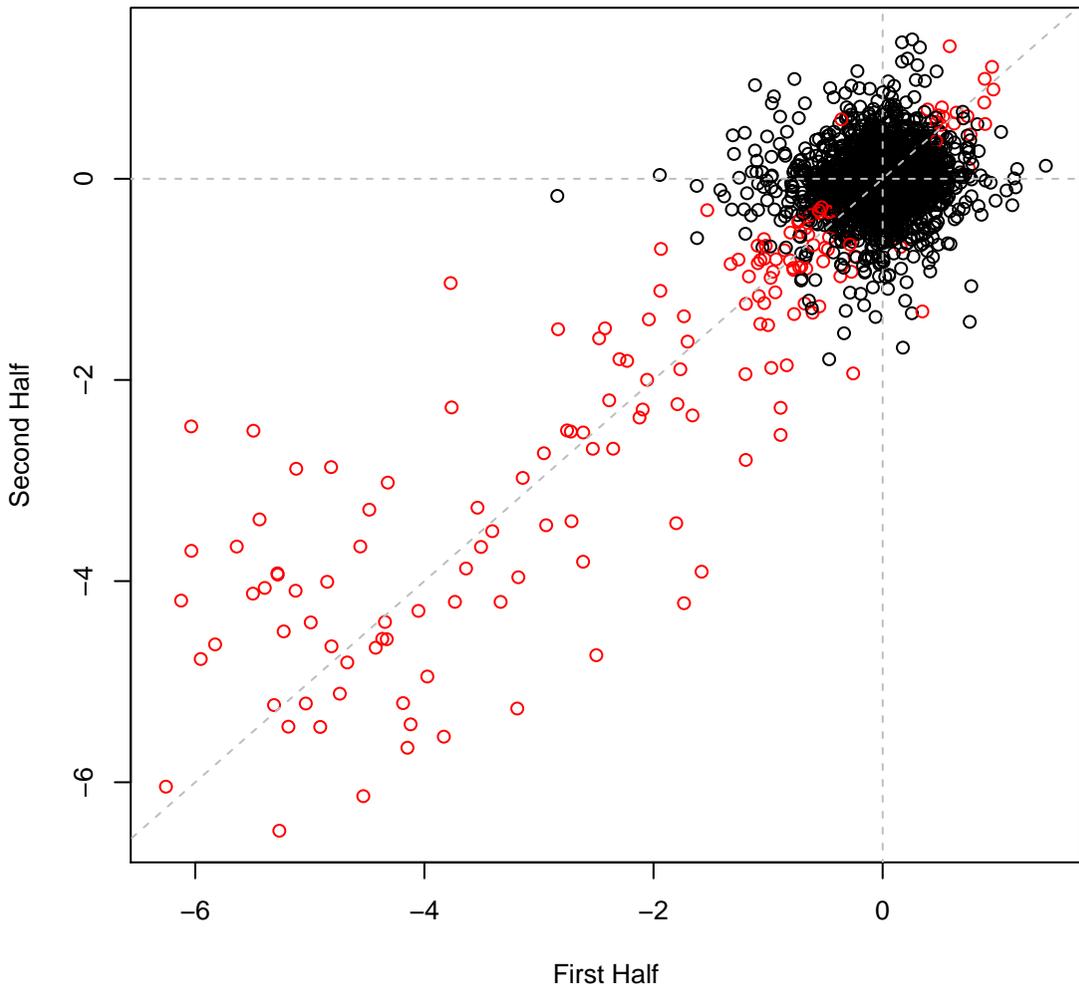
**pseudo13\_GW456\_L13 set3IT070 #120 (gMed=204 rho12=0.182)**  
**L-Aspartic Acid (N)**



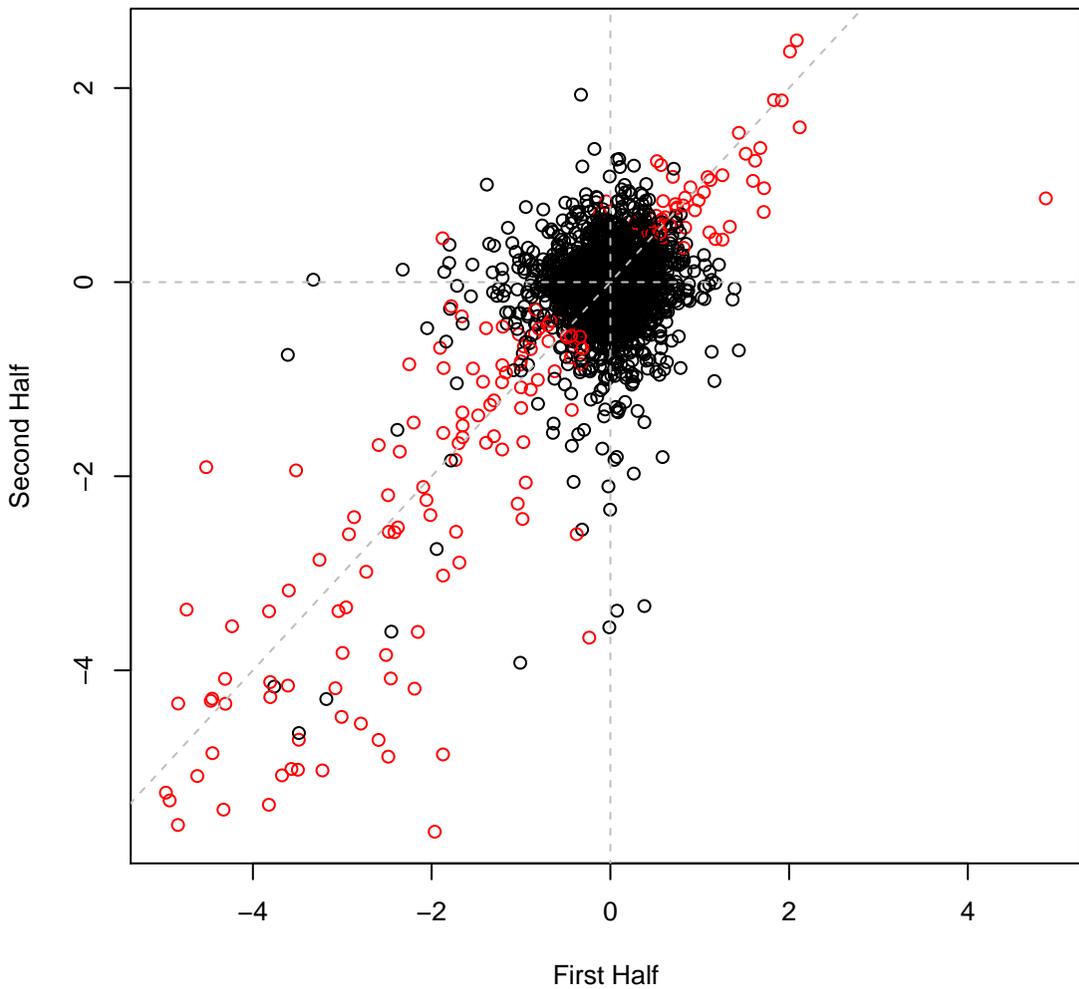
**pseudo13\_GW456\_L13 set3IT071 #121 (gMed=207 rho12=0.203)**  
**L-Glutamic (N)**



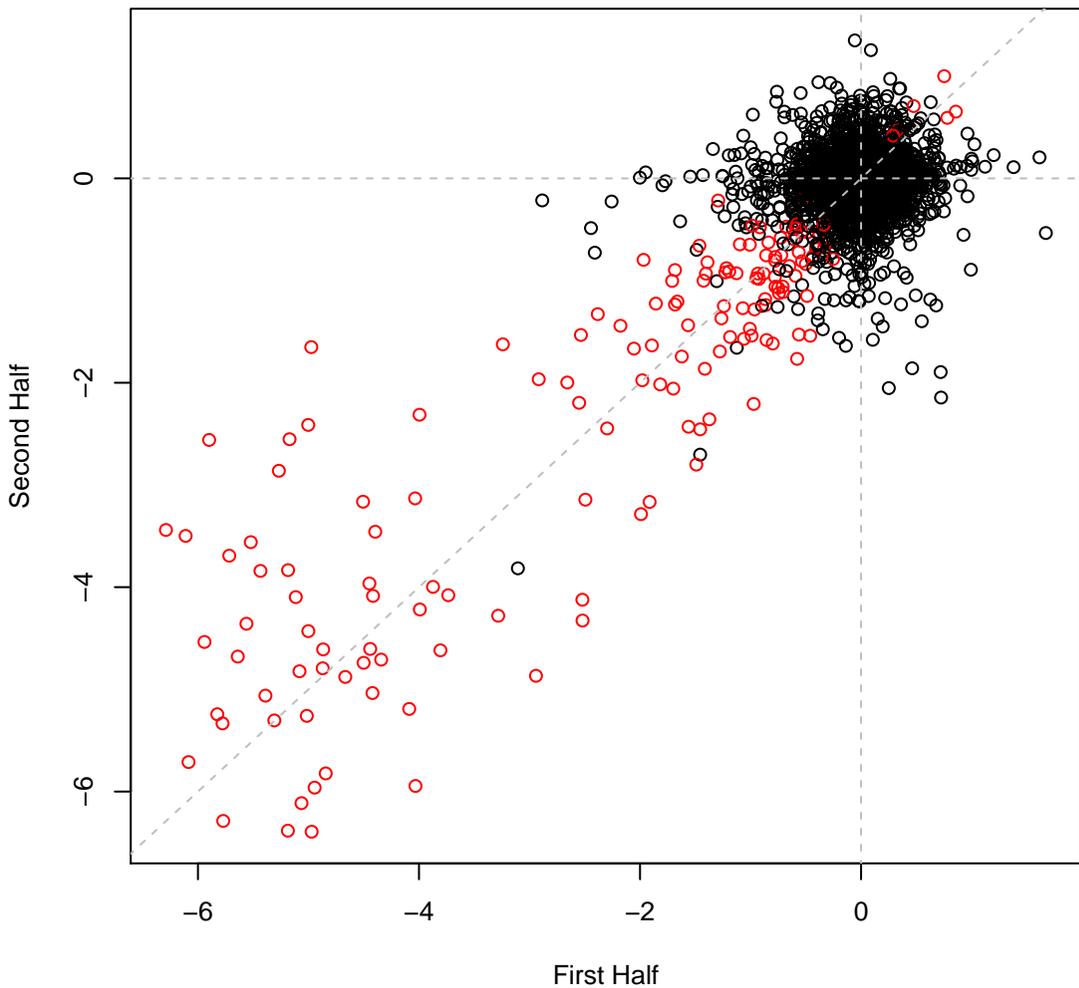
**pseudo13\_GW456\_L13 set3IT072 #122 (gMed=208 rho12=0.225)**  
**L-Serine (N)**



