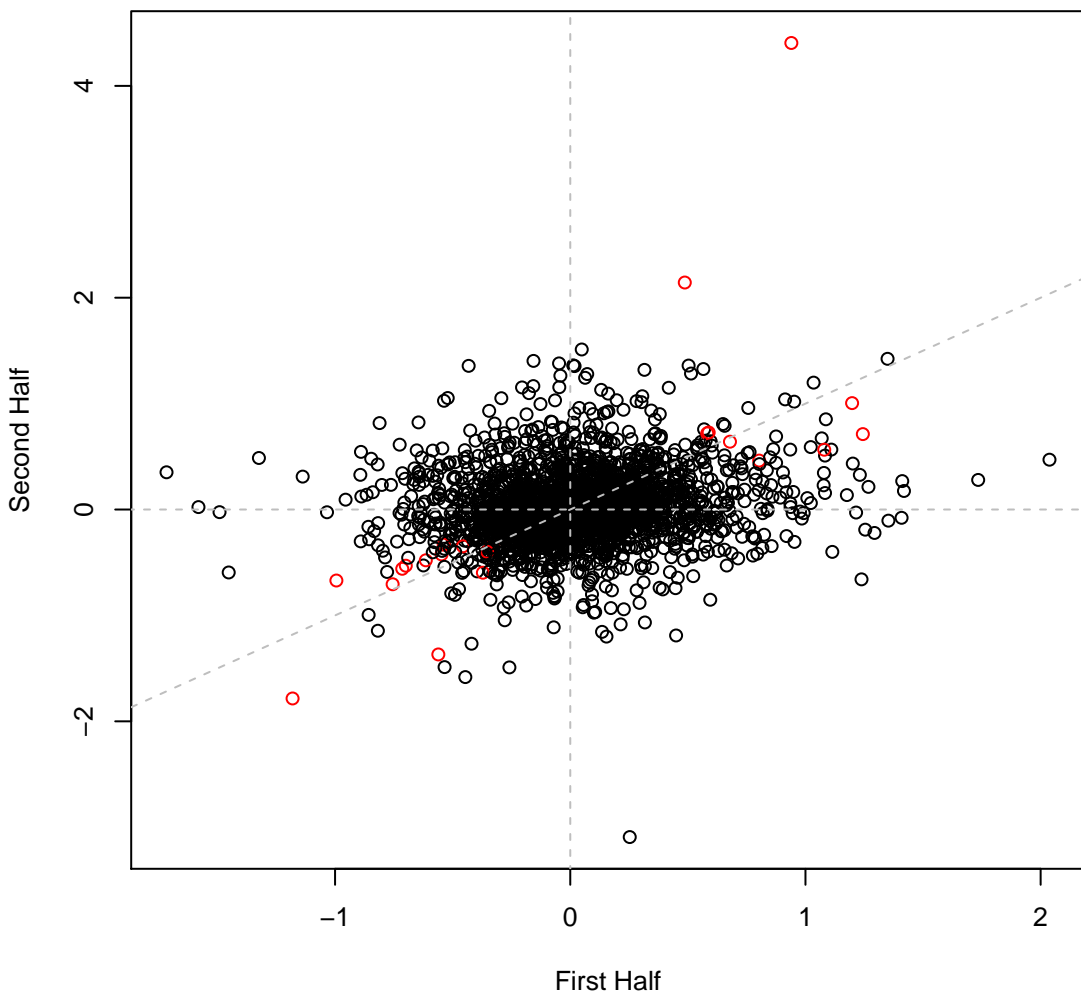


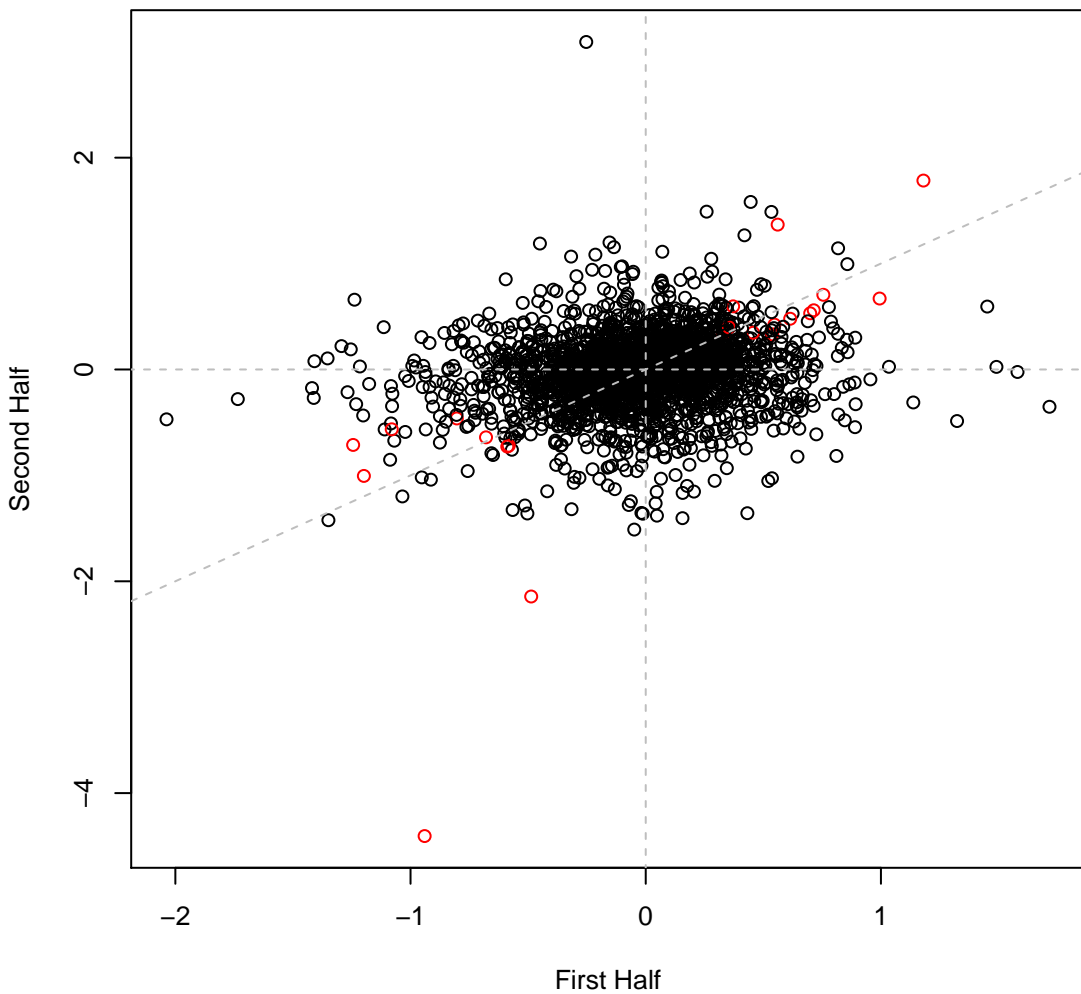
Phaeo set1H1 #1 (gMed=109 rho12=0.192)

Time0

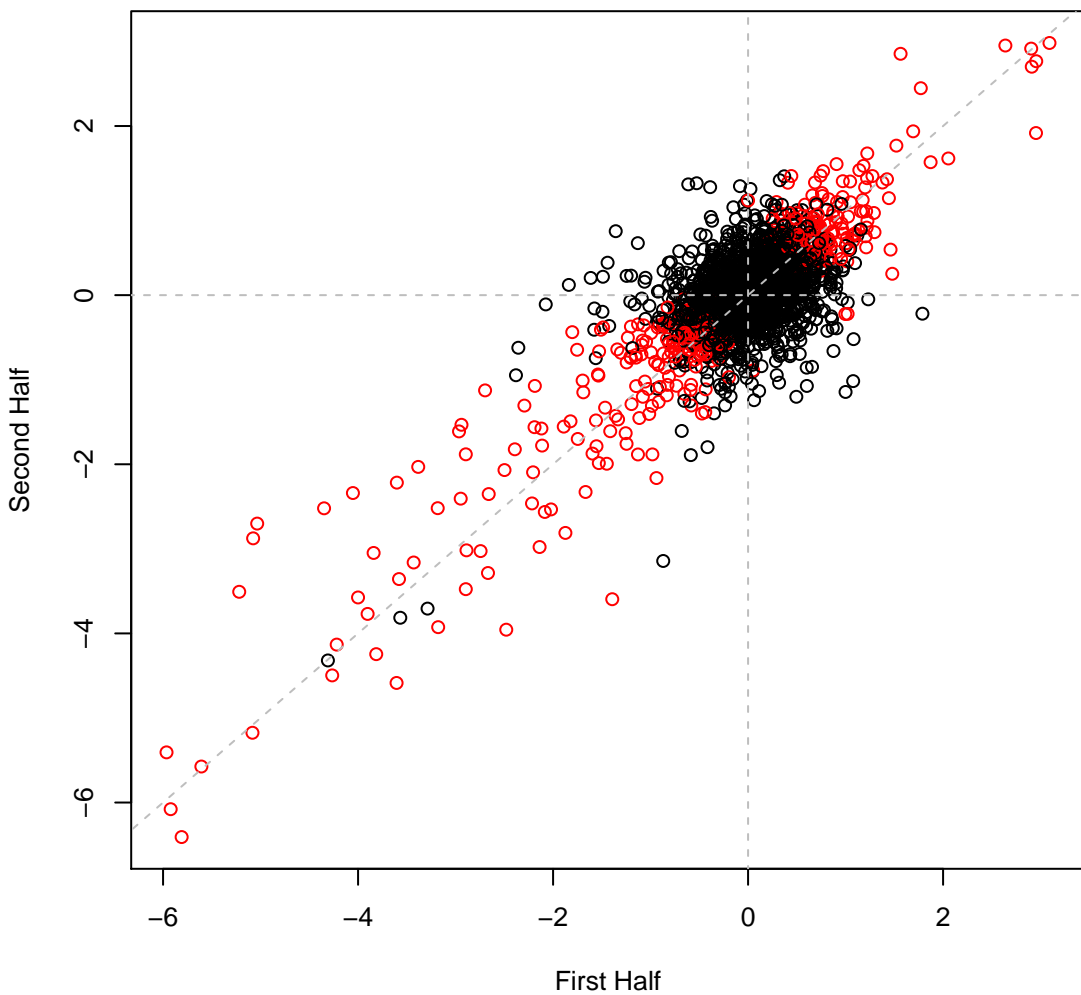


Phaeo set1H2 #2 (gMed=111 rho12=0.192)

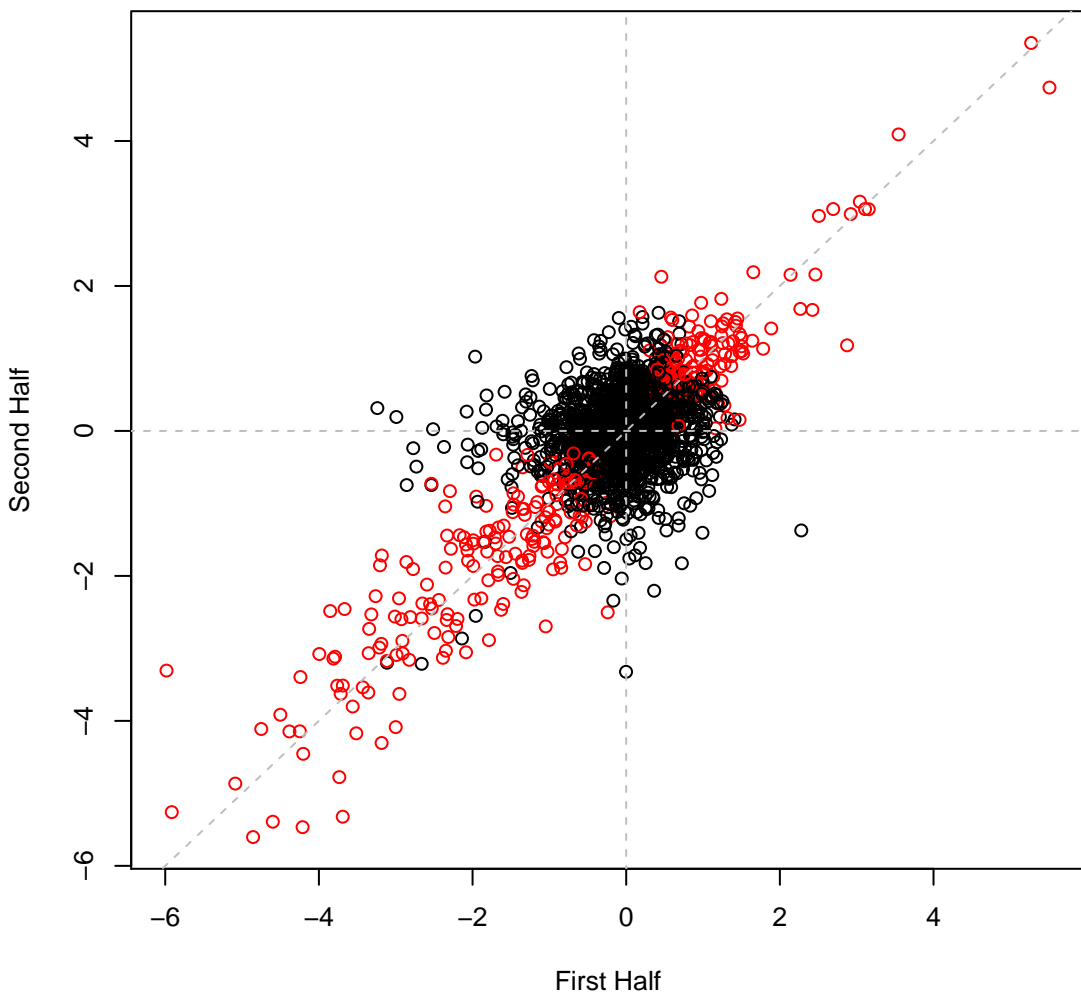
Time0



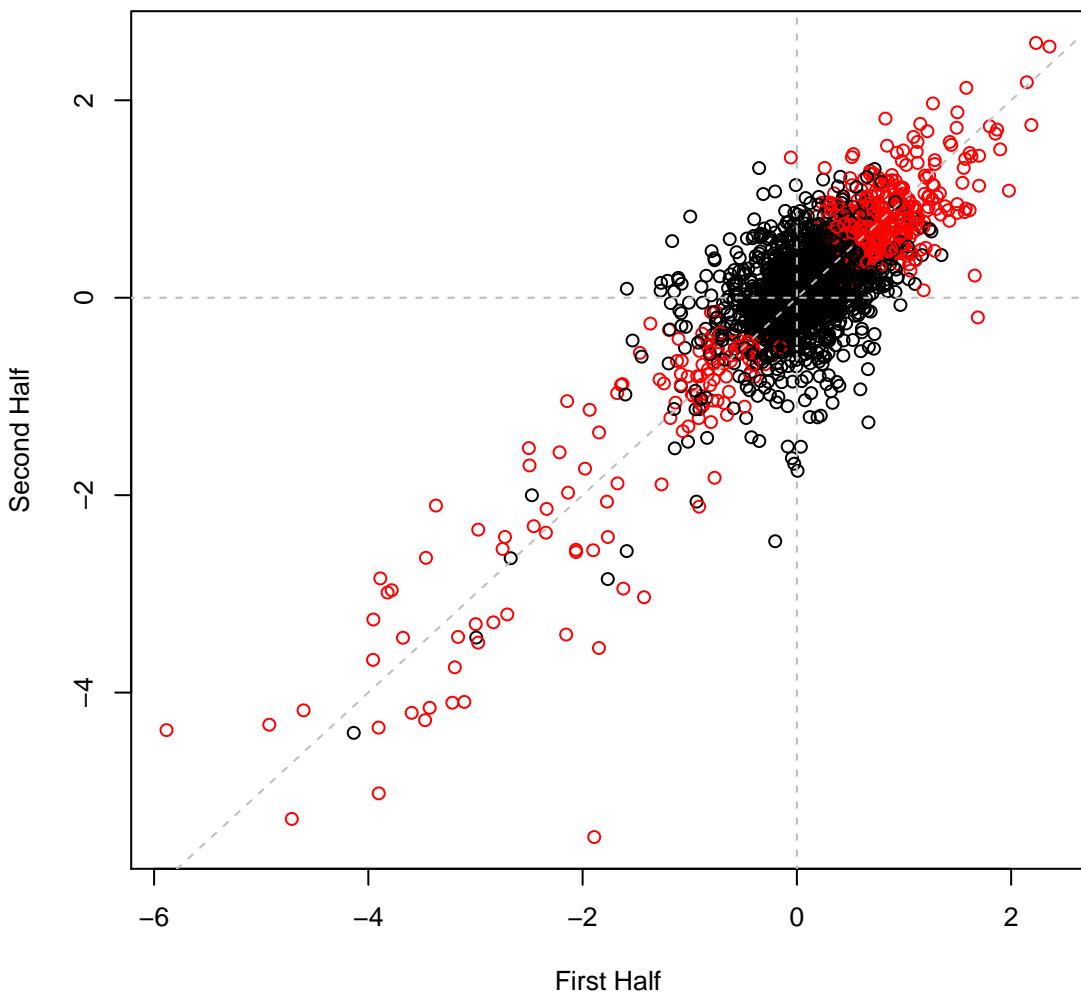
**Phaeo set1H3 #3 (gMed=150 rho12=0.593)**  
**L-Arginine (N)**



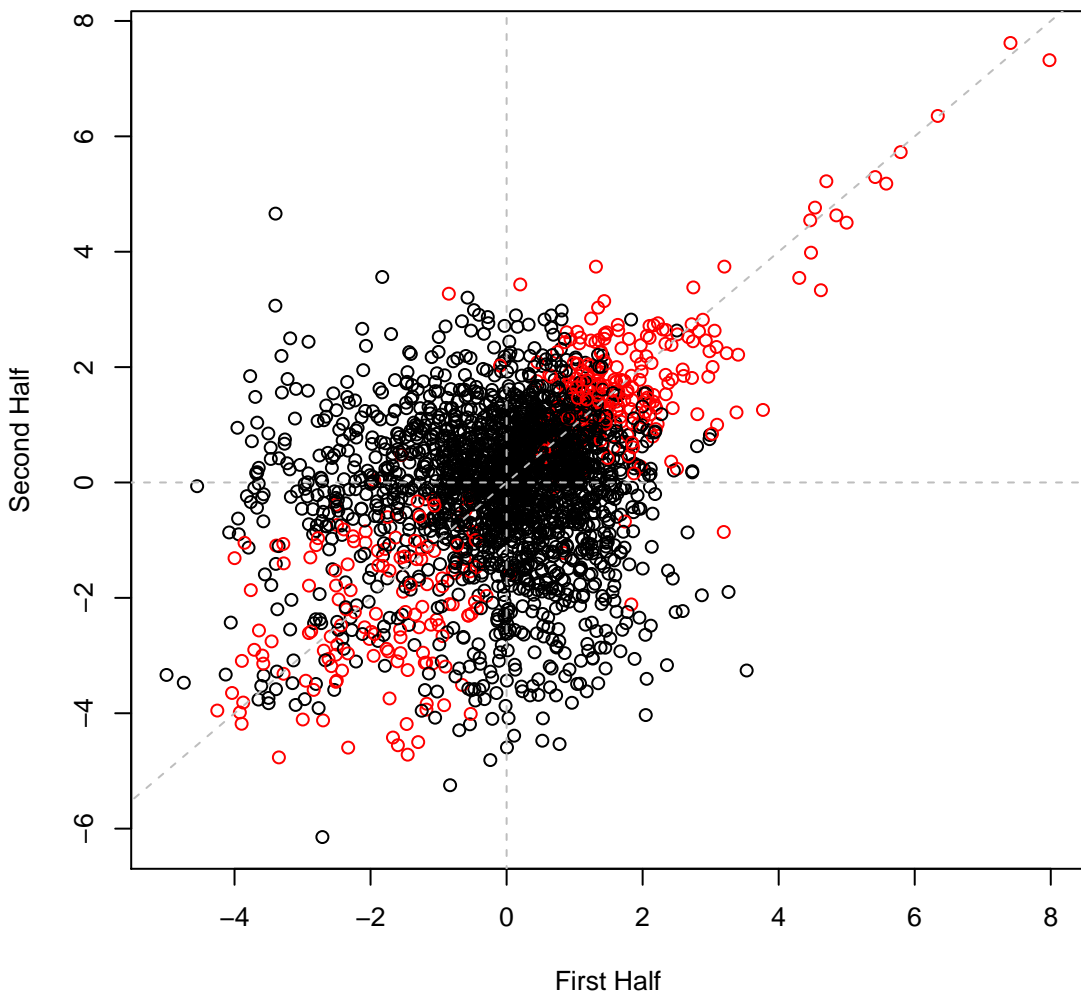
**Phaeo set1H4 #4 (gMed=136 rho12=0.495)**  
**L-Histidine (N)**



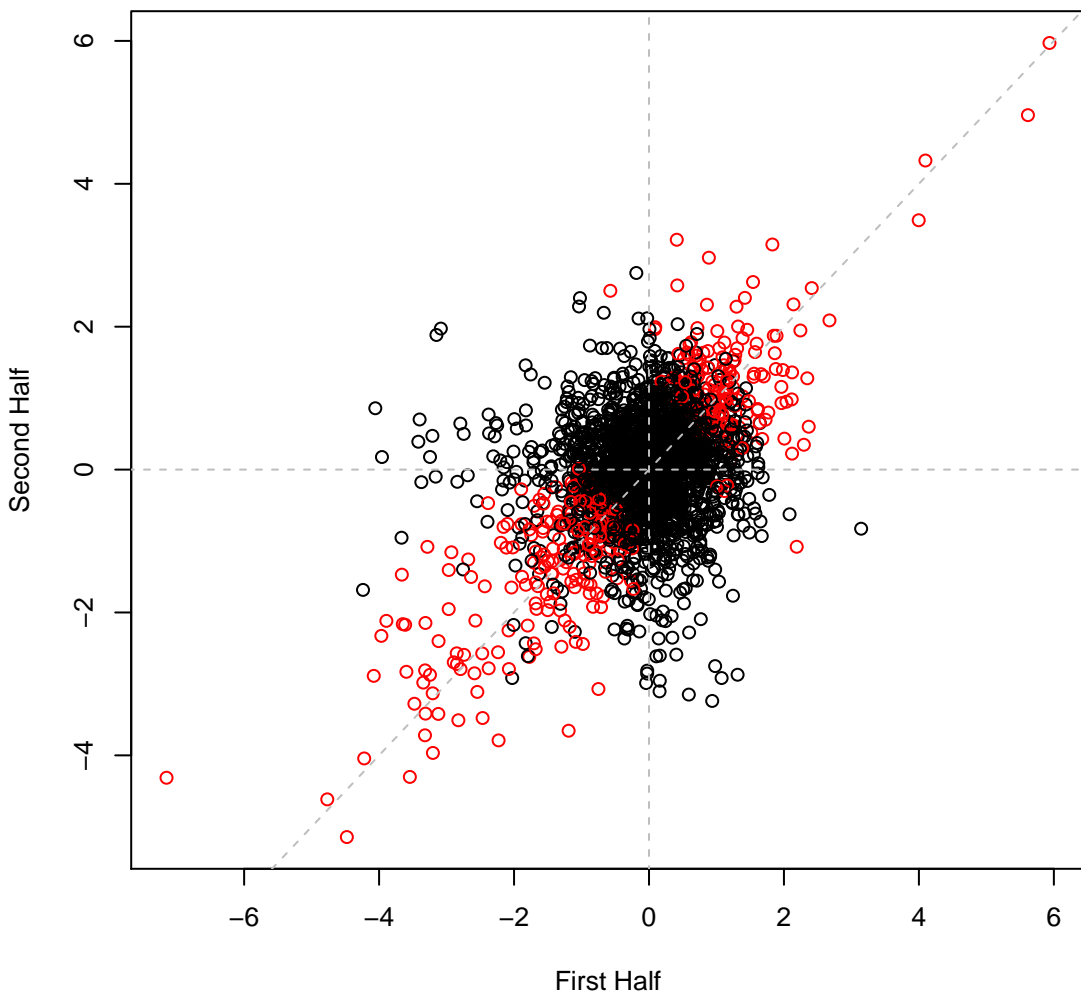
**Phaeo set1H5 #5 (gMed=130 rho12=0.666)**  
**L-Glutamic (N)**



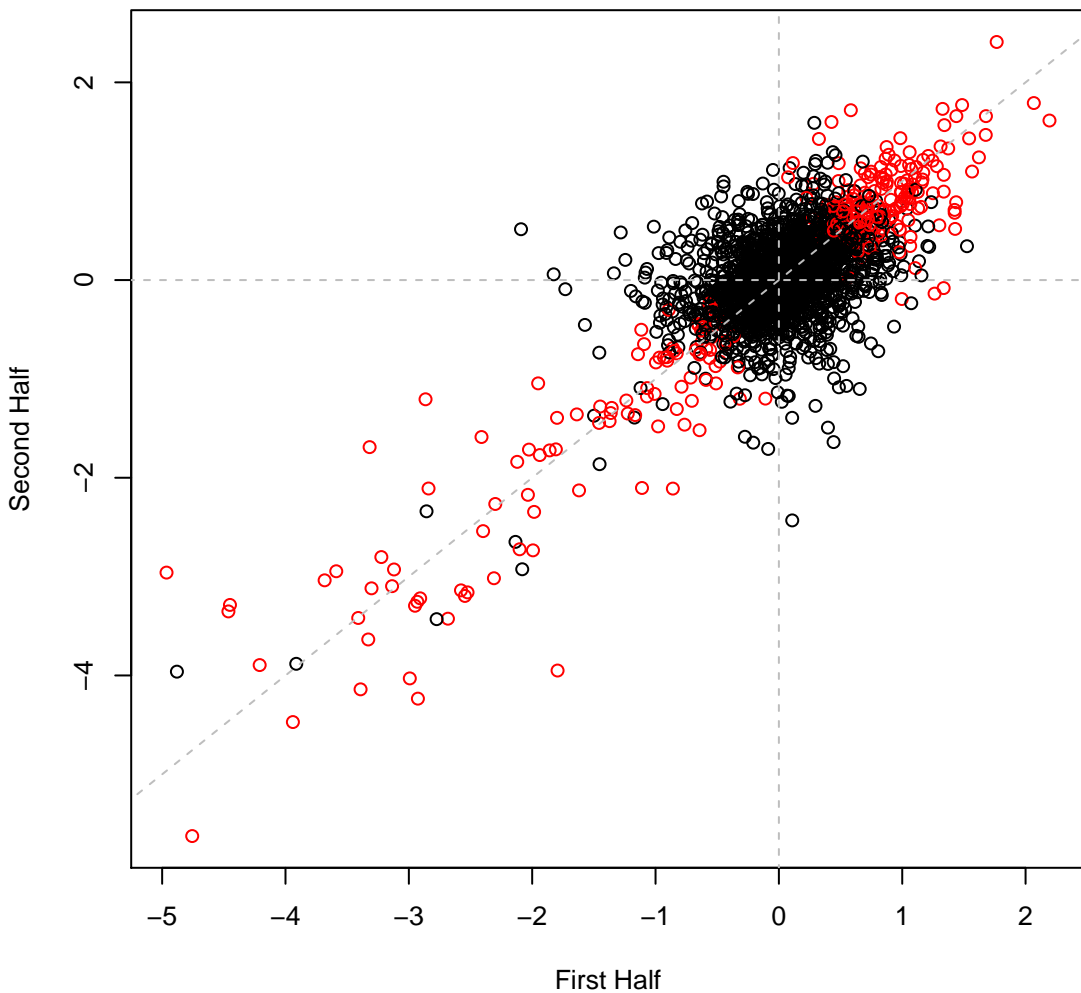
Phaeo set1H6 #6 (gMed=112 rho12=0.306)  
L-Serine (N)



**Phaeo set1H7 #7 (gMed=124 rho12=0.343)**  
**L-Threonine (N)**

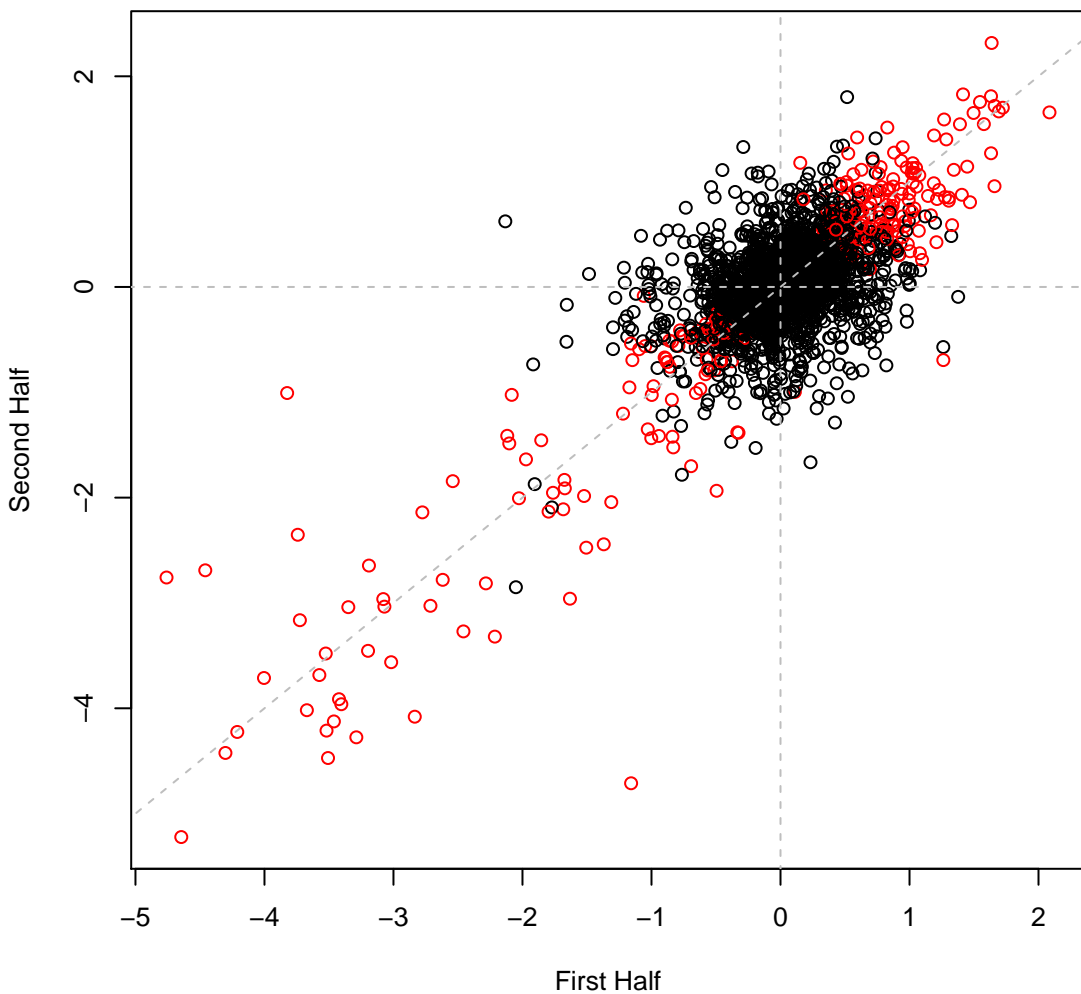


**Phaeo set1H8 #8 (gMed=123 rho12=0.541)**  
**L-Asparagine (N)**

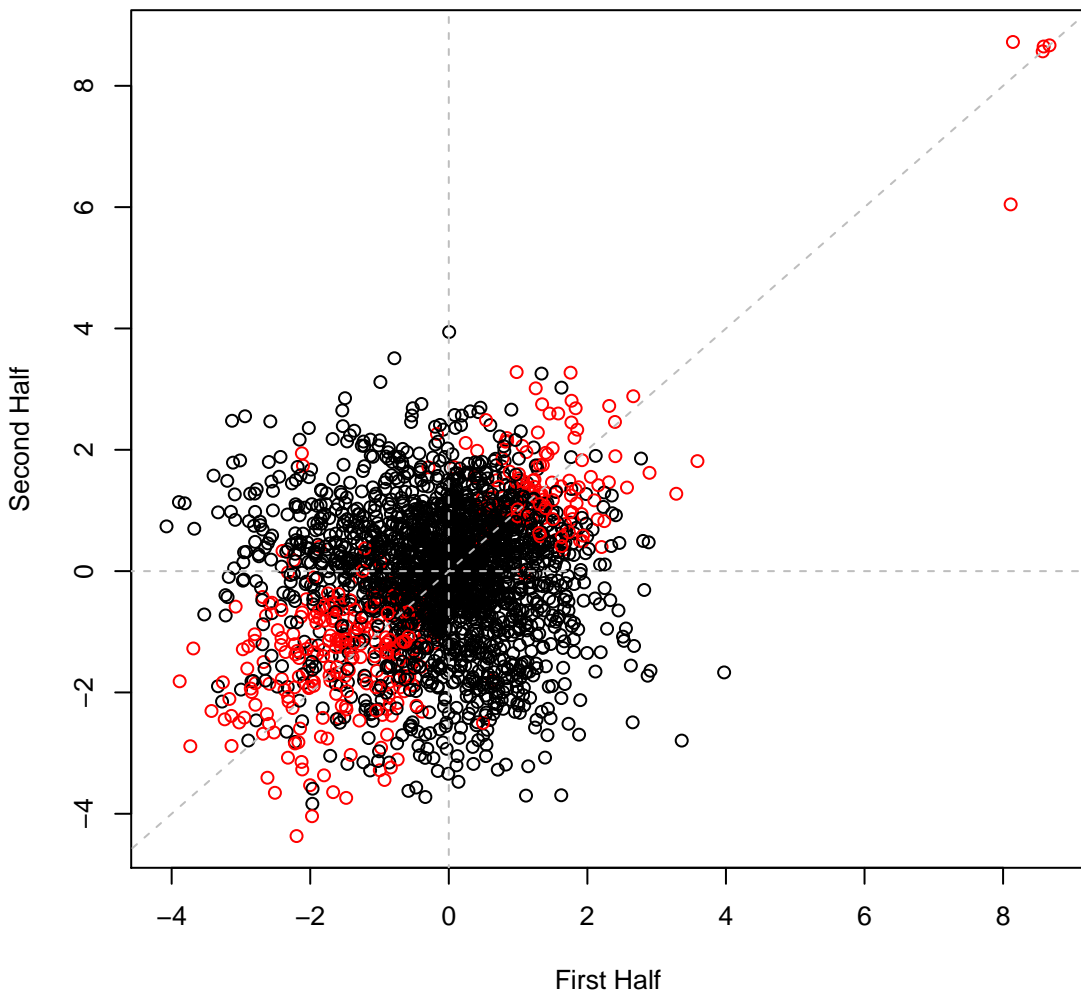




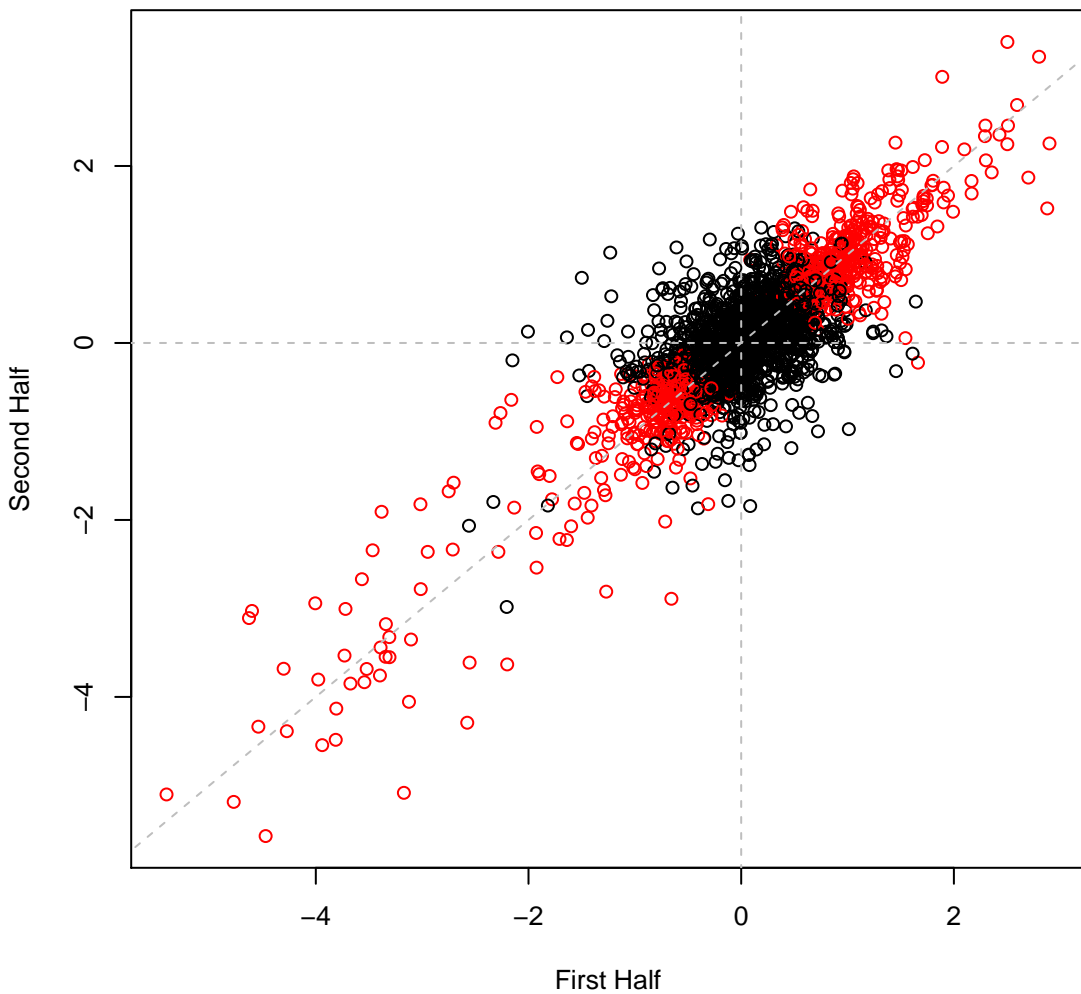
**Phaeo set1H9 #9 (gMed=104 rho12=0.528)**  
**L-Glutamine (N)**