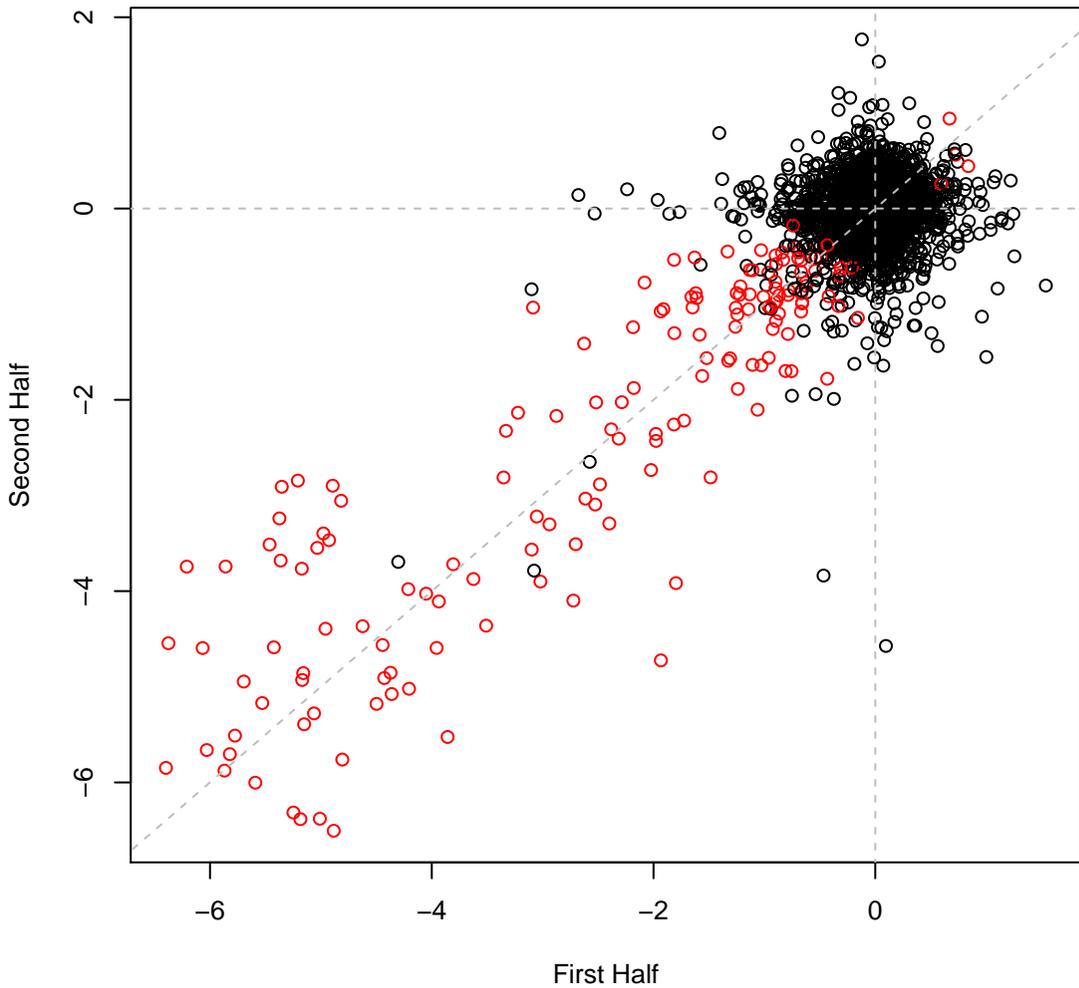
pseudo13\_GW456\_L13 set3IT073 #123 (gMed=132 rho12=0.212)  
L-Threonine (N)



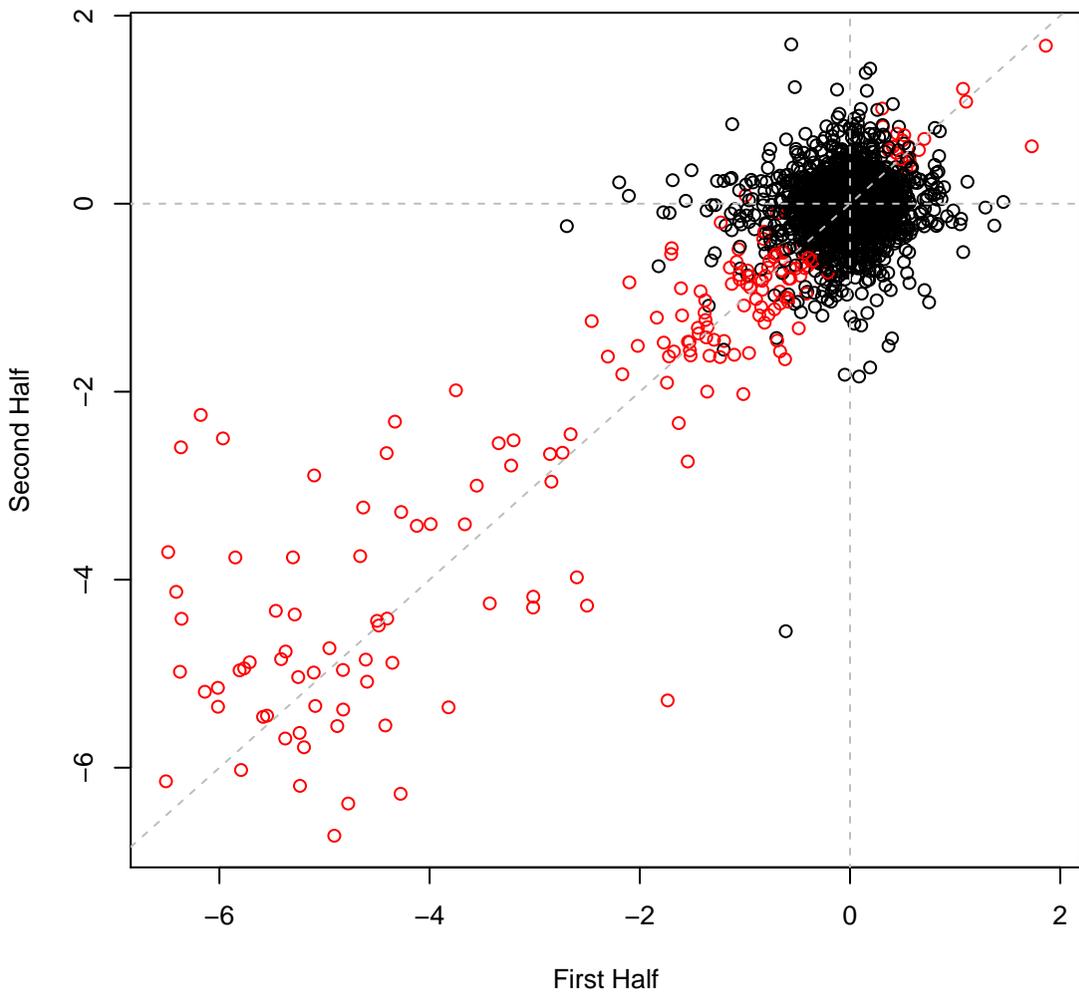
**pseudo13\_GW456\_L13 set3IT074 #124 (gMed=179 rho12=0.190)**  
**L-Asparagine (N)**



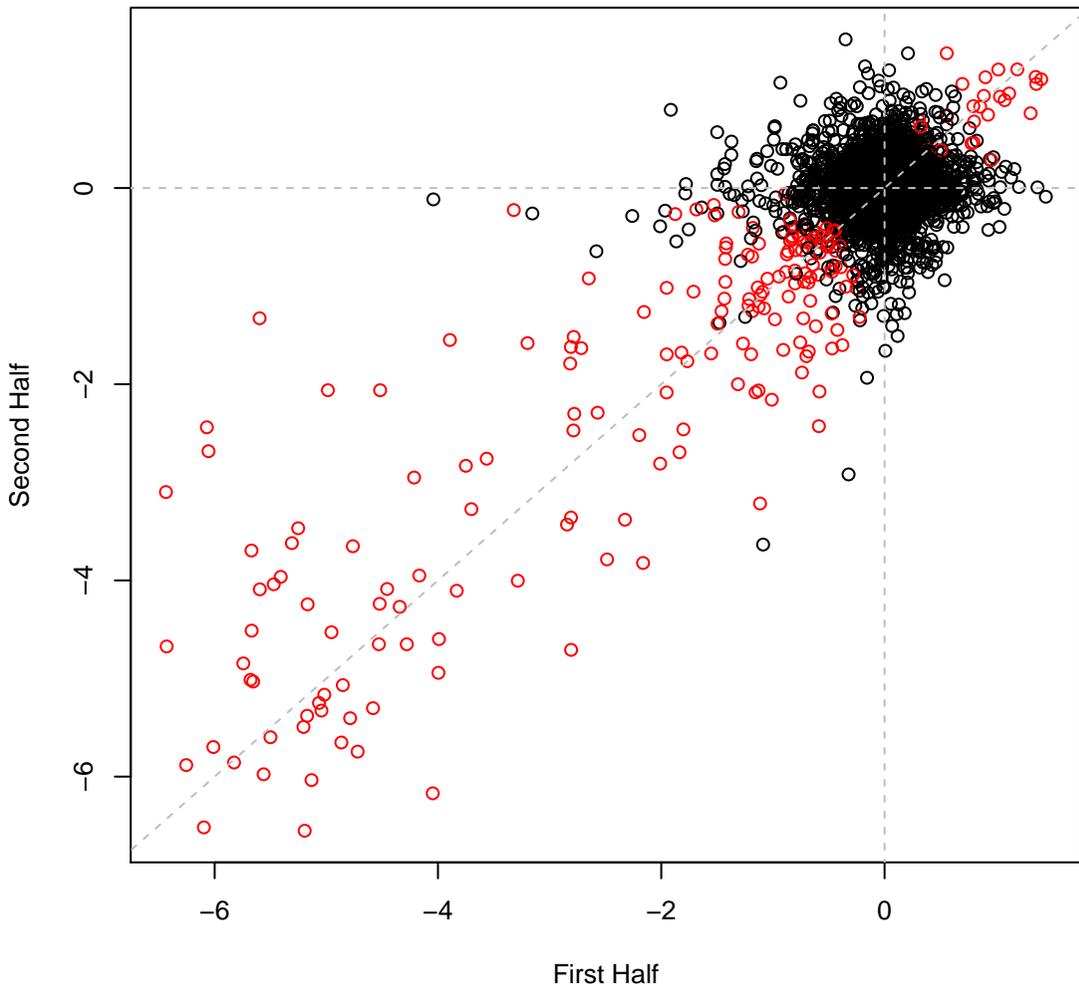
**pseudo13\_GW456\_L13 set3IT075 #125 (gMed=171 rho12=0.187)**  
**L-Glutamine (N)**



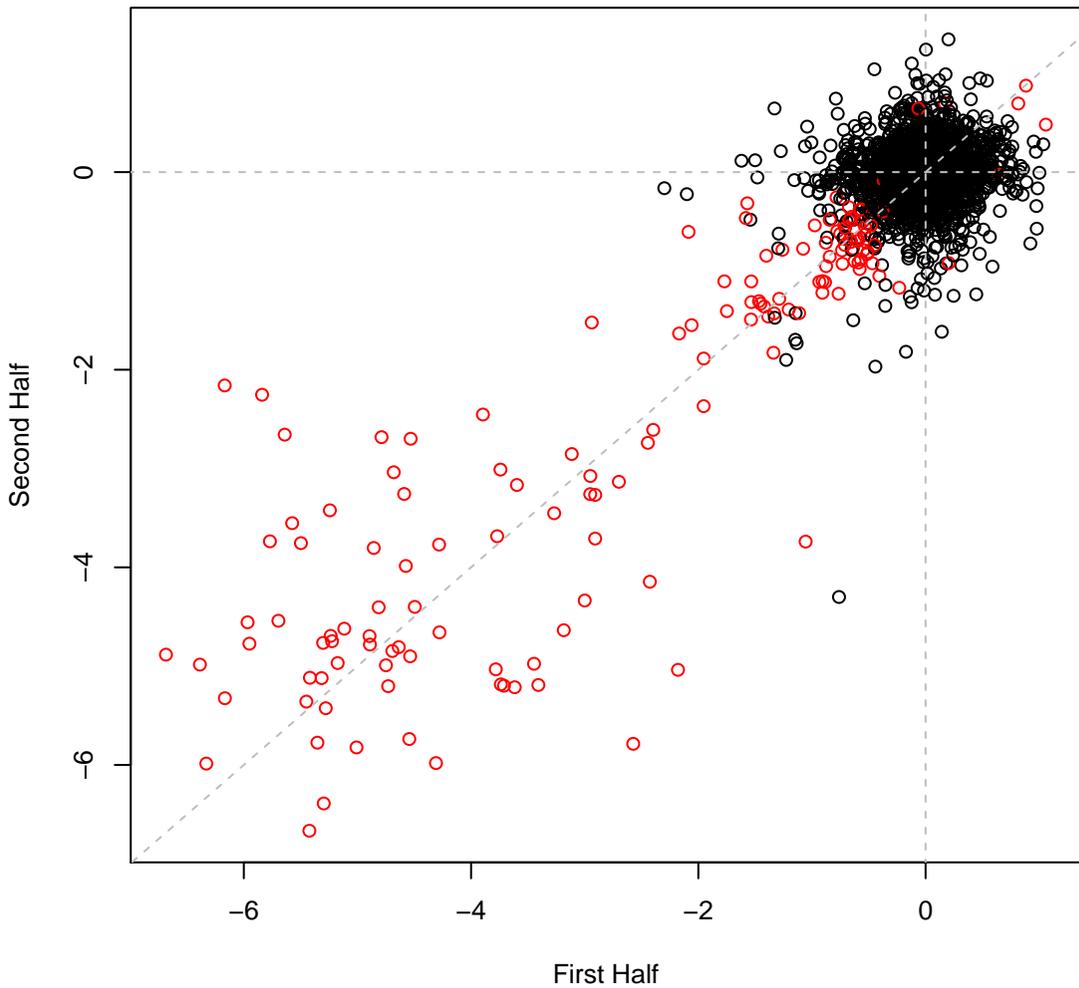
pseudo13\_GW456\_L13 set3IT076 #126 (gMed=258 rho12=0.223)  
Glycine (N)



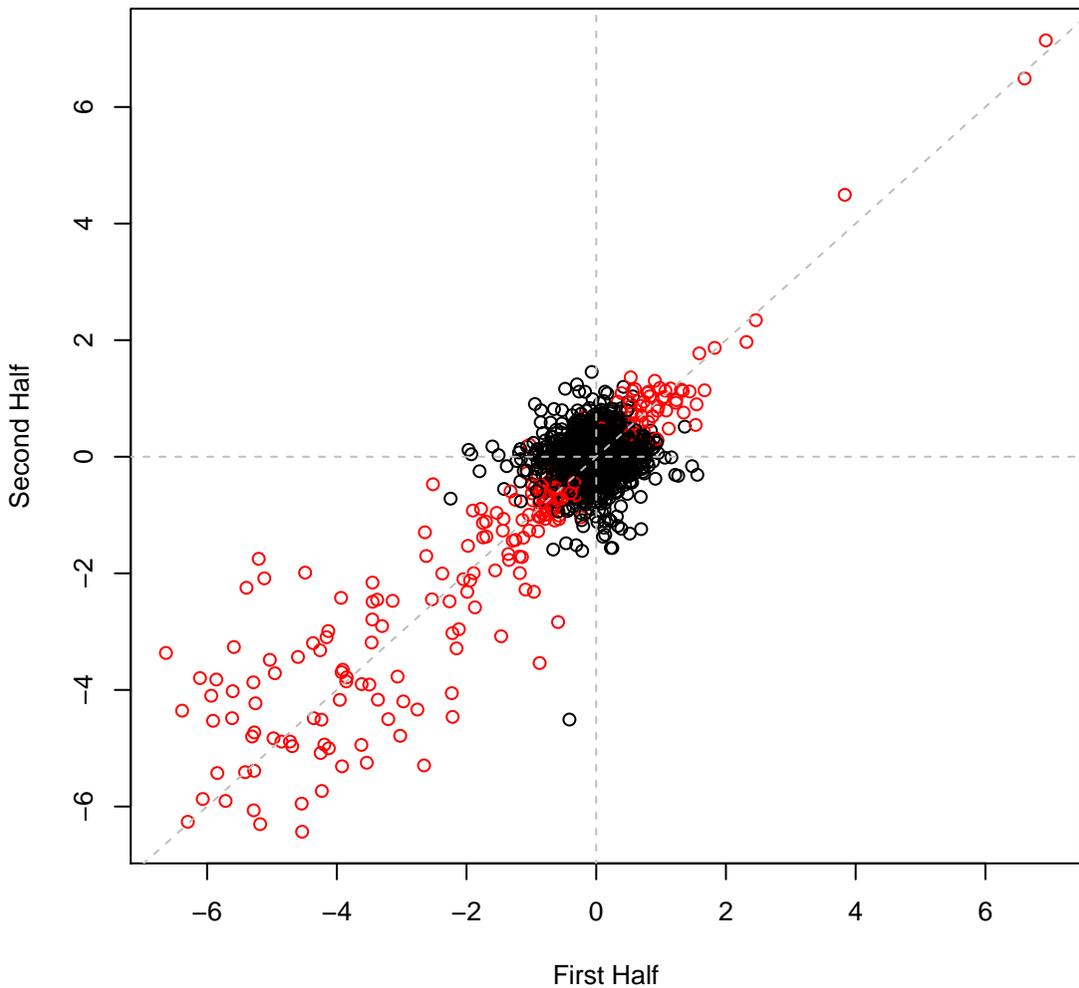
**pseudo13\_GW456\_L13 set3IT077 #127 (gMed=195 rho12=0.215)**  
**L-Proline (N)**



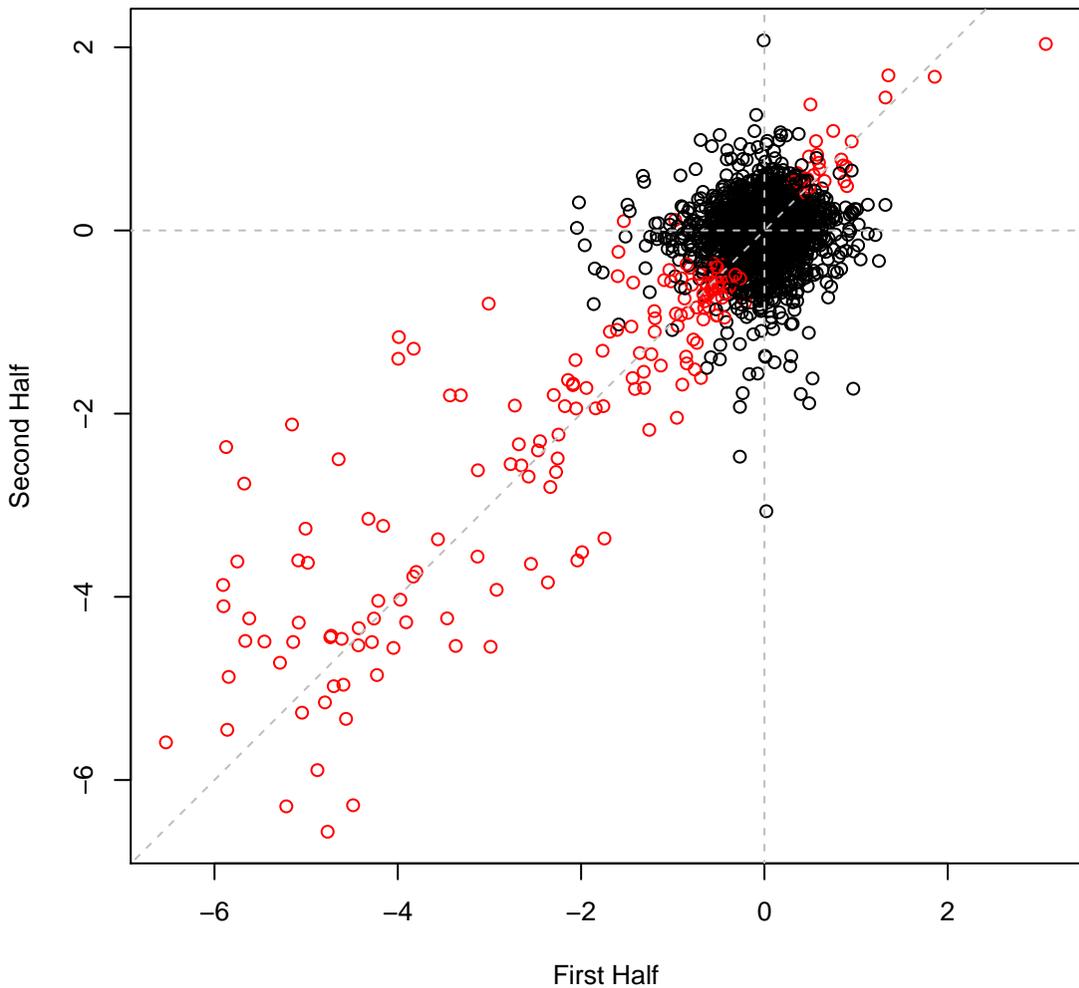
pseudo13\_GW456\_L13 set3IT078 #128 (gMed=236 rho12=0.218)  
L-Alanine (N)