**Phaeo set1H10 #10 (gMed=95 rho12=0.194)**  
**Glycine (N)**

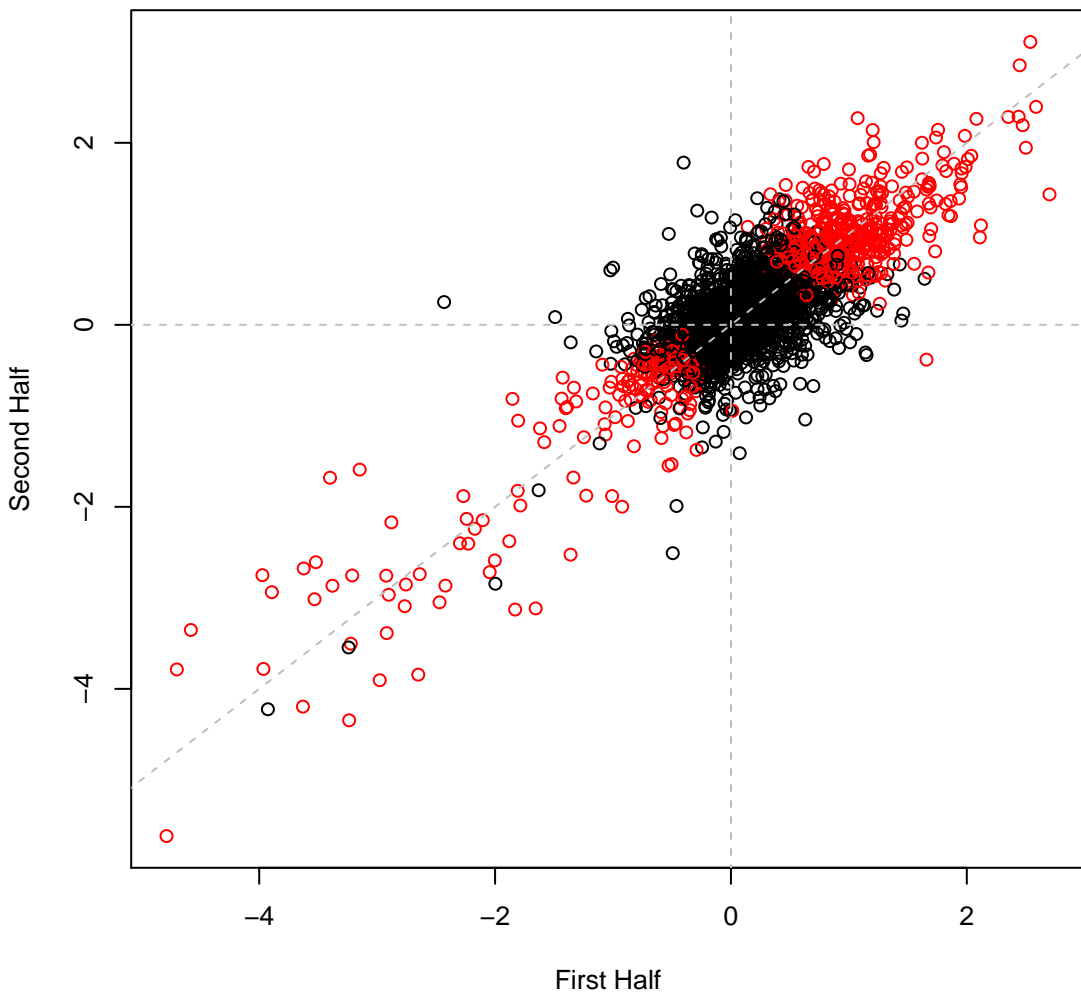


**Phaeo set1H11 #11 (gMed=124 rho12=0.757)**  
**L-Proline (N)**

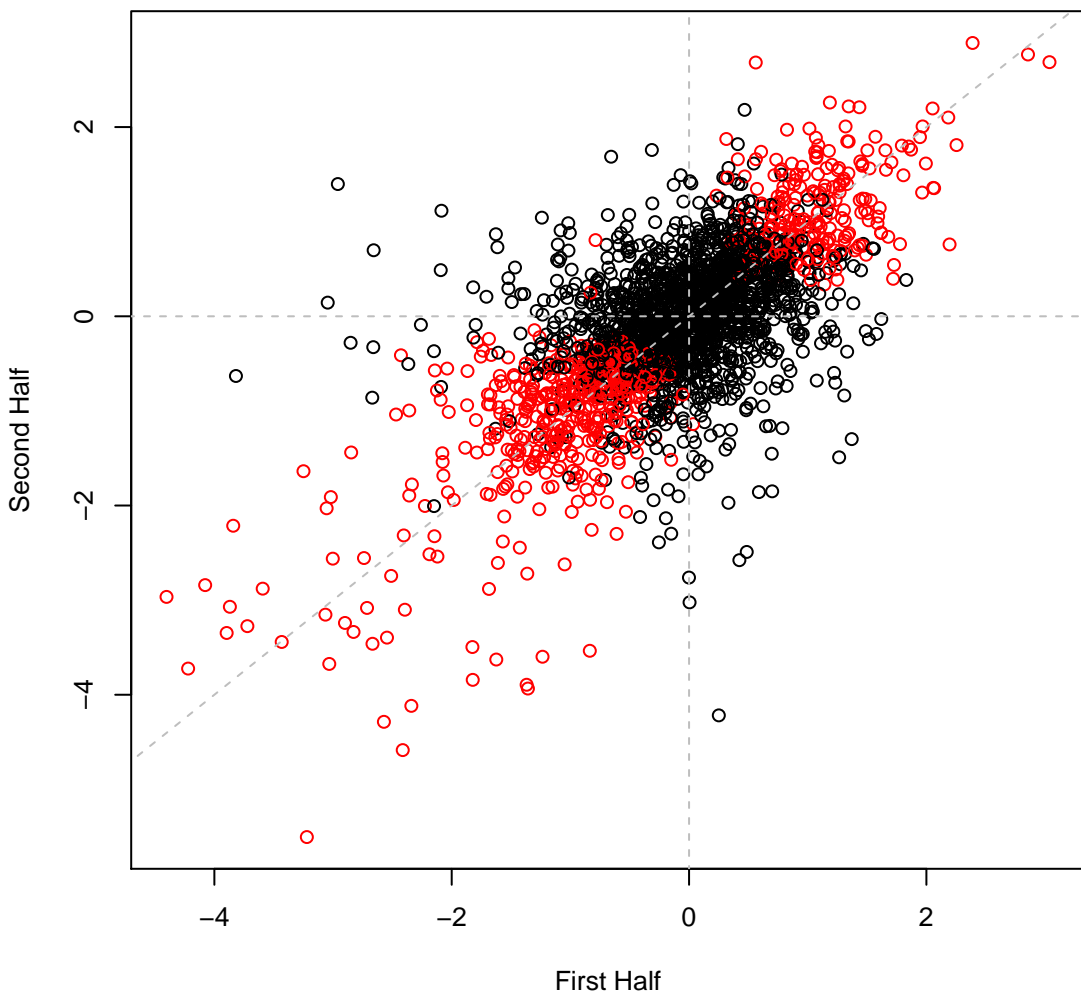


**Phaeo set1H12 #12 (gMed=131 rho12=0.748)**

**L-Alanine (N)**

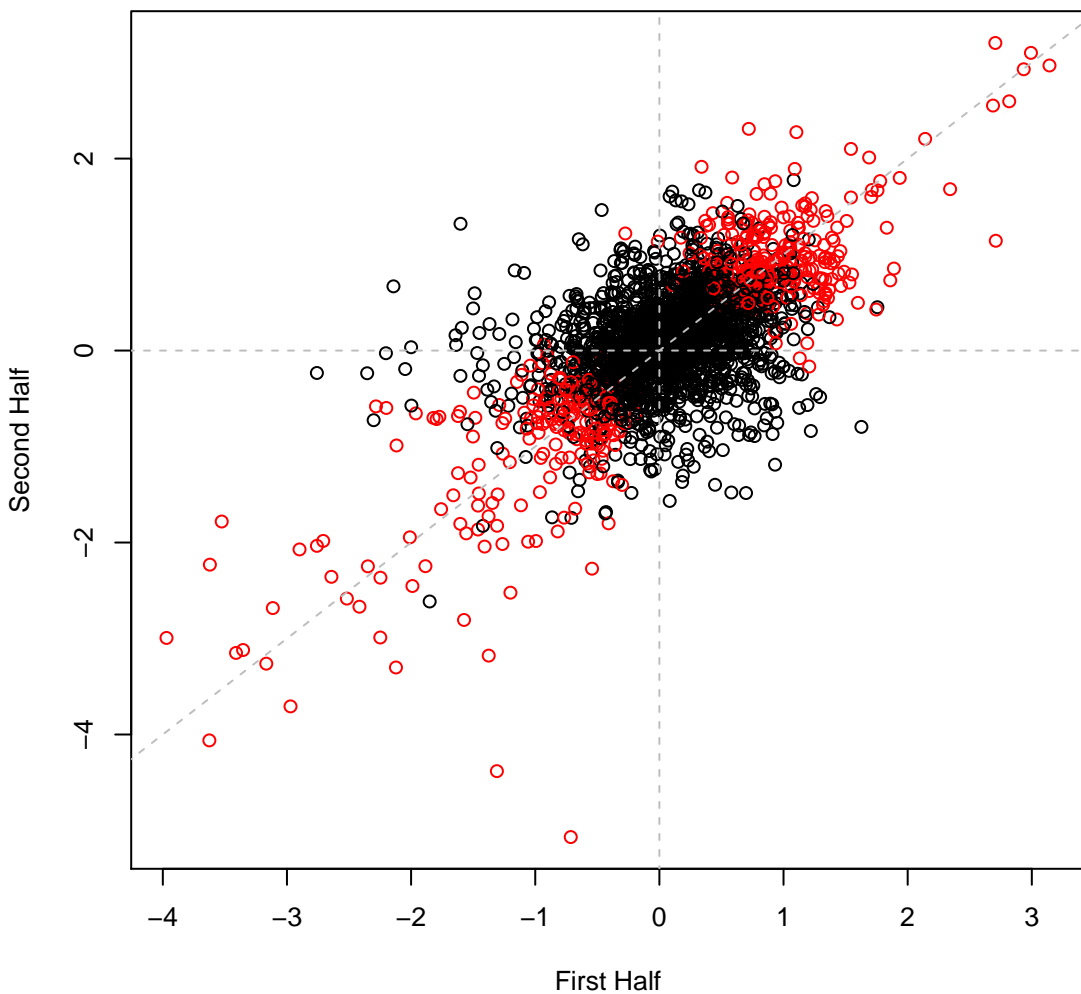


**Phaeo set1H13 #13 (gMed=120 rho12=0.660)**  
**L-Valine (N)**

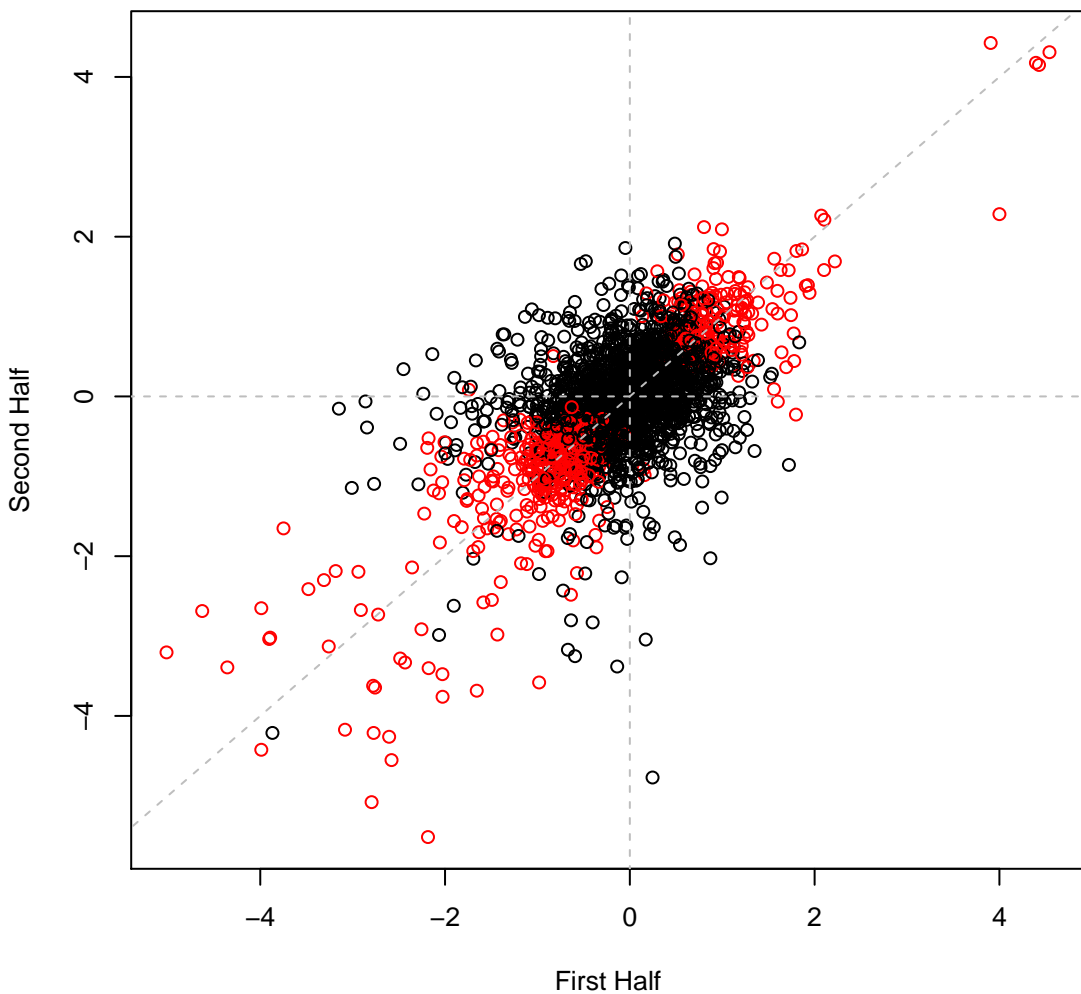


**Phaeo set1H14 #14 (gMed=84 rho12=0.593)**

**L-Leucine (N)**

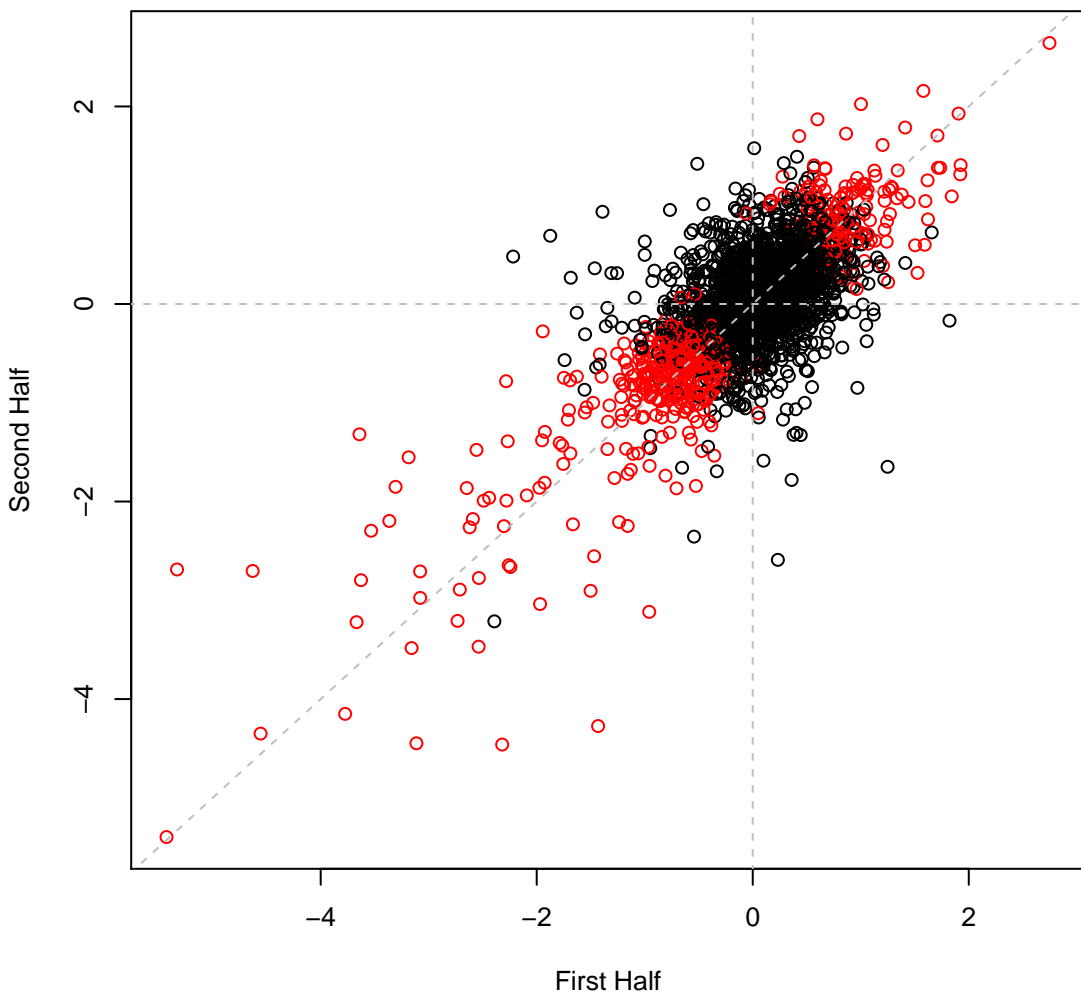


**Phaeo set1H15 #15 (gMed=118 rho12=0.601)**  
**L-Phenylalanine (N)**



**Phaeo set1H16 #16 (gMed=144 rho12=0.668)**

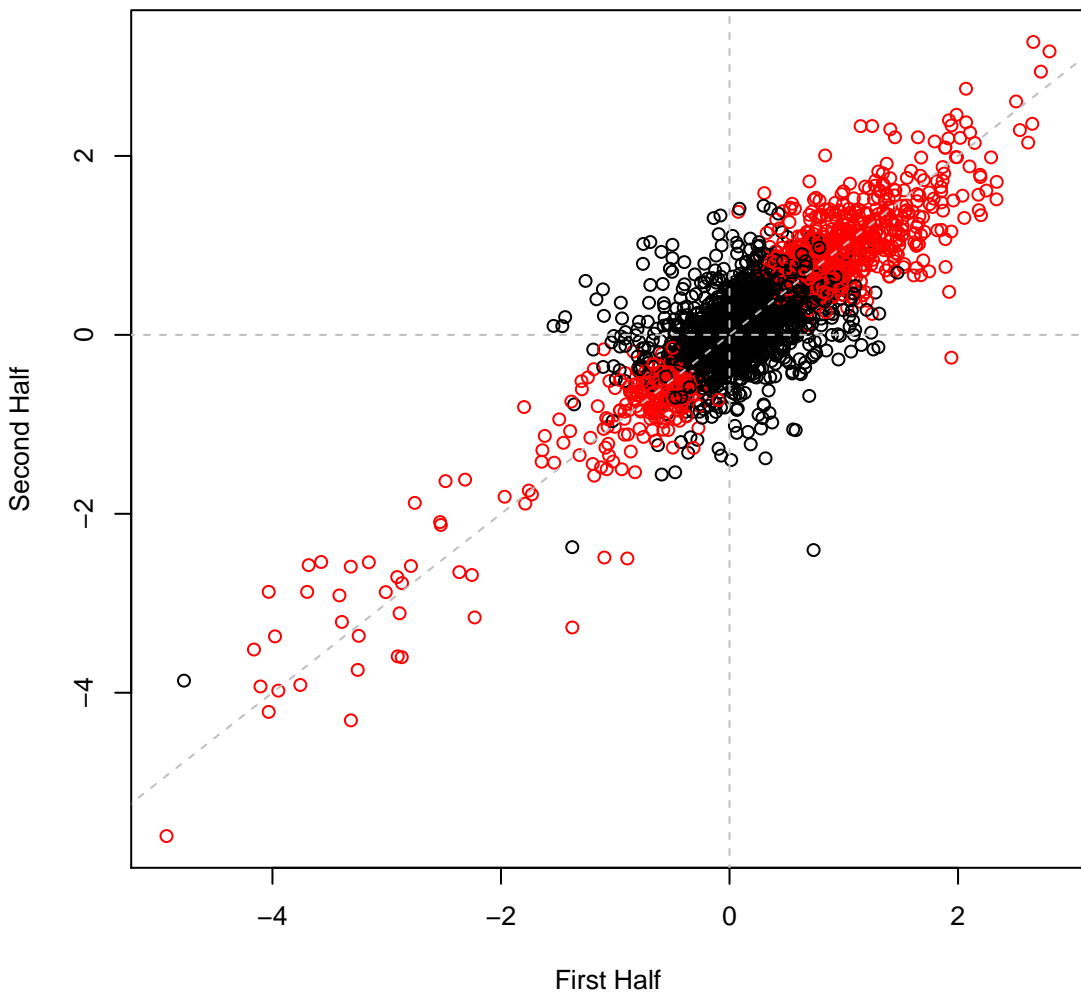
**D-Alanine (N)**



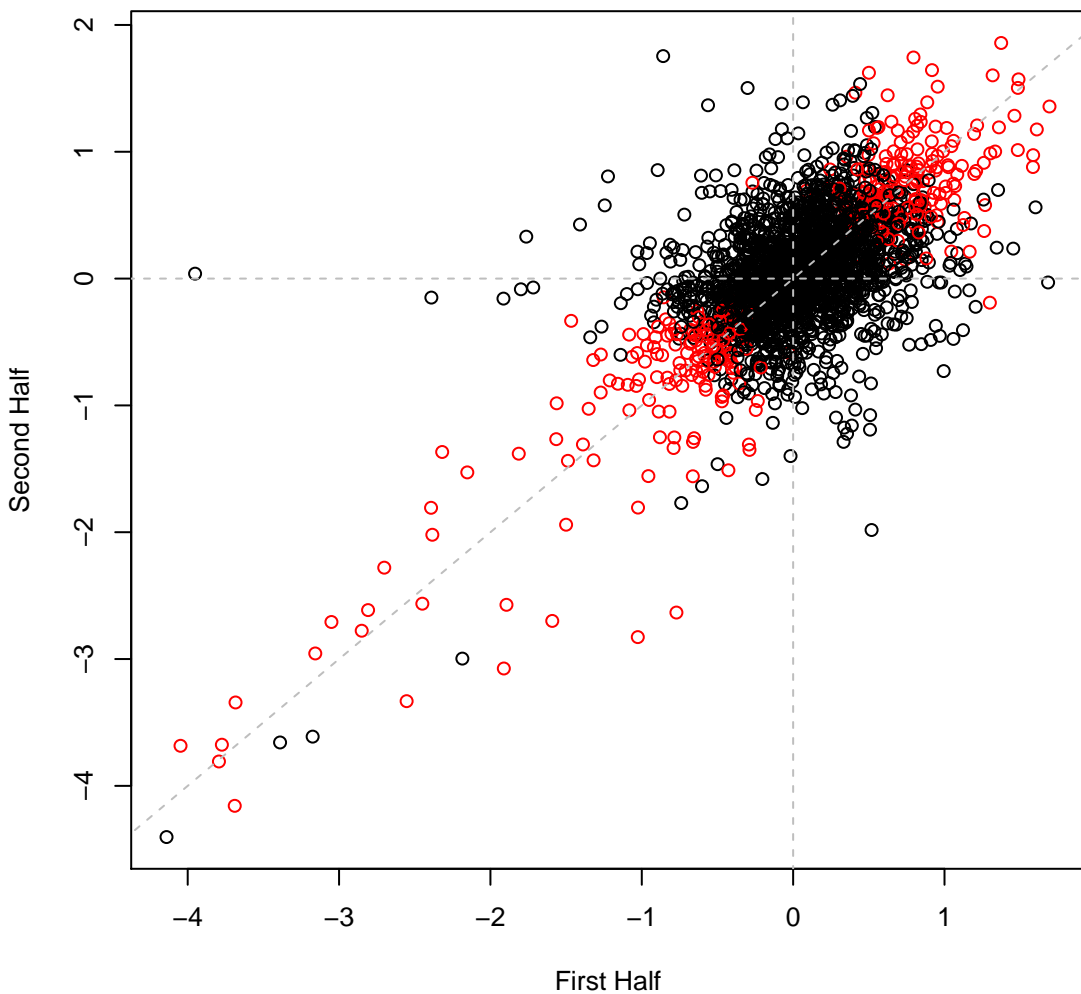


**Phaeo set1H17 #17 (gMed=143 rho12=0.795)**

**L-Citrulline (N)**



**Phaeo set1H18 #18 (gMed=129 rho12=0.560)**  
**casaminos (N)**

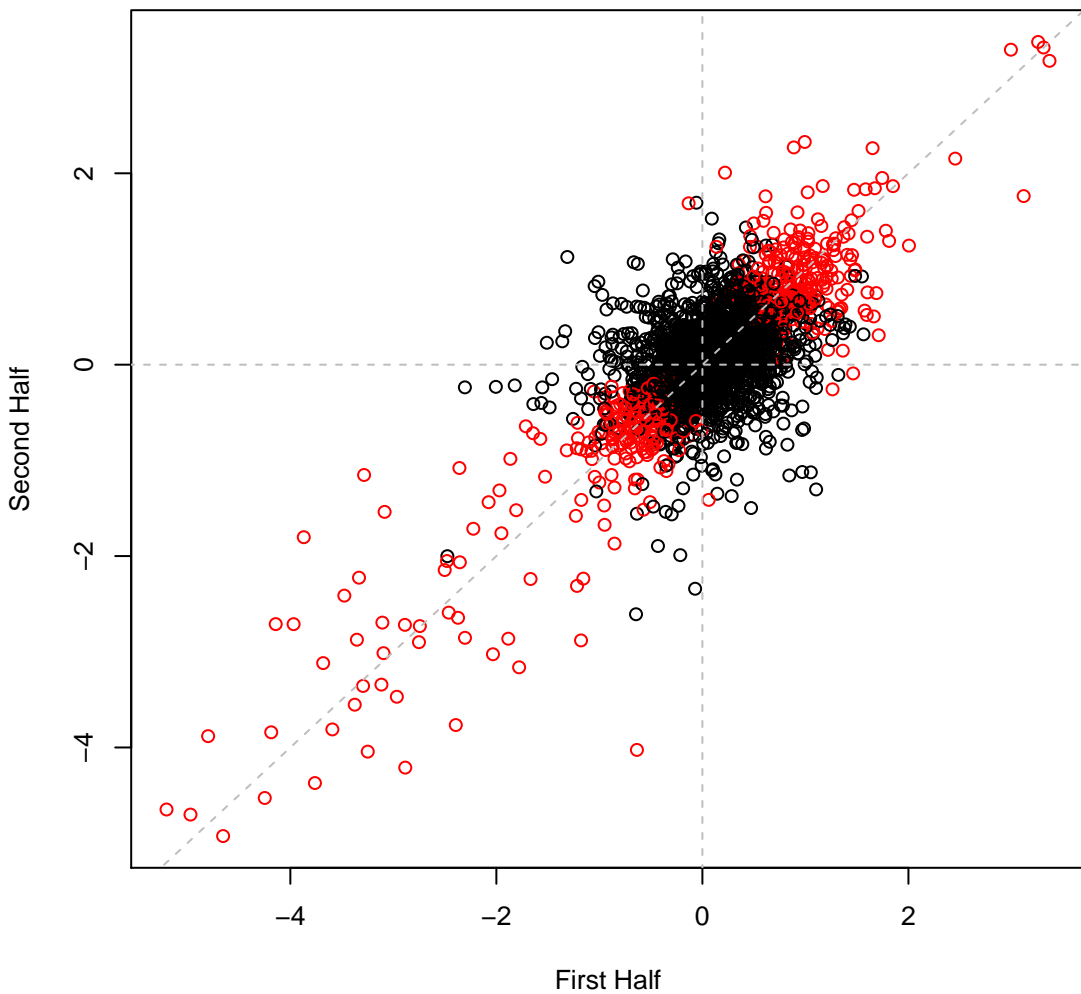


## Putrescine (N)

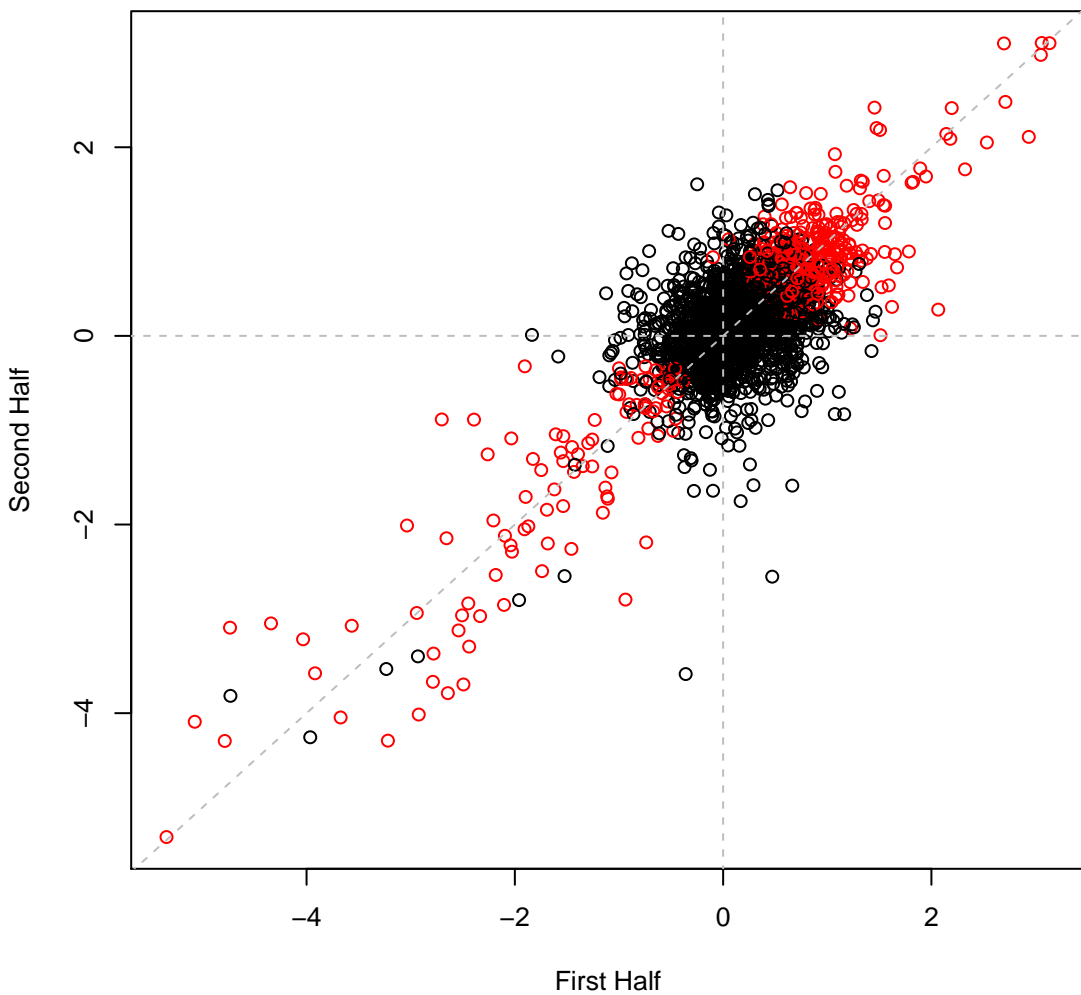


Phaeo set1H20 #20 (gMed=123 rho12=0.634)

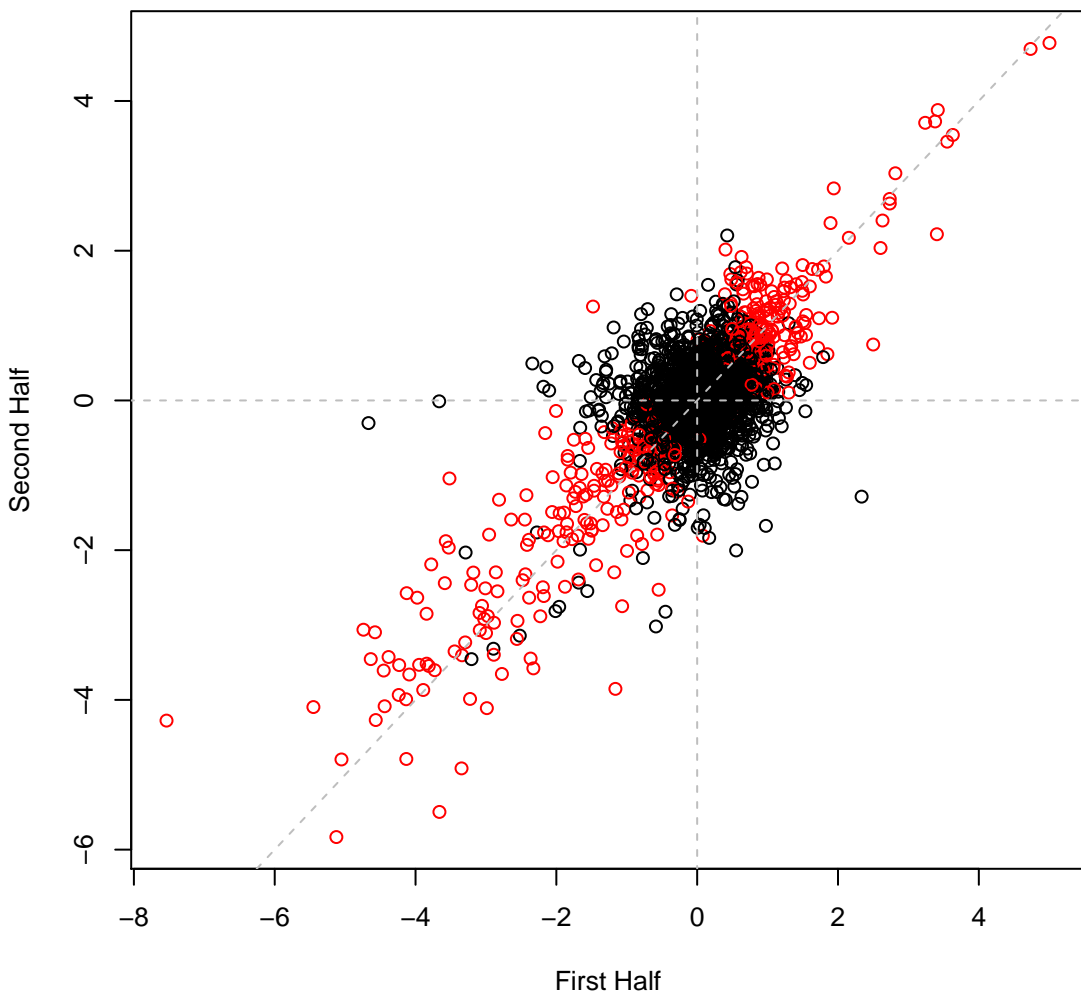
Cytidine (N)



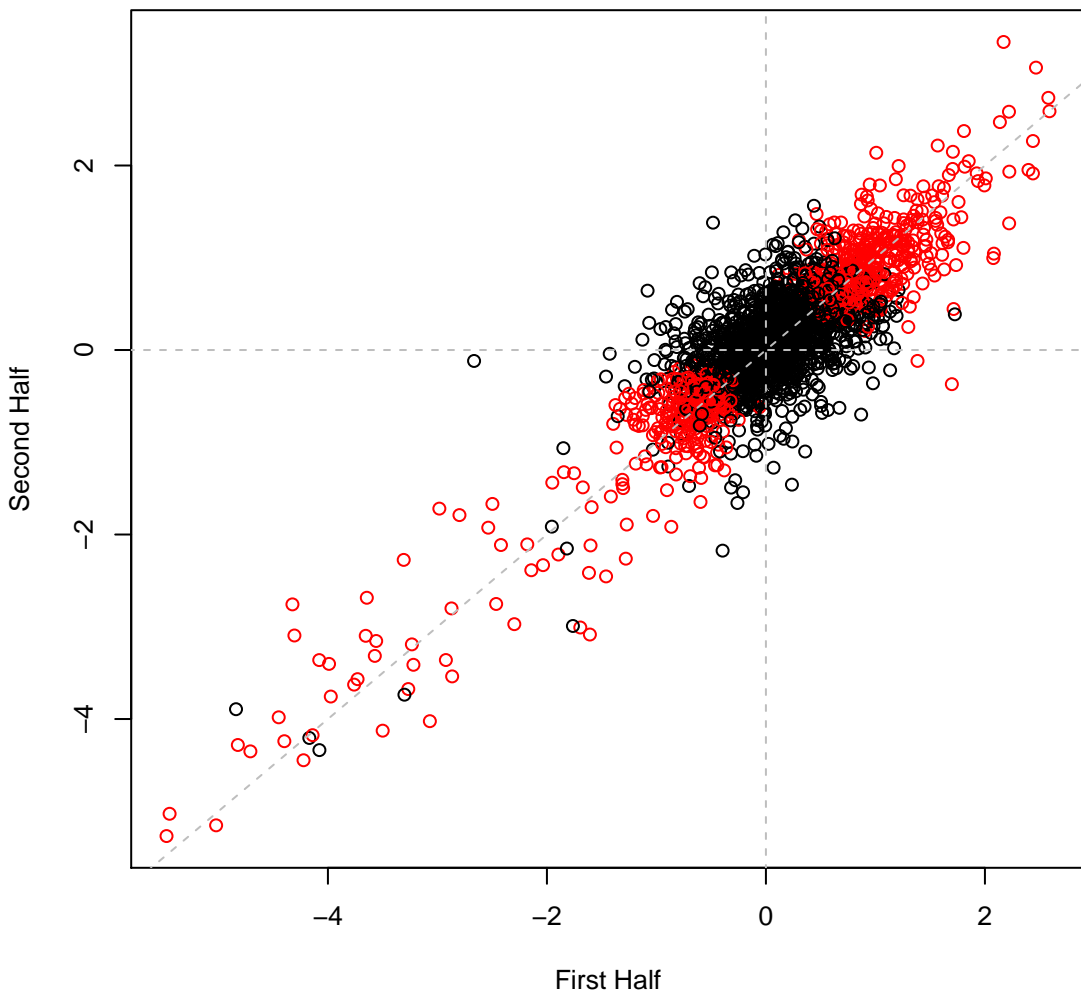
**Phaeo set1H21 #21 (gMed=125 rho12=0.597)**  
**L-Arginine (N)**



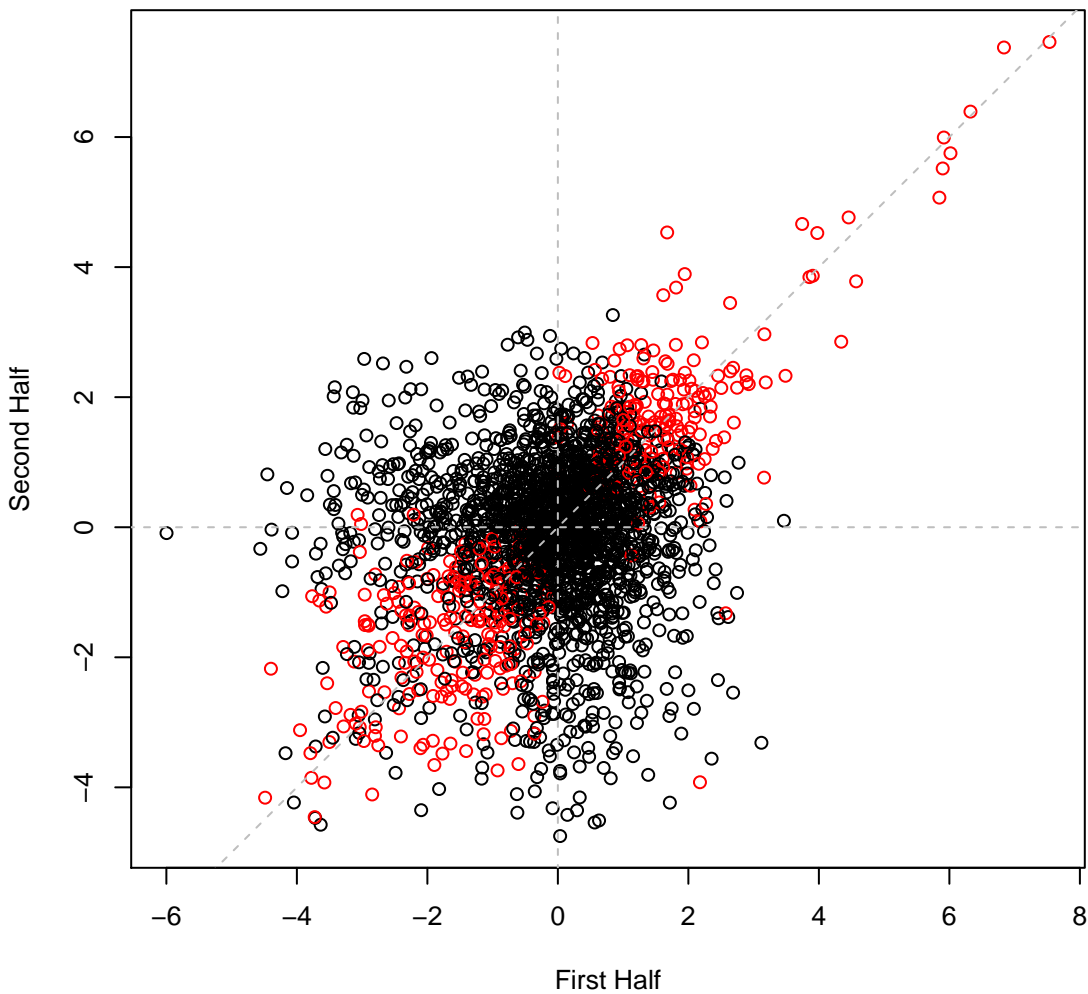
**Phaeo set1H22 #22 (gMed=123 rho12=0.524)**  
**L-Histidine (N)**