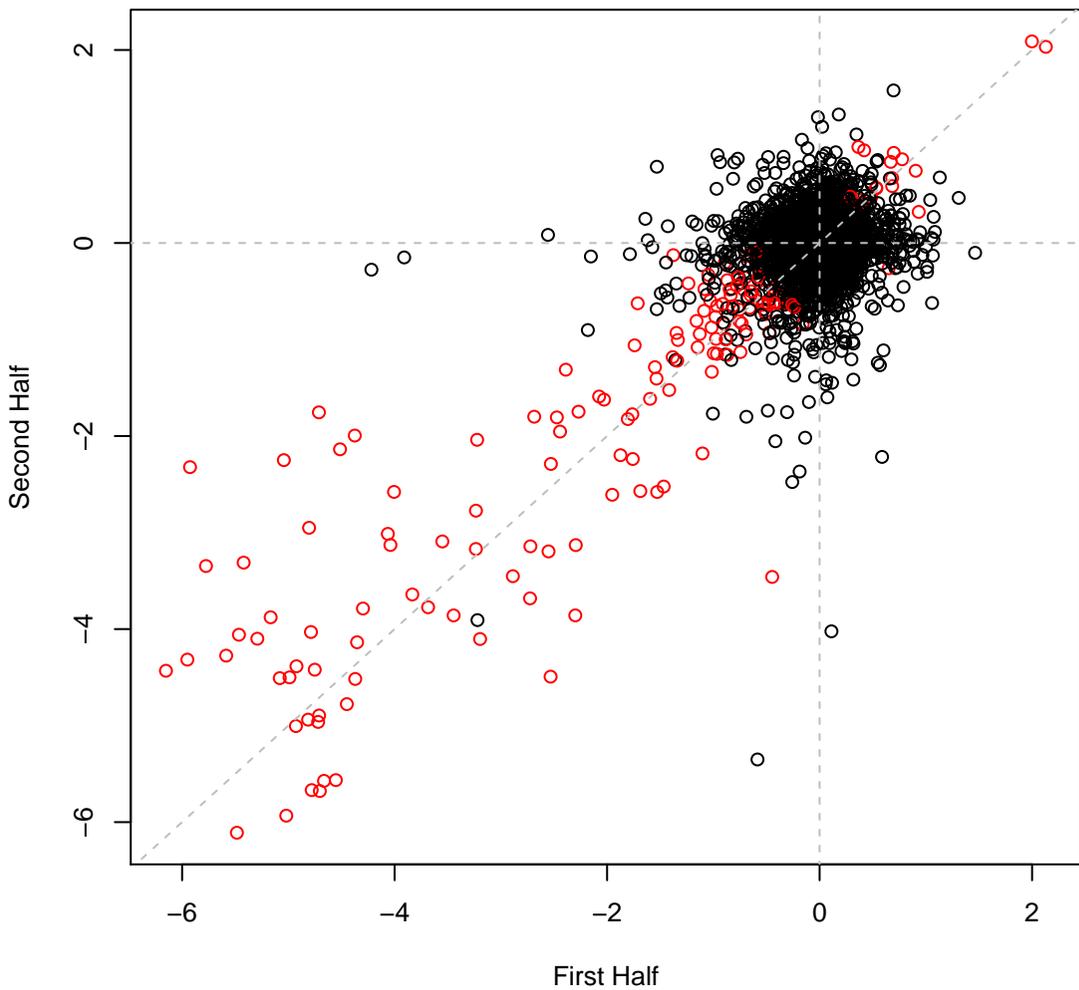
pseudo13\_GW456\_L13 set3IT079 #129 (gMed=274 rho12=0.298)  
L-Valine (N)



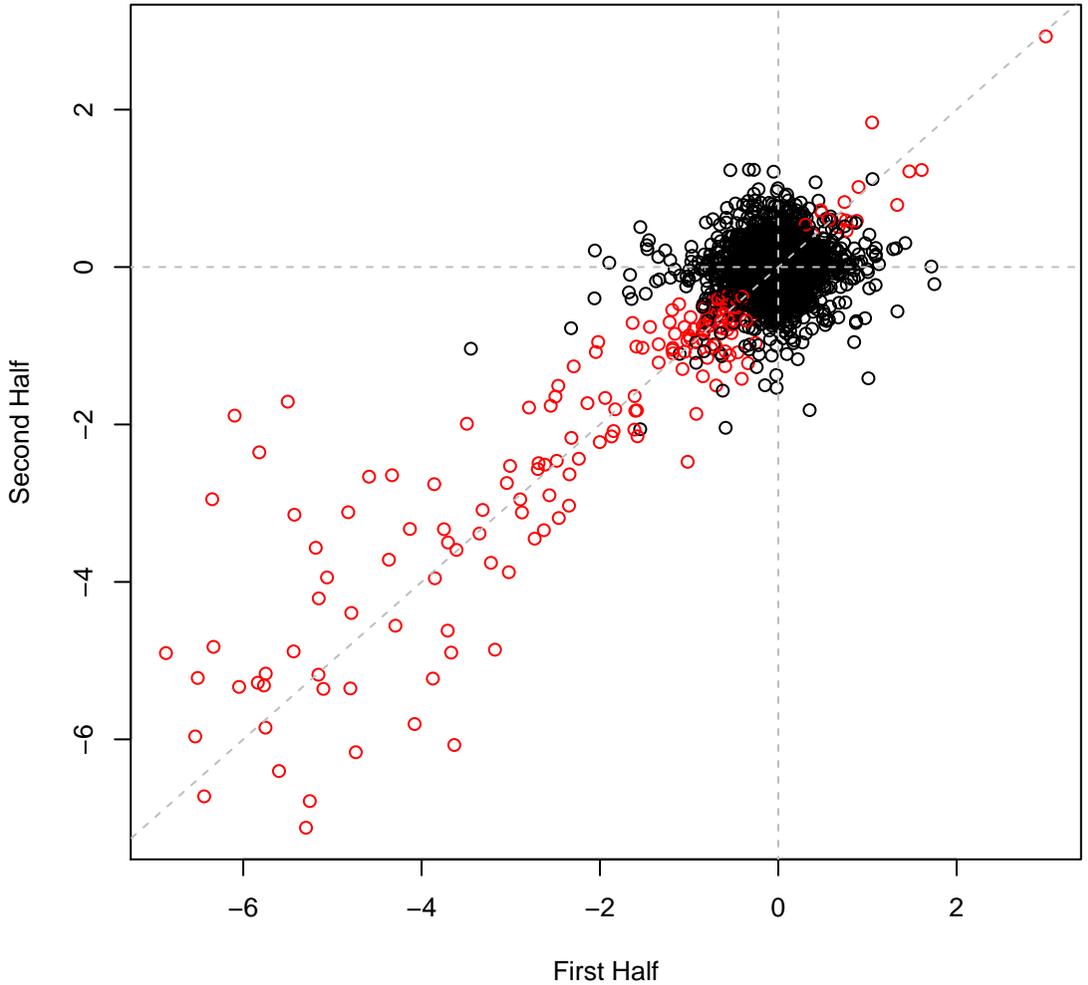
**pseudo13\_GW456\_L13 set3IT080 #130 (gMed=240 rho12=0.214)**  
**L-Isoleucine (N)**



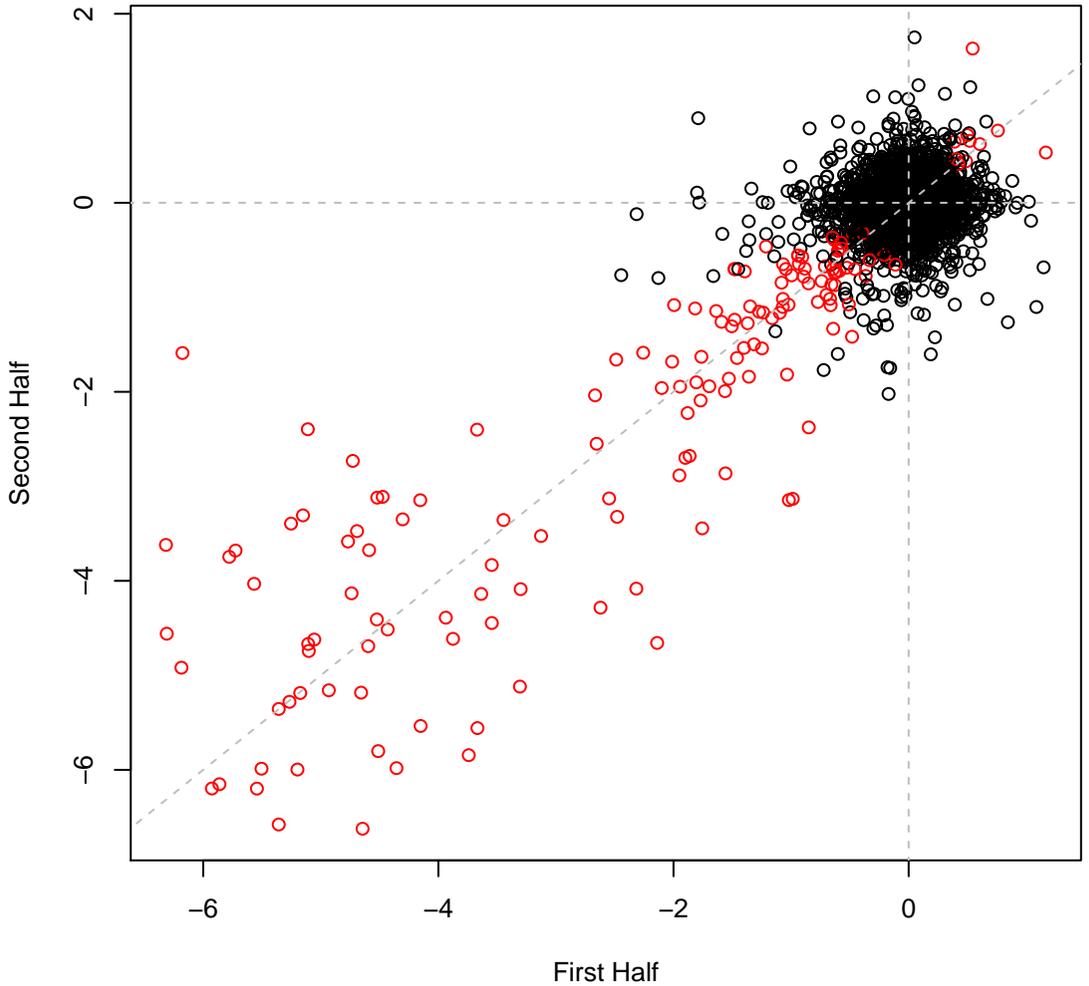
**pseudo13\_GW456\_L13 set3IT081 #131 (gMed=161 rho12=0.214)**  
**L-Leucine (N)**