**Phaeo set1H23 #23 (gMed=133 rho12=0.785)**  
**L-Glutamic (N)**

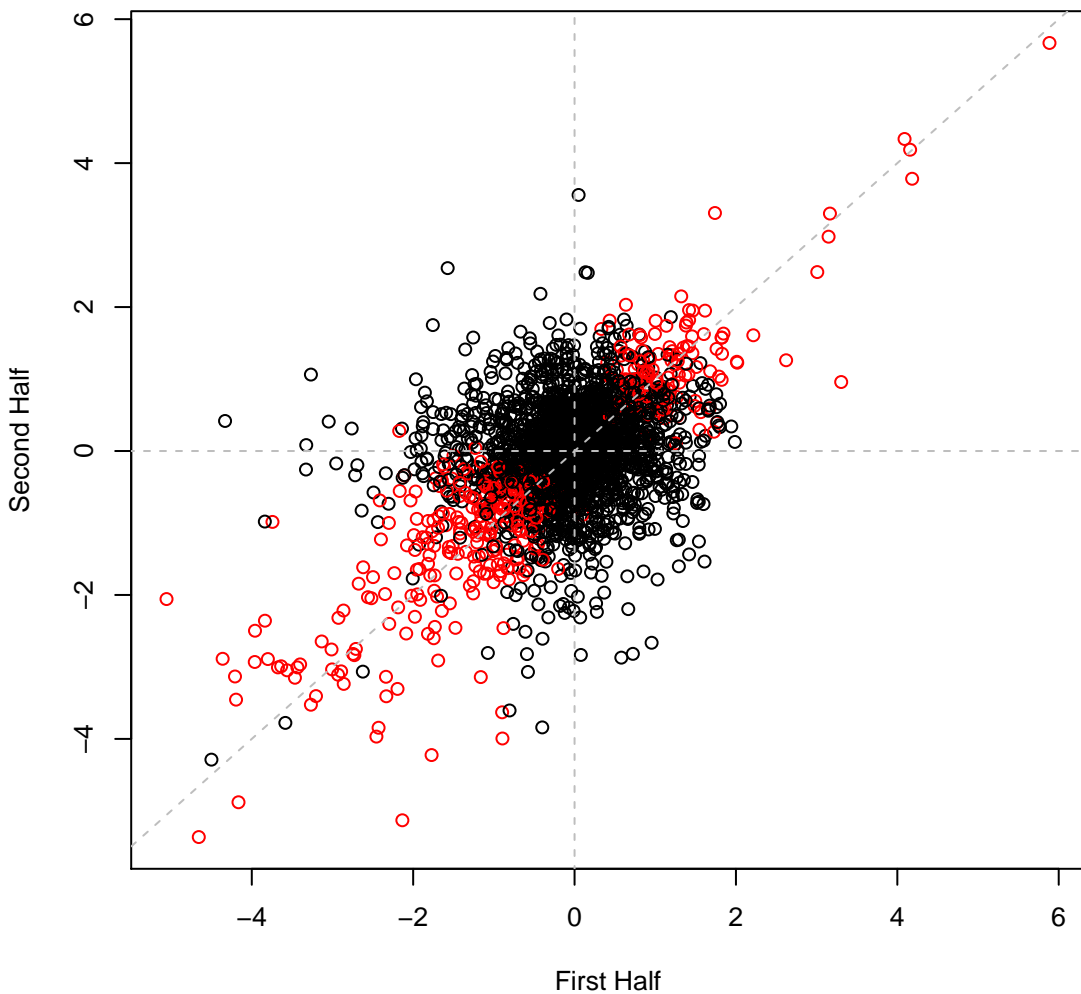


**Phaeo set1H24 #24 (gMed=86 rho12=0.310)**  
**L-Serine (N)**



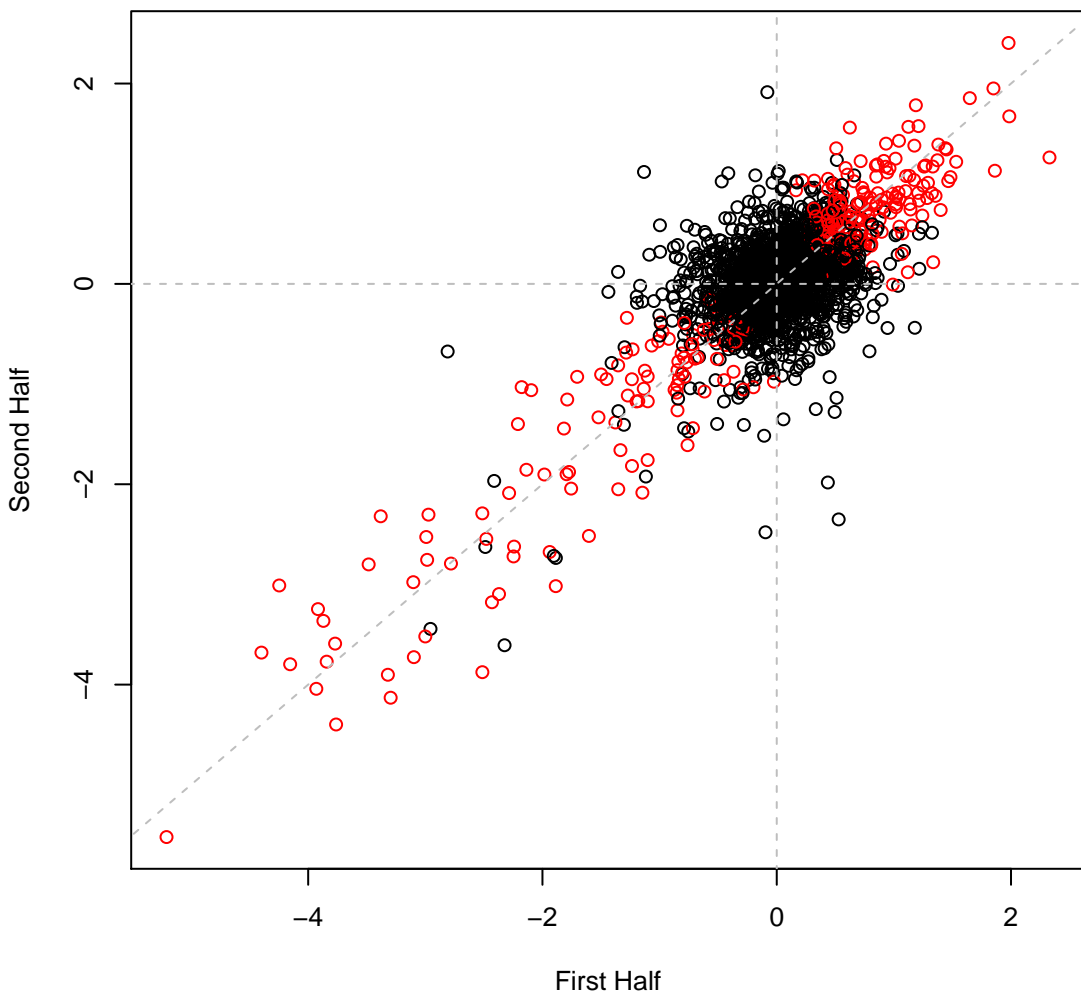


**Phaeo set1H25 #25 (gMed=154 rho12=0.407)**  
**L-Threonine (N)**

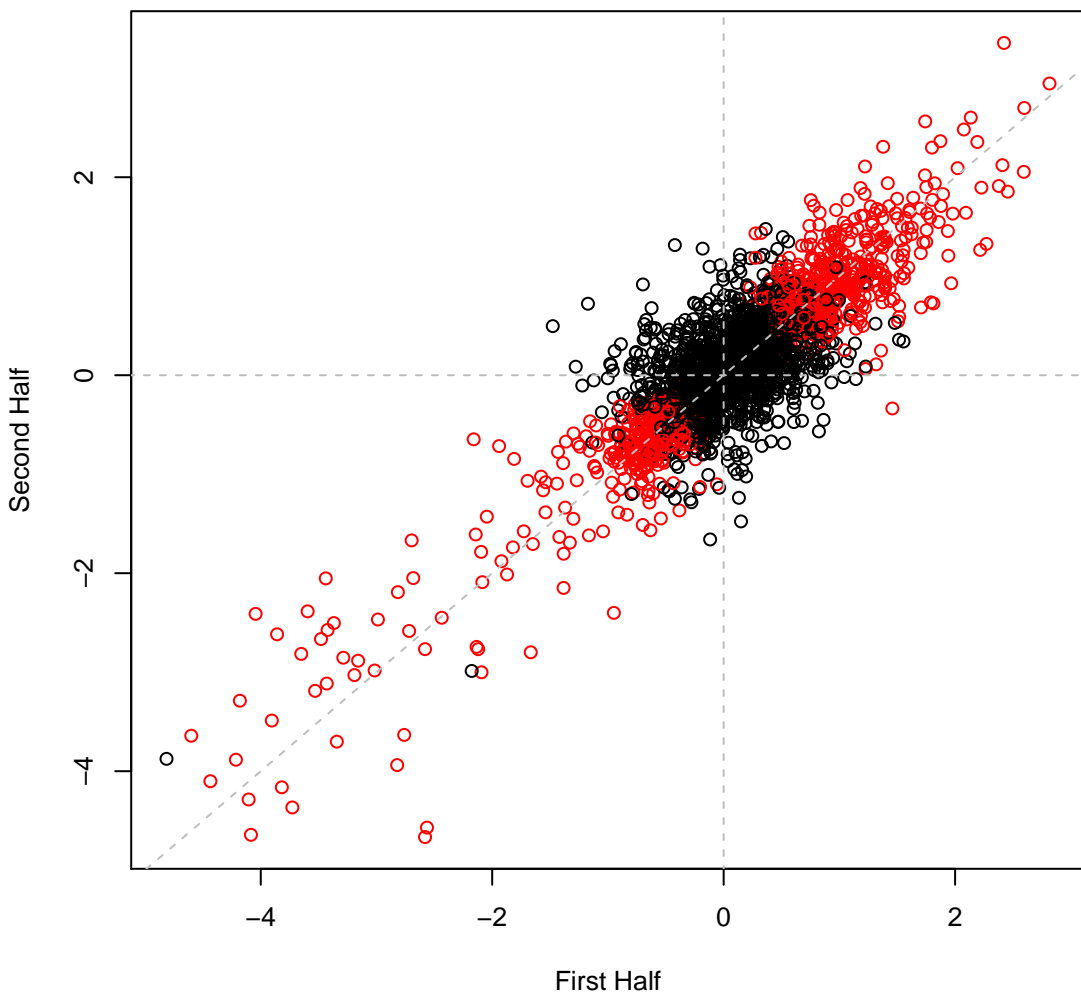


Phaeo set1H26 #26 (gMed=134 rho12=0.514)

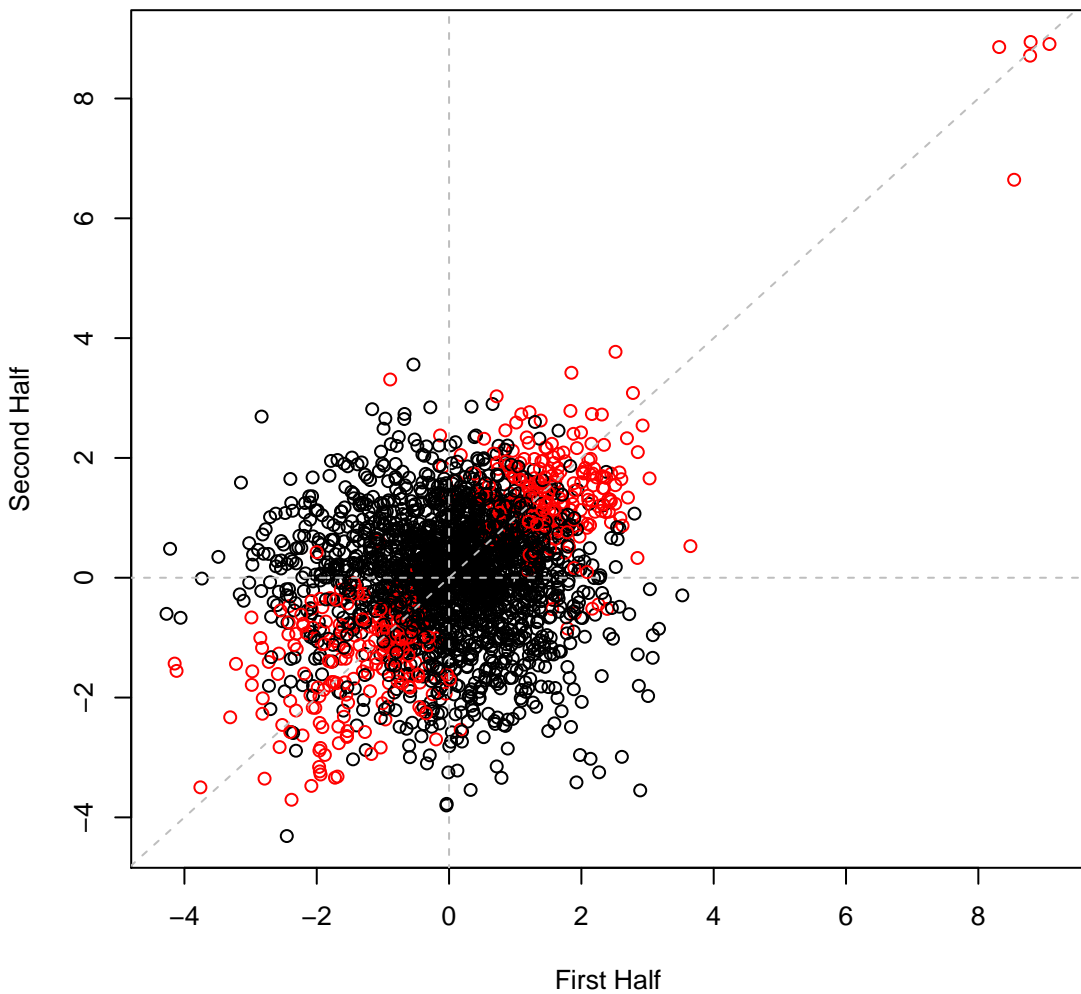
L-Asparagine (N)



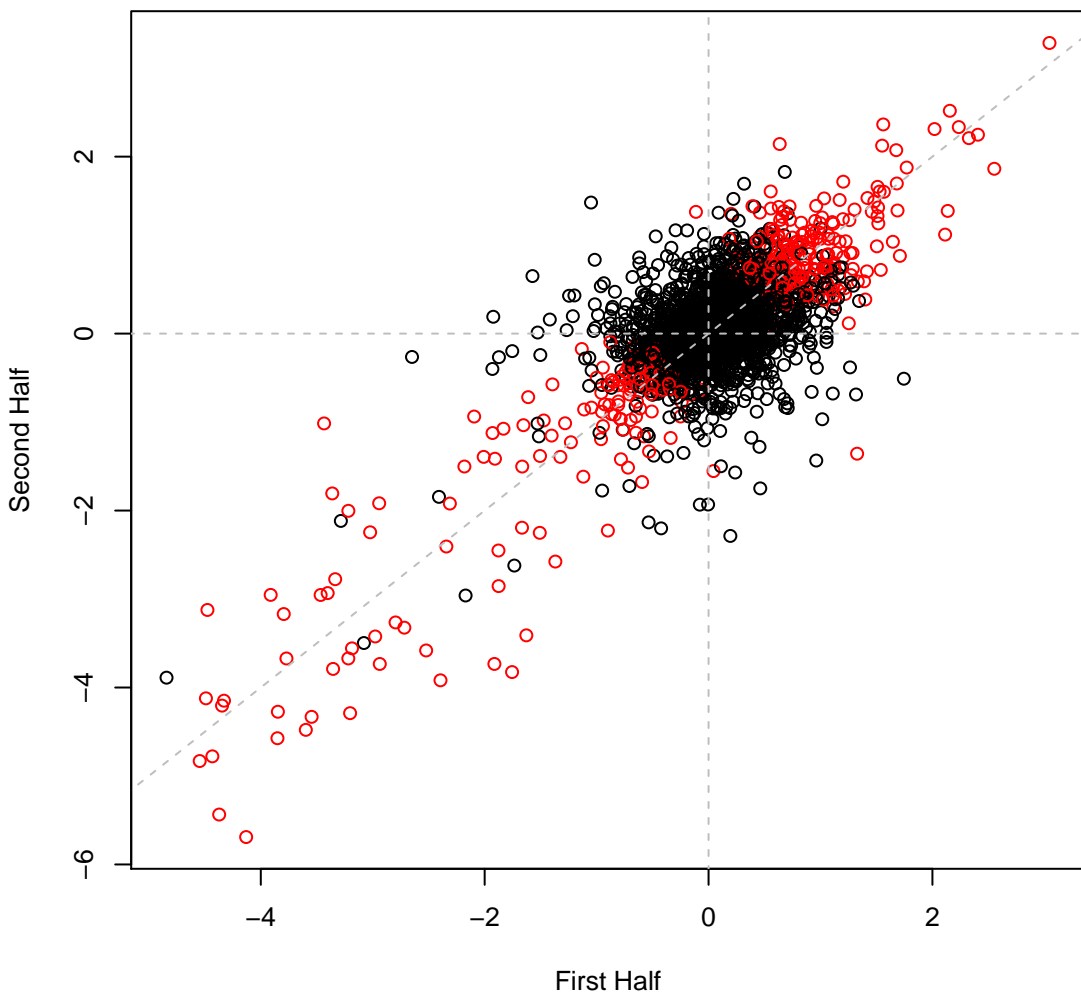
**Phaeo set1H27 #27 (gMed=134 rho12=0.792)**  
**L-Glutamine (N)**



**Phaeo set1H28 #28 (gMed=79 rho12=0.272)**  
**Glycine (N)**

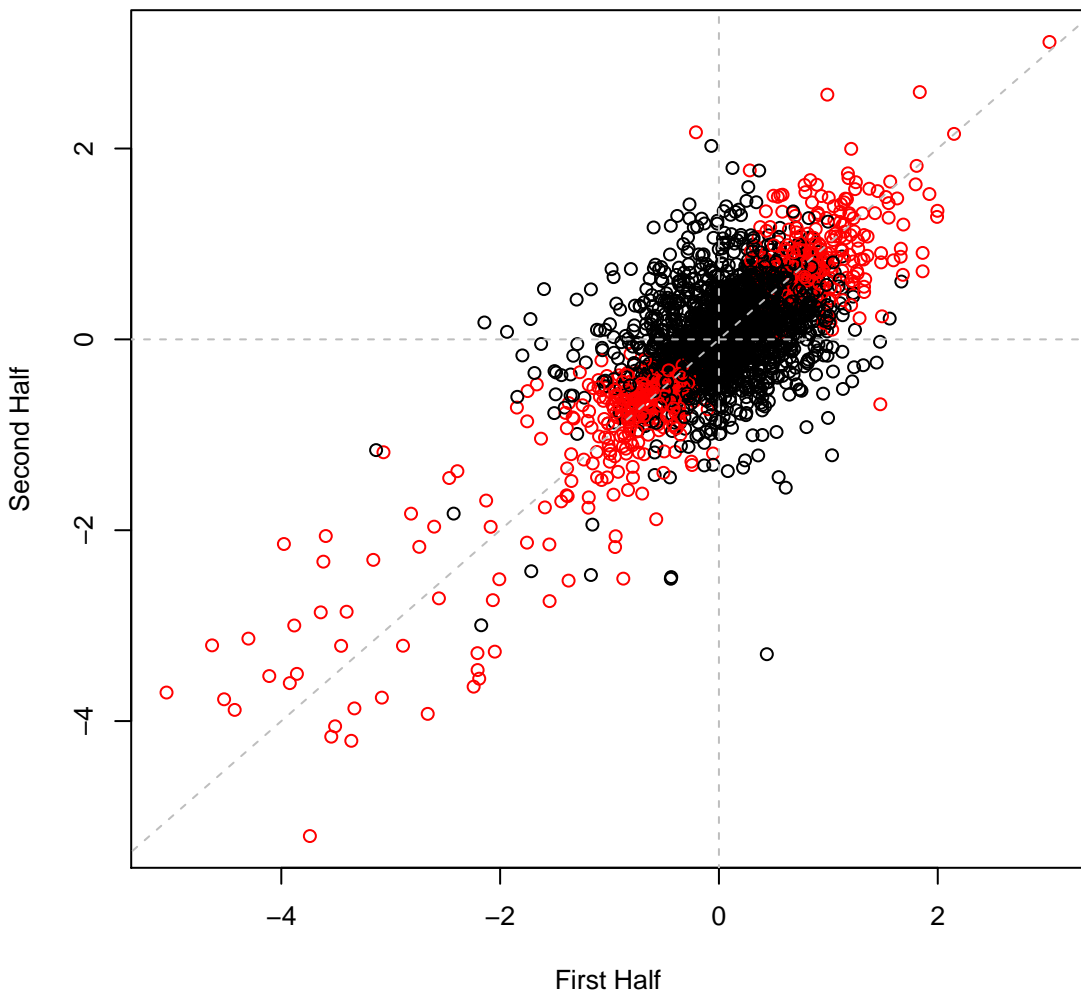


**Phaeo set1H29 #29 (gMed=123 rho12=0.563)**  
**L-Proline (N)**

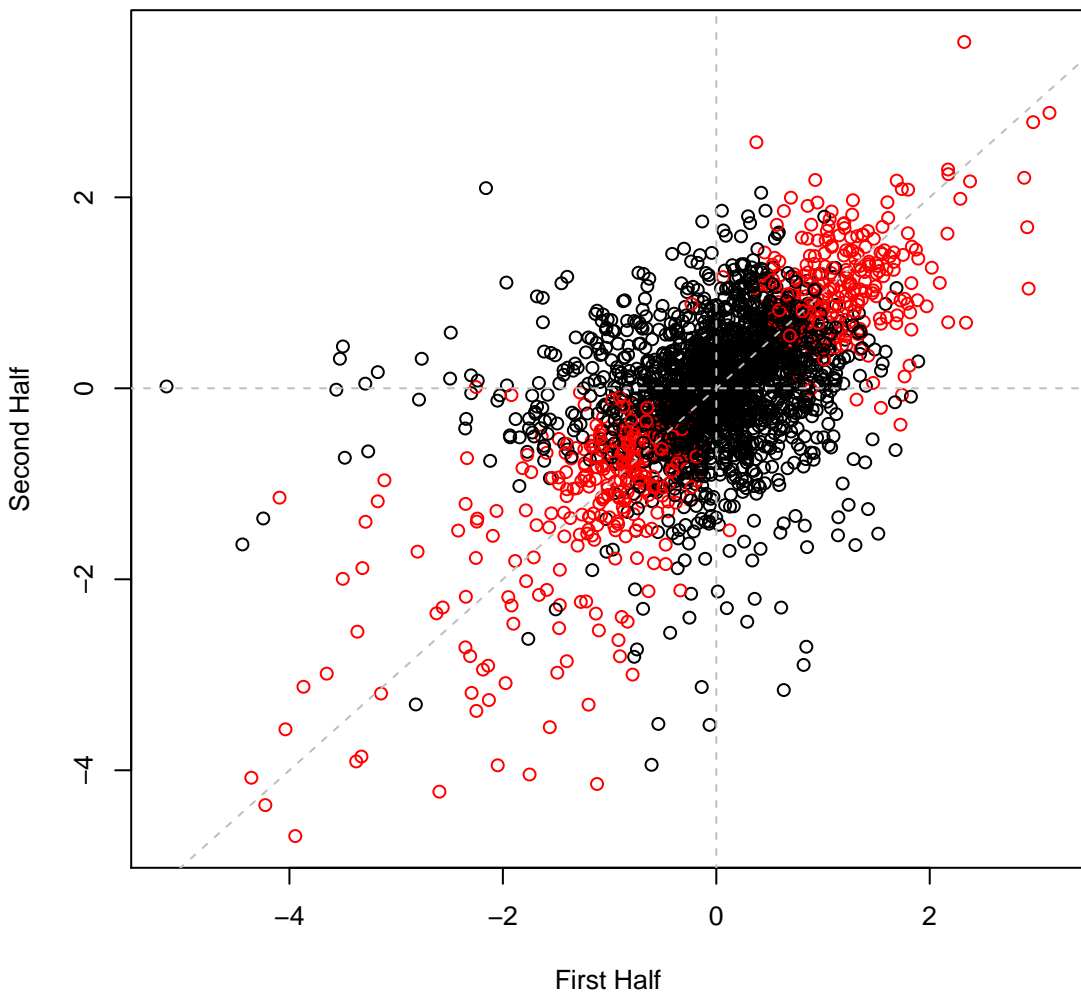


Phaeo set1H30 #30 (gMed=106 rho12=0.636)

L-Alanine (N)

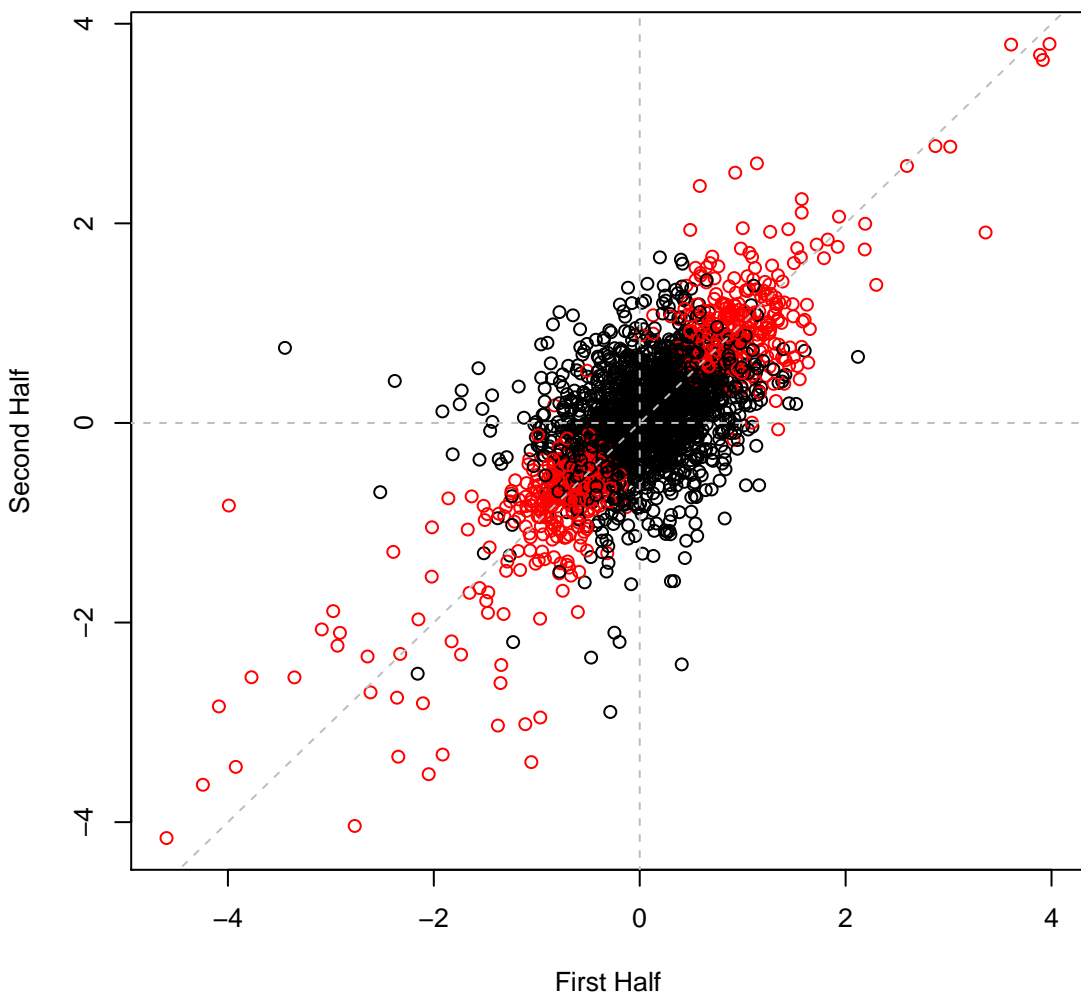


**Phaeo set1H31 #31 (gMed=98 rho12=0.568)**  
**L-Valine (N)**



Phaeo set1H32 #32 (gMed=109 rho12=0.654)

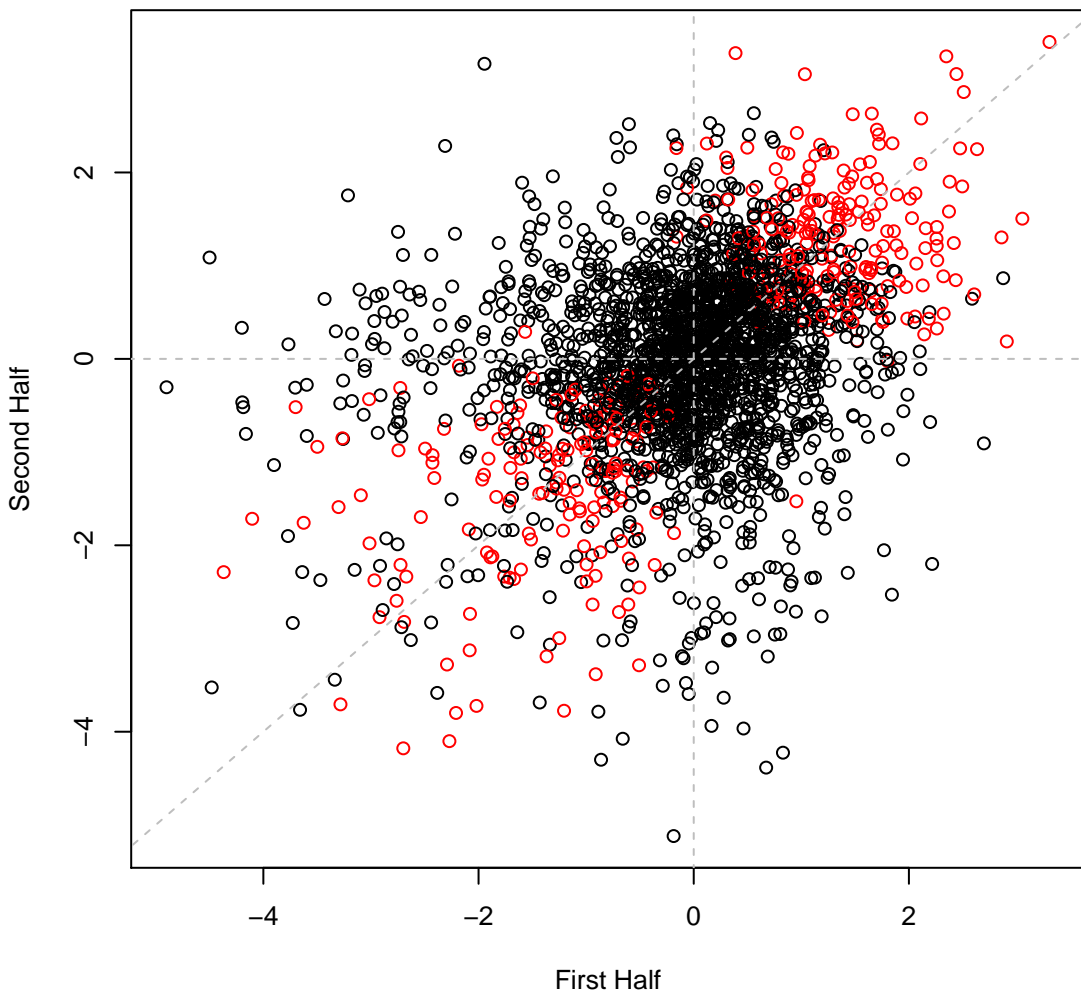
L-Leucine (N)



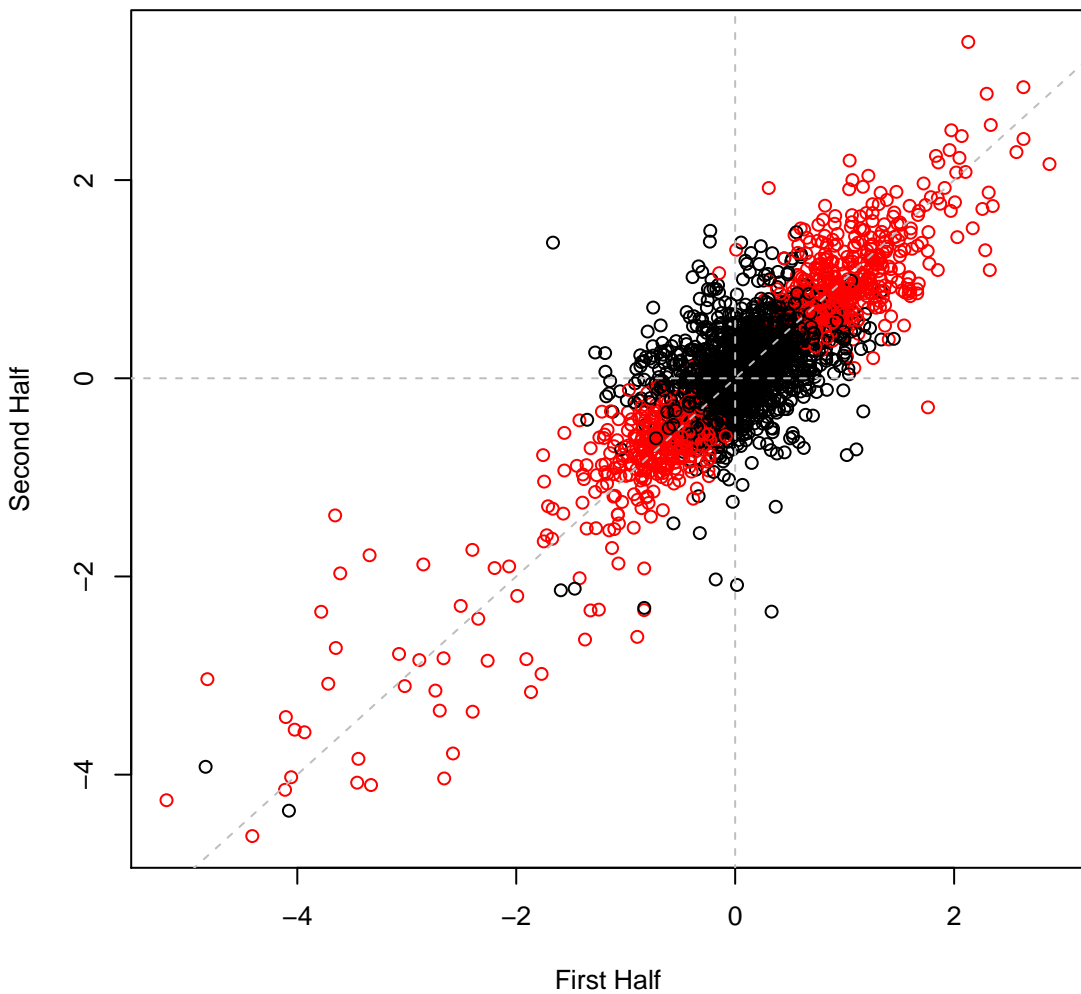


**Phaeo set1H34 #34 (gMed=52 rho12=0.351)**

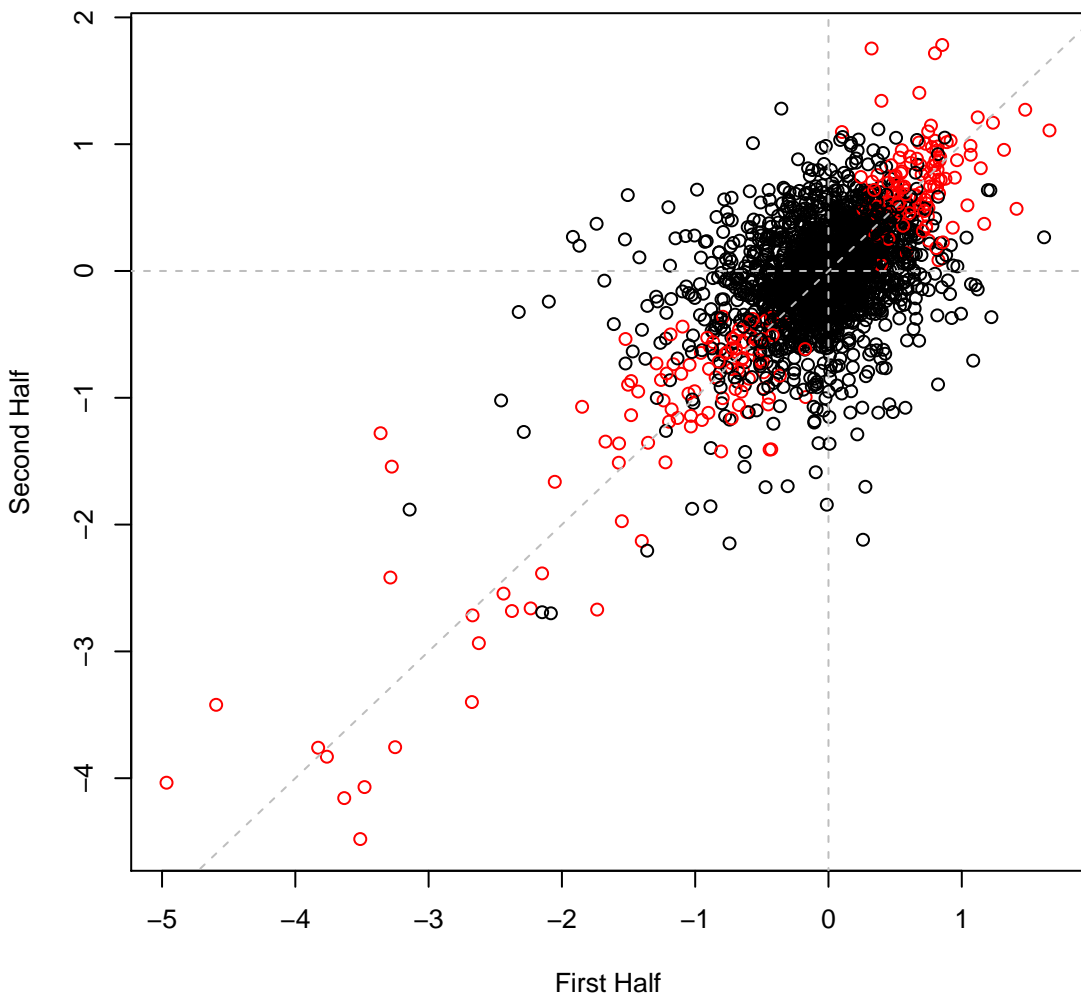
**D-Alanine (N)**



**Phaeo set1H35 #35 (gMed=135 rho12=0.780)**  
**L-Citrulline (N)**

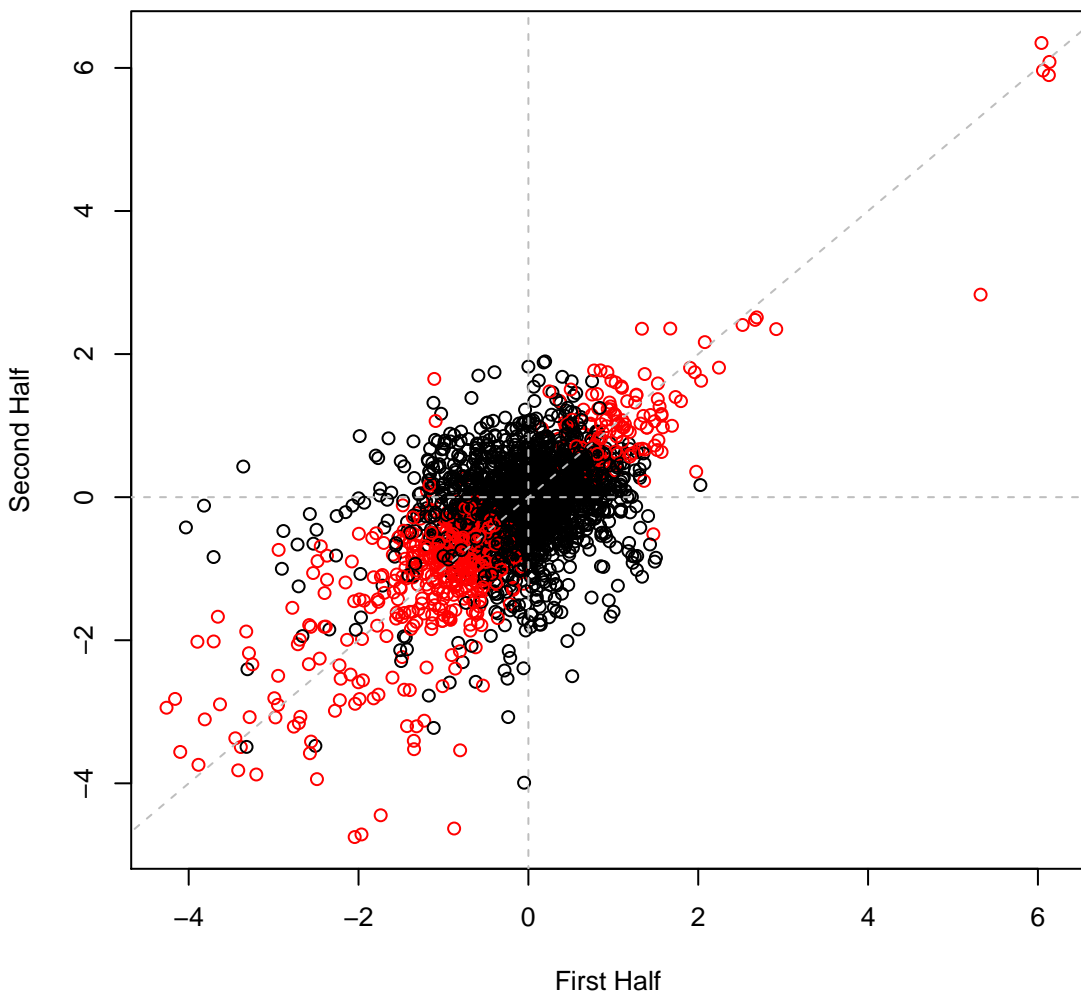


**Phaeo set1H36 #36 (gMed=126 rho12=0.488)**  
**casaminos (N)**

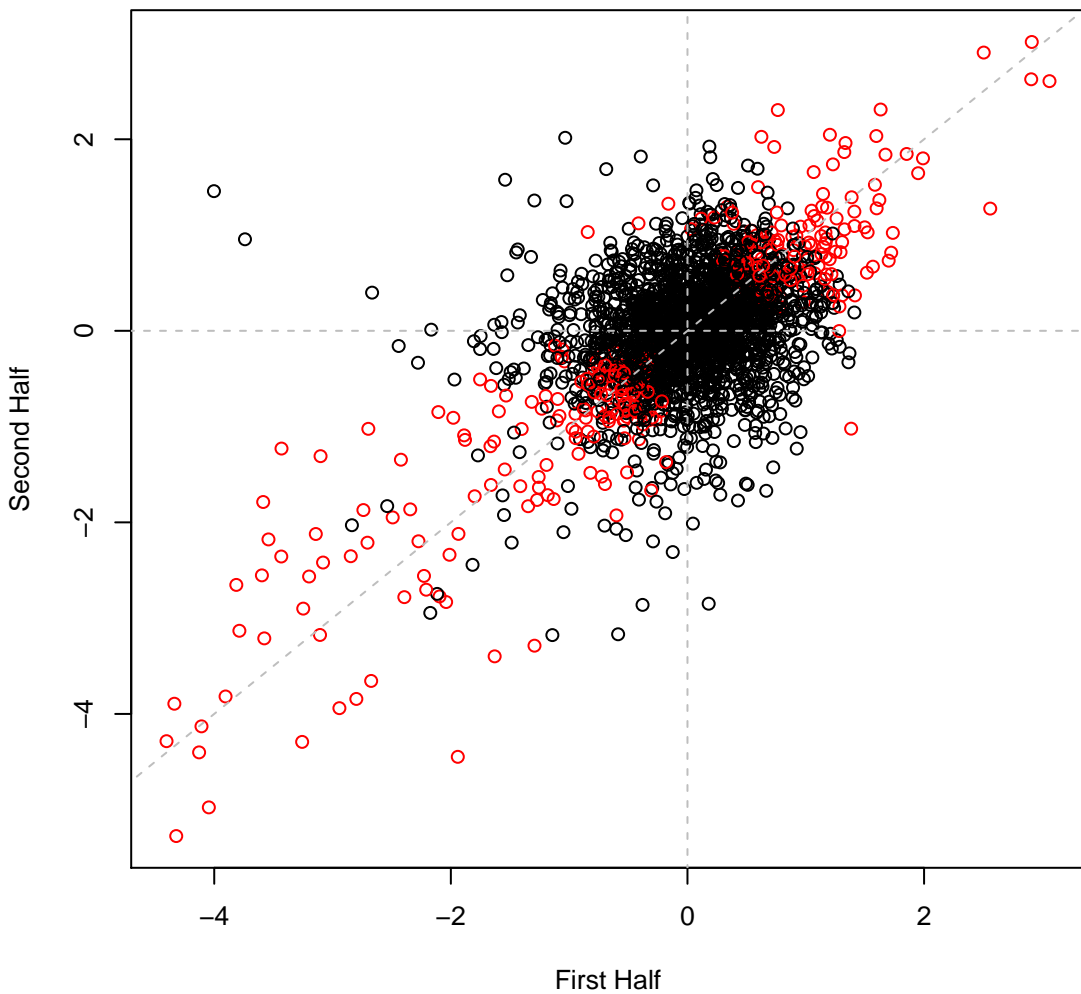


**Phaeo set1H37 #37 (gMed=55 rho12=0.524)**

**Putrescine (N)**

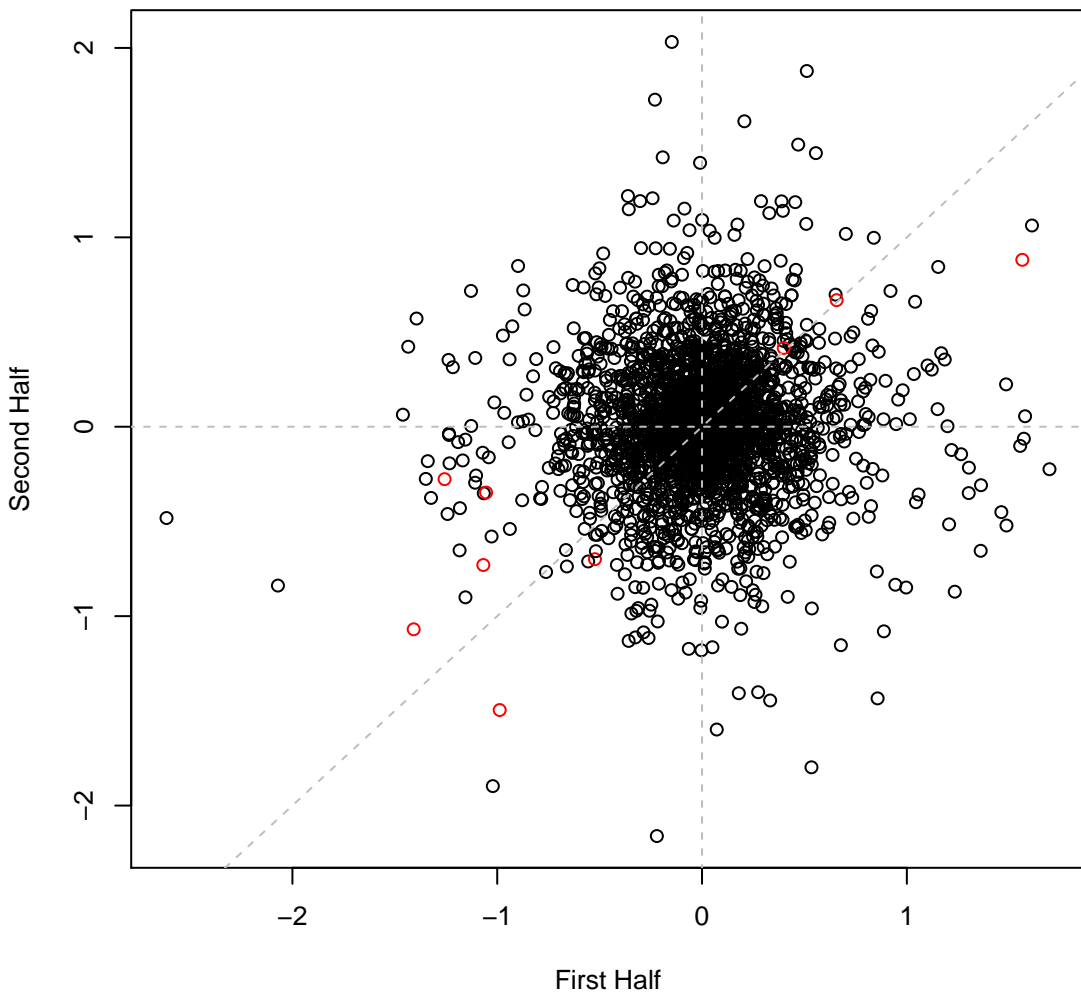


**Phaeo set1H38 #38 (gMed=49 rho12=0.426)**  
**Cytidine (N)**



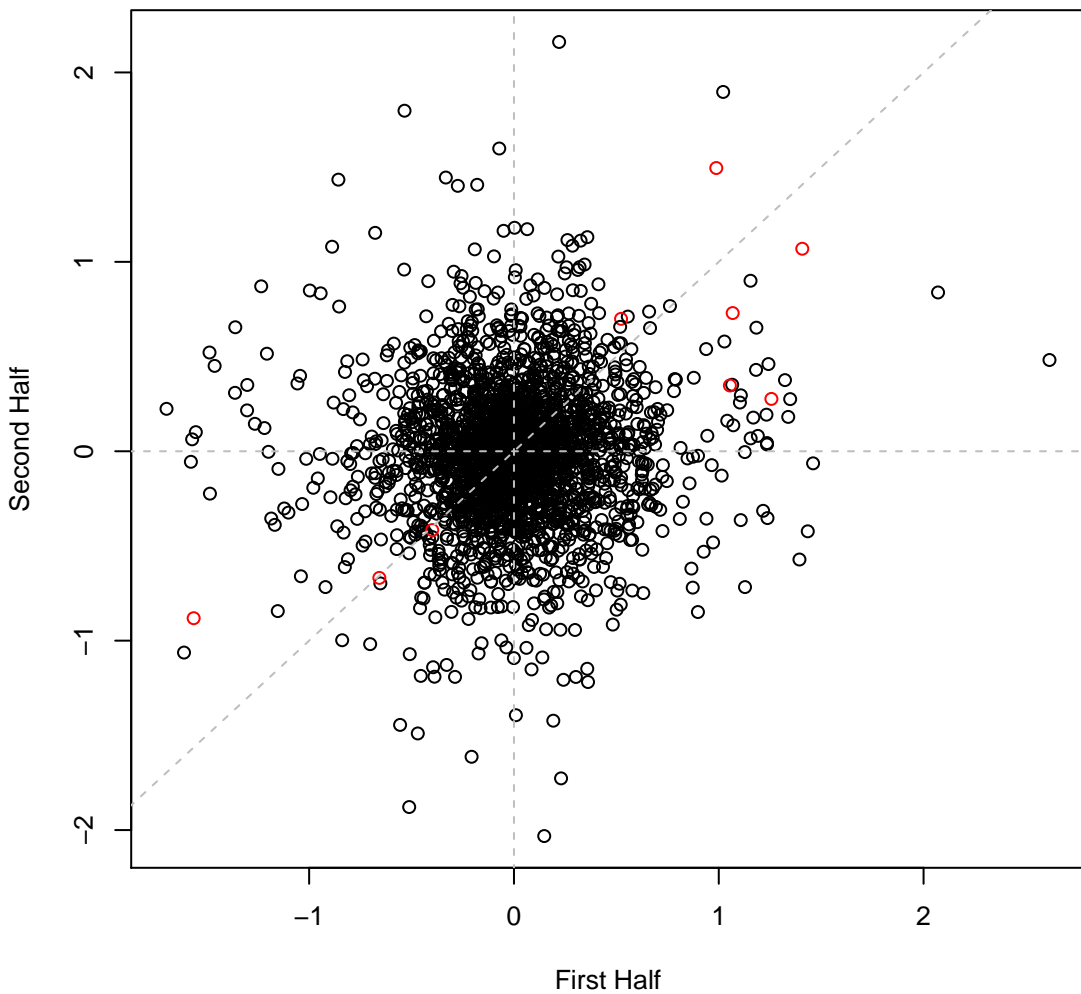
Phaeo set1H39 #39 (gMed=100 rho12=0.050)

Time0

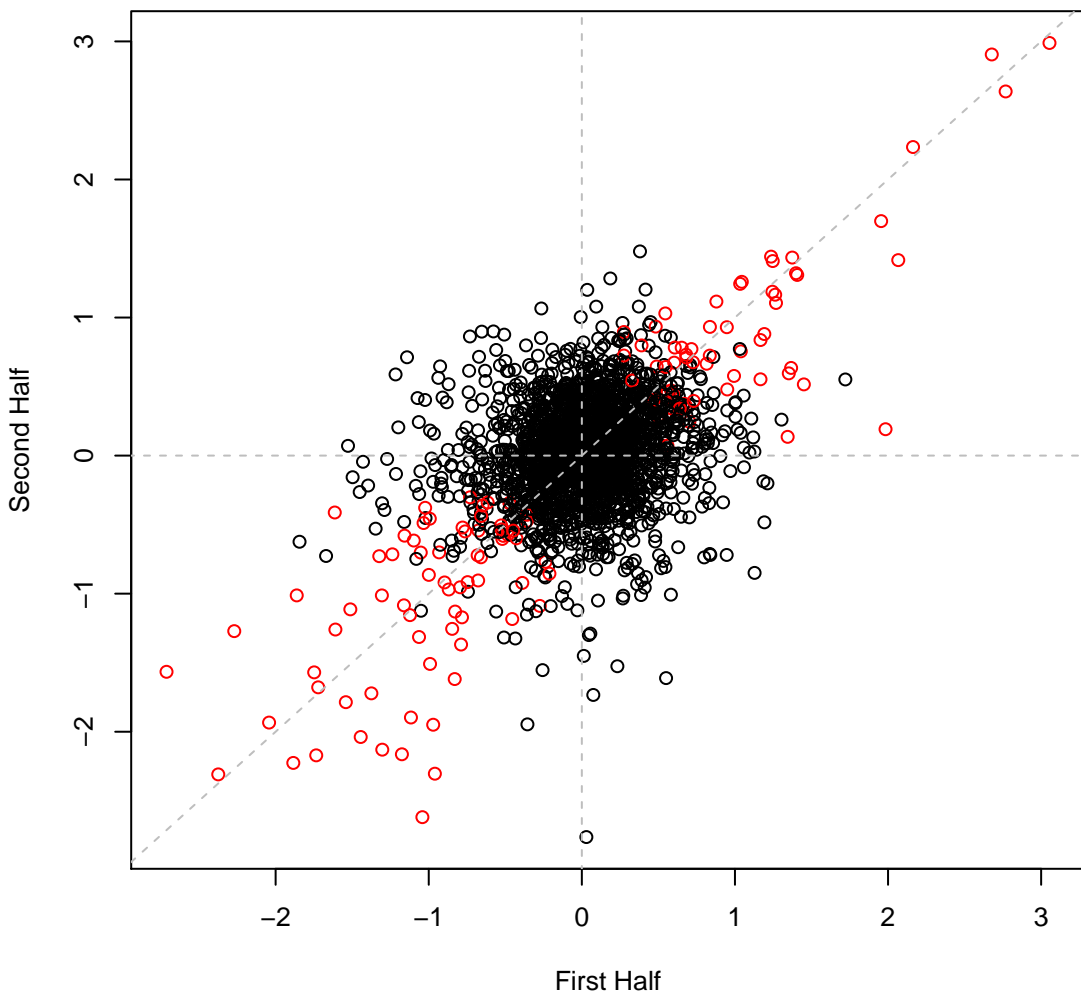


**Phaeo set1H40 #40 (gMed=84 rho12=0.050)**

**Time0**



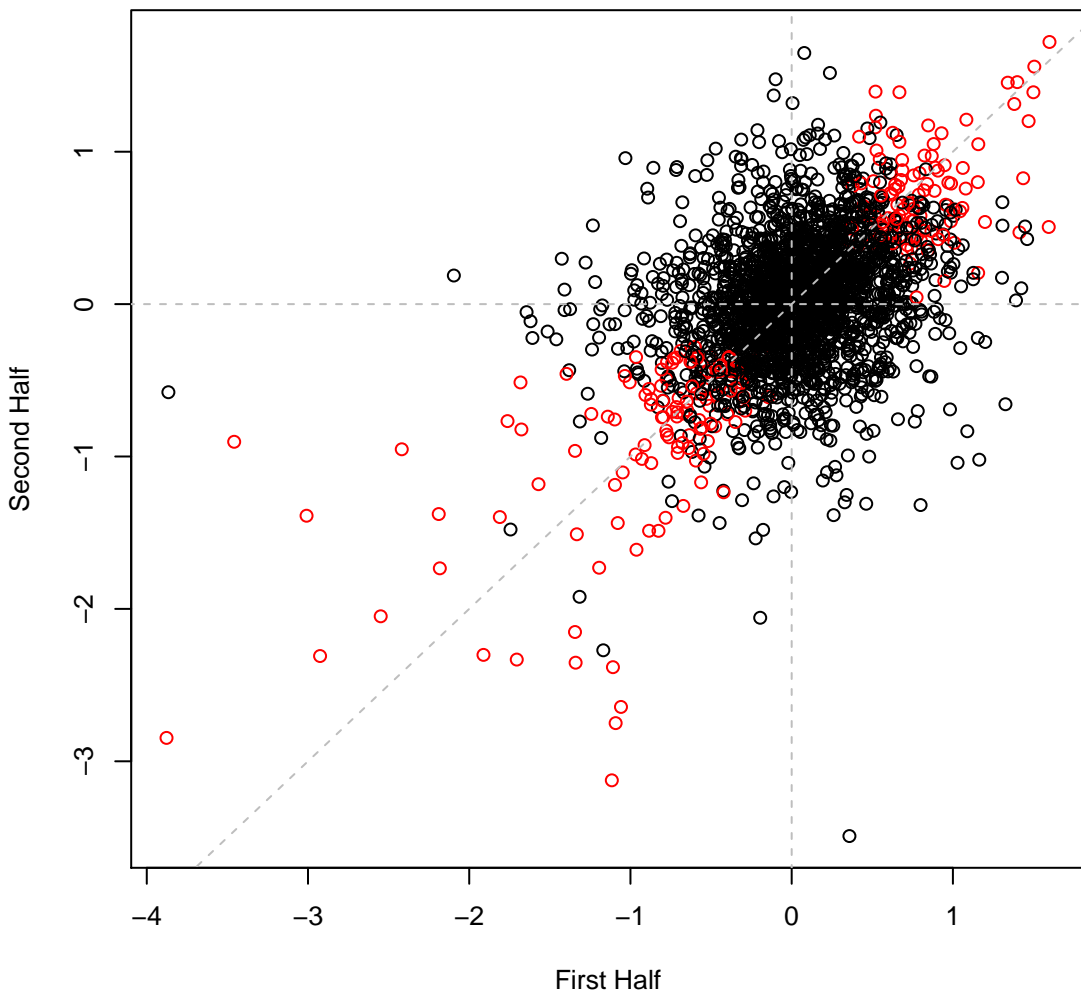
**Phaeo set1H41 #41 (gMed=108 rho12=0.297)**  
**m.b. Nickel (II) chloride 0.625 mM**





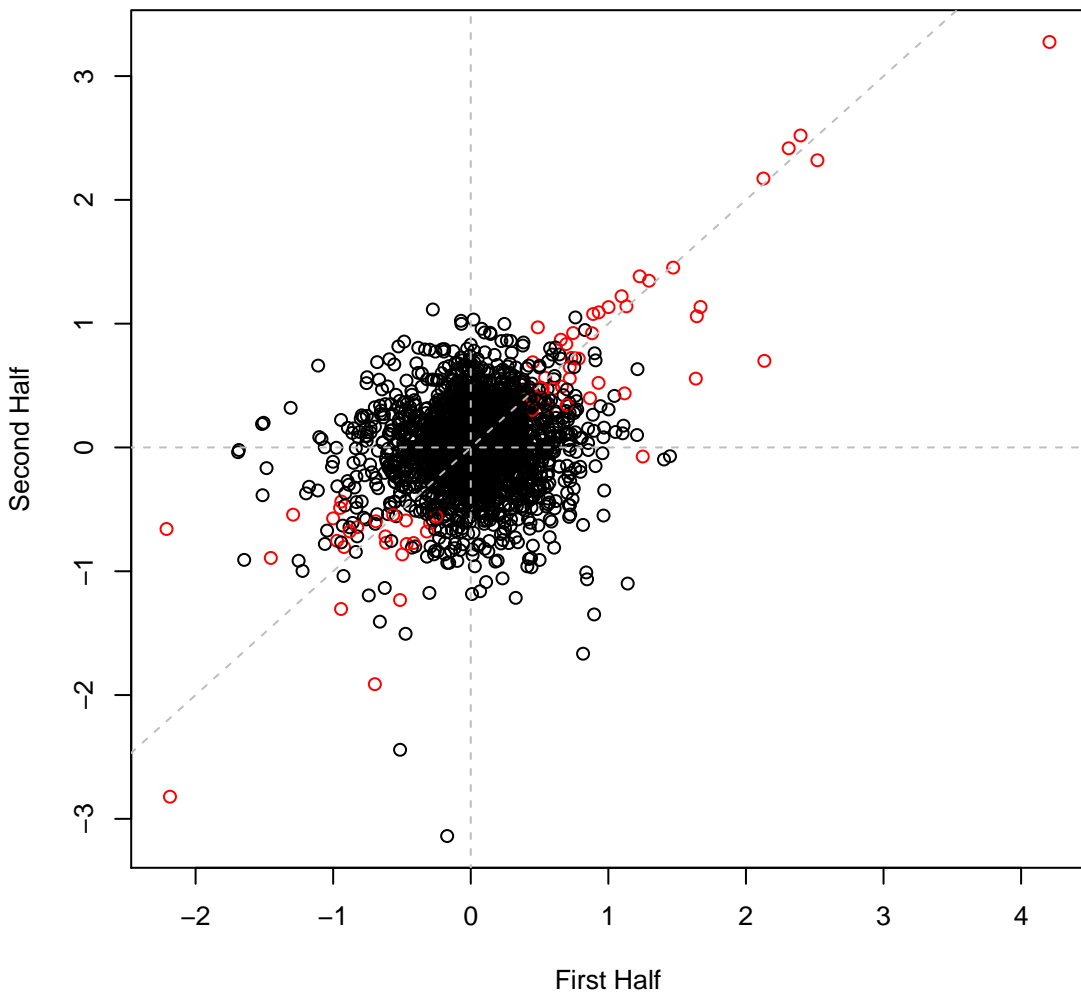
**Phaeo set1H42 #42 (gMed=103 rho12=0.409)**

**m.b. Nickel (II) chloride 1 mM**

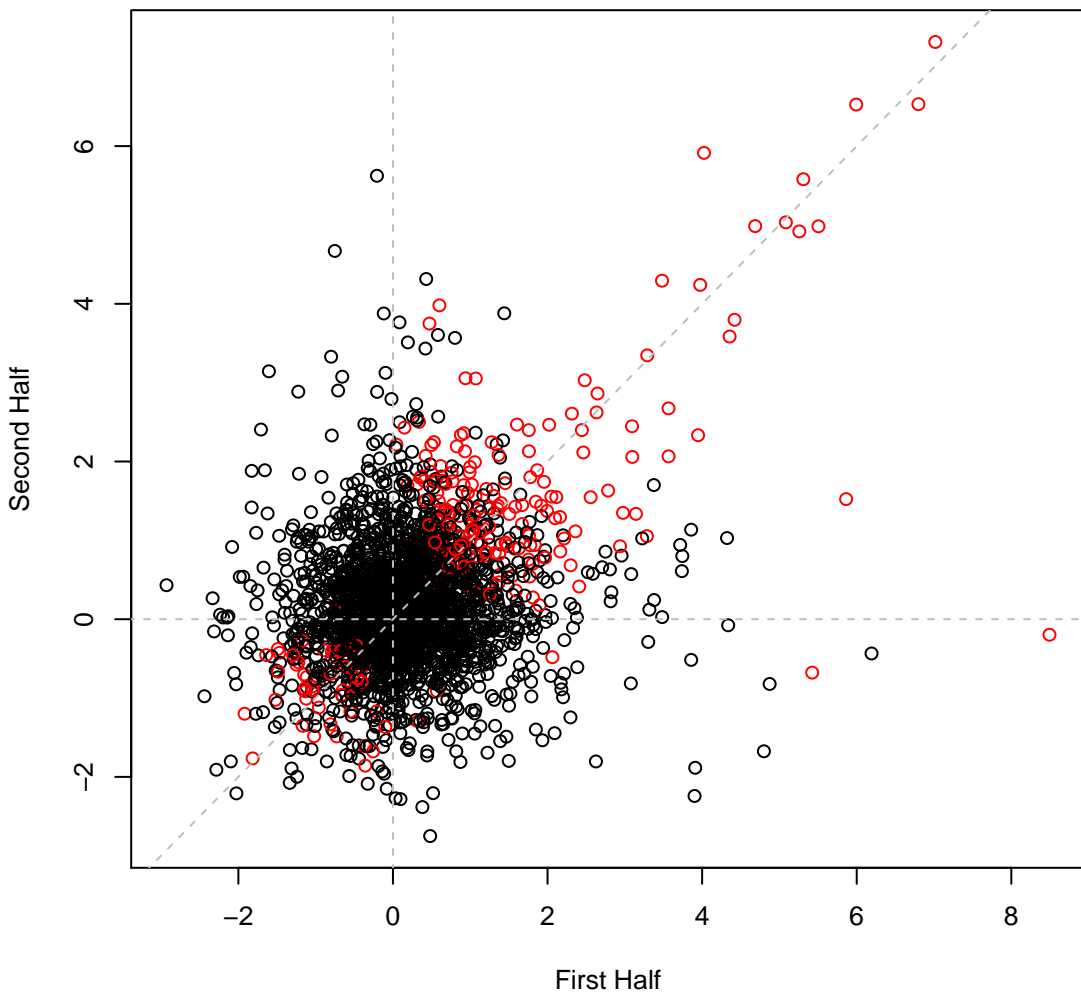


**Phaeo set1H43 #43 (gMed=100 rho12=0.168)**

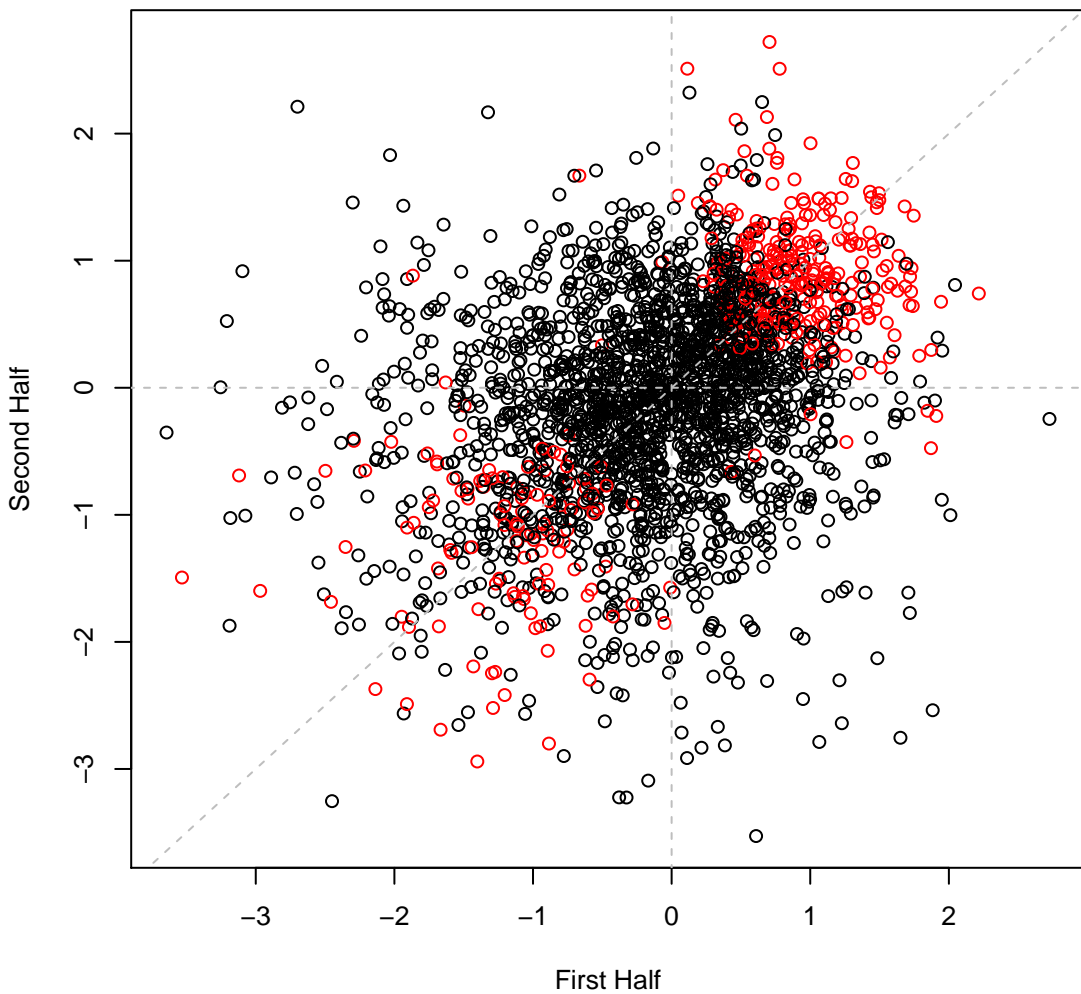
**m.b. Cobalt chloride 0.625 mM**



**Phaeo set1H44 #44 (gMed=28 rho12=0.209)**  
**m.b. copper (II) chloride 0.3125 mM**

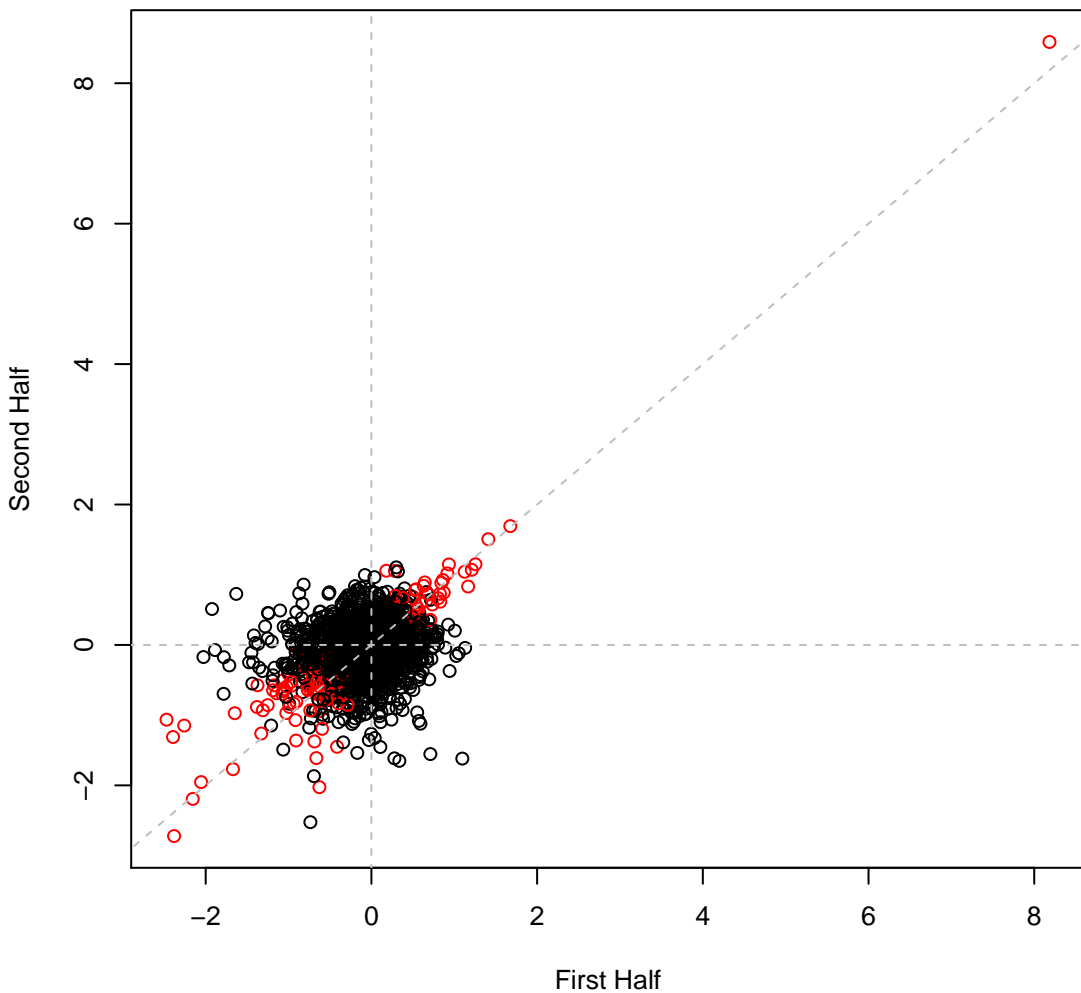


**Phaeo set1H45 #45 (gMed=25 rho12=0.368)**  
**m.b. sodium fluoride 50 mM**

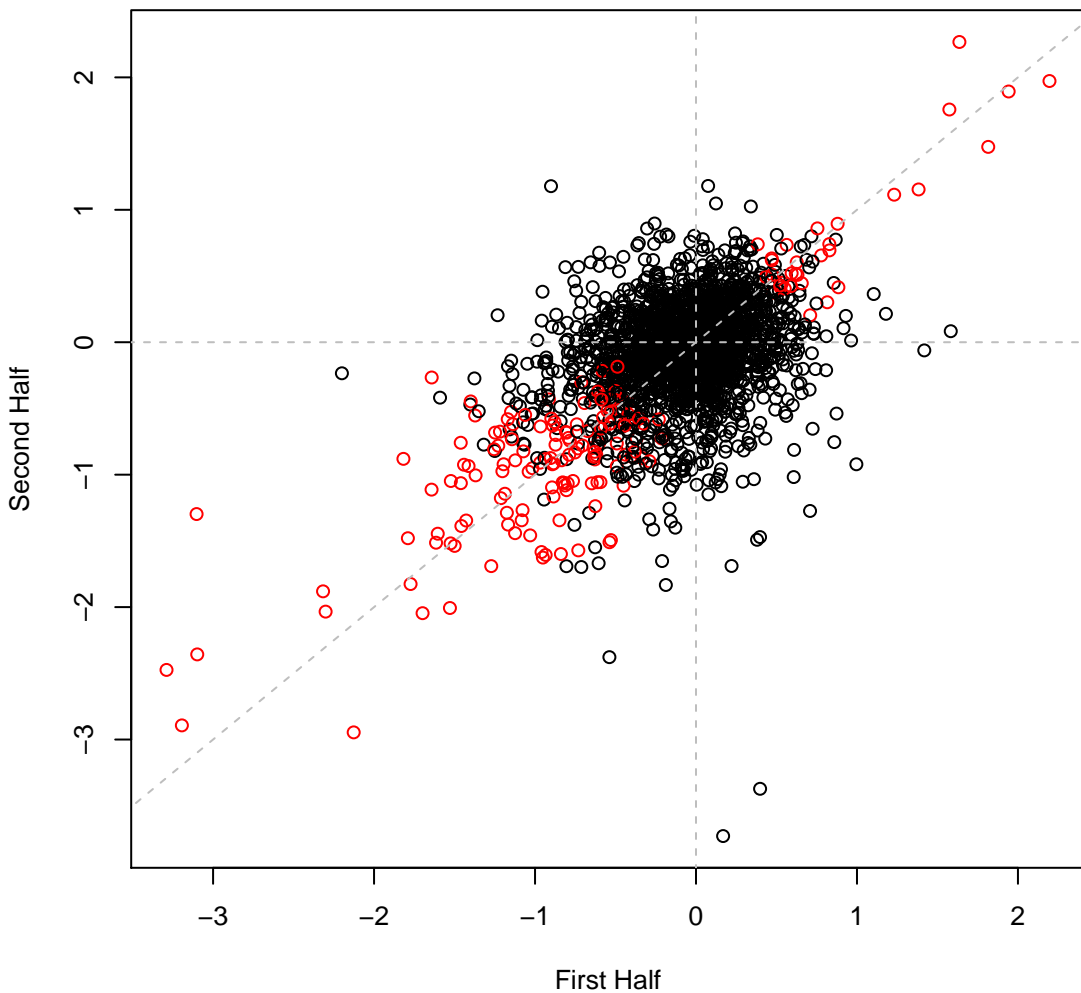


**Phaeo set1H47 #47 (gMed=124 rho12=0.240)**

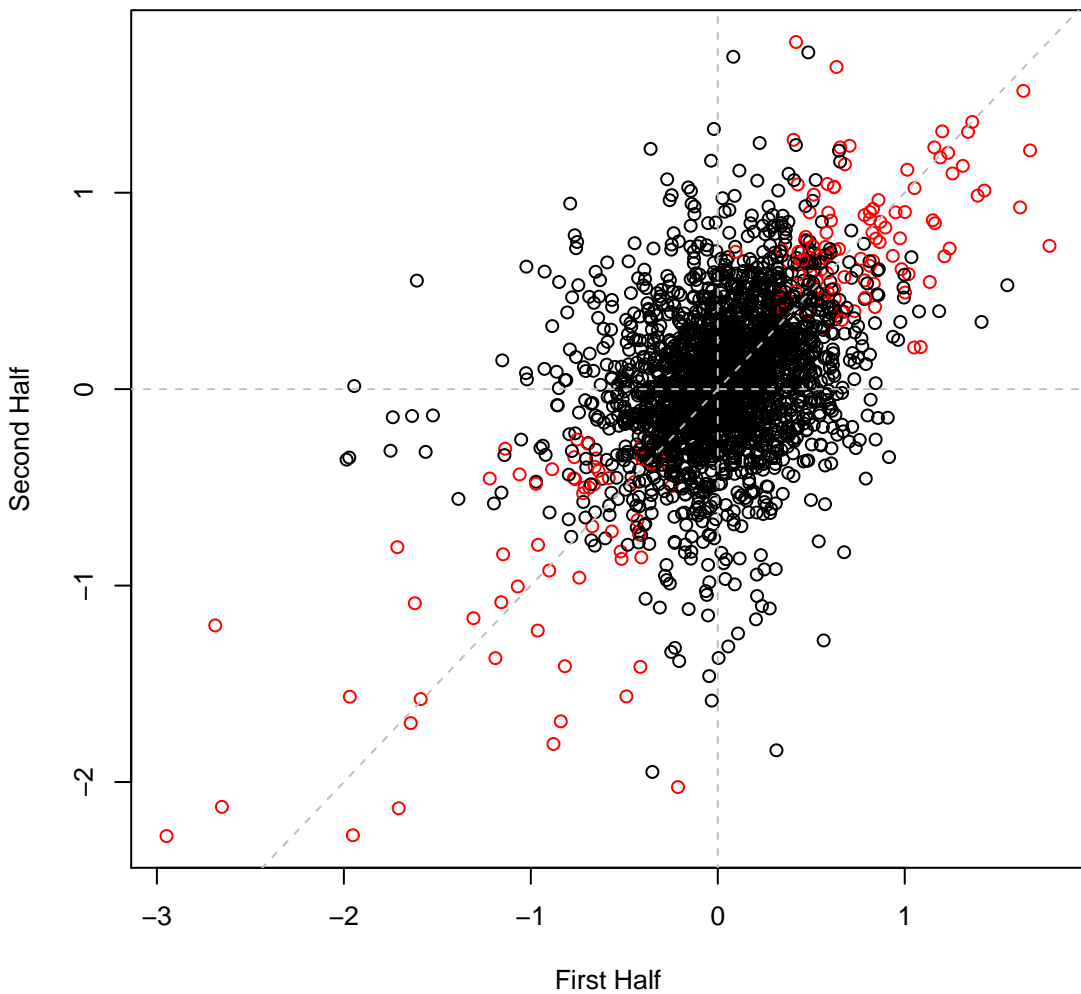
**m.b. Paraquat dichloride 0.032 mg/ml**



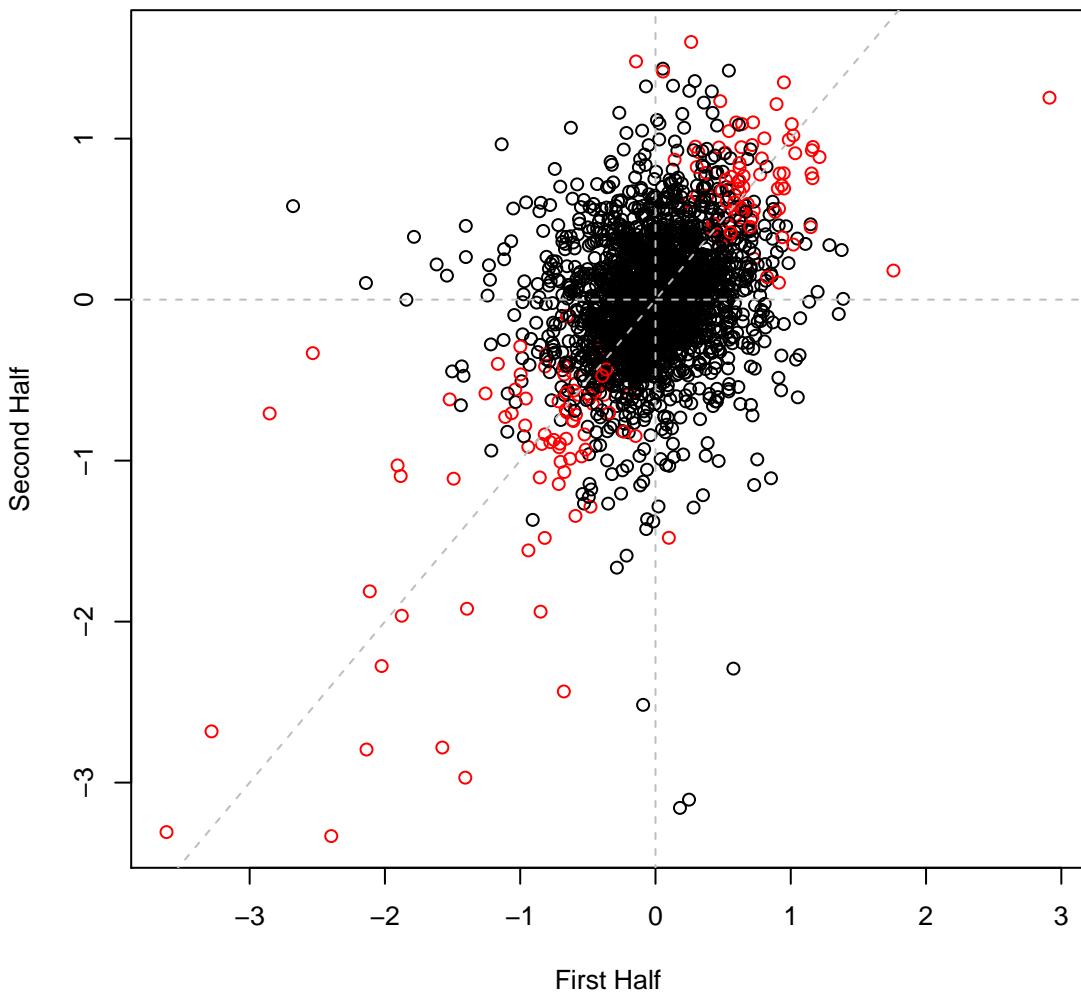
**Phaeo set1H48 #48 (gMed=128 rho12=0.384)**  
**m.b. Thallium(I) acetate 0.002 mg/ml**



**Phaeo set2H1 #49 (gMed=190 rho12=0.397)**  
**m.b. Cisplatin 0.0125 mg/ml**

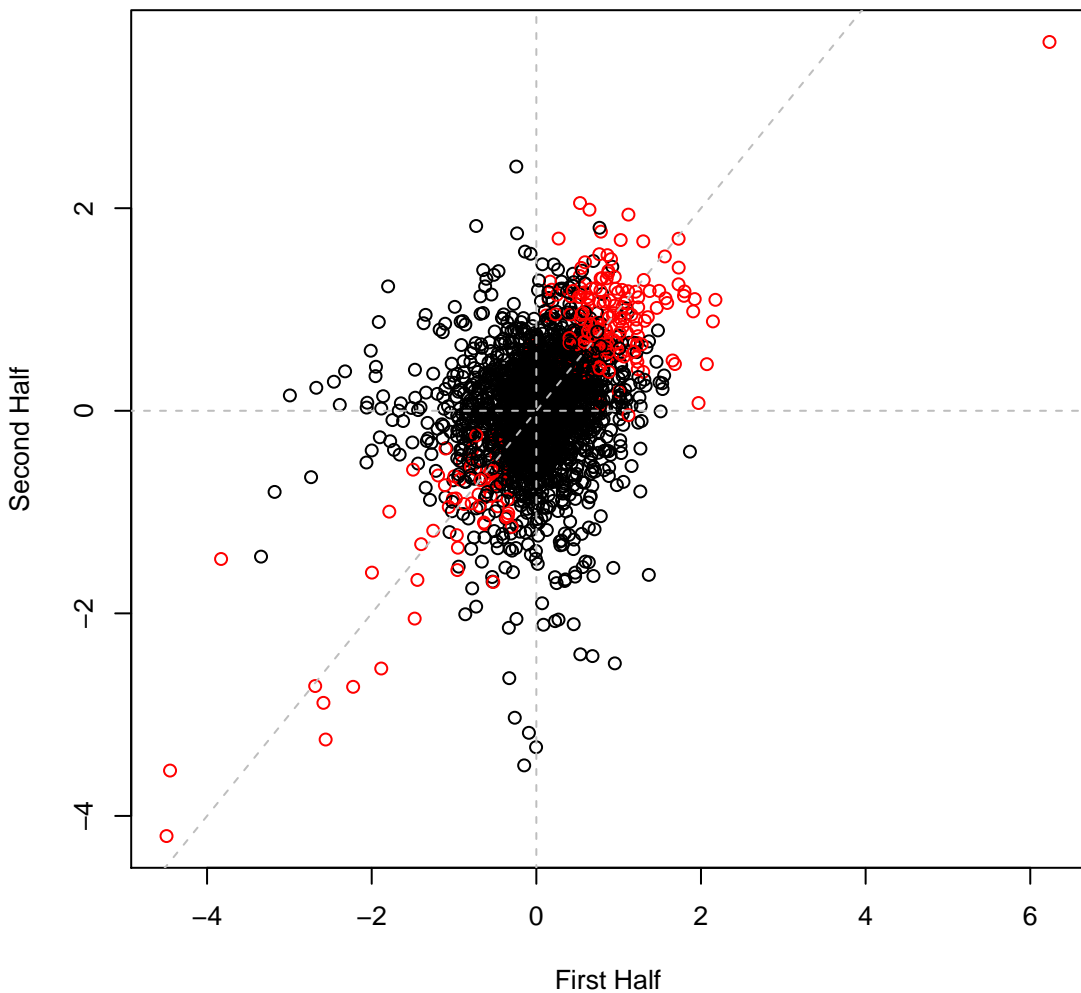


**Phaeo set2H2 #50 (gMed=222 rho12=0.346)**  
**m.b. Cisplatin 0.025 mg/ml**

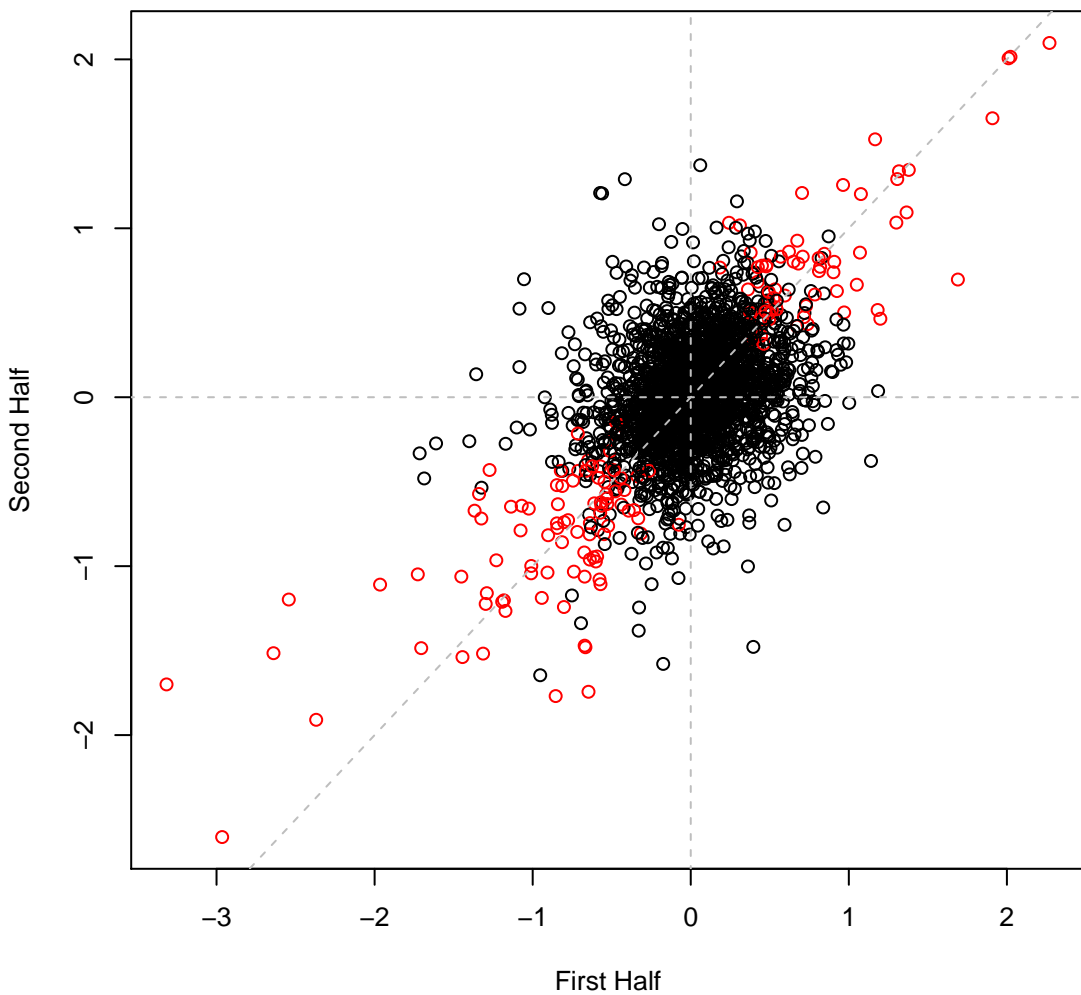




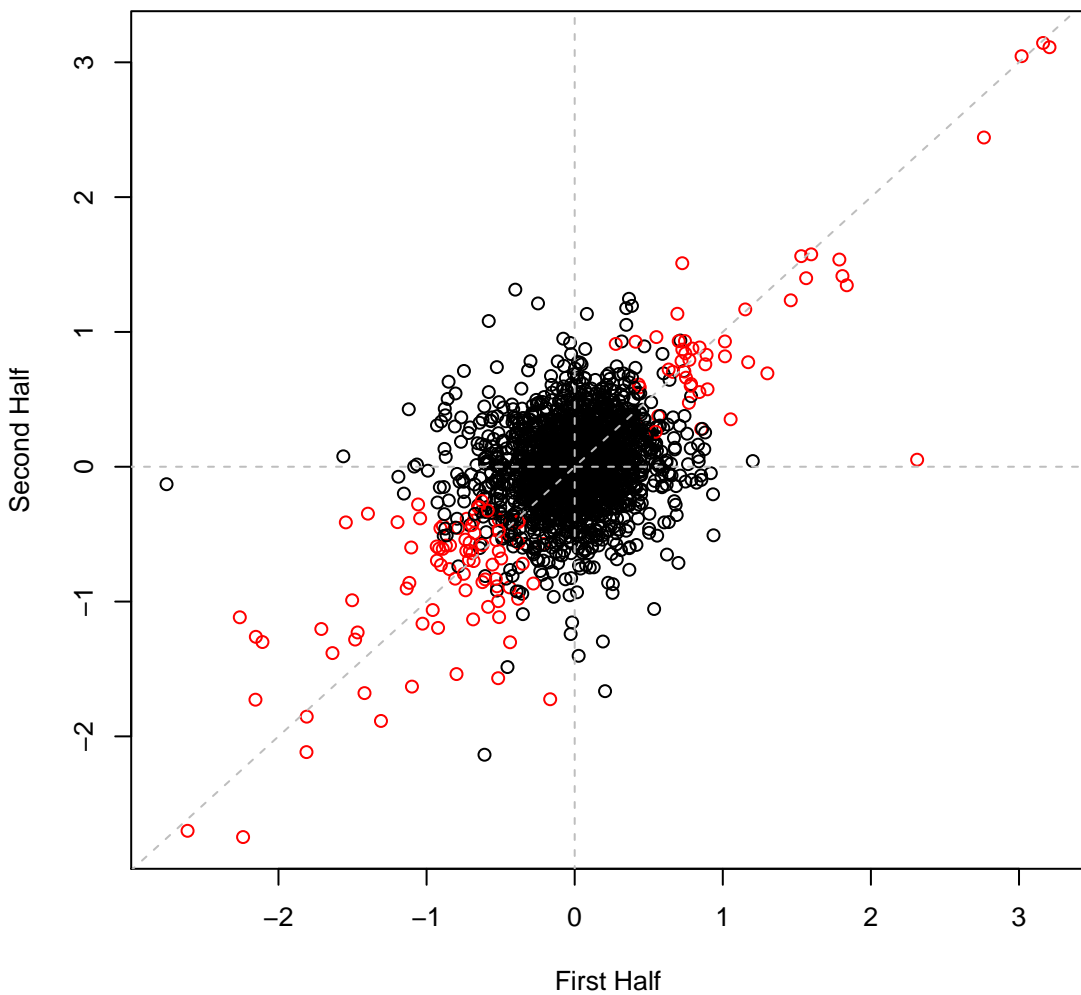
**Phaeo set2H3 #51 (gMed=173 rho12=0.351)**  
**m.b. Cisplatin 0.05 mg/ml**