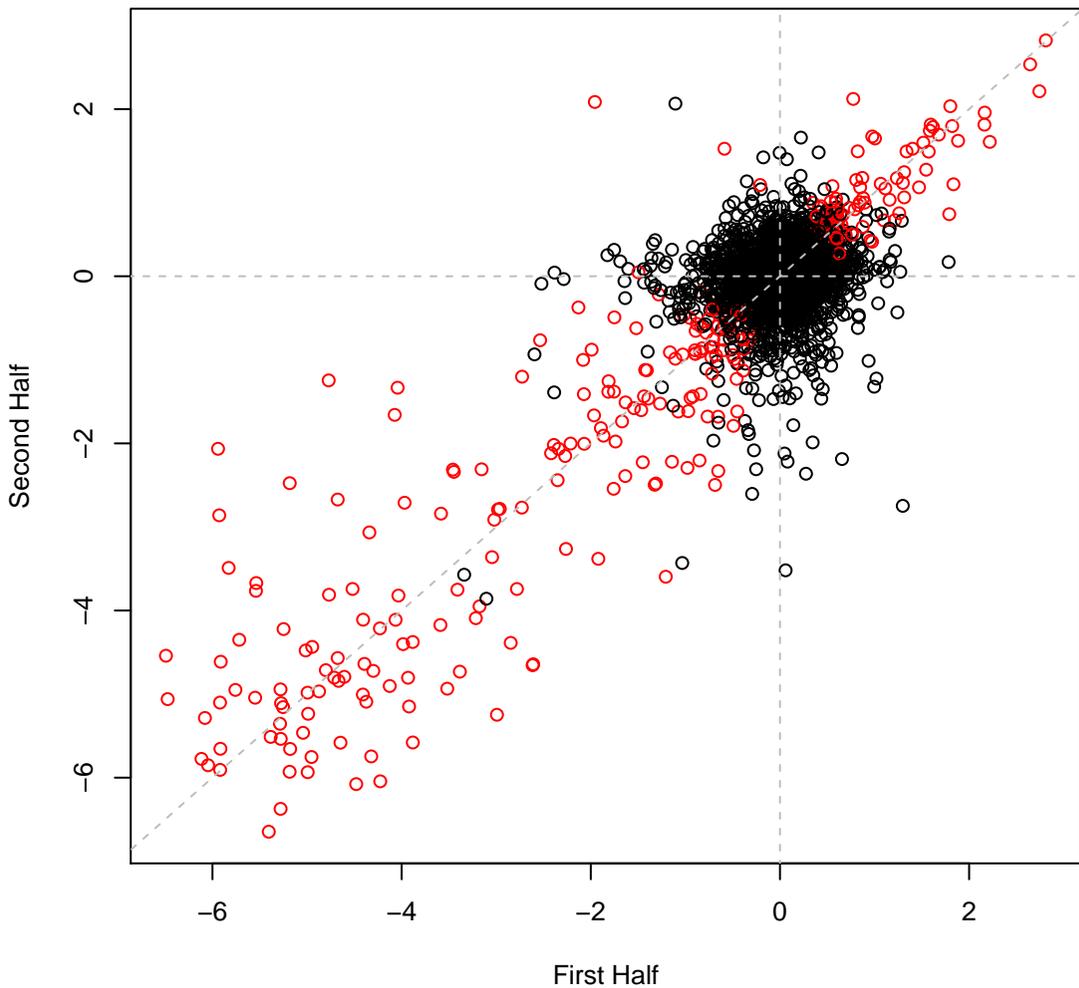
pseudo13\_GW456\_L13 set3IT082 #132 (gMed=426 rho12=0.227)  
L-Phenylalanine (N)



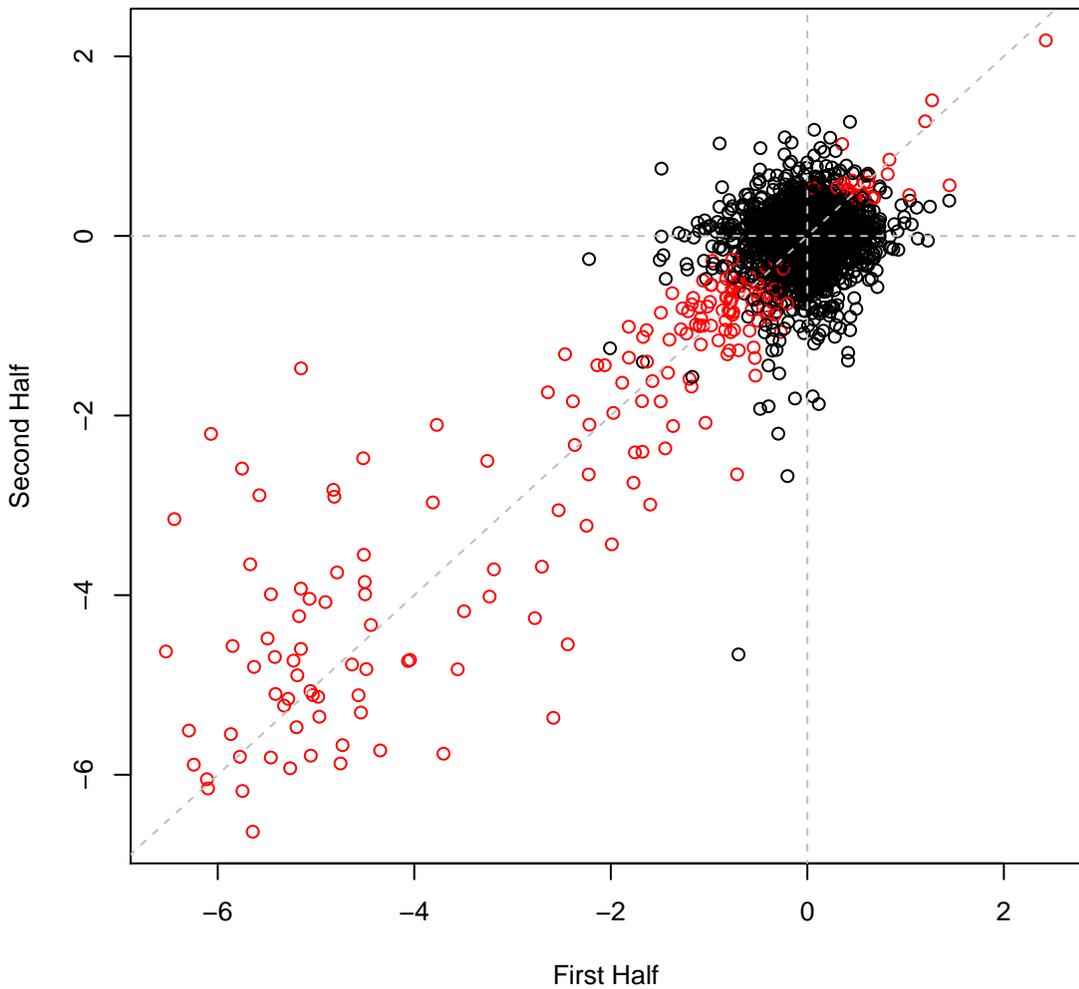
**pseudo13\_GW456\_L13 set3IT084 #134 (gMed=226 rho12=0.201)**  
**L-Tryptophan (N)**



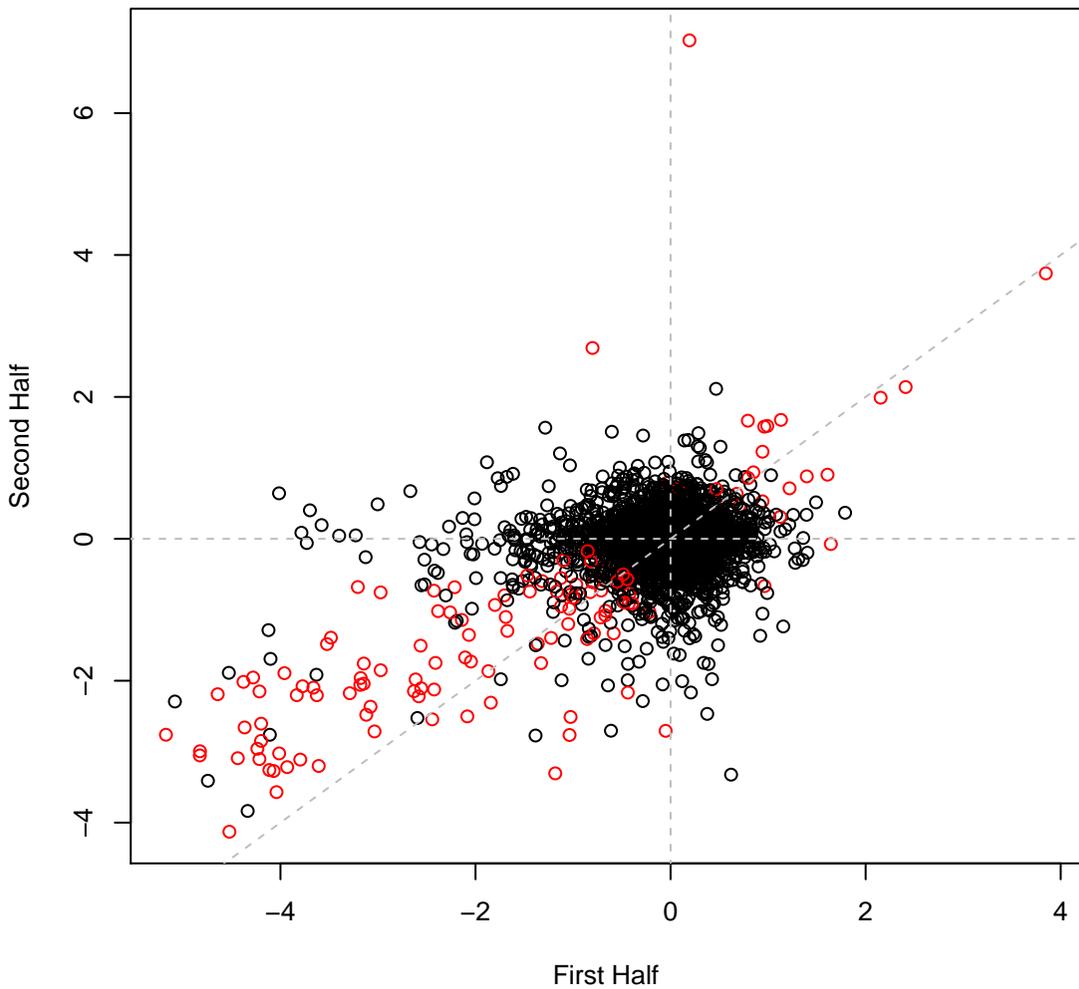
**pseudo13\_GW456\_L13 set3IT085 #135 (gMed=212 rho12=0.317)**  
**D-Serine (N)**



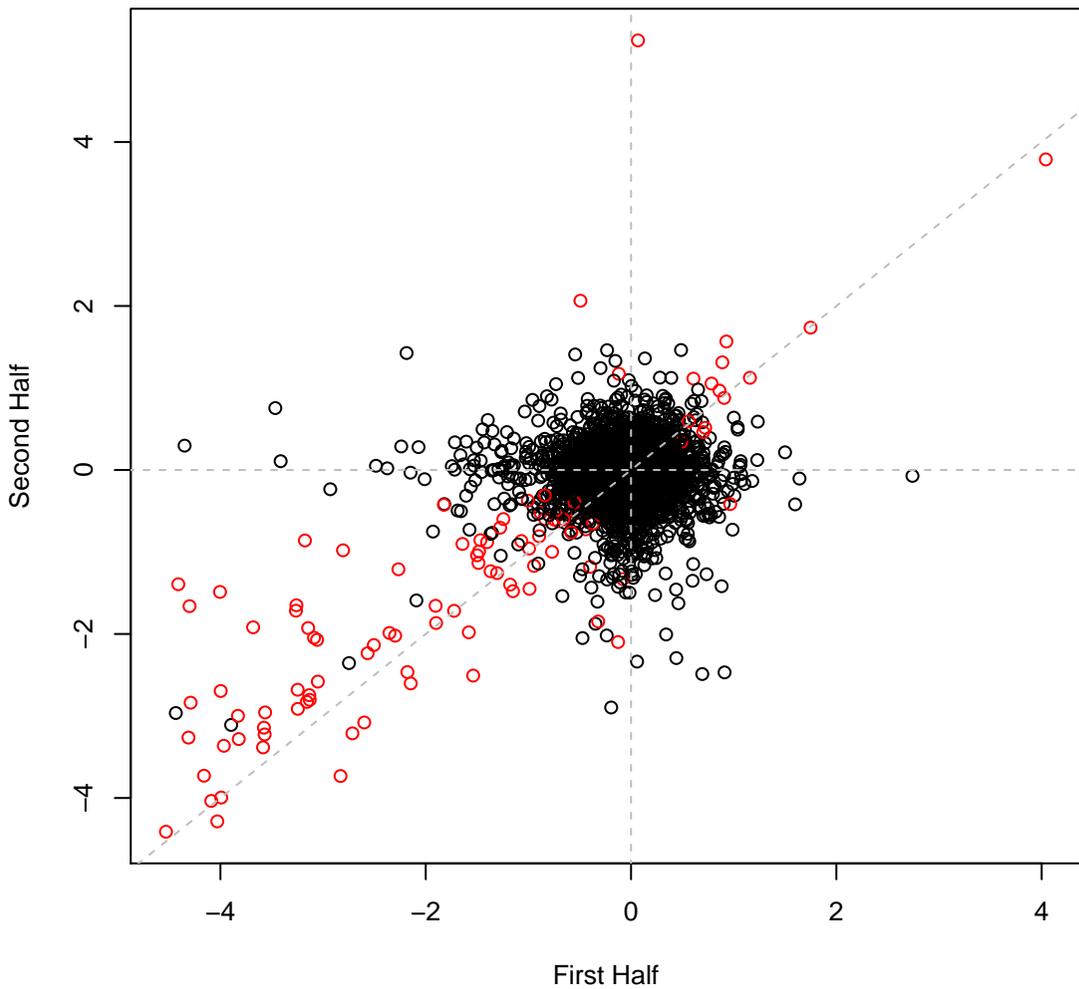
**pseudo13\_GW456\_L13 set3IT086 #136 (gMed=218 rho12=0.218)**  
**D-Alanine (N)**



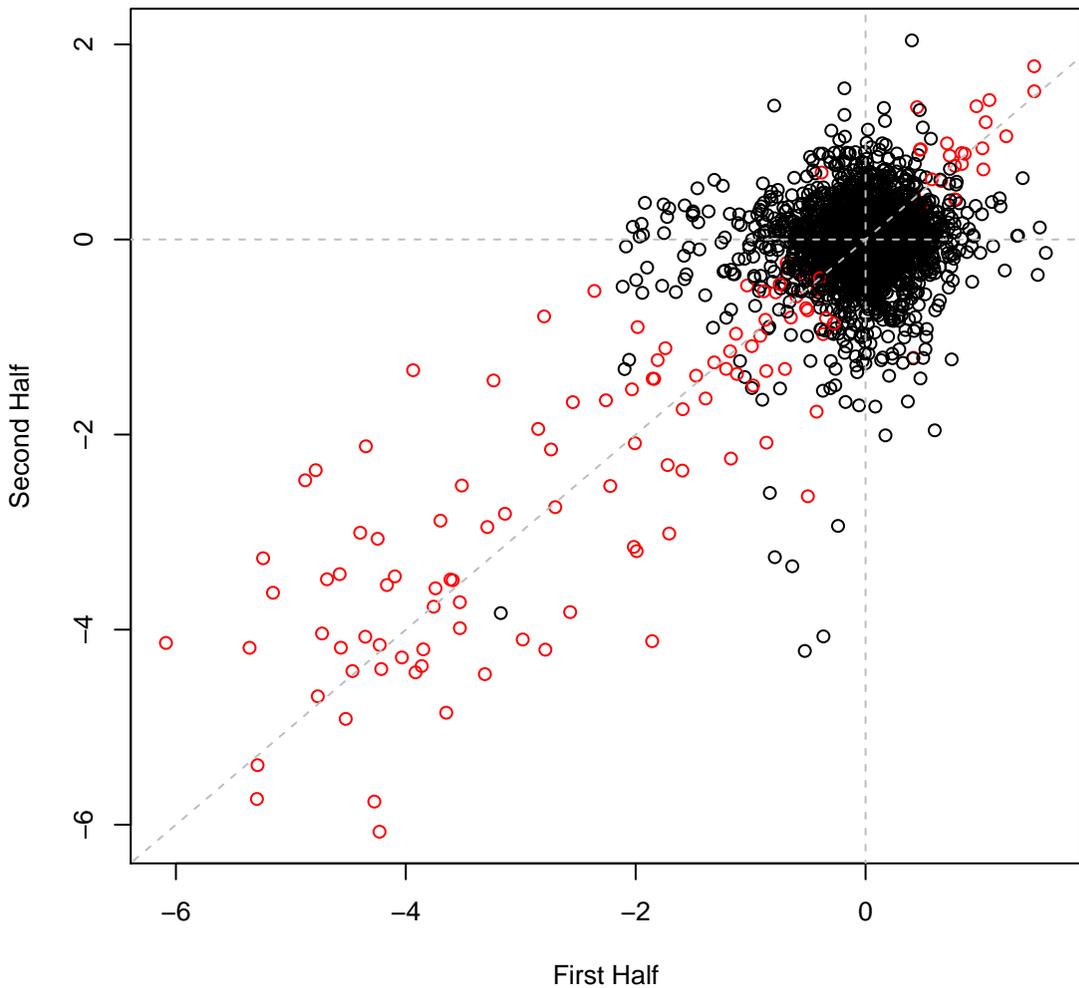
pseudo13\_GW456\_L13 set3IT087 #137 (gMed=75 rho12=0.139)  
Gly-DL-Asp (N)