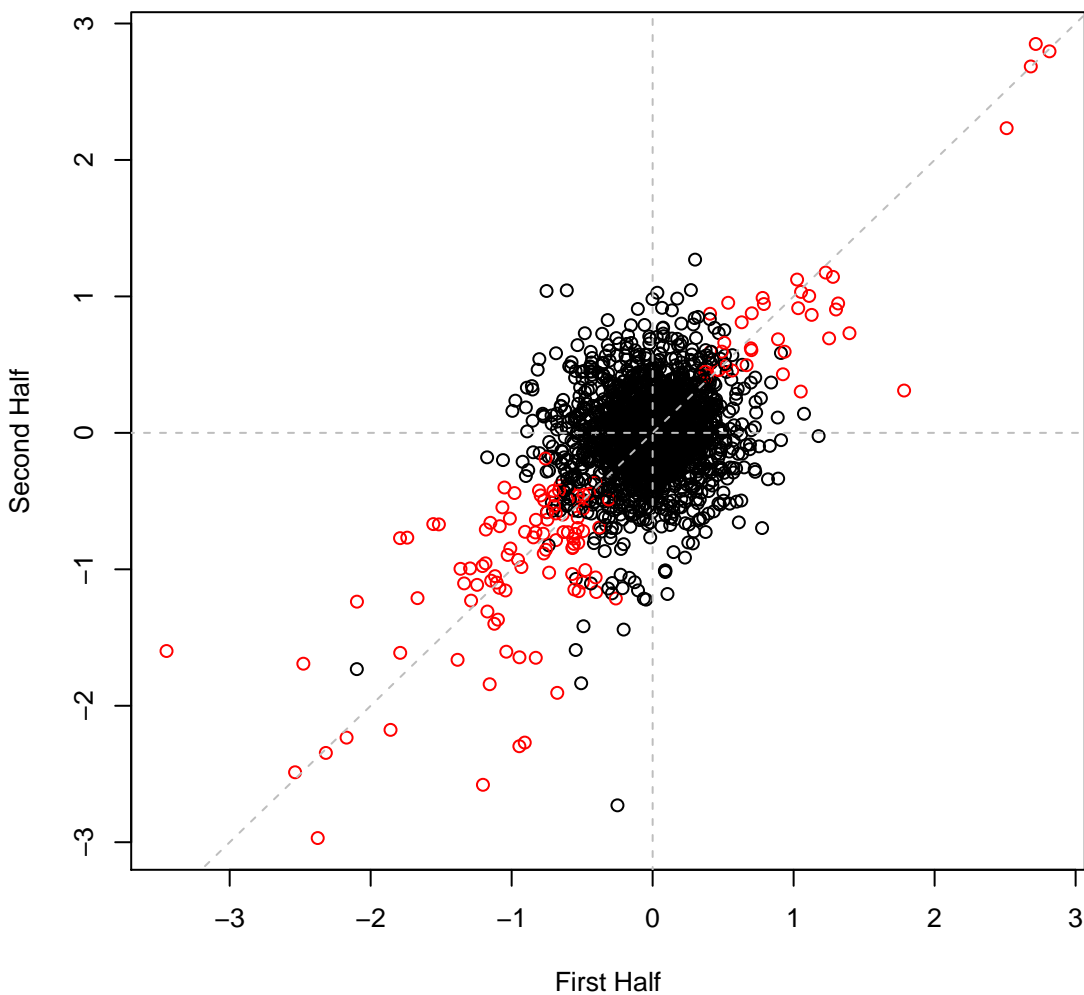
**Phaeo set2H4 #52 (gMed=214 rho12=0.392)**  
**m.b. Zinc 0.32 mM**



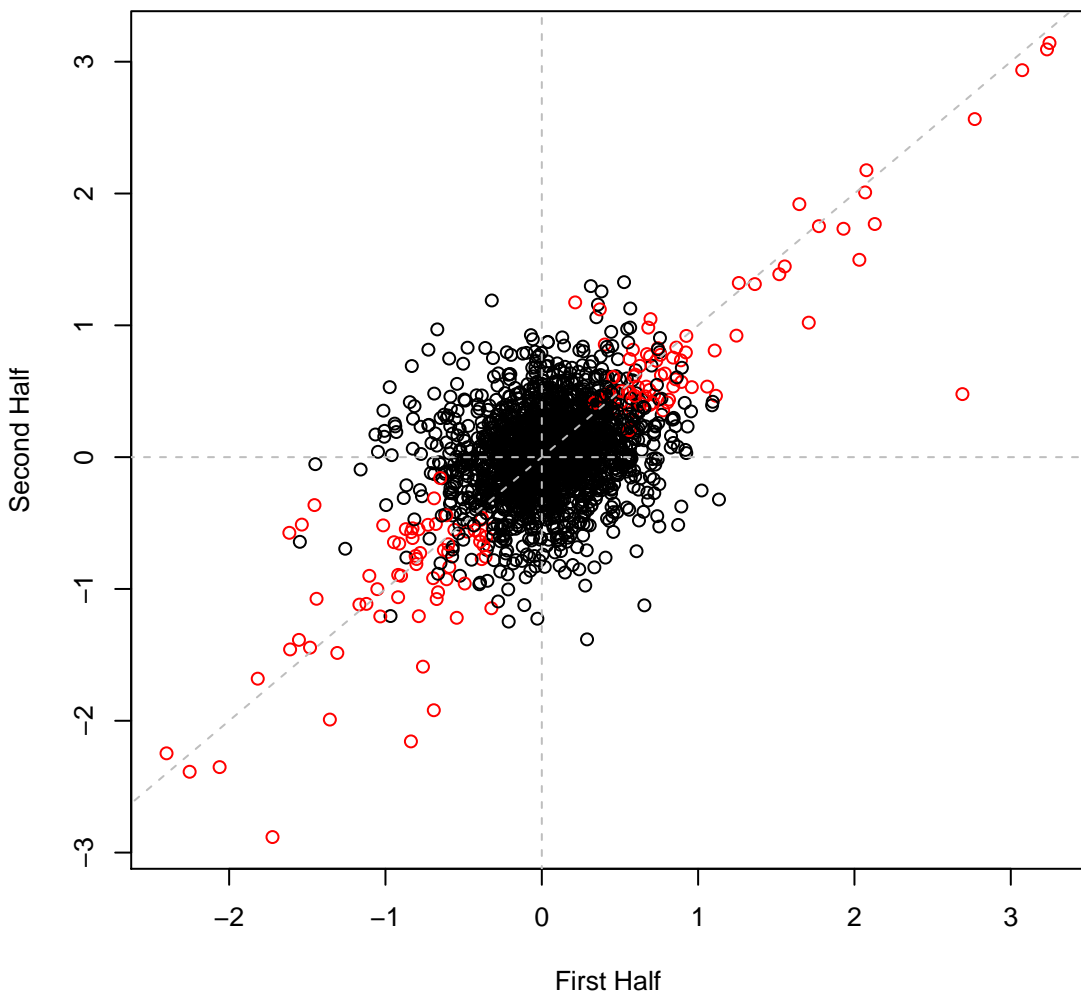
**Phaeo set2H5 #53 (gMed=238 rho12=0.289)**  
**marine broth**



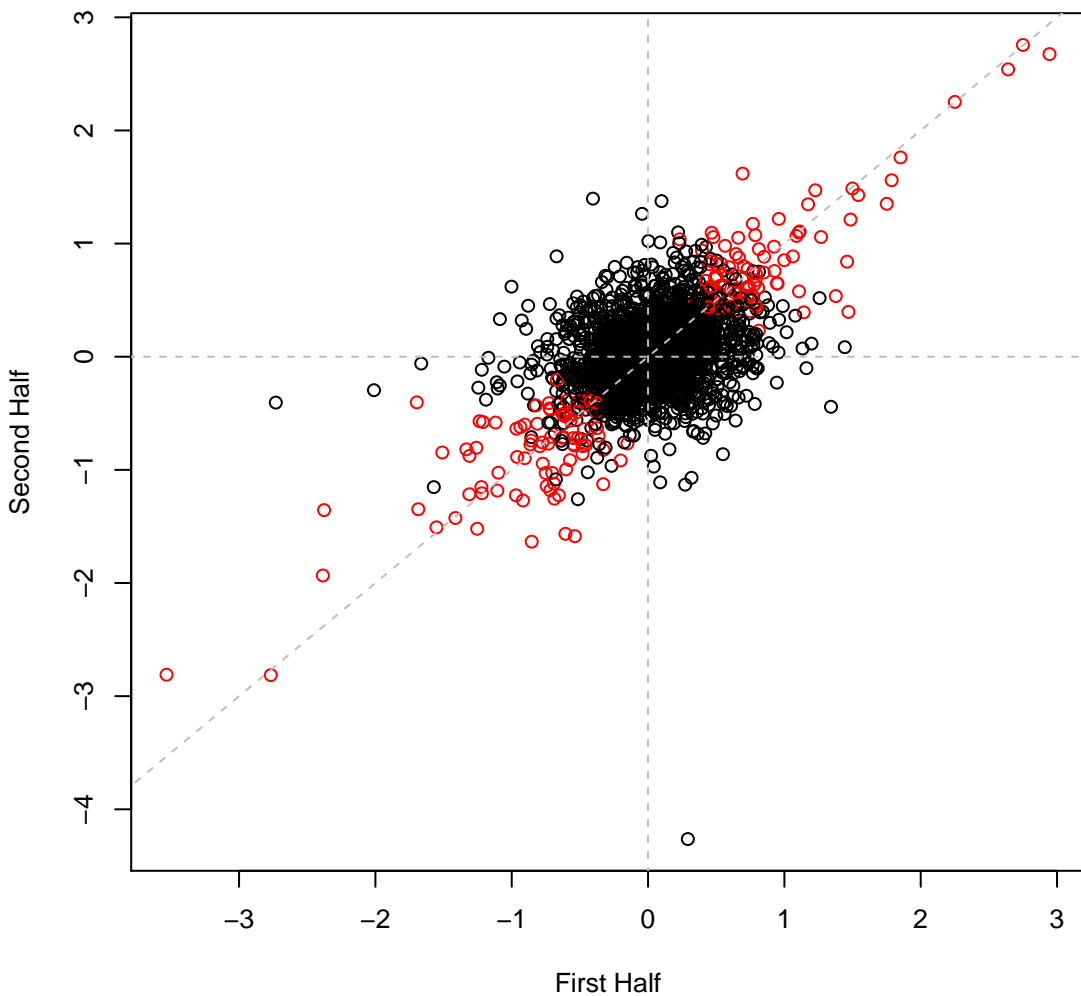
**Phaeo set2H6 #54 (gMed=207 rho12=0.251)**  
**m.b. nitrate 50 mM**



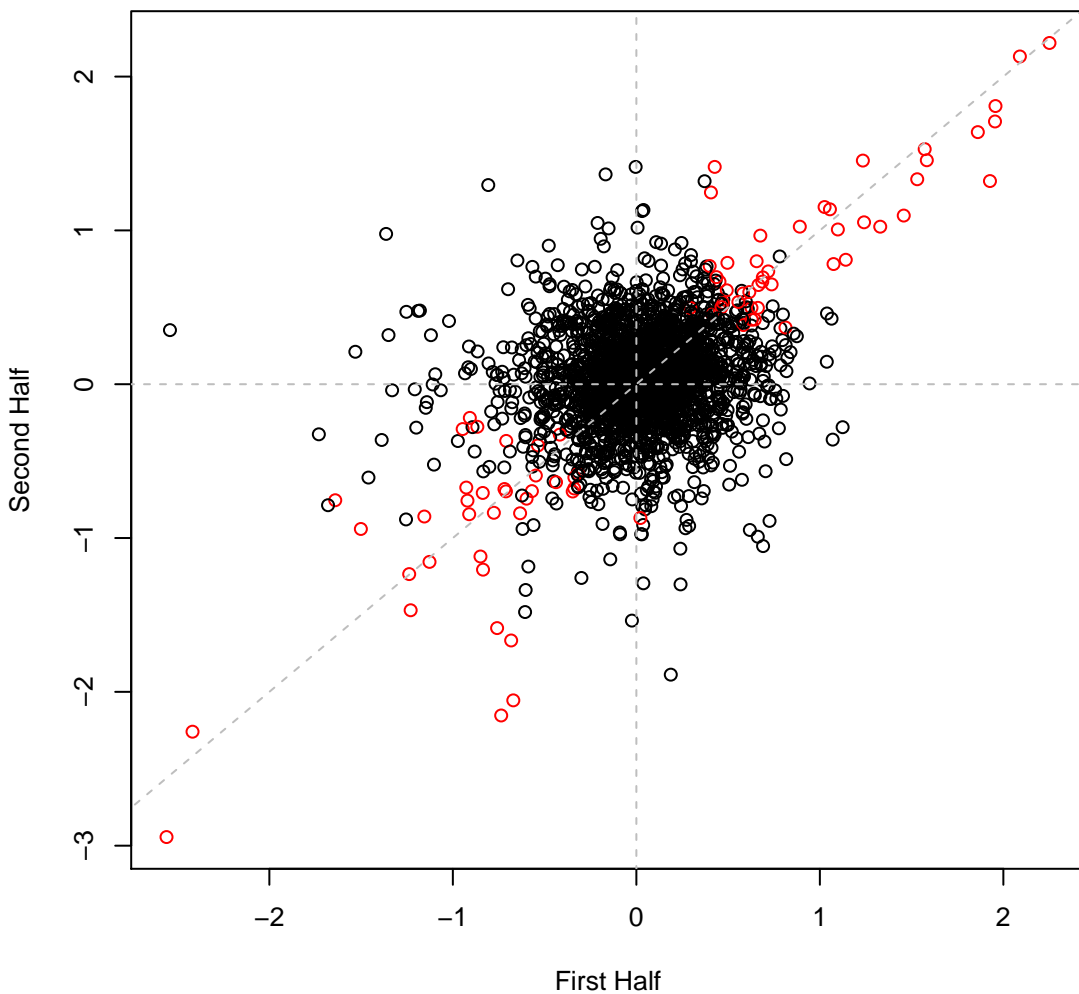
**Phaeo set2H7 #55 (gMed=237 rho12=0.358)**  
**m.b. nitrate 100 mM**



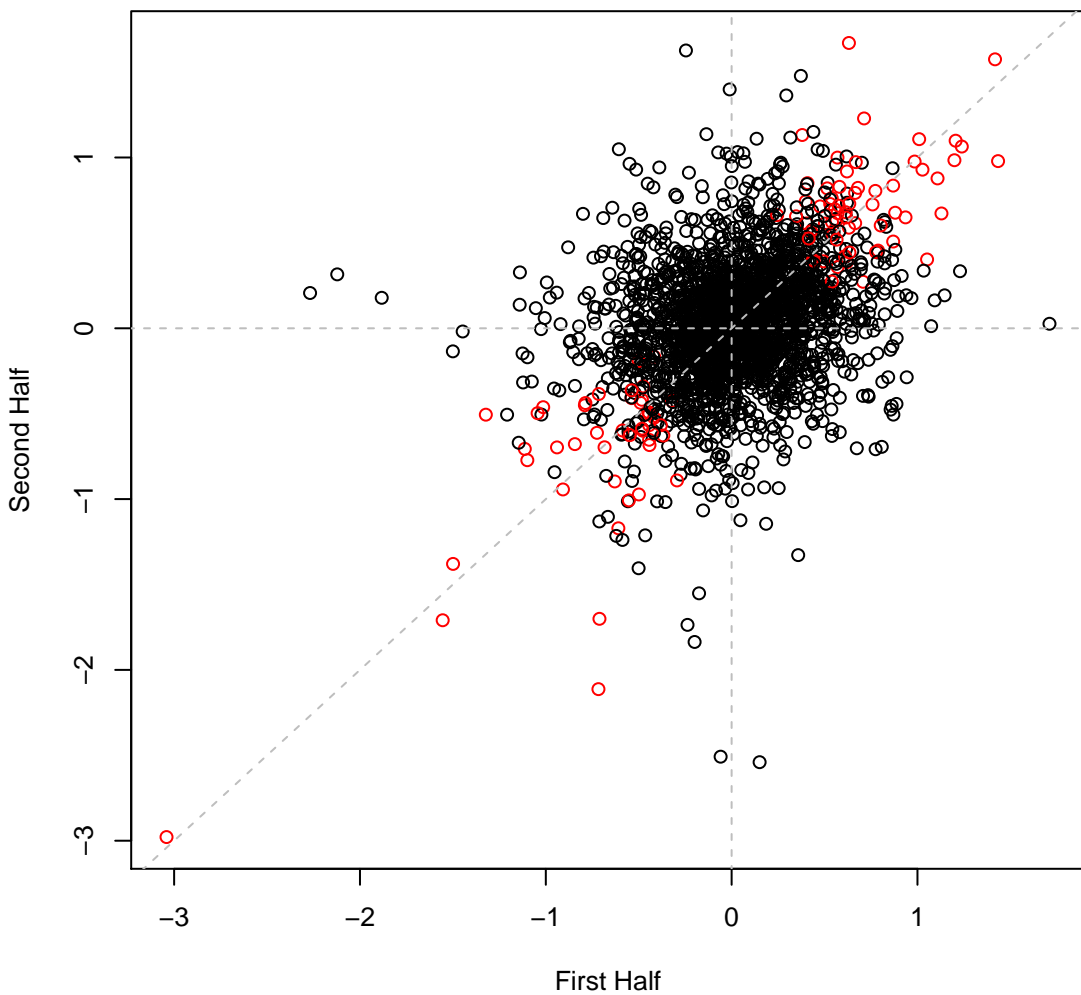
**Phaeo set2H8 #56 (gMed=206 rho12=0.389)**  
**m.b. Chlorate 40 mM**



**Phaeo set2H9 #57 (gMed=158 rho12=0.208)**  
**m.b. perchlorate 50 mM**



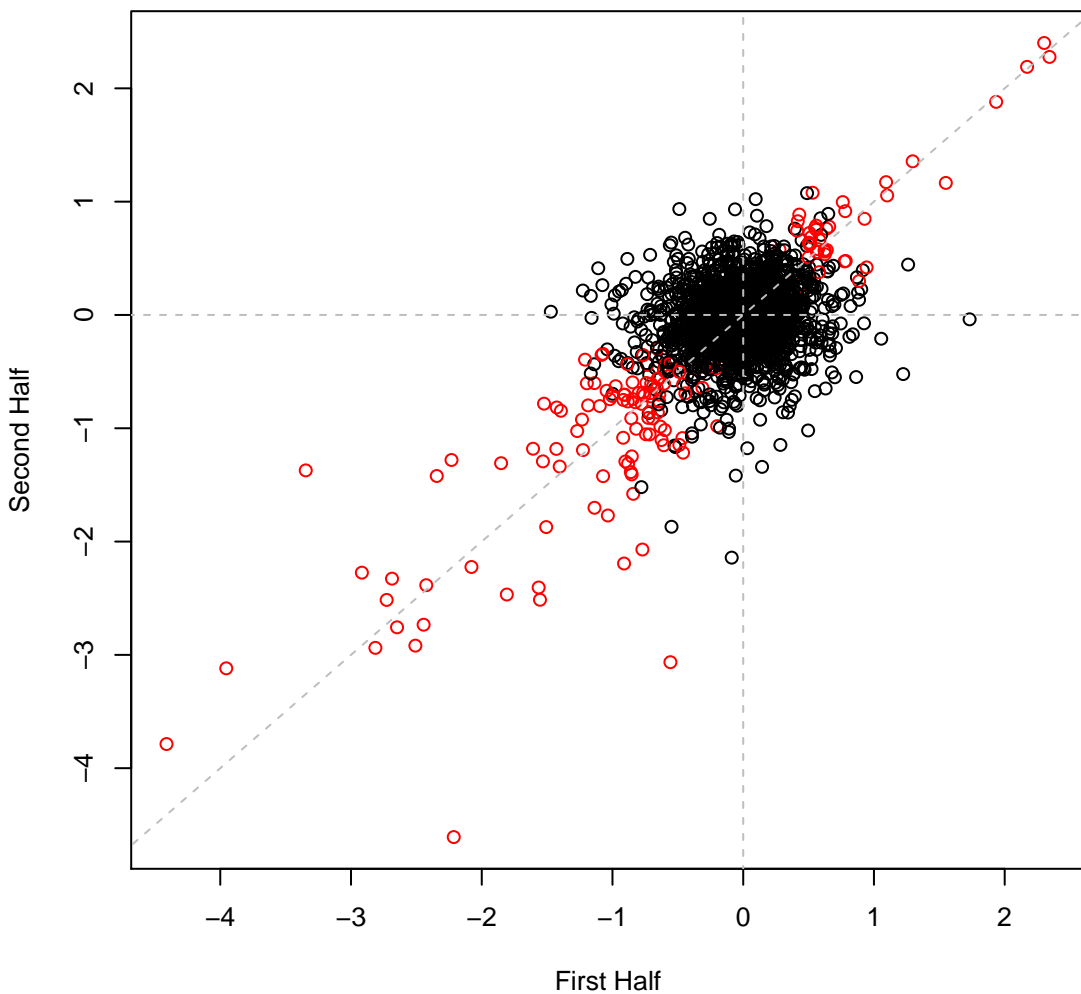
**Phaeo set2H10 #58 (gMed=178 rho12=0.307)**  
**m.b. perchlorate 100 mM**



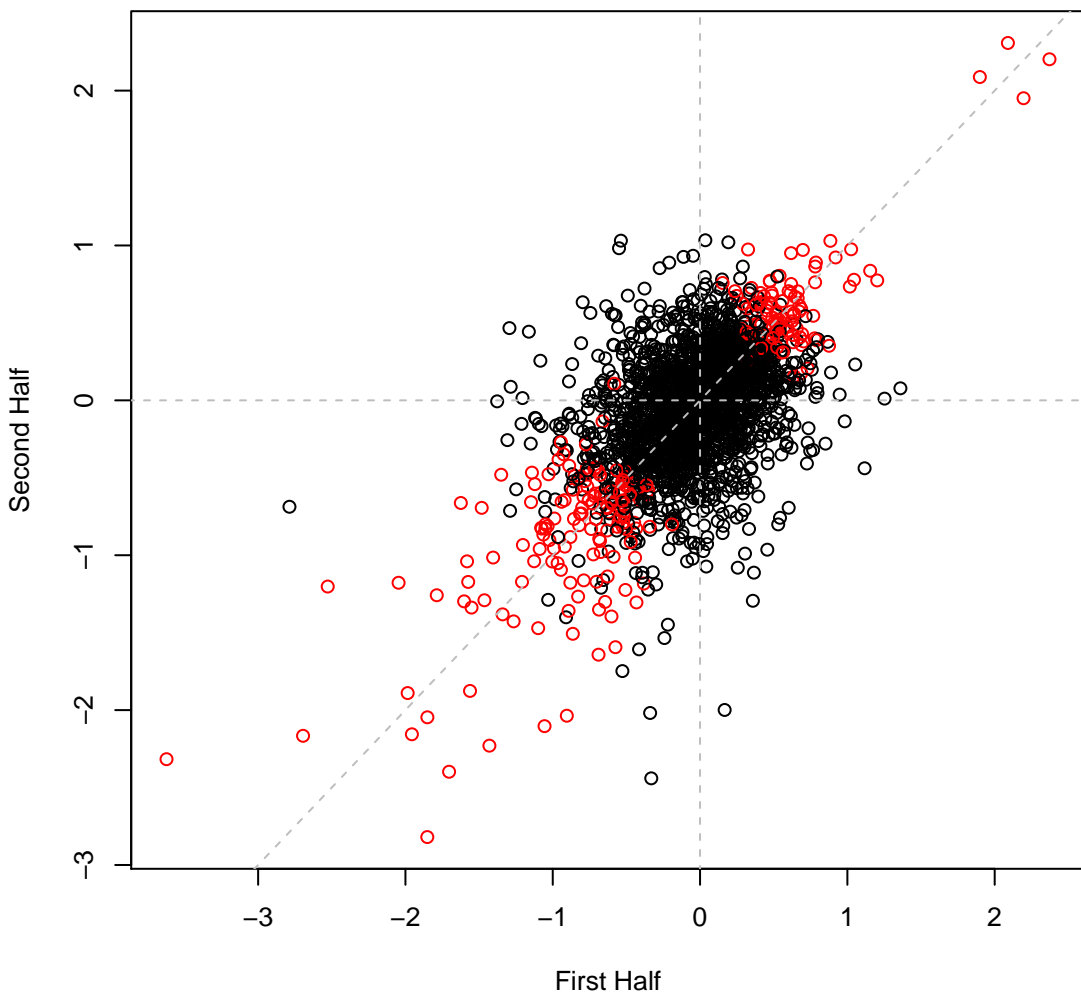


**Phaeo set2H11 #59 (gMed=206 rho12=0.257)**

**m.b. Polymyxin B sulfate 0.0008 mg/ml**

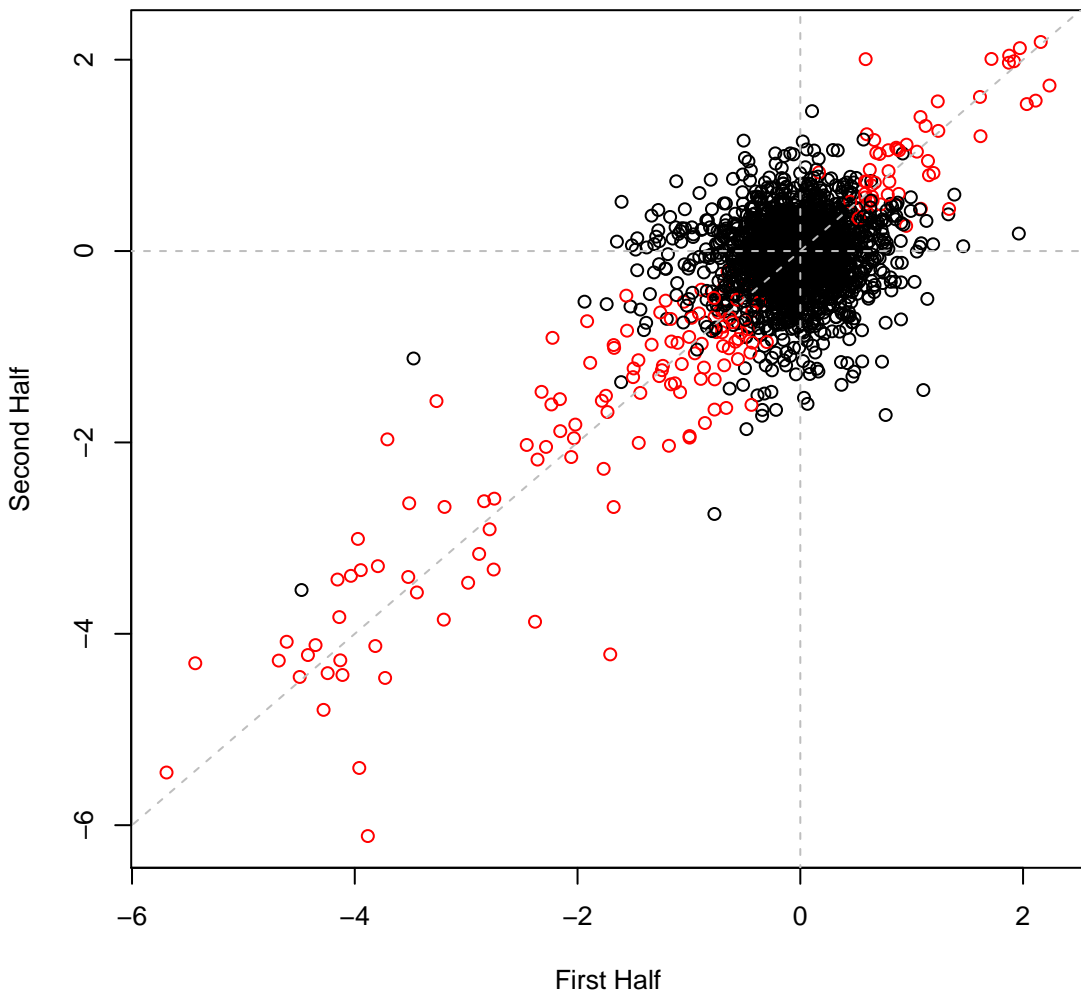


**Phaeo set2H12 #60 (gMed=181 rho12=0.520)**  
**marine broth**

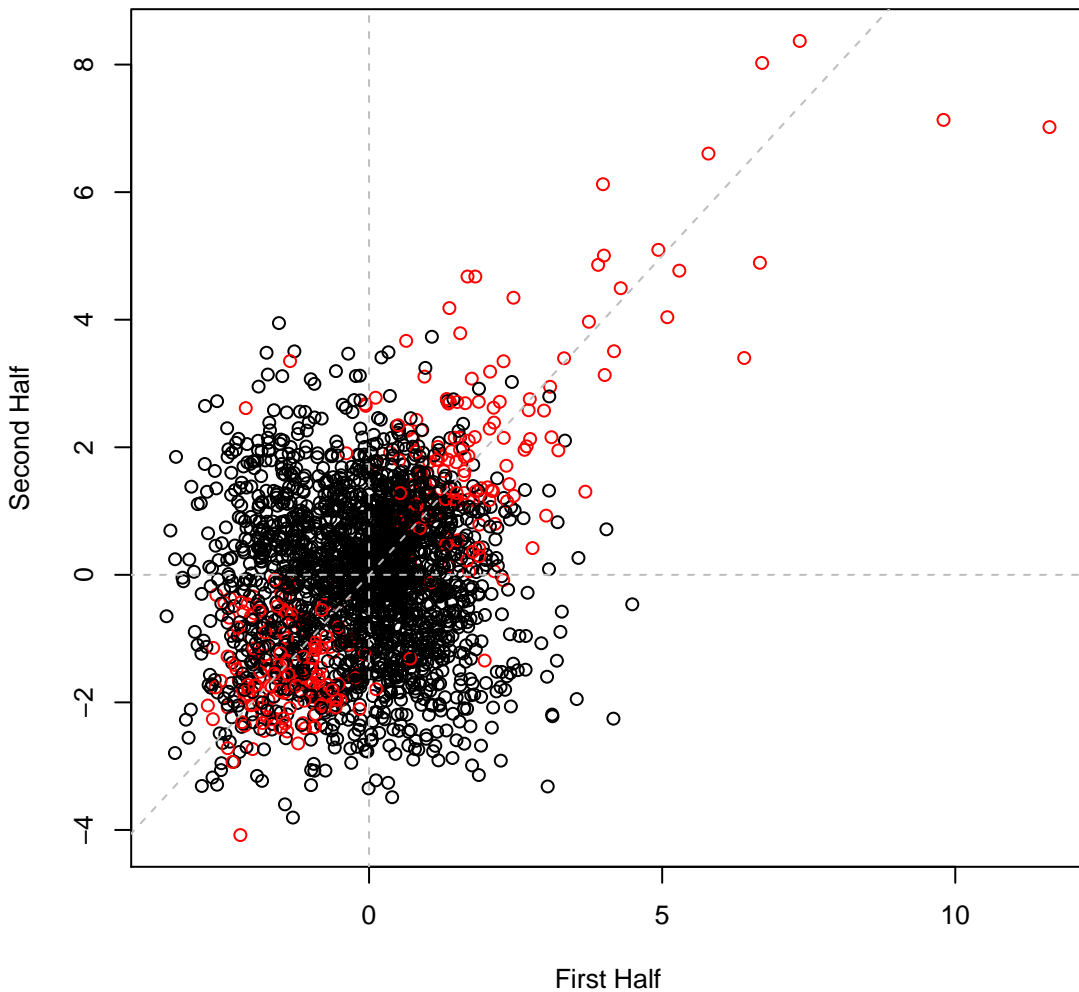


**Phaeo set2H13 #61 (gMed=158 rho12=0.266)**

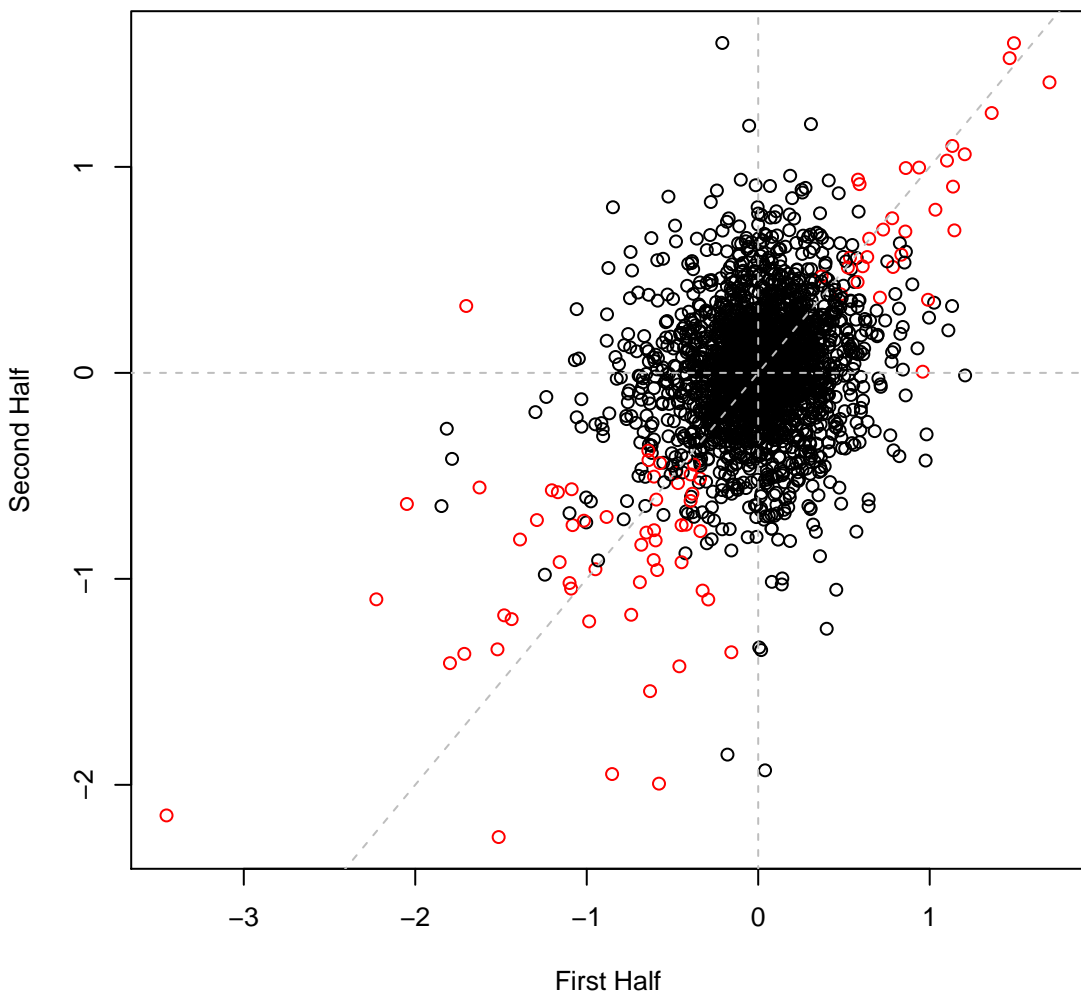
**m.b. Benzalkonium Chloride 0.002 mg/ml**



**Phaeo set2H14 #62 (gMed=47 rho12=0.192)**  
**m.b. Benzalkonium Chloride 0.004 mg/ml**

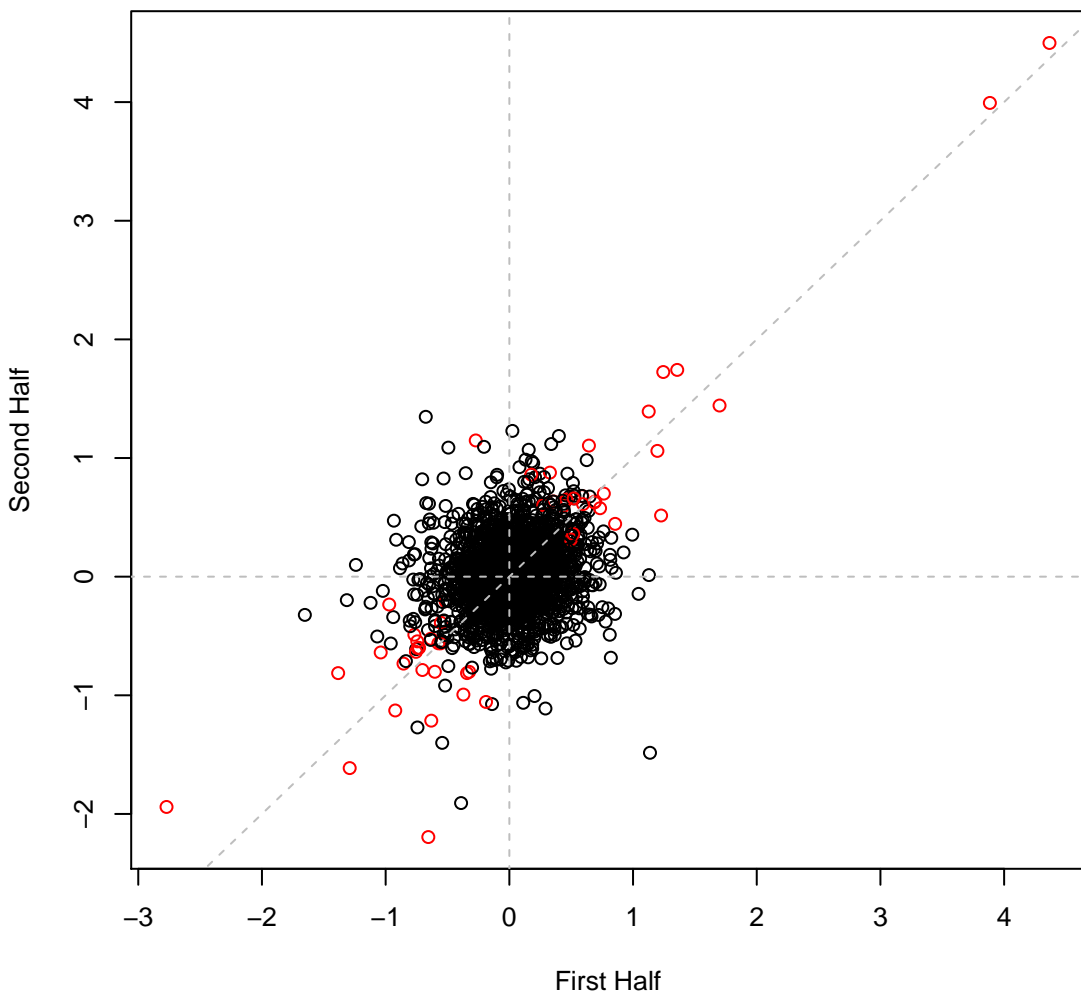


**Phaeo set2H15 #63 (gMed=173 rho12=0.225)**  
**m.b. Aluminum chloride 1.25 mM**

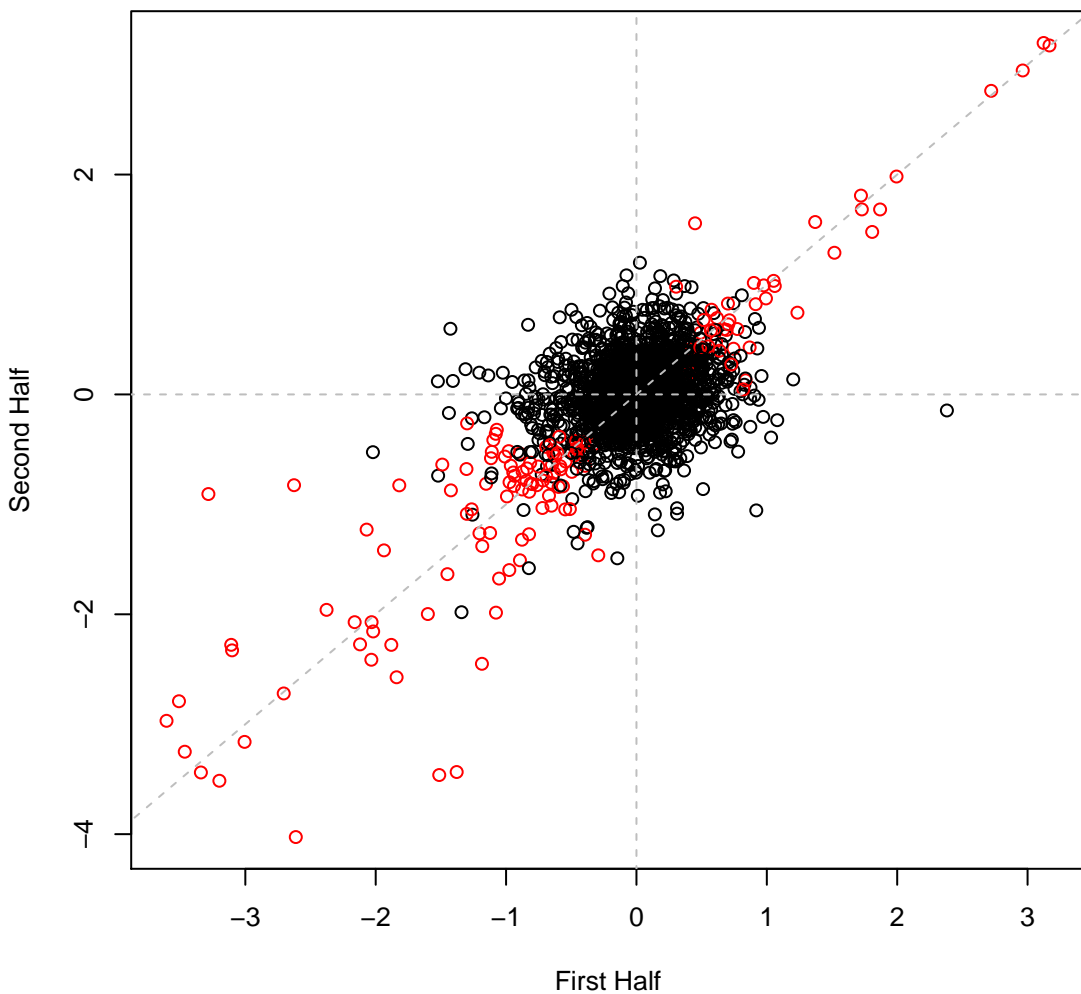


**Phaeo set2H16 #64 (gMed=208 rho12=0.195)**

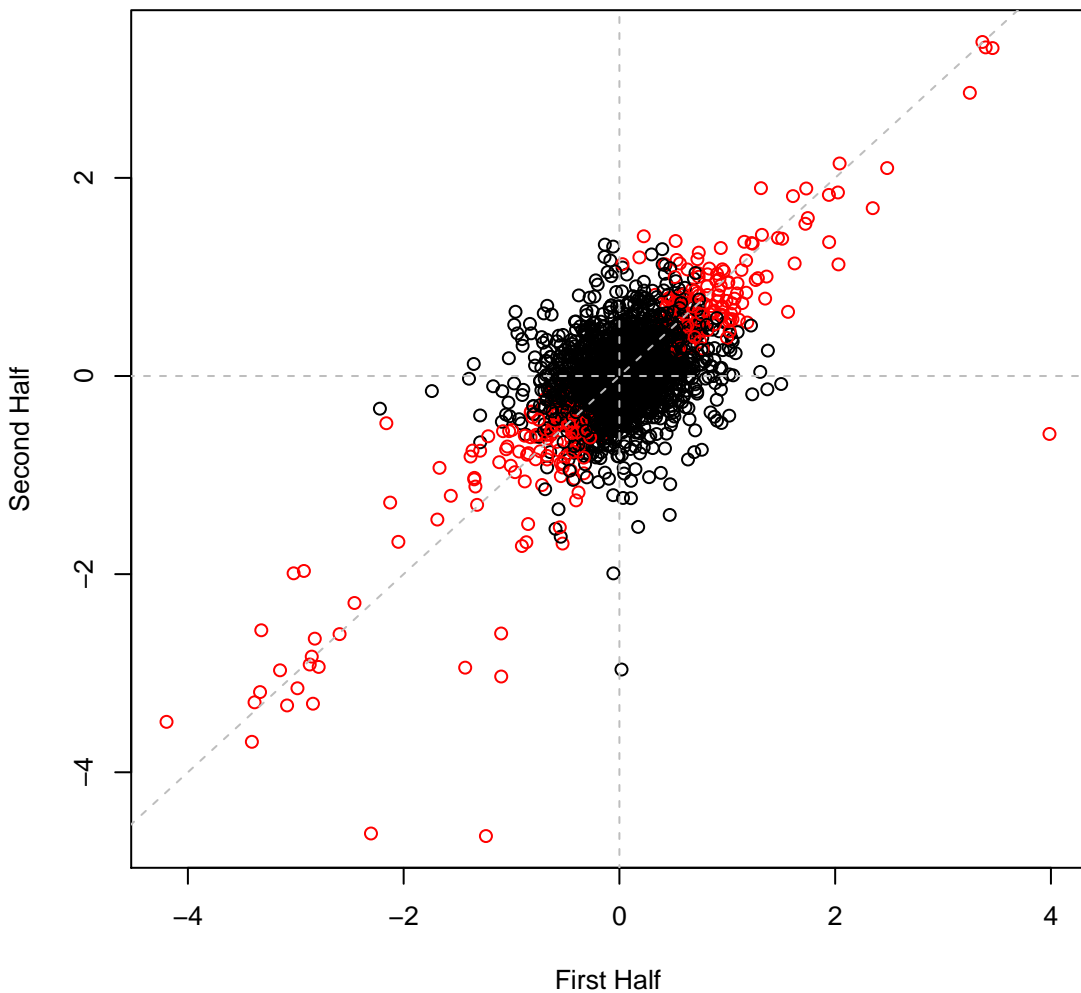
**m.b. benzoic 0.145 mg/ml**



**Phaeo set2H17 #65 (gMed=202 rho12=0.327)**  
**m.b. Phosphomycin 1 mg/ml**

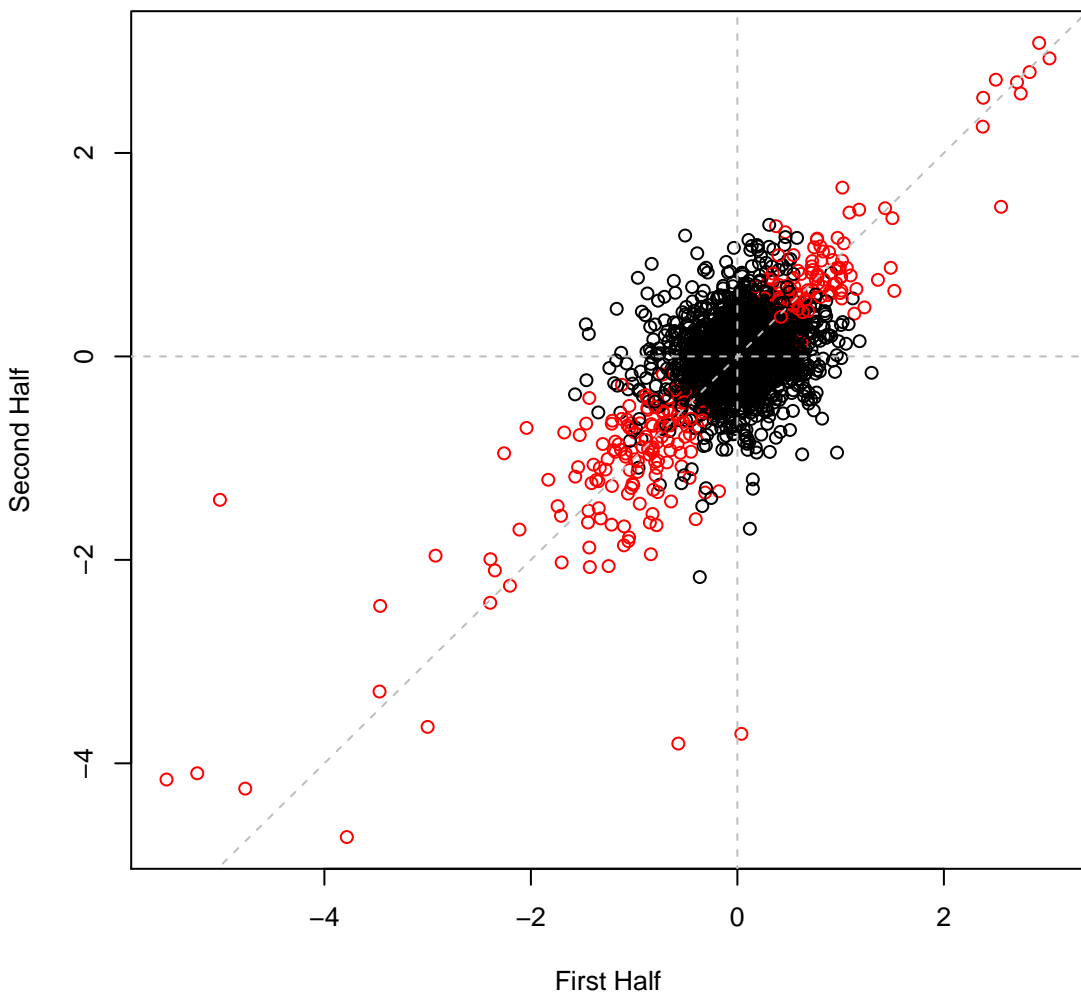


**Phaeo set2H18 #66 (gMed=200 rho12=0.515)**  
**m.b. Phosphomycin 2 mg/ml**



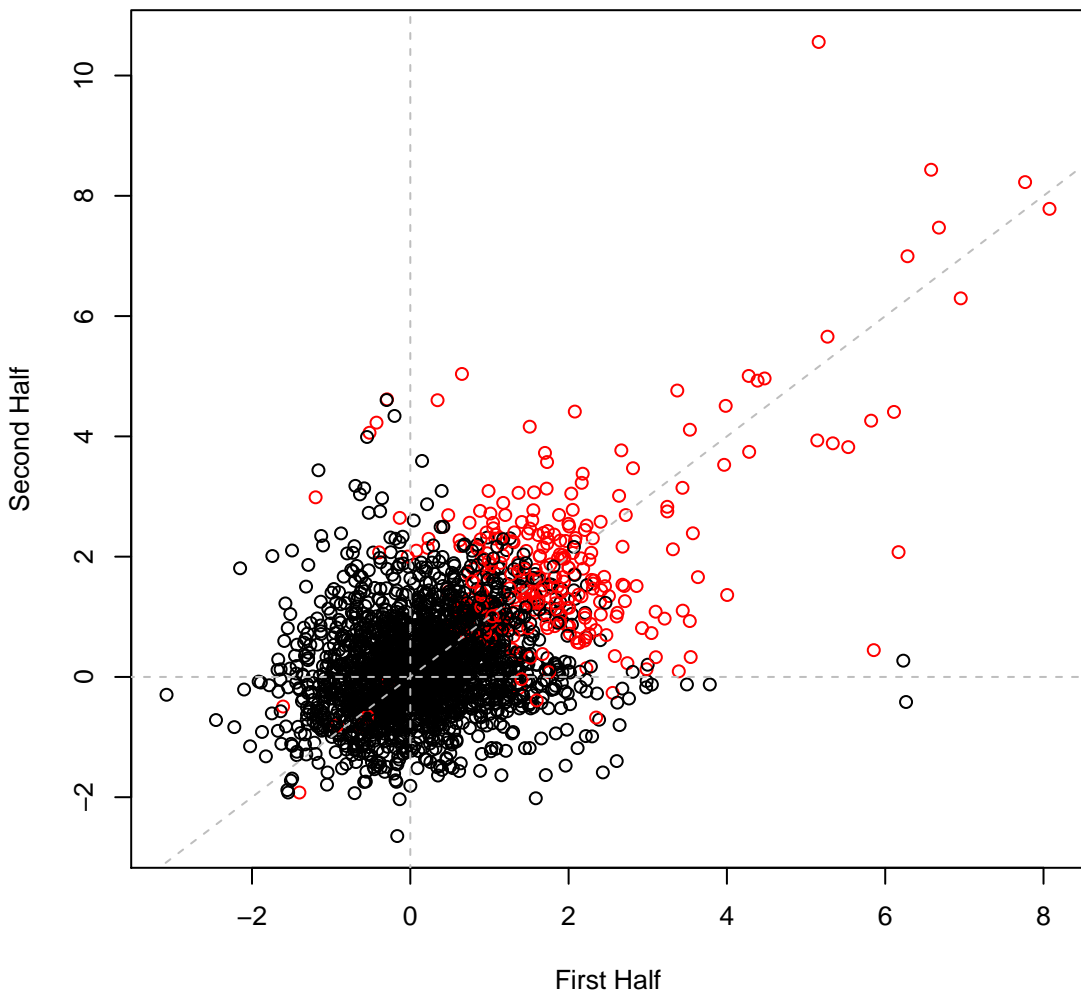


**Phaeo set2H19 #67 (gMed=202 rho12=0.445)**  
**m.b. Bacitracin 0.125 mg/ml**

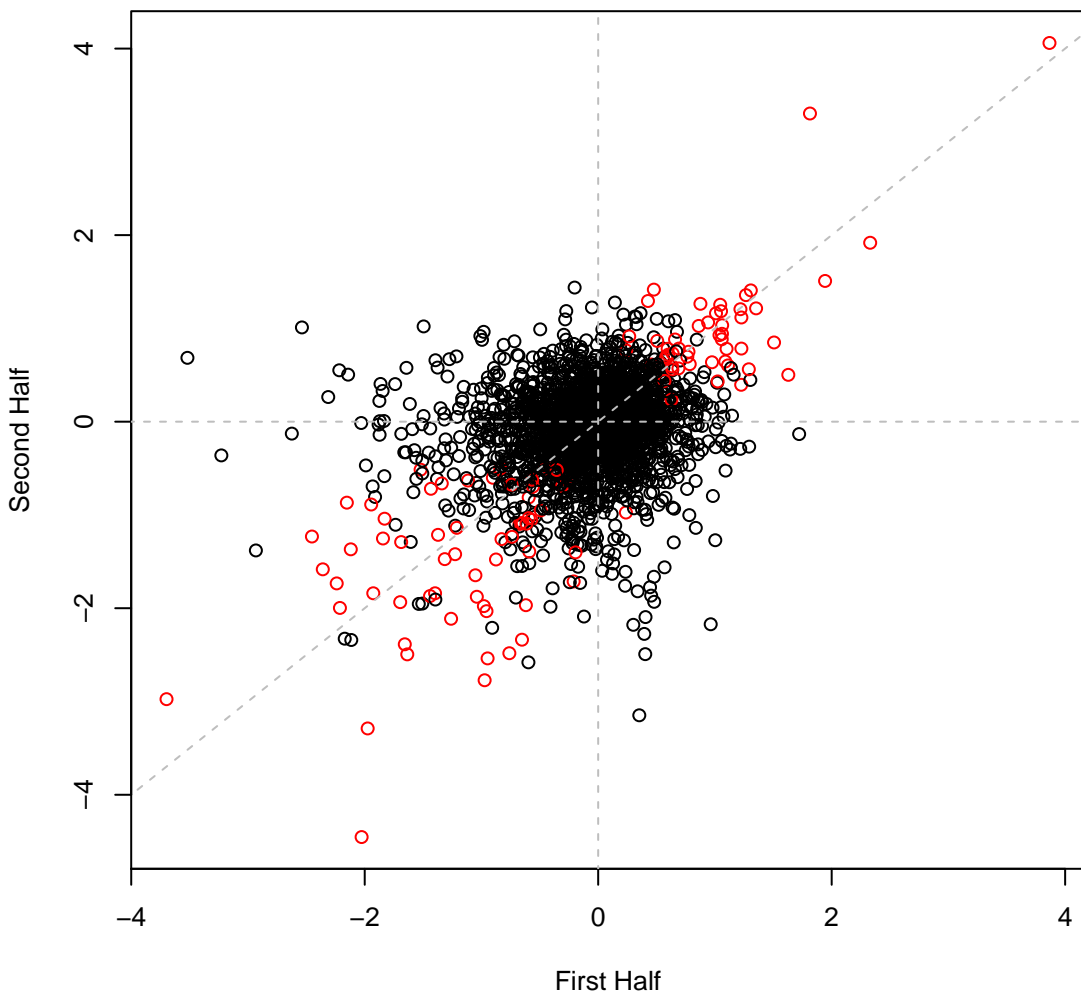


**Phaeo set2H20 #68 (gMed=6 rho12=0.374)**

**m.b. Bacitracin 0.25 mg/ml**

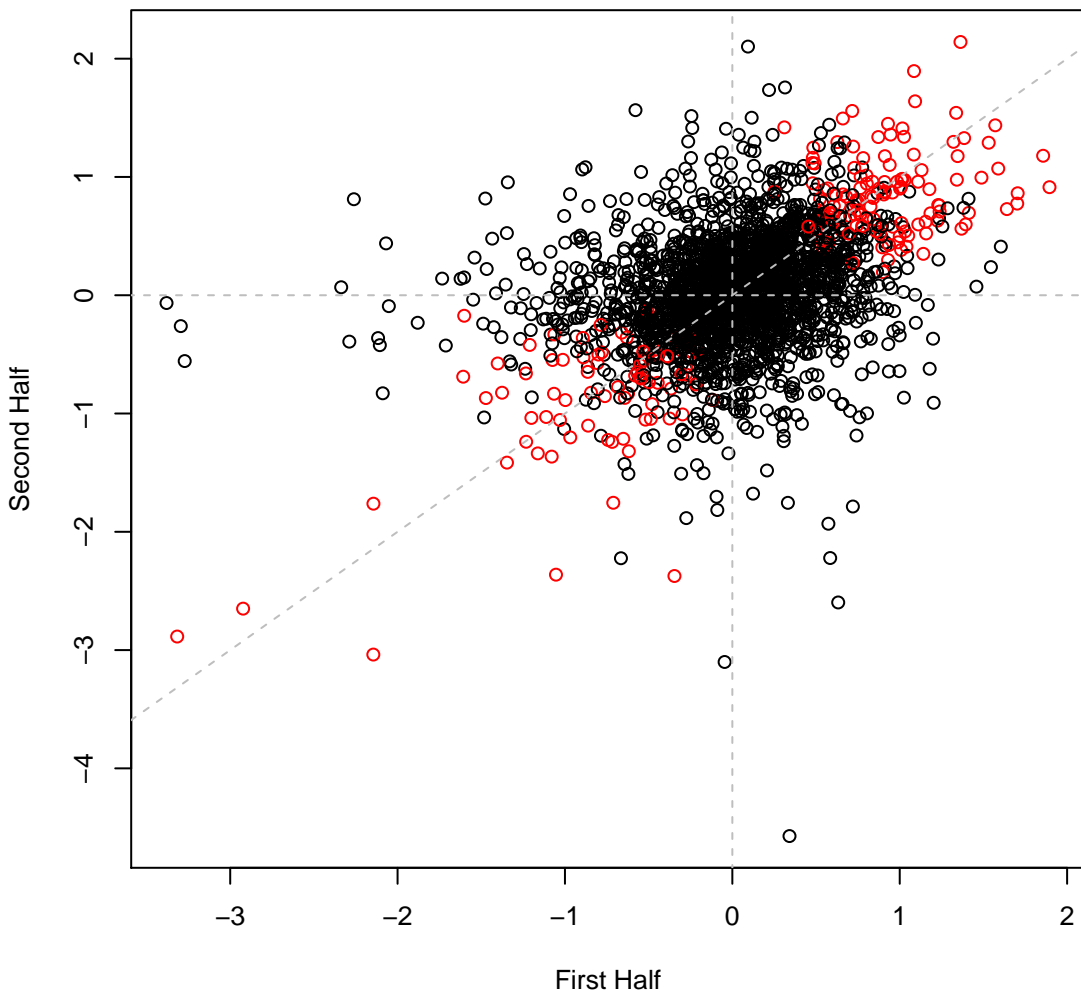


**Phaeo set2H21 #69 (gMed=72 rho12=0.254)**  
**m.b. Fusidic 0.0002 mg/ml**

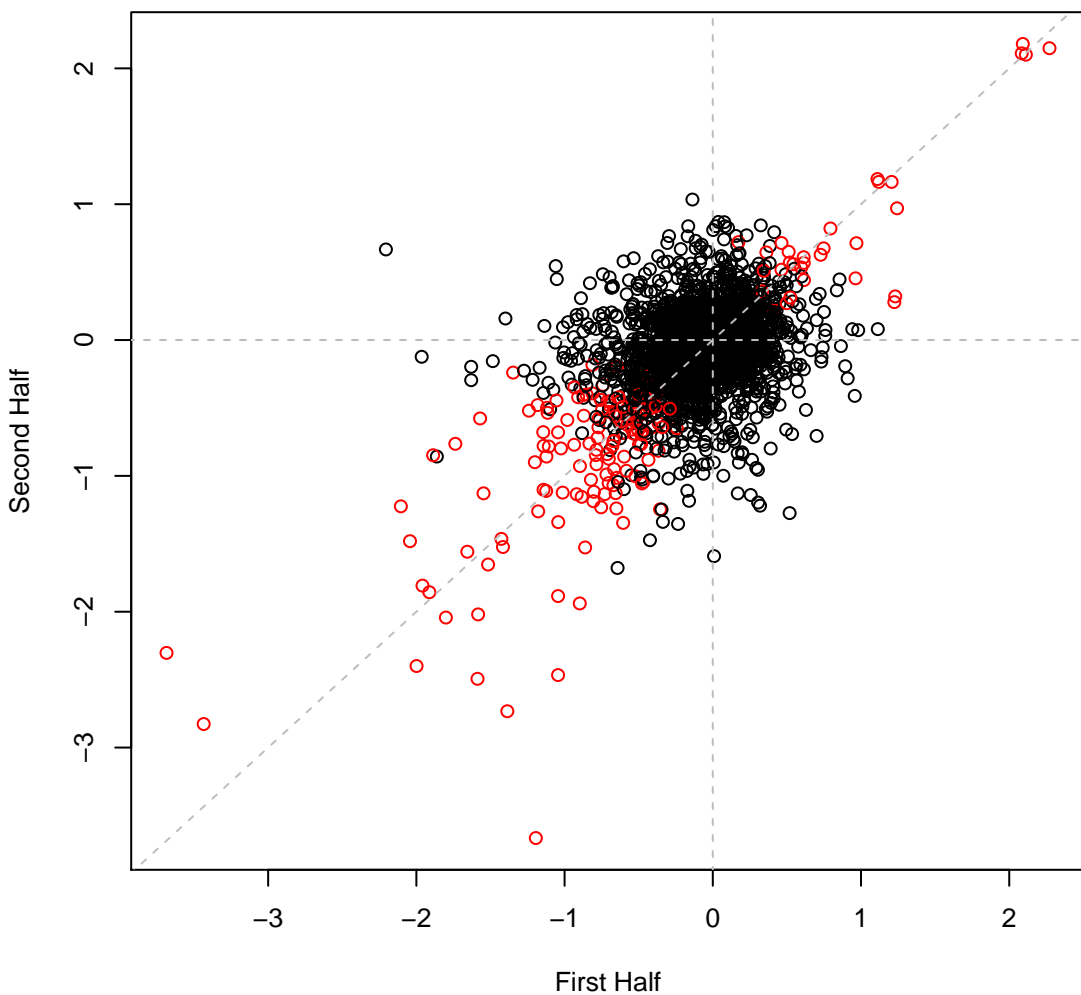


**Phaeo set2H22 #70 (gMed=166 rho12=0.375)**

**m.b. Dimethyl Sulfoxide 10 vol%**

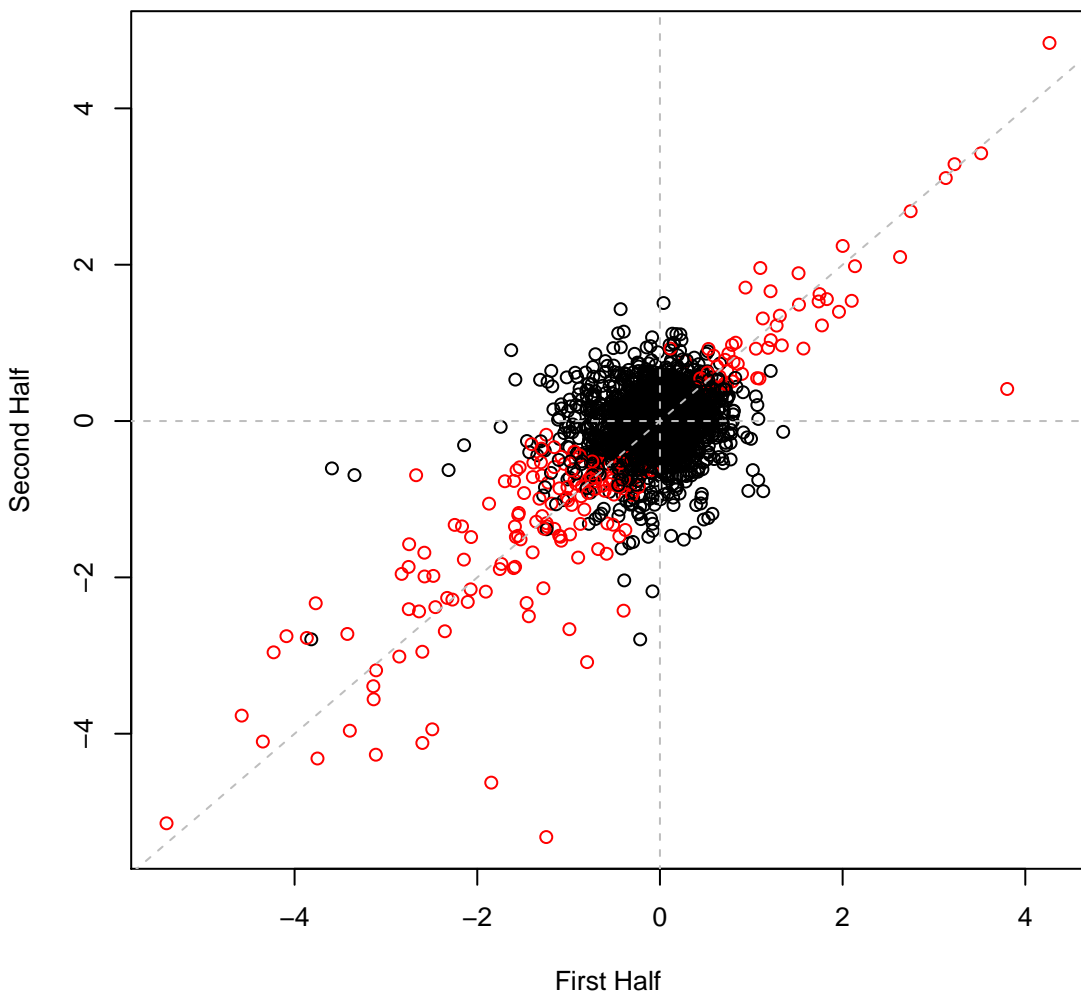


**Phaeo set2H23 #71 (gMed=185 rho12=0.383)**  
**marine broth**

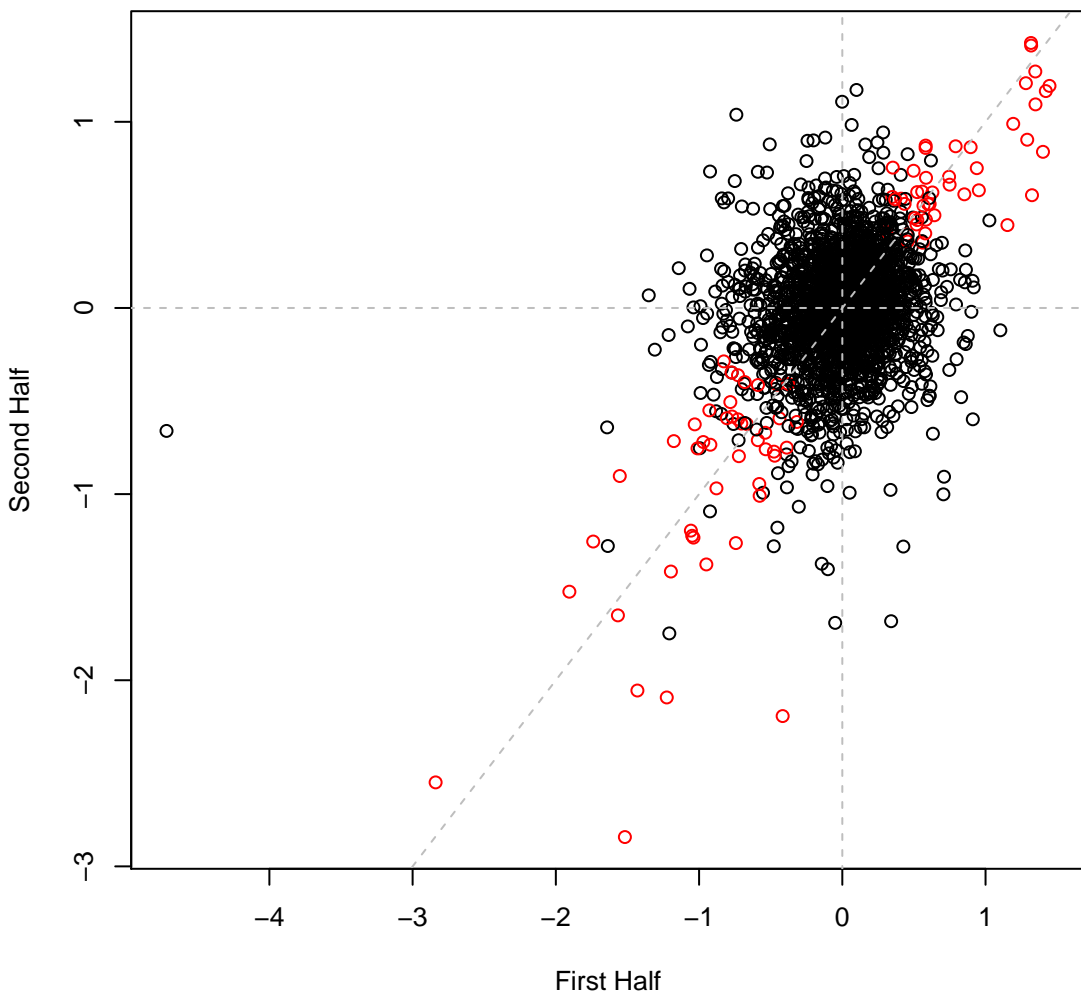


**Phaeo set2H24 #72 (gMed=167 rho12=0.338)**

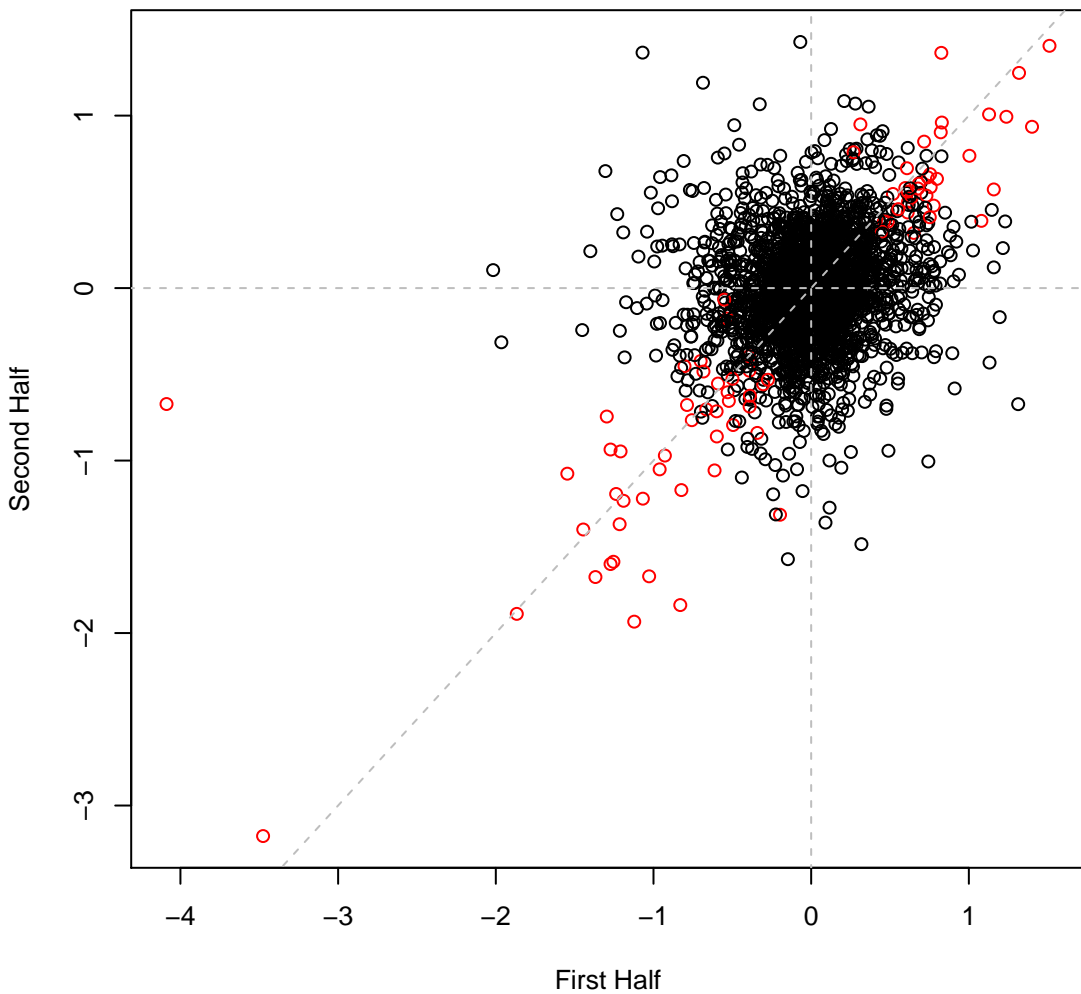
**m.b. Vancomycin 0.032 mg/ml**



**Phaeo set2H25 #73 (gMed=203 rho12=0.221)**  
**m.b. A22 0.02 mg/ml**



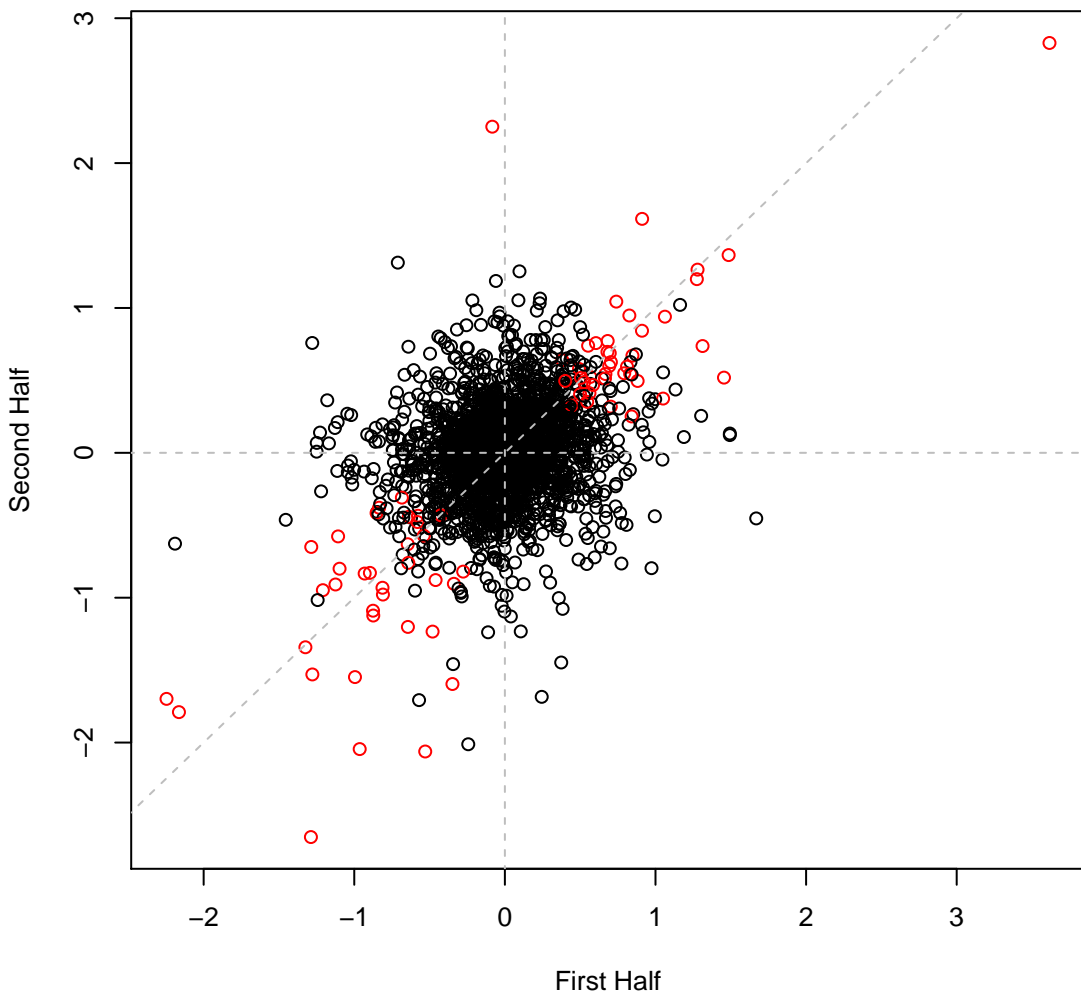
**Phaeo set2H26 #74 (gMed=229 rho12=0.254)**  
**m.b. A22 0.04 mg/ml**





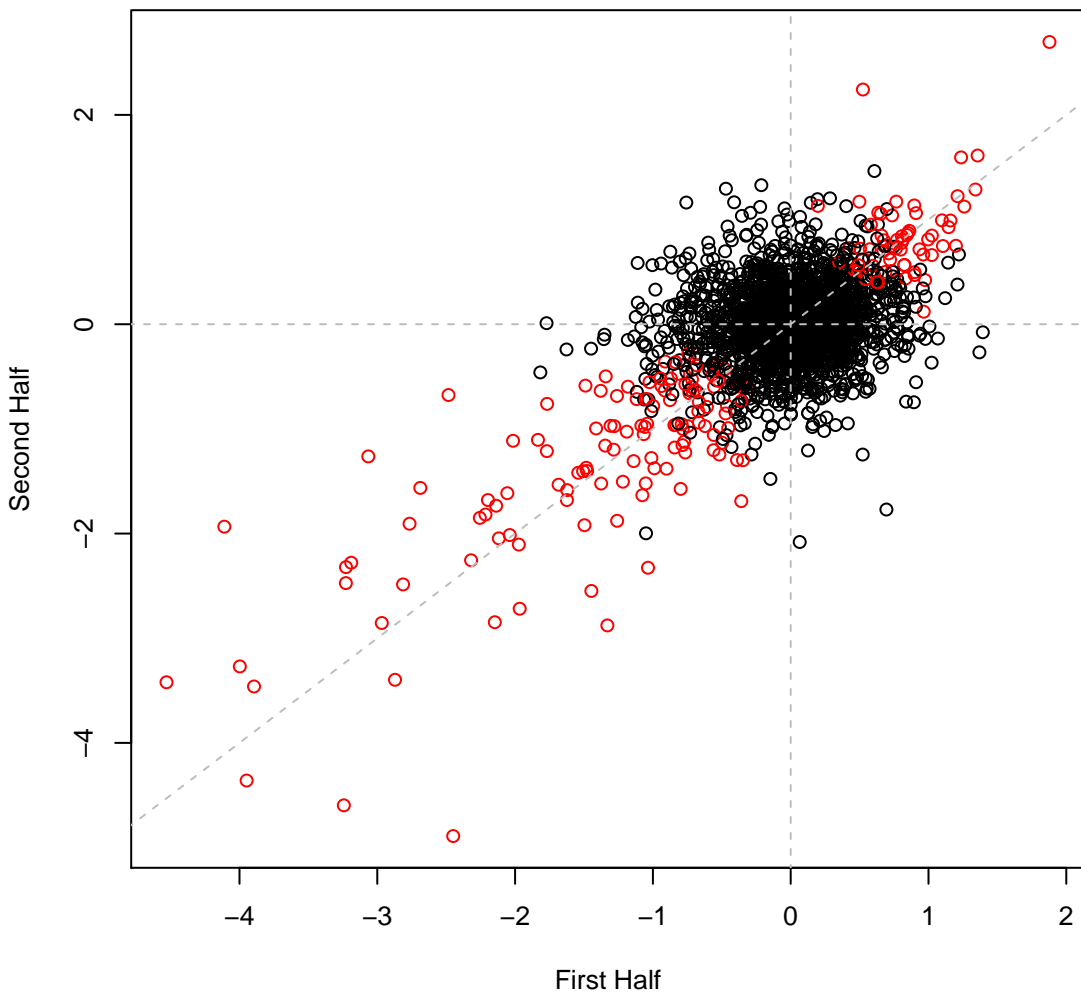
**Phaeo set2H27 #75 (gMed=199 rho12=0.245)**