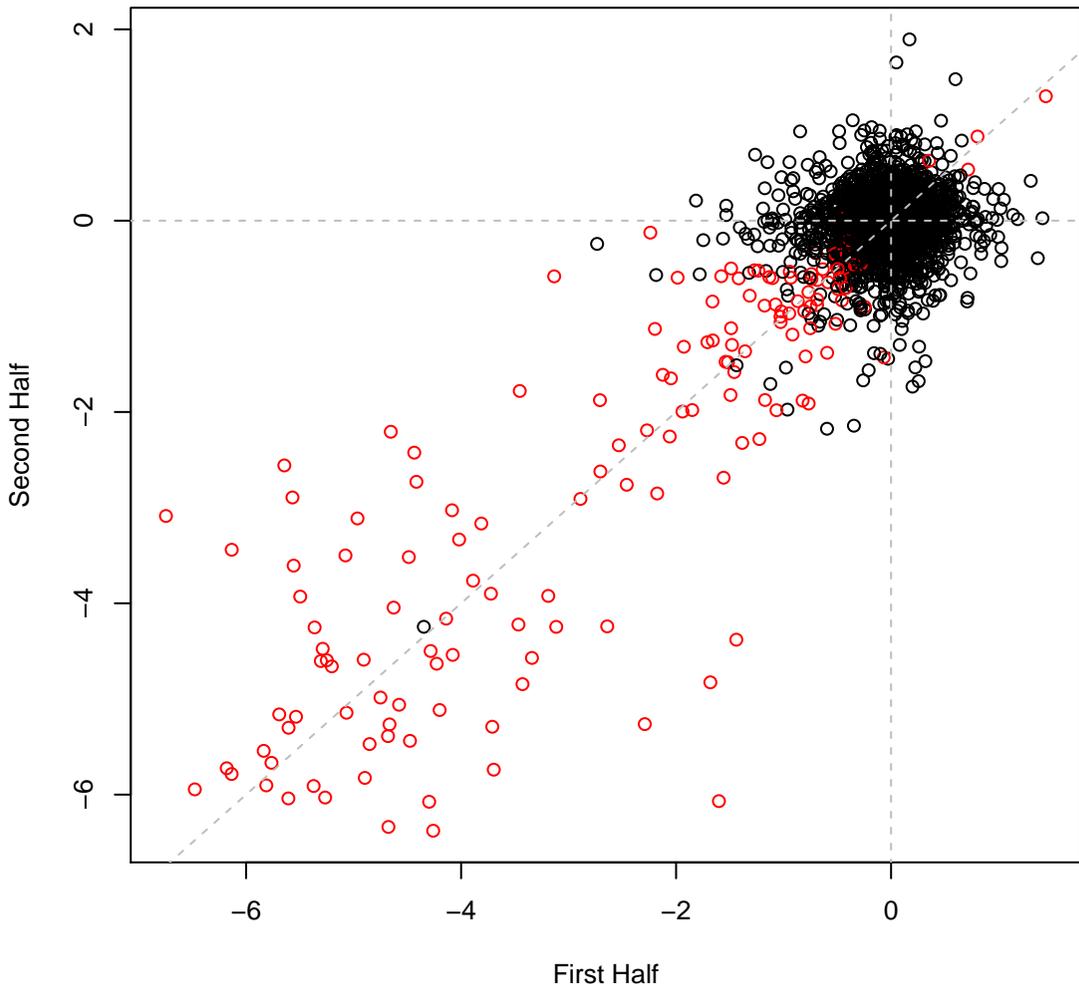
pseudo13\_GW456\_L13 set3IT088 #138 (gMed=101 rho12=0.107)  
Gly-Glu (N)



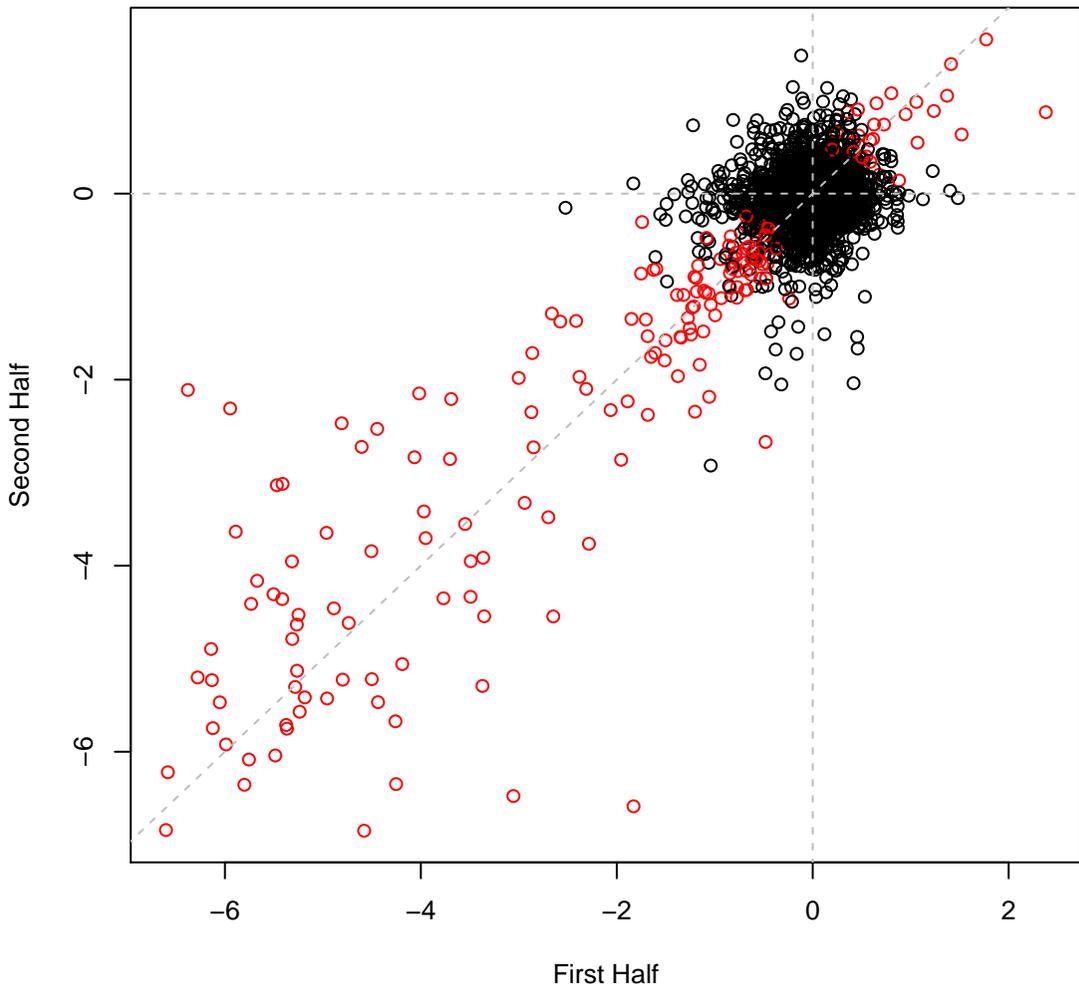
**pseudo13\_GW456\_L13 set3IT089 #139 (gMed=142 rho12=0.149)**  
**L-Citrulline (N)**



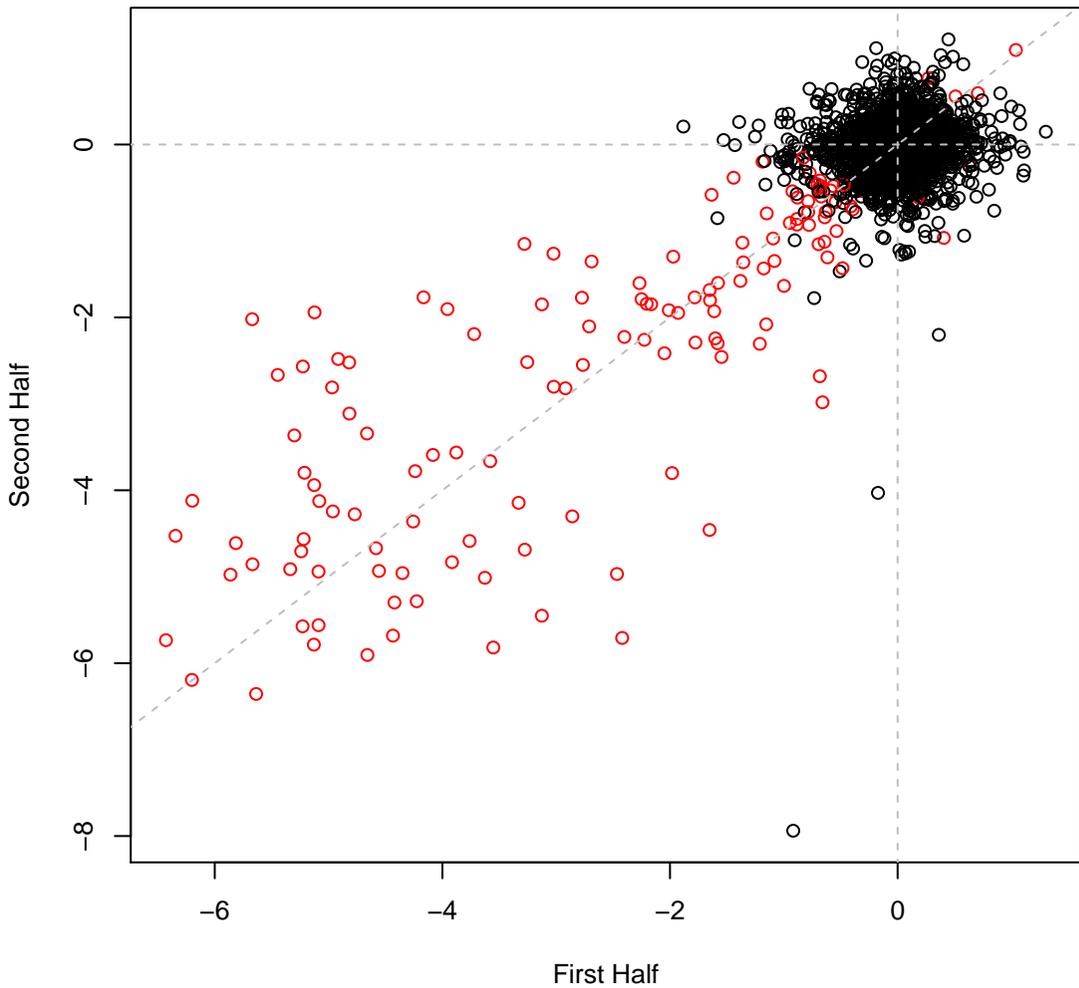
**pseudo13\_GW456\_L13 set3IT090 #140 (gMed=184 rho12=0.182)**  
**Putrescine (N)**