**m.b. Lomefloxacin 0.00078125 mM**



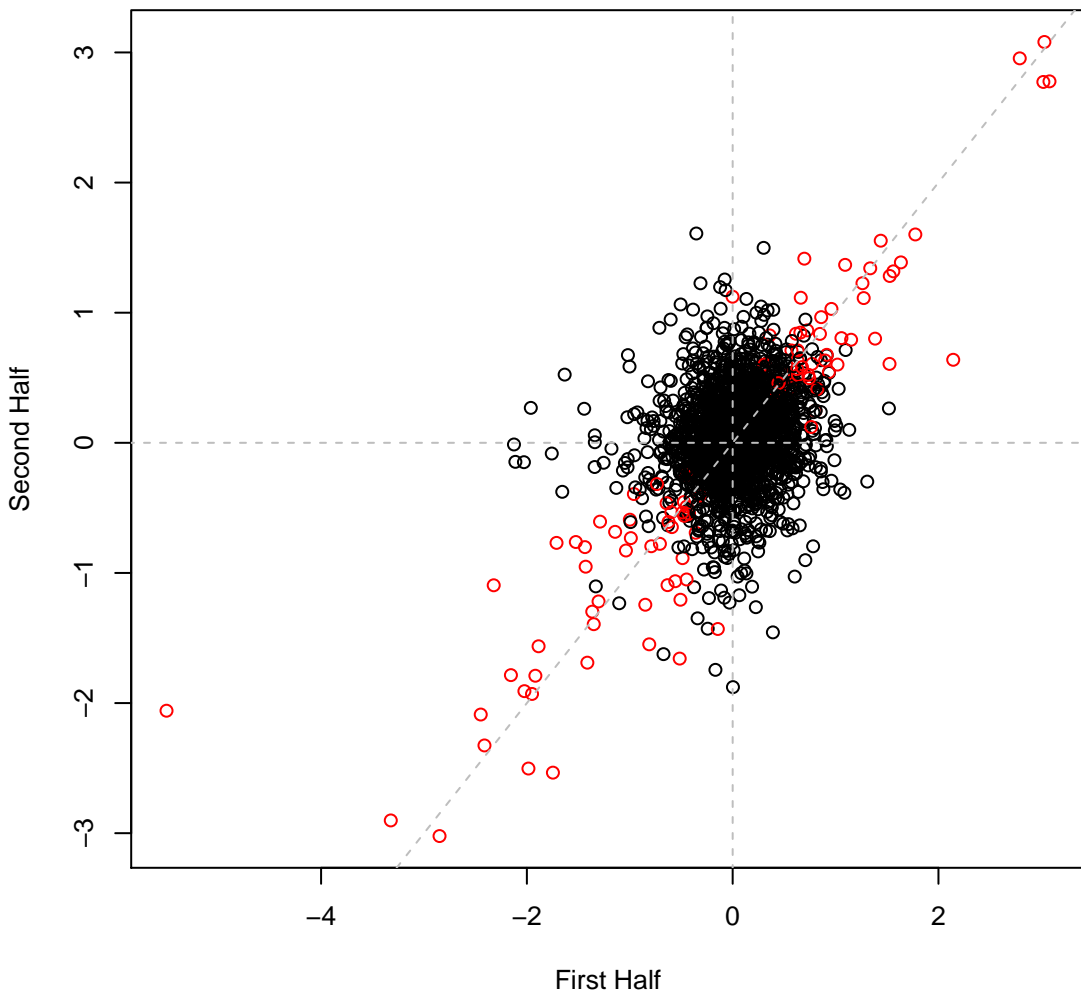
**Phaeo set2H28 #76 (gMed=203 rho12=0.290)**

**m.b. D-Cycloserine 0.0625 mg/ml**



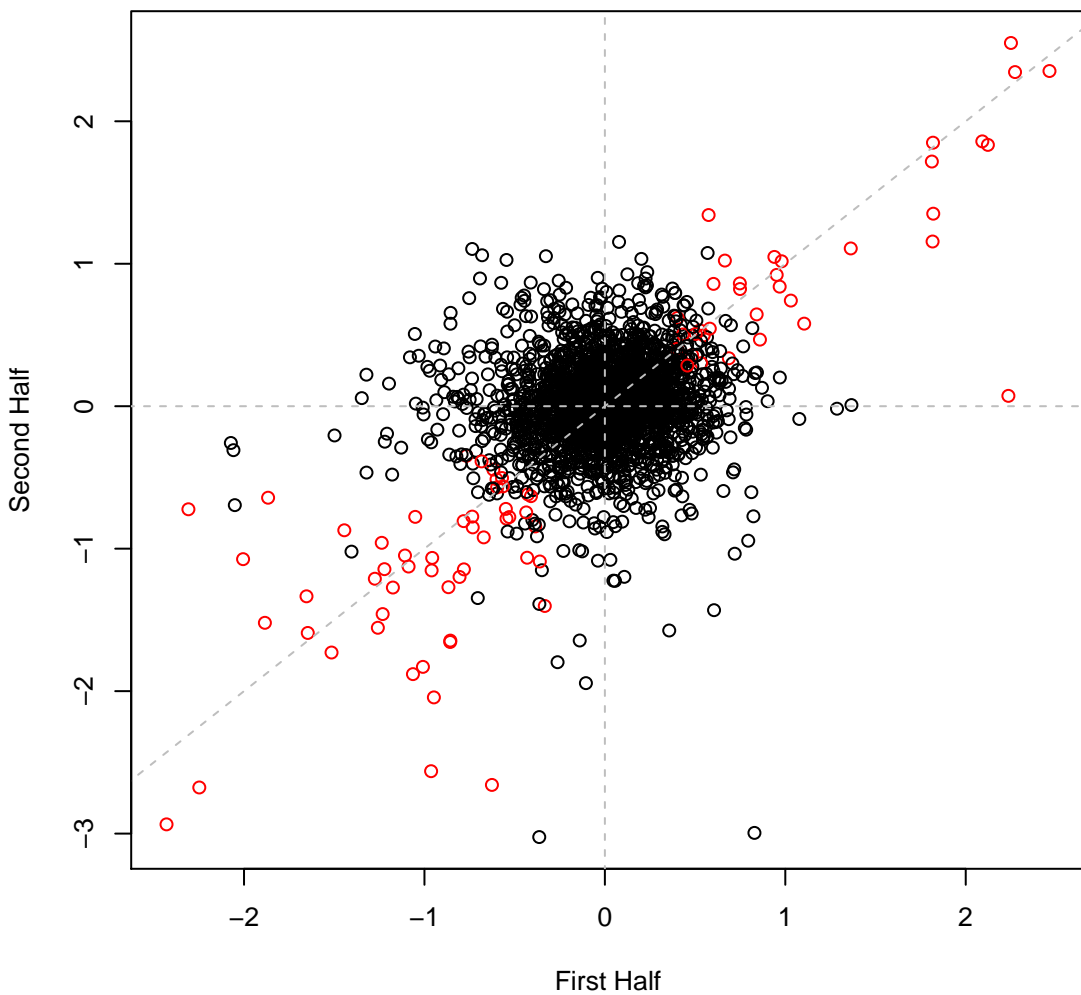
**Phaeo set2H29 #77 (gMed=178 rho12=0.290)**

**m.b. Doxycycline hyclate 0.001 mg/ml**

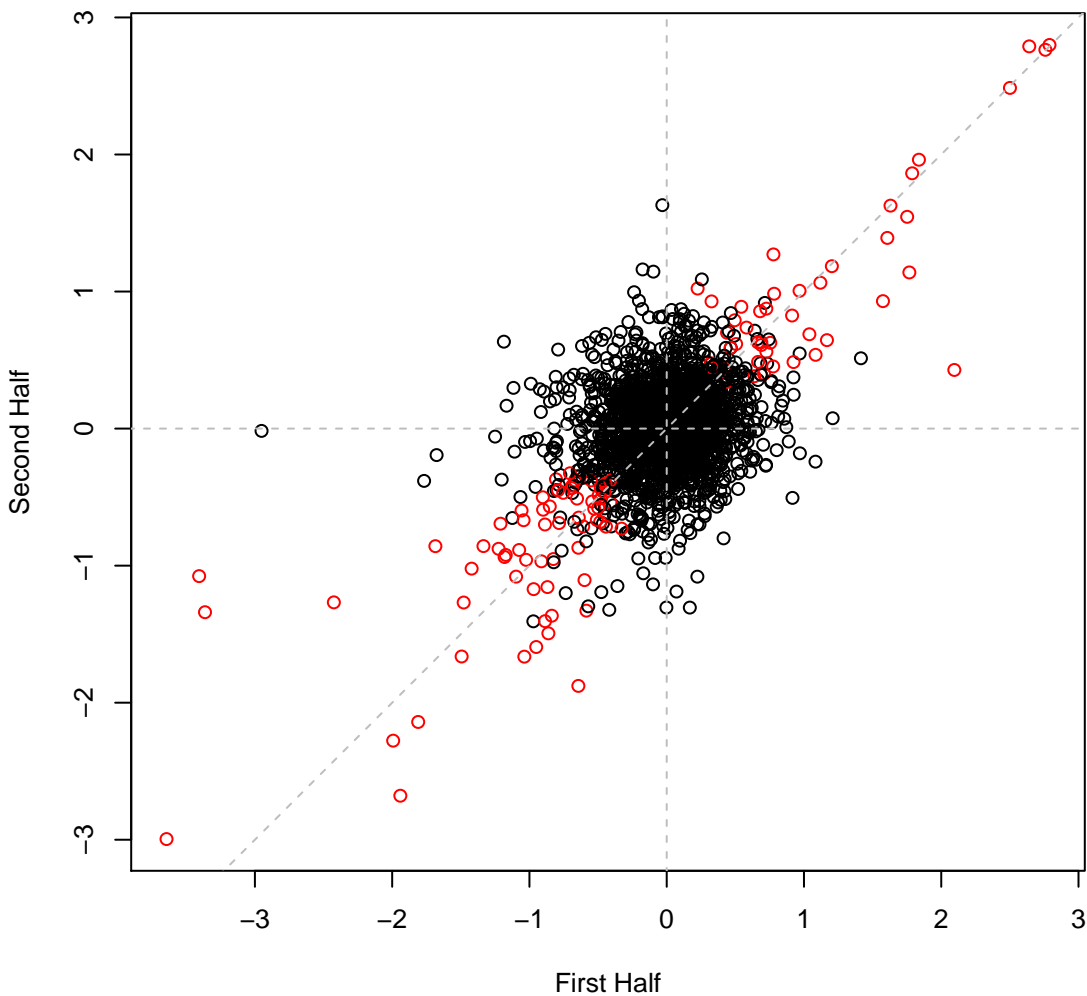


**Phaeo set2H30 #78 (gMed=165 rho12=0.200)**

**m.b. Ceftazidime 0.001 mg/ml**

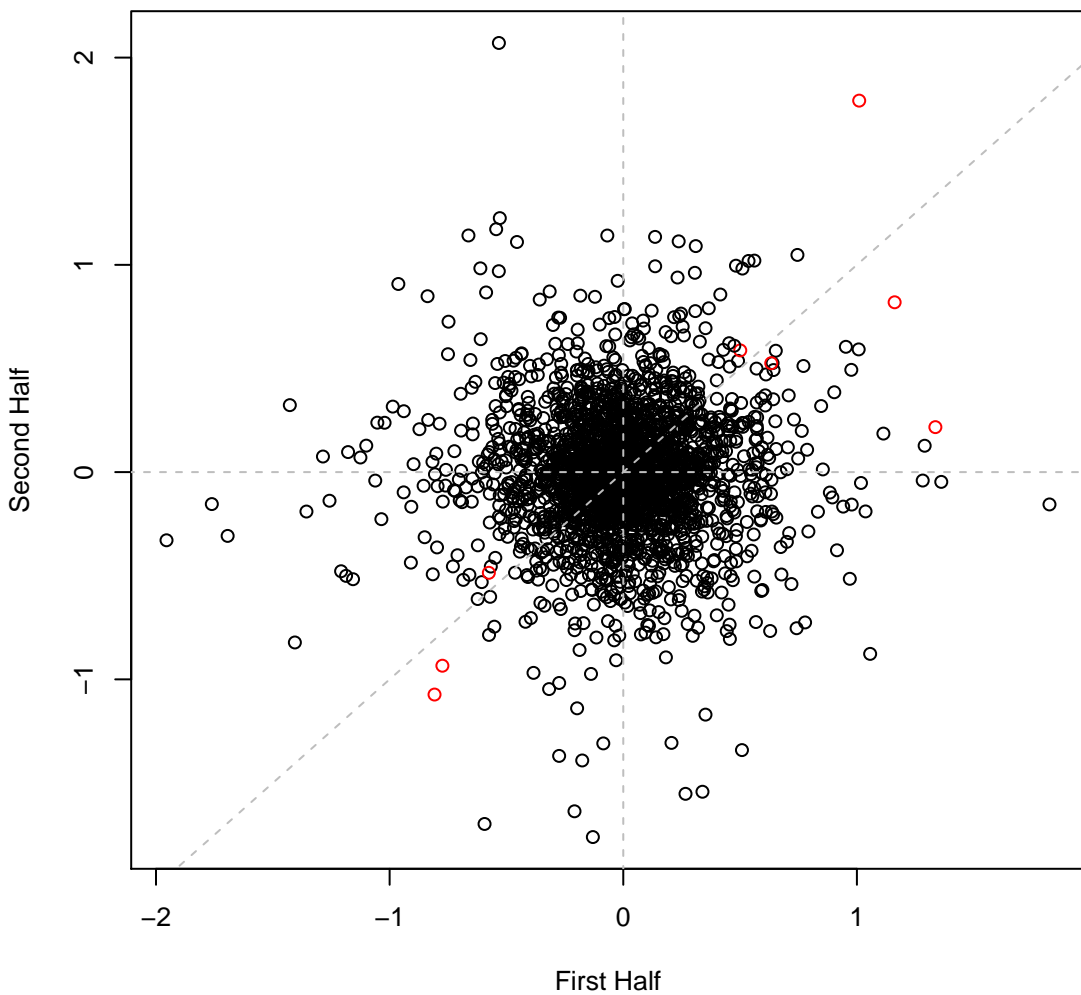


**Phaeo set2H31 #79 (gMed=206 rho12=0.258)**  
**marine broth**



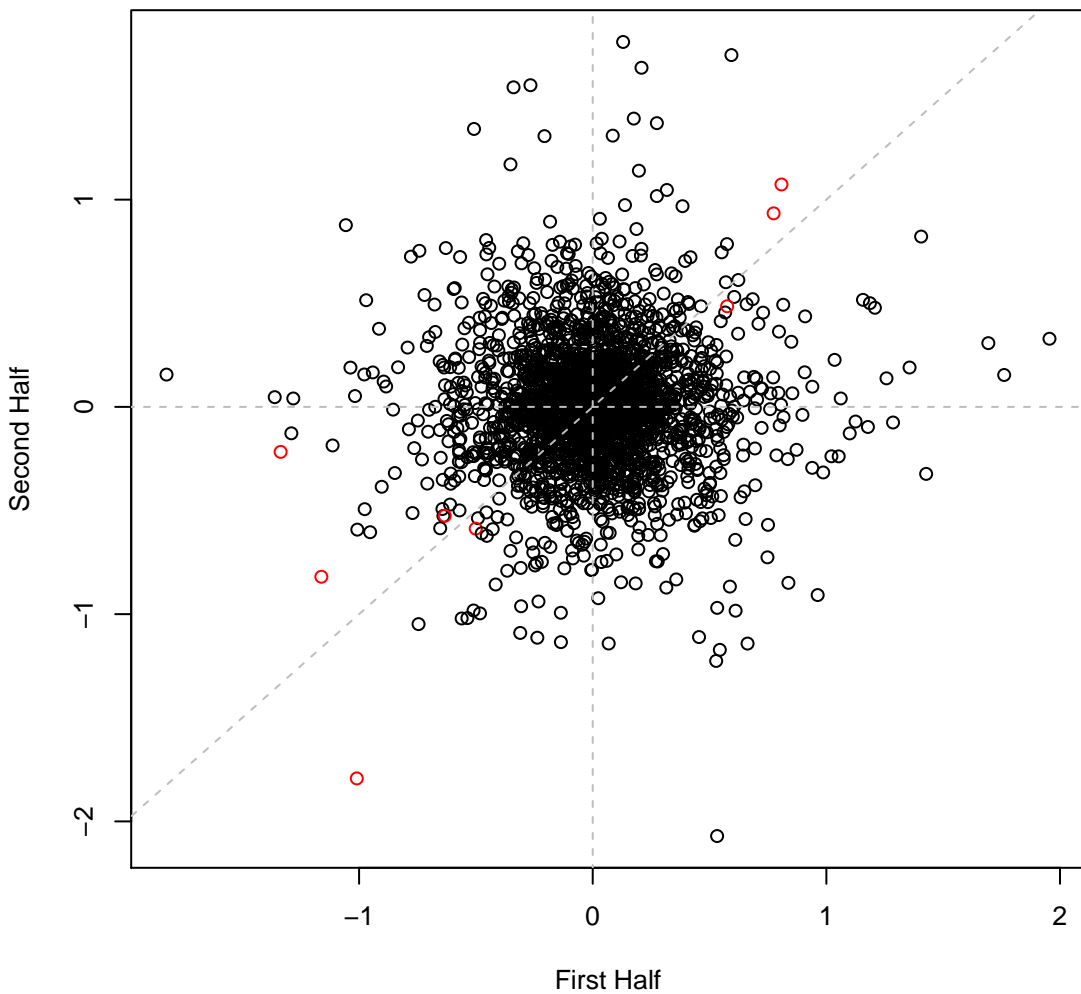
Phaeo set2H32 #80 (gMed=148 rho12=0.024)

Time0



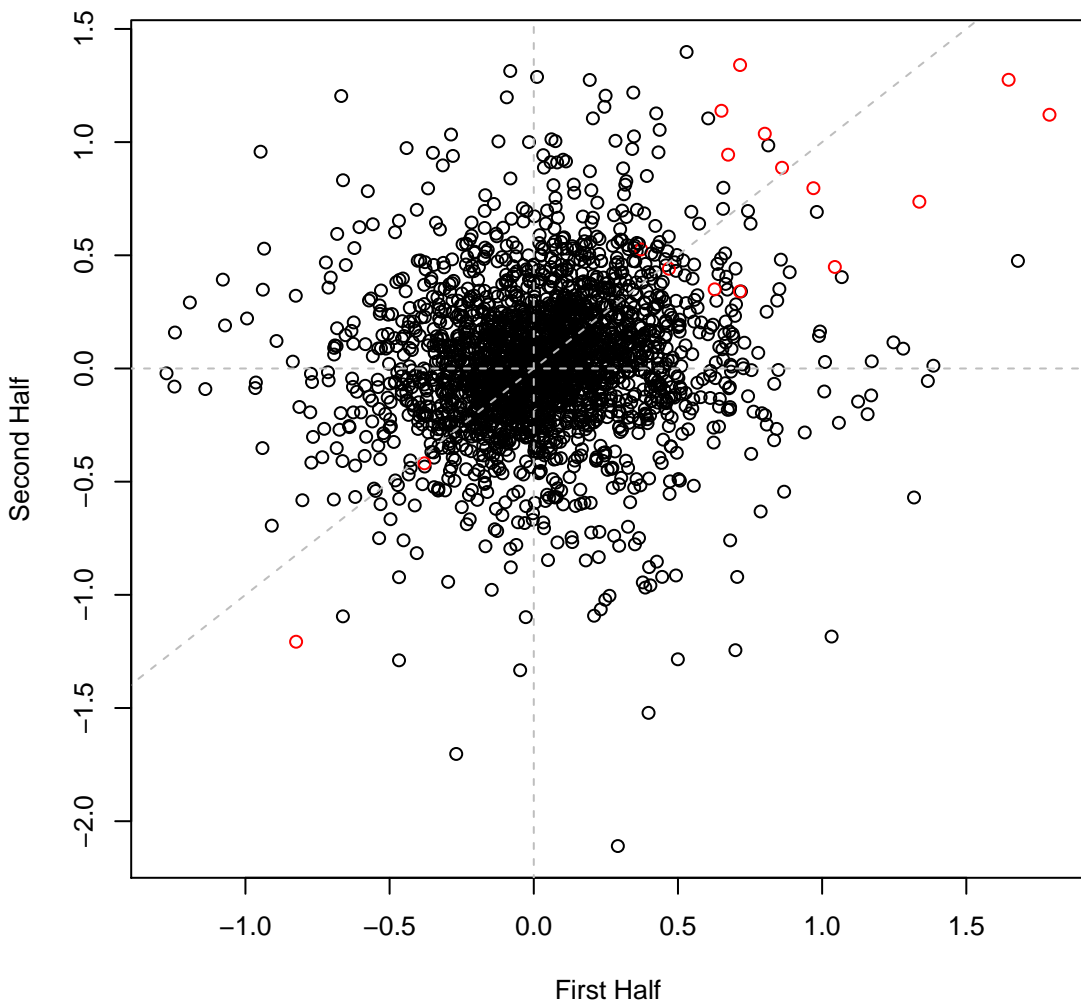
**Phaeo set2H33 #81 (gMed=159 rho12=0.024)**

**Time0**



**Phaeo set2H34 #82 (gMed=145 rho12=0.161)**

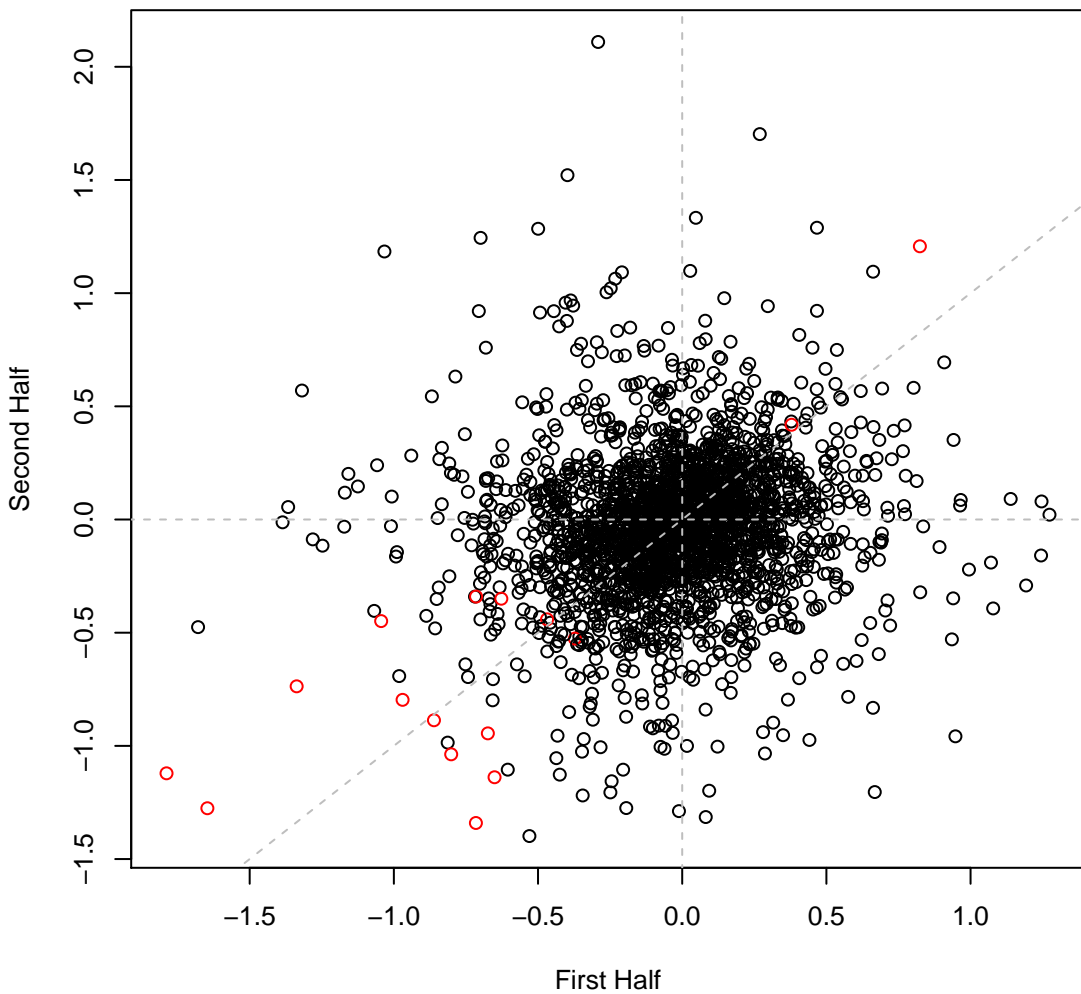
**Time0**



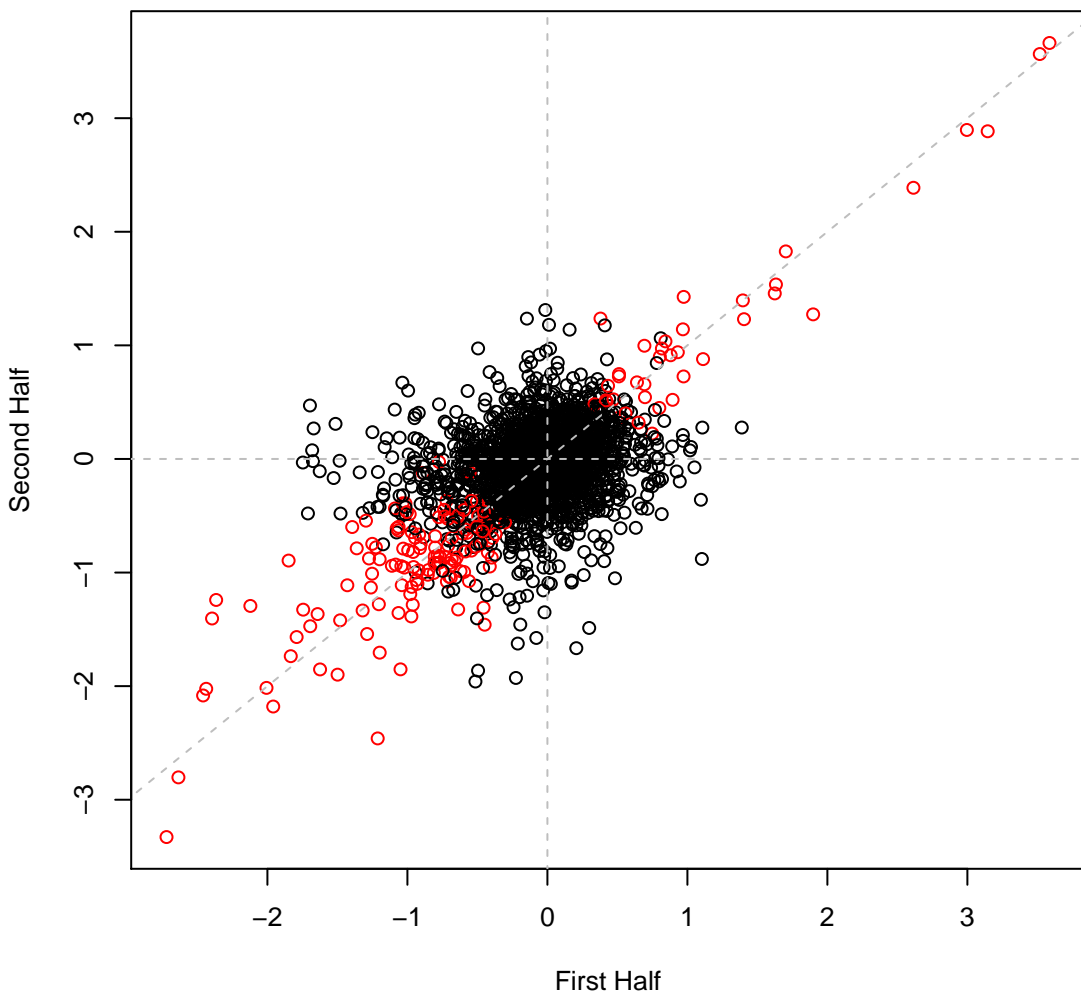


**Phaeo set2H35 #83 (gMed=156 rho12=0.161)**

**Time0**

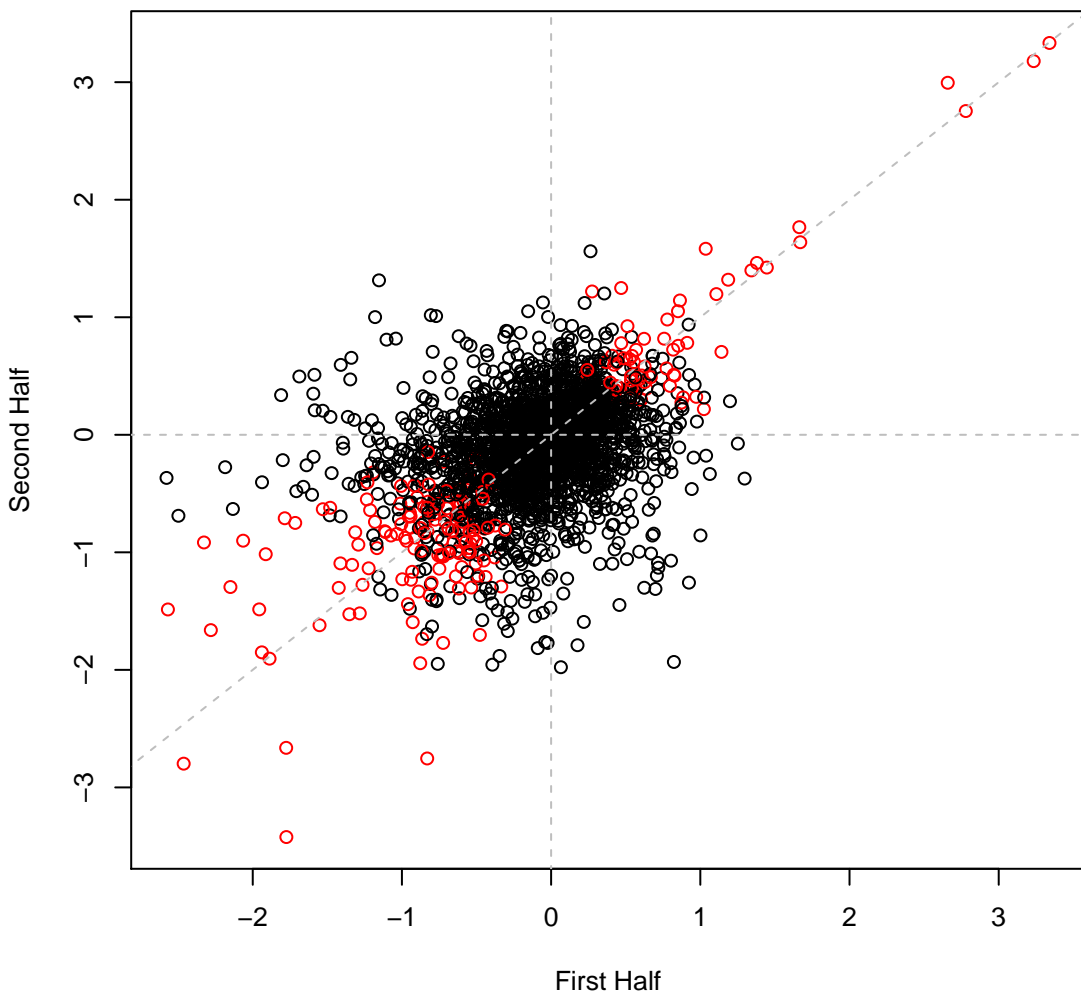


**Phaeo set2H36 #84 (gMed=172 rho12=0.372)**  
**m.b. Chloramphenicol 0.0002 mg/ml**



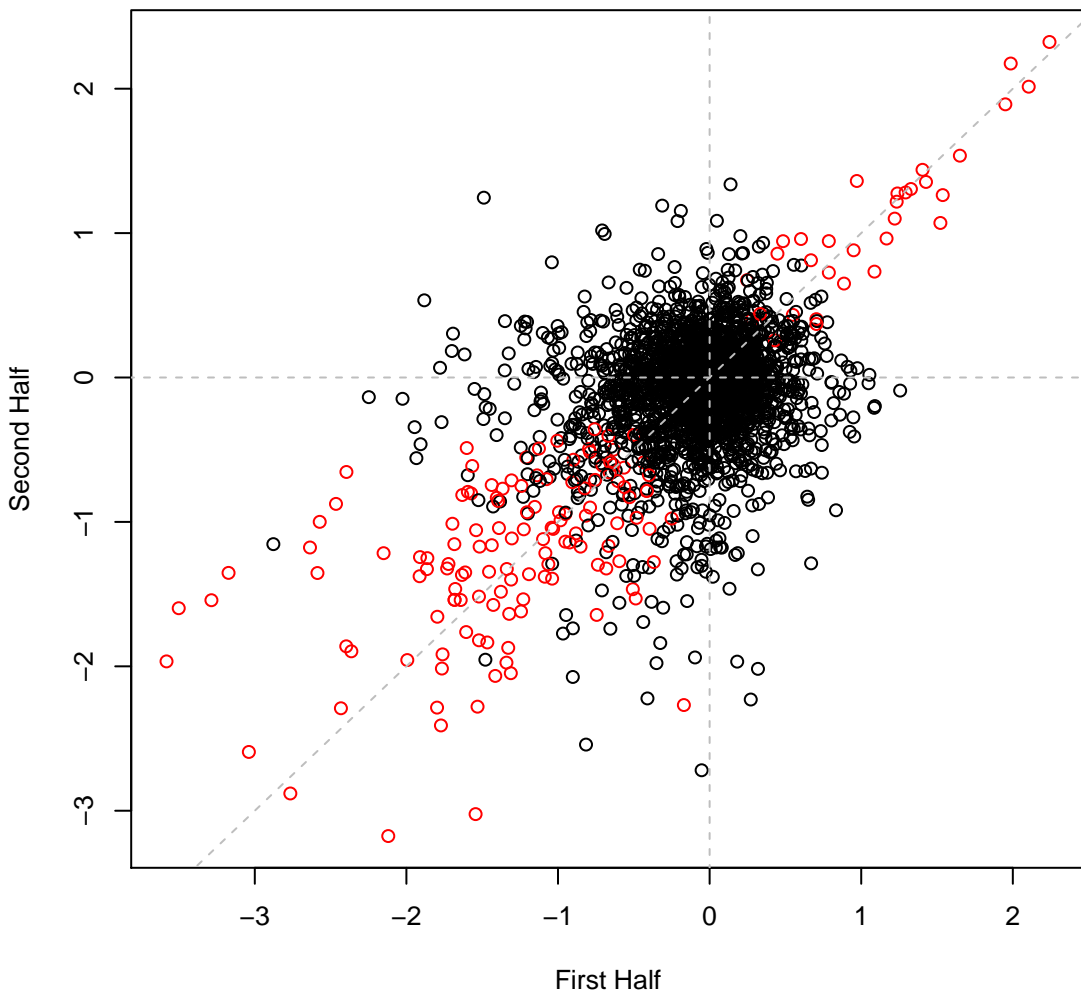
**Phaeo set2H37 #85 (gMed=82 rho12=0.411)**

**m.b. Tetracycline 0.00625 mg/ml**



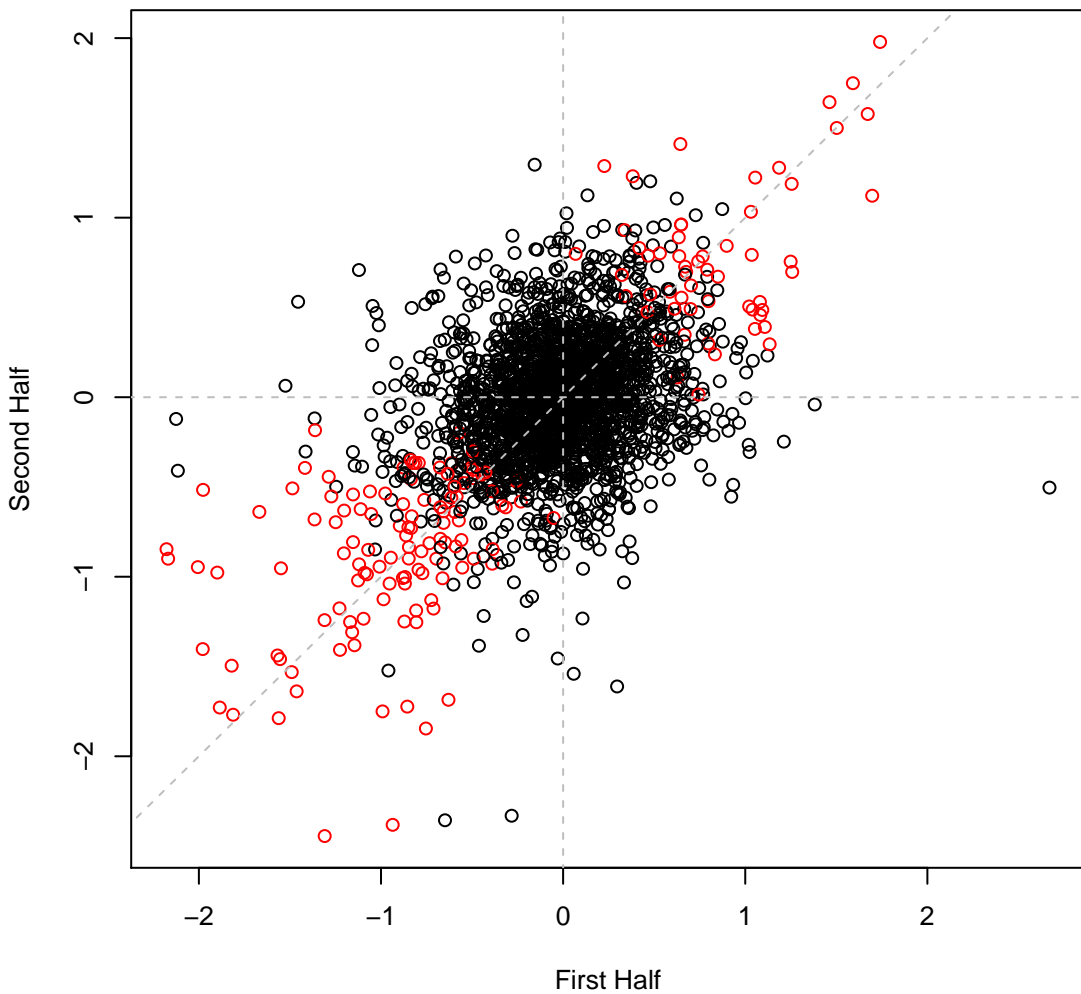
**Phaeo set2H38 #86 (gMed=80 rho12=0.291)**

**m.b. Spectinomycin 0.00625 mg/ml**



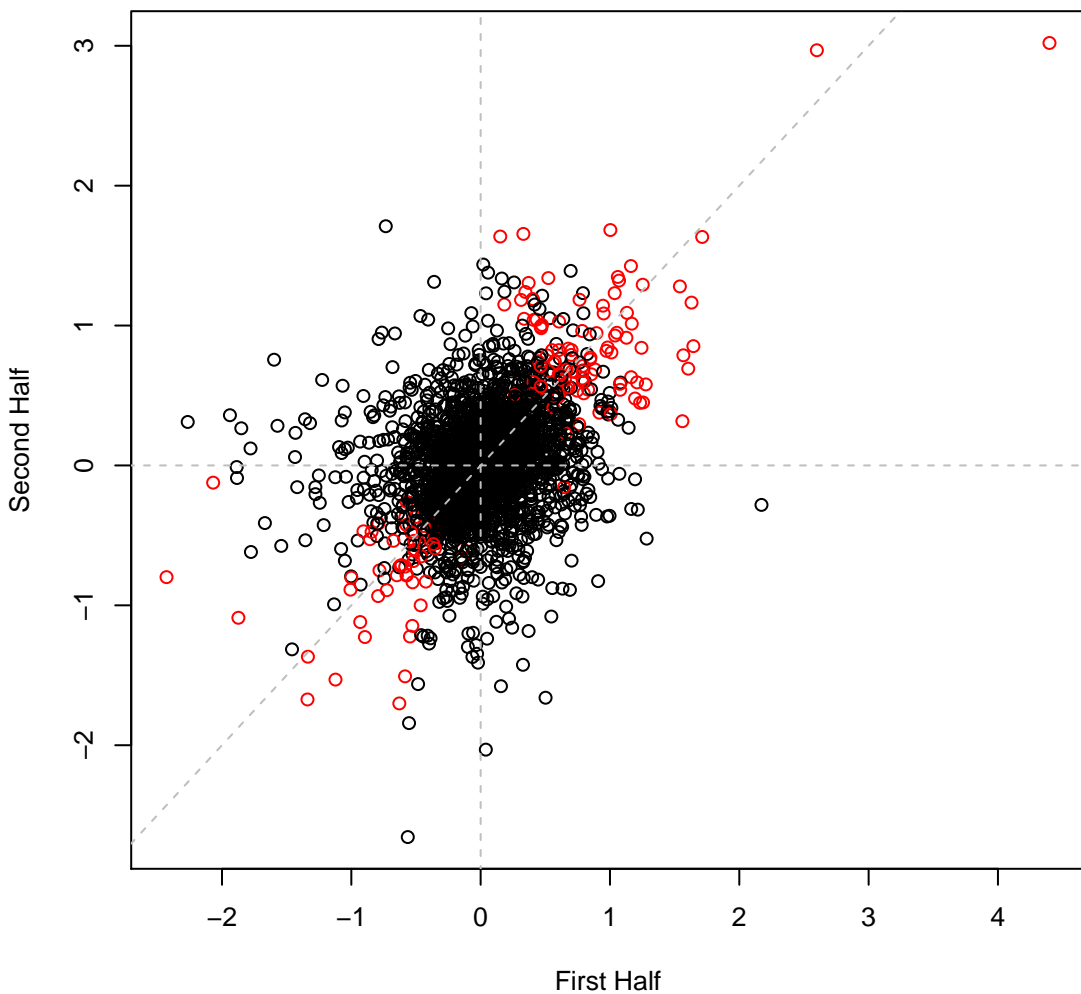
**Phaeo set2H39 #87 (gMed=139 rho12=0.367)**