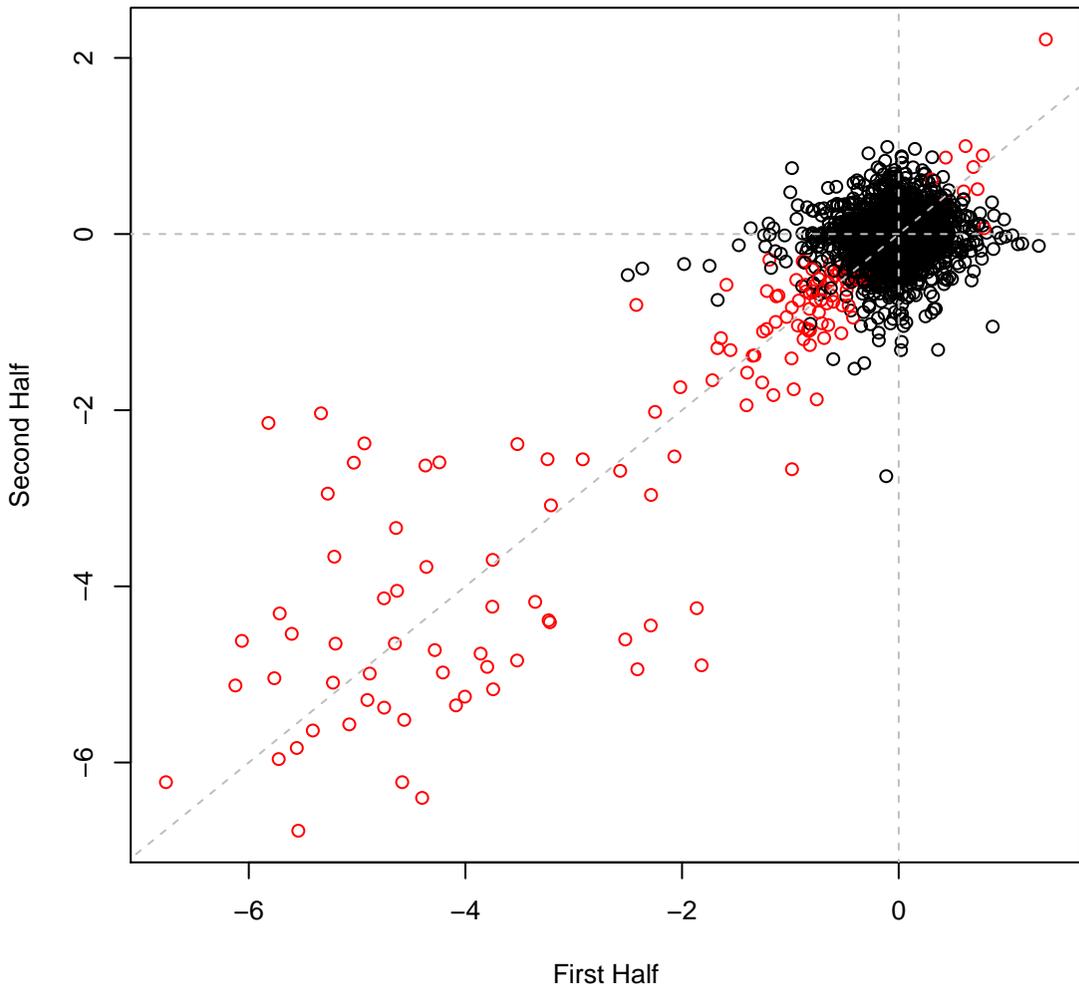
**pseudo13\_GW456\_L13 set3IT091 #141 (gMed=288 rho12=0.232)**  
**NAG (N)**



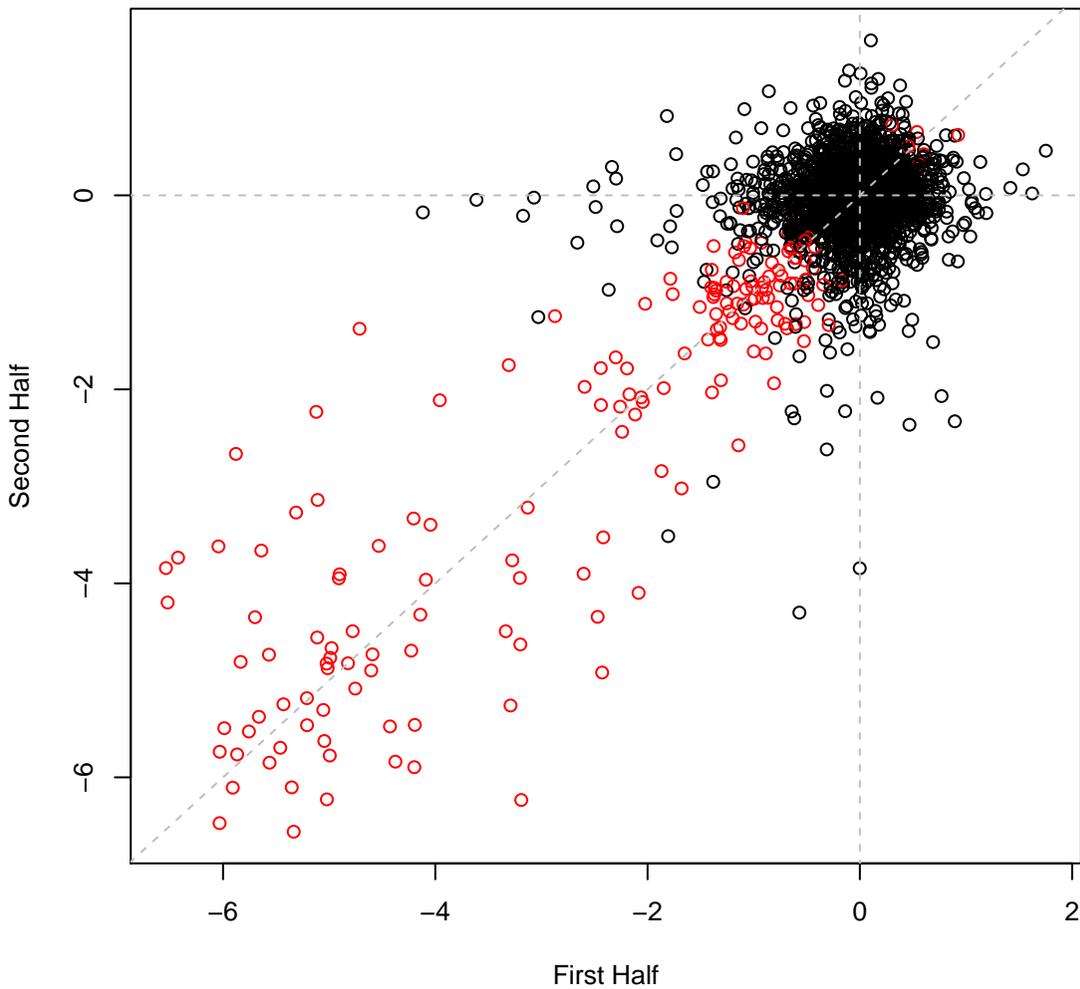
pseudo13\_GW456\_L13 set3IT092 #142 (gMed=235 rho12=0.186)  
Uridine (N)



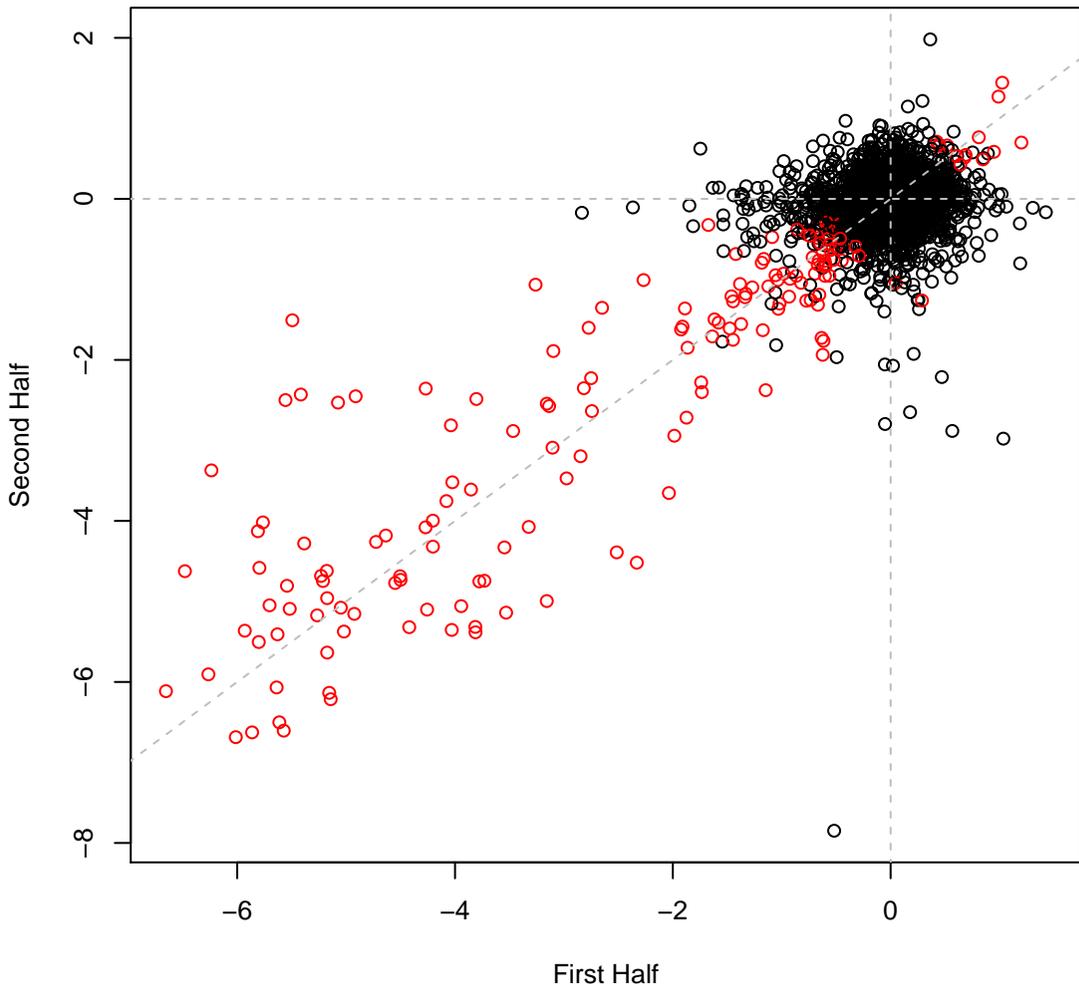
pseudo13\_GW456\_L13 set3IT093 #143 (gMed=259 rho12=0.199)  
Cytosine (N)



**pseudo13\_GW456\_L13 set3IT094 #144 (gMed=214 rho12=0.218)**  
**Ammonium chloride (N)**



**pseudo13\_GW456\_L13 set3IT095 #145 (gMed=208 rho12=0.220)**  
**nitrate (N)**



pseudo13\_GW456\_L13 set3IT096 #146 (gMed=227 rho12=0.035)

Time0