**m.b. Nalidixic 0.008 mg/ml**

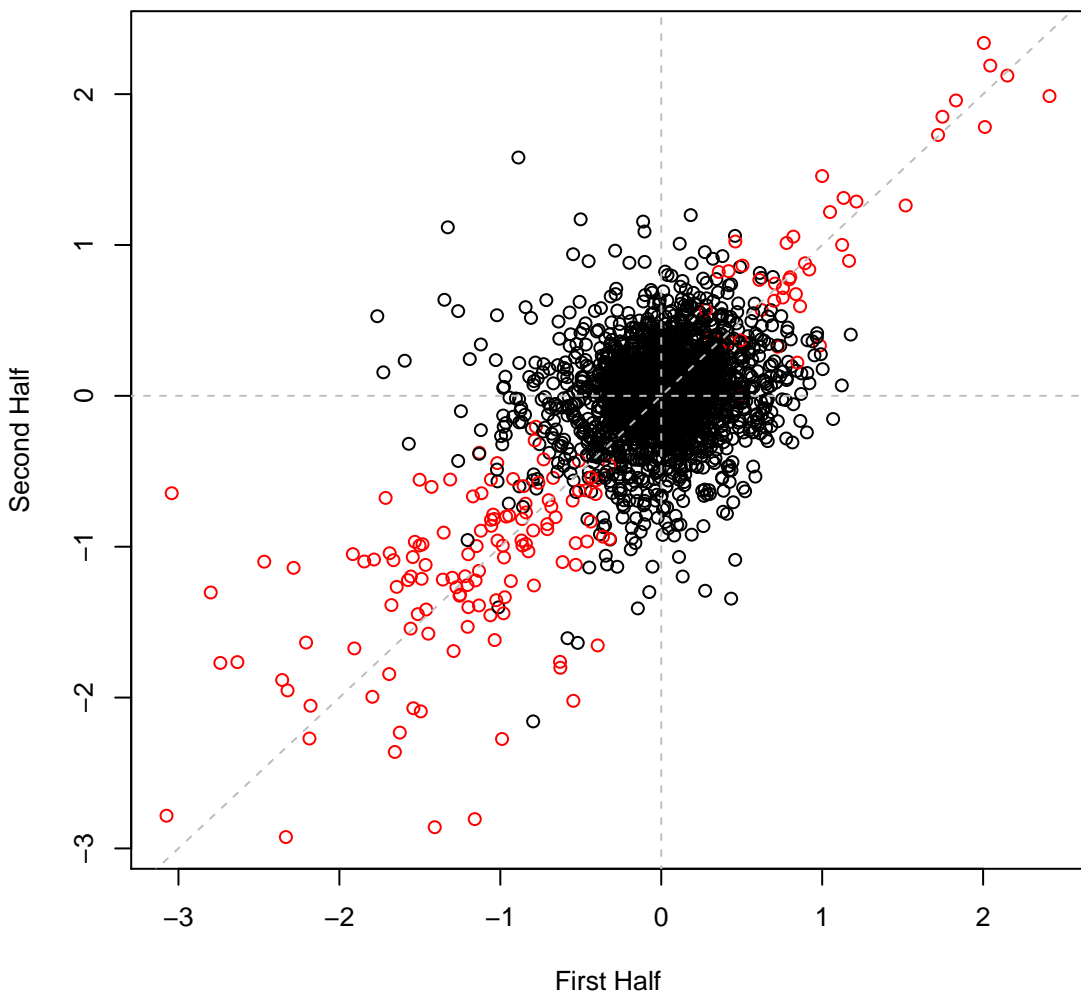


**Phaeo set2H40 #88 (gMed=118 rho12=0.353)**

**m.b. Nalidixic 0.016 mg/ml**

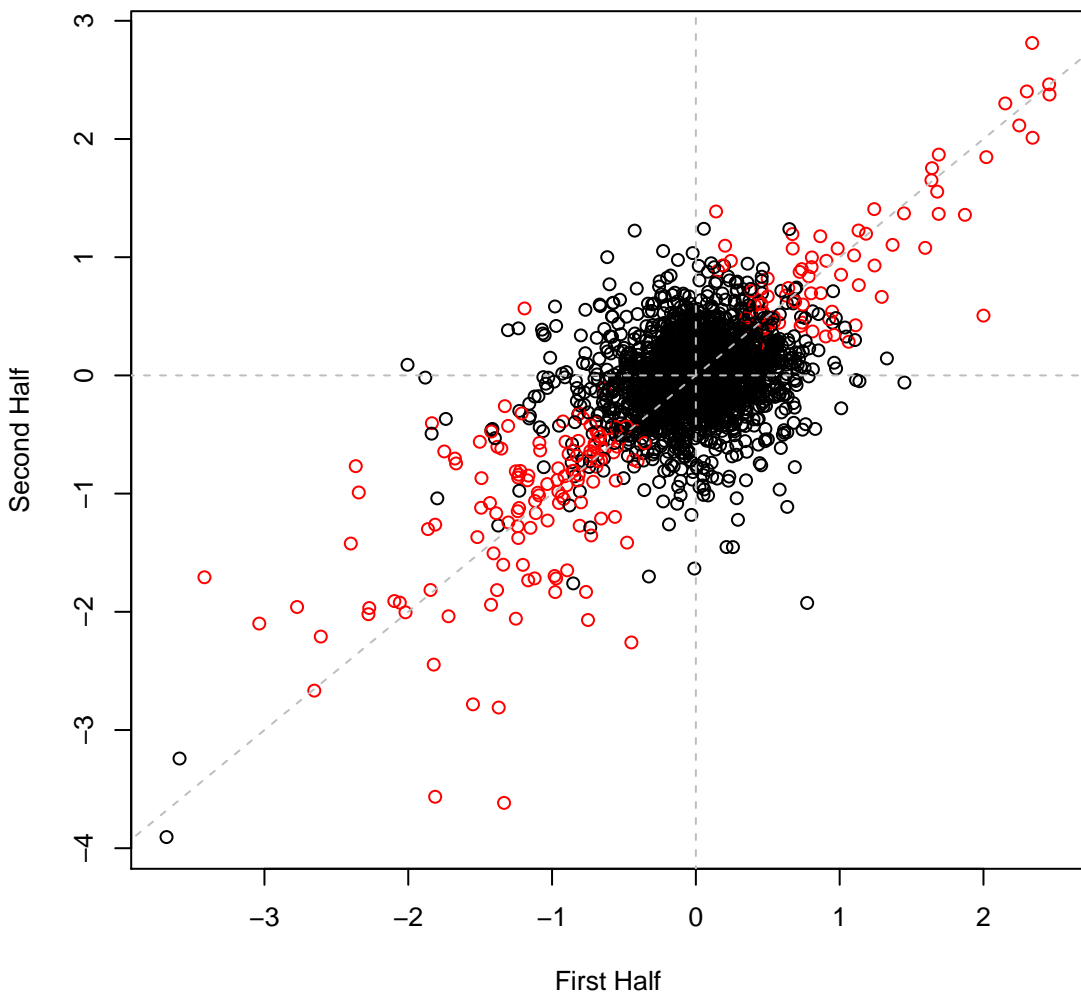


**Phaeo set2H41 #89 (gMed=164 rho12=0.325)**  
**m.b. Gentamicin 0.002 mg/ml**



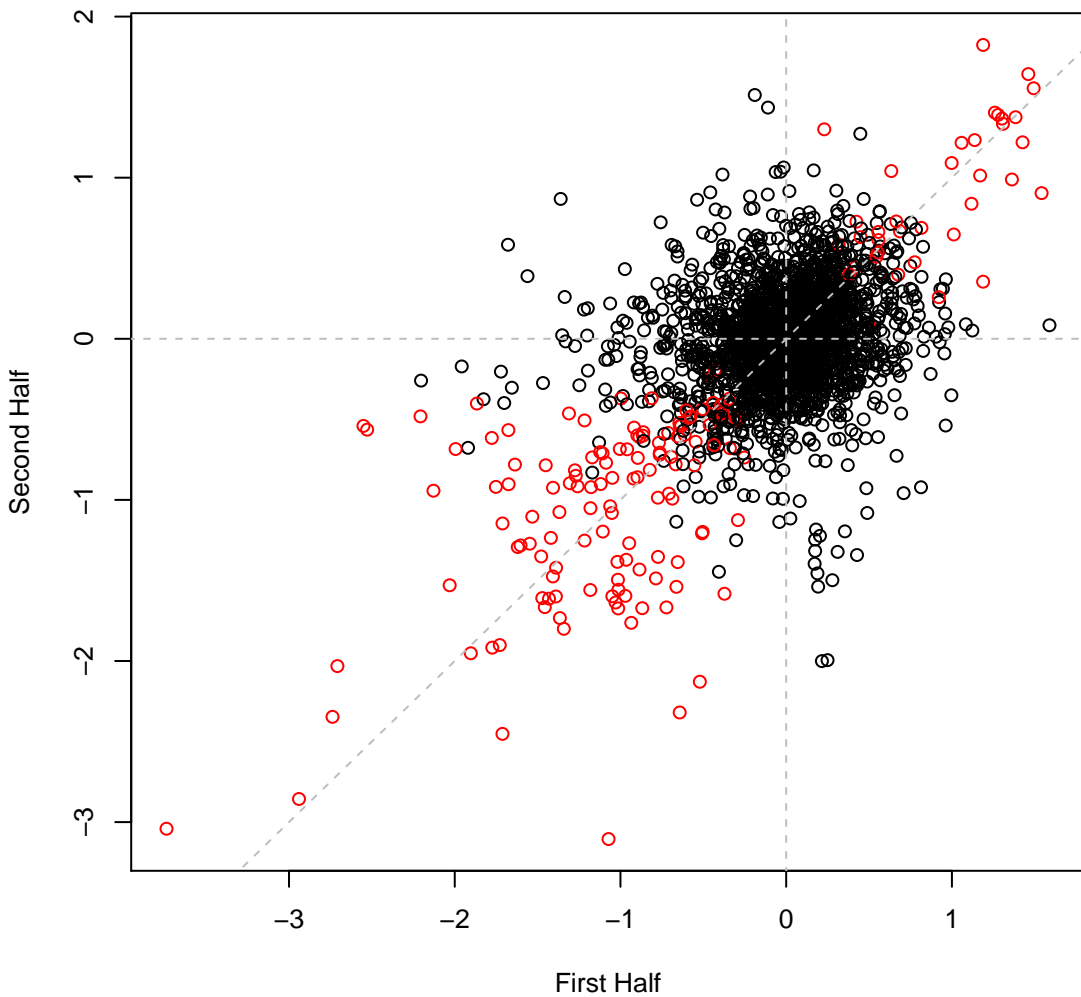
**Phaeo set2H42 #90 (gMed=145 rho12=0.383)**

**m.b. Gentamicin 0.004 mg/ml**

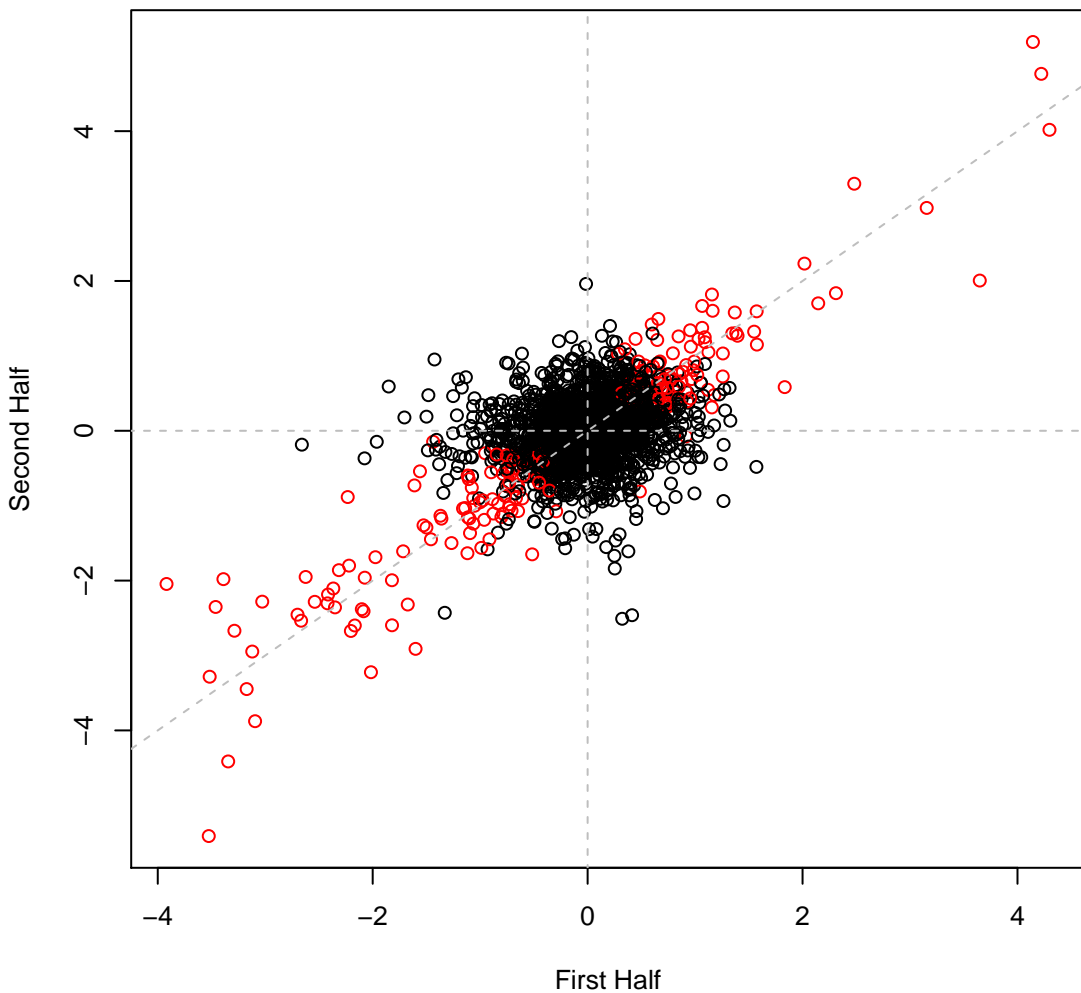




**Phaeo set2H43 #91 (gMed=149 rho12=0.343)**  
**marine broth**

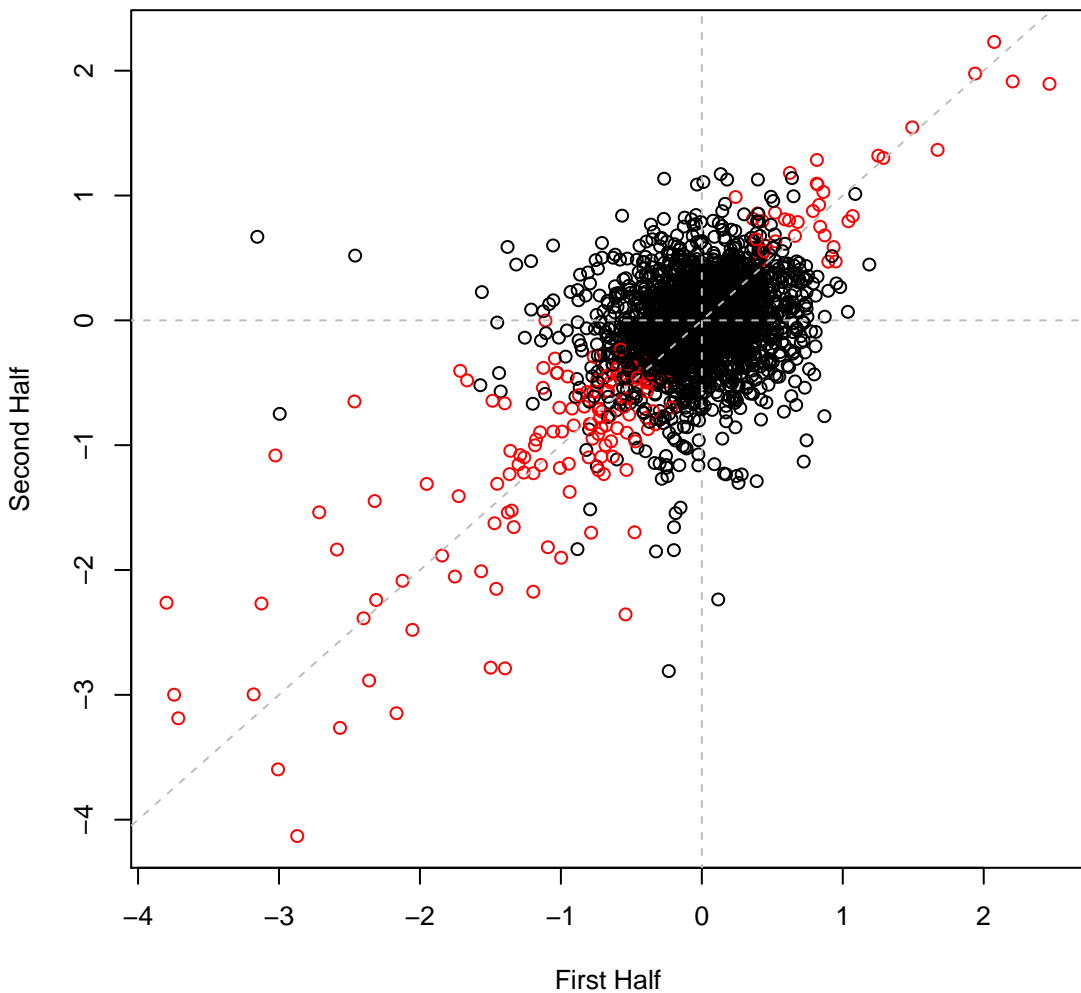


**Phaeo set2H44 #92 (gMed=102 rho12=0.395)**  
**m.b. Rifampicin 0.004 mg/ml**



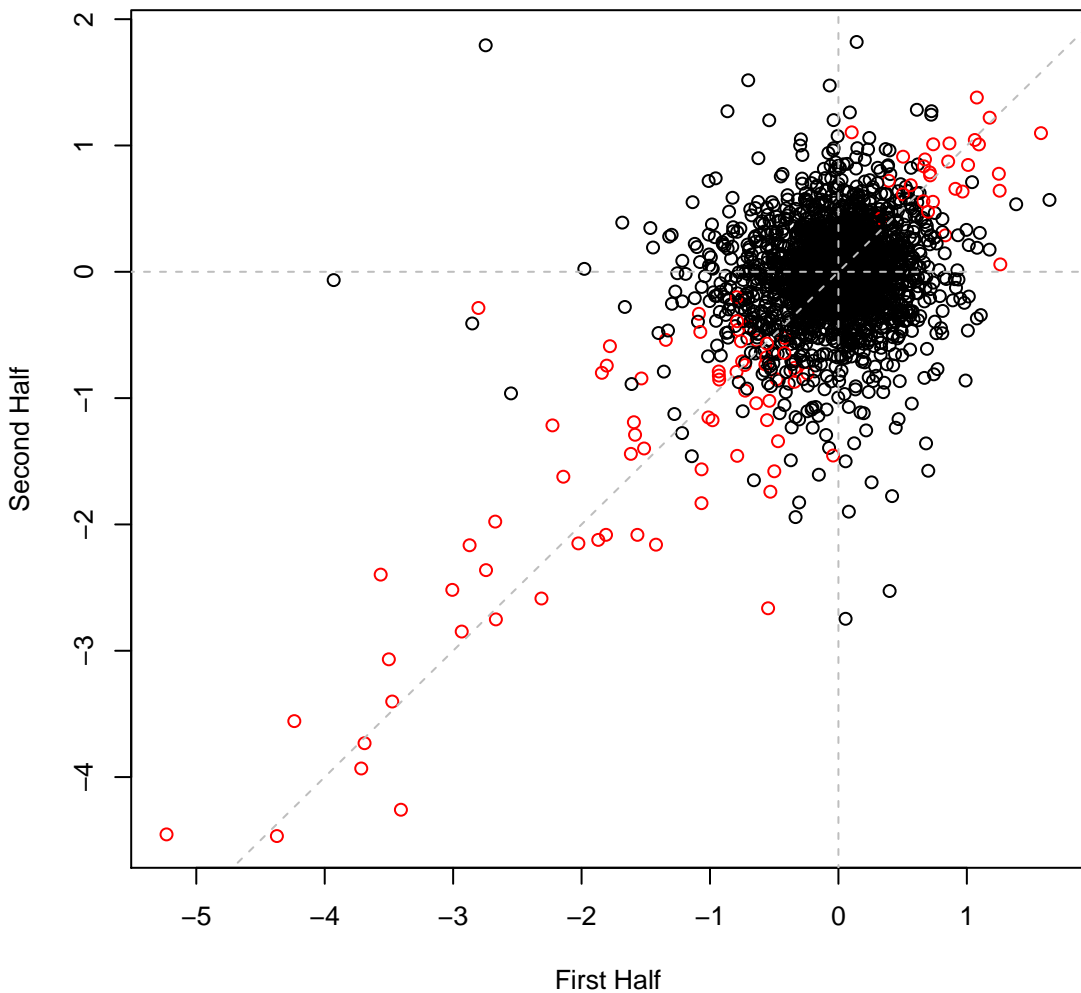
**Phaeo set2H45 #93 (gMed=151 rho12=0.376)**

**m.b. methylglyoxal 0.004 vol%**



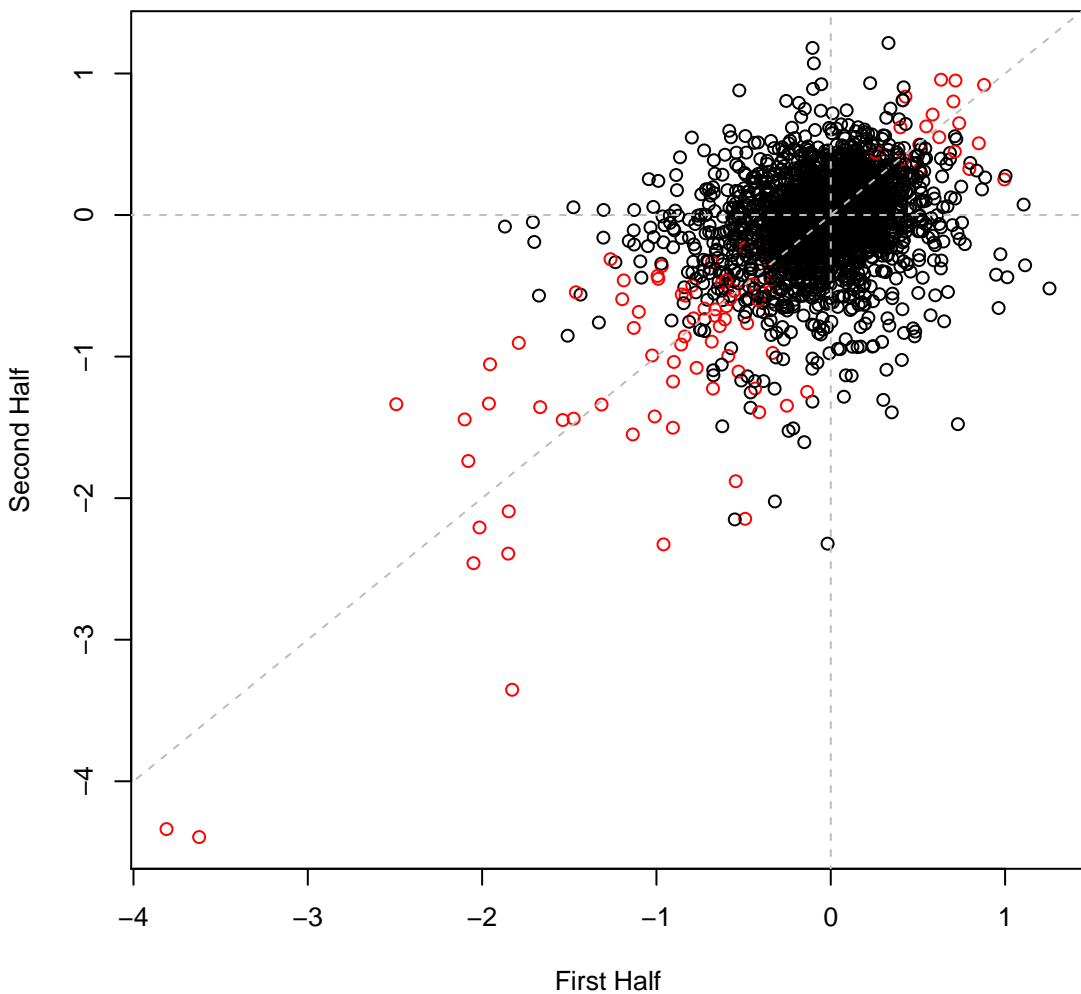
**Phaeo set2H46 #94 (gMed=141 rho12=0.198)**

**m.b. methylglyoxal 0.008 vol%**



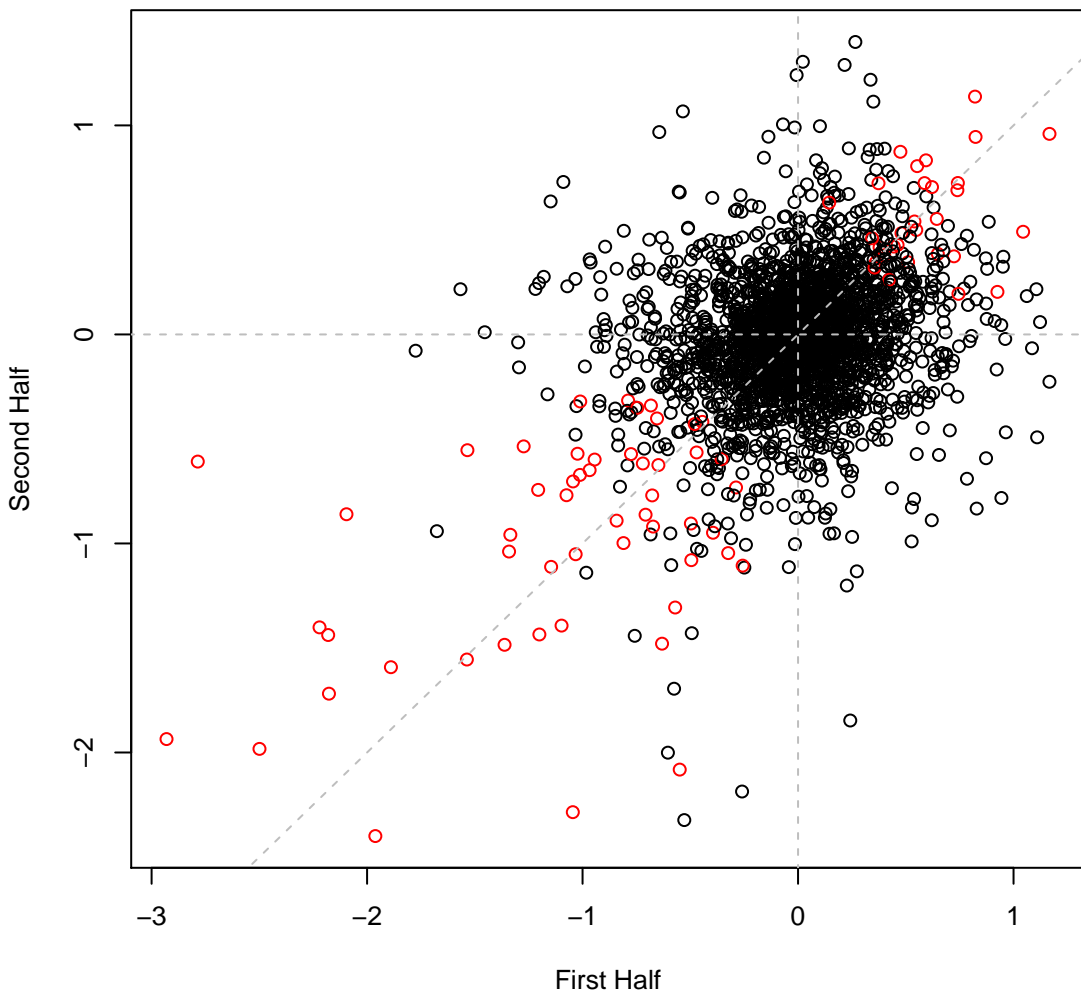
**Phaeo set2H47 #95 (gMed=185 rho12=0.294)**

**m.b. 2-Furfuraldehyde 0.016 vol%**



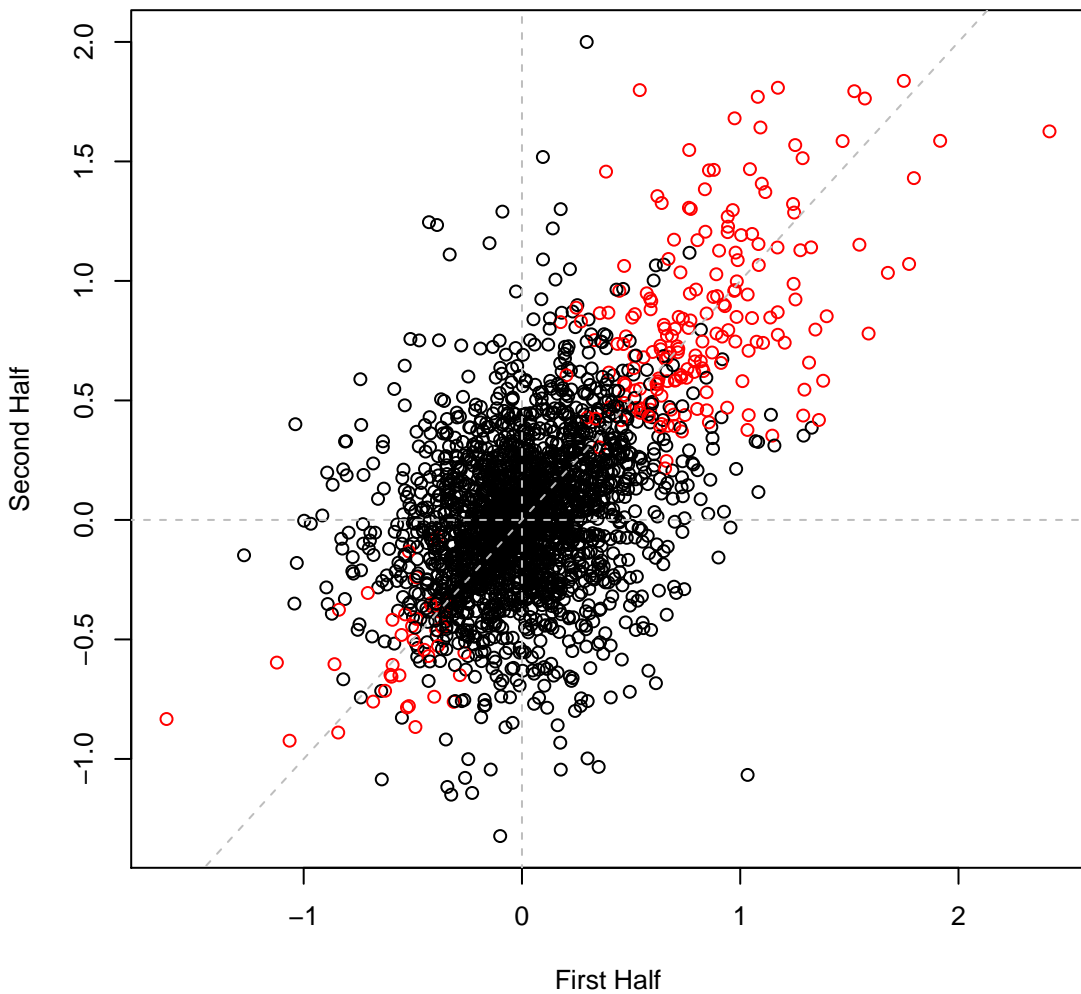
**Phaeo set2H48 #96 (gMed=167 rho12=0.258)**

**m.b. 5-Hydroxymethylfurfural 2.5 mM**



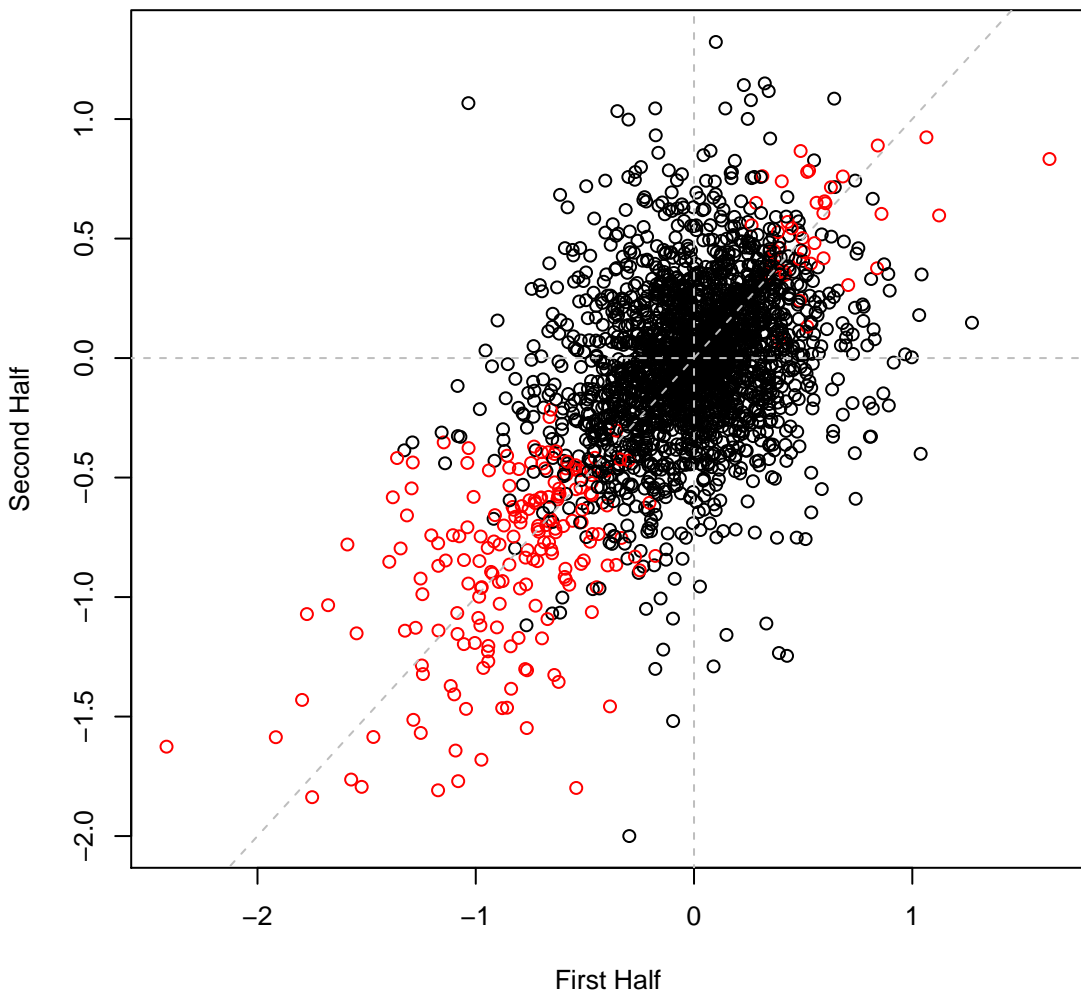
**Phaeo set3H1 #97 (gMed=183 rho12=0.447)**

**Time0**



Phaeo set3H2 #98 (gMed=208 rho12=0.447)

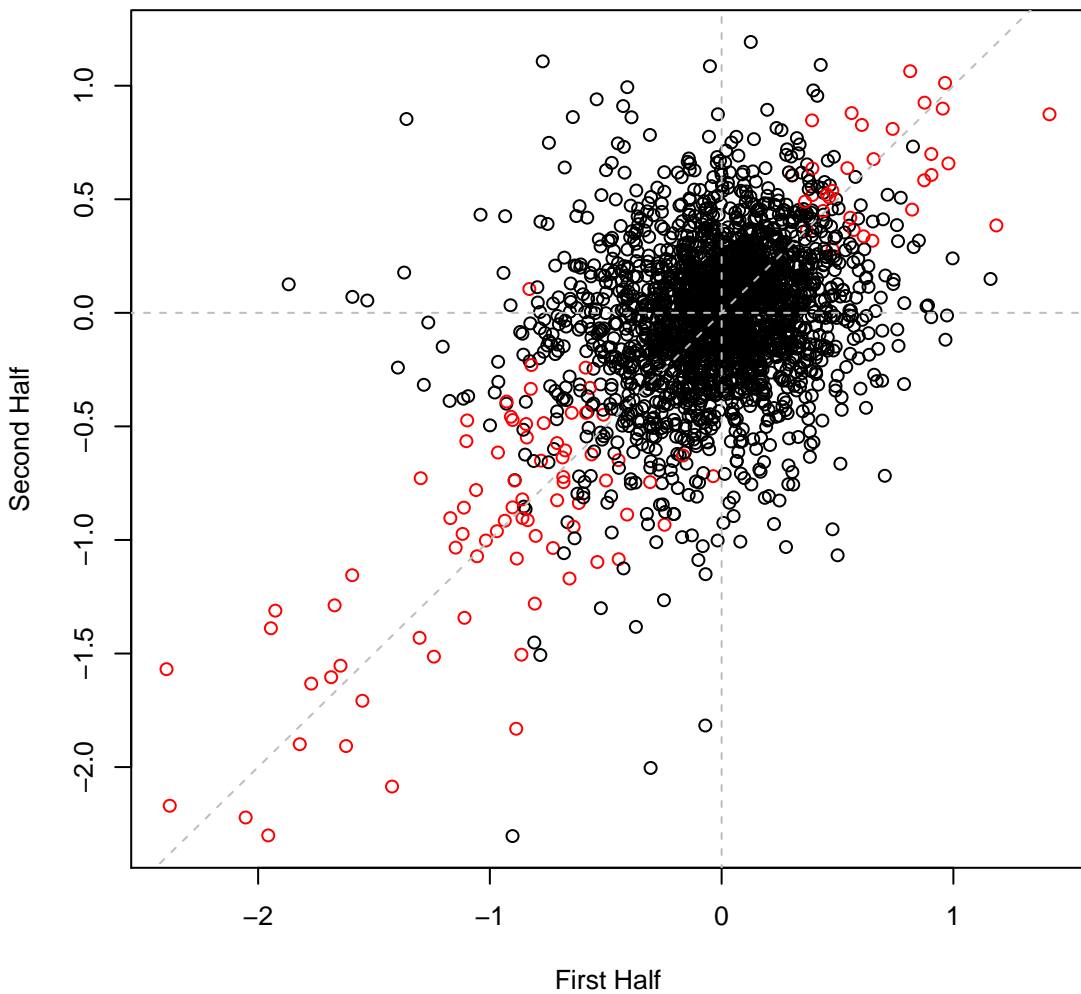
Time0





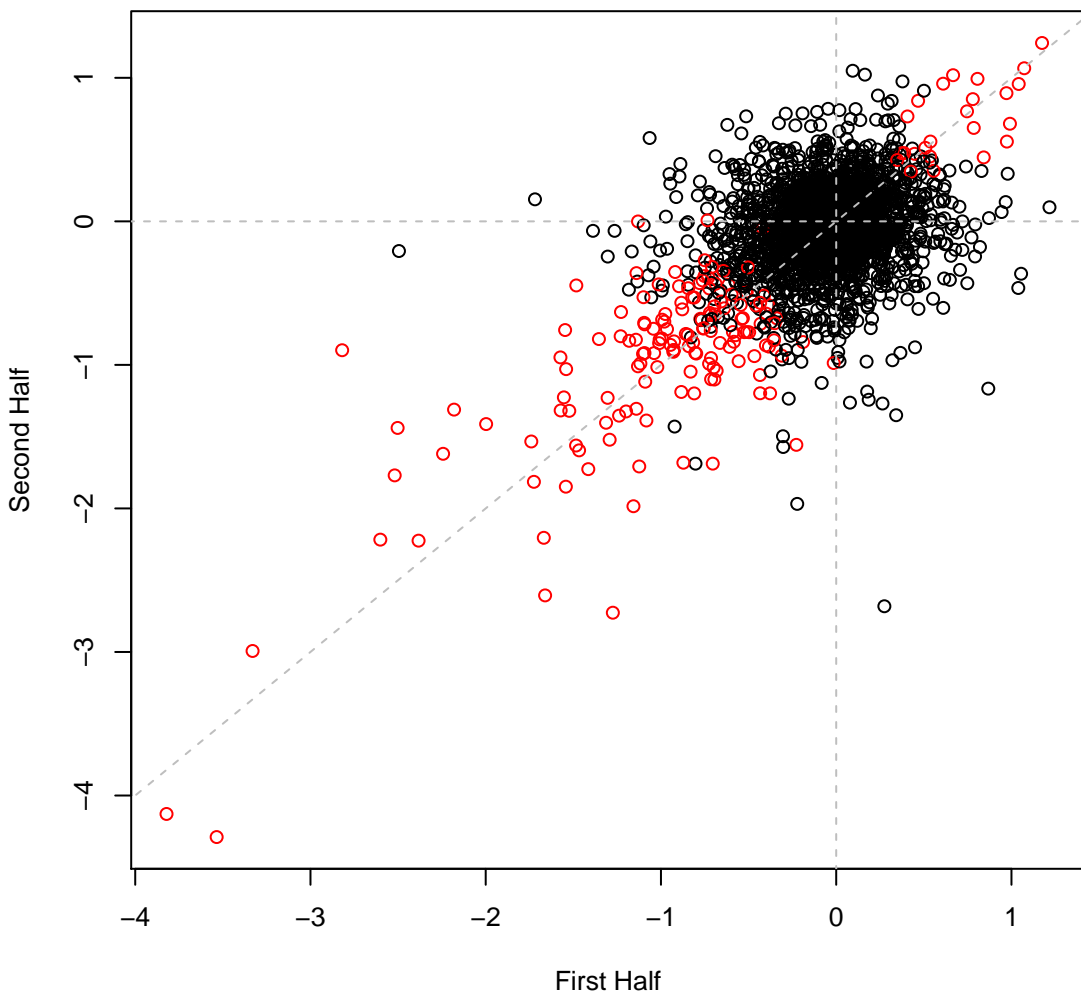
**Phaeo set3H3 #99 (gMed=206 rho12=0.298)**

**m.b. Vanillin 1.25 mM**



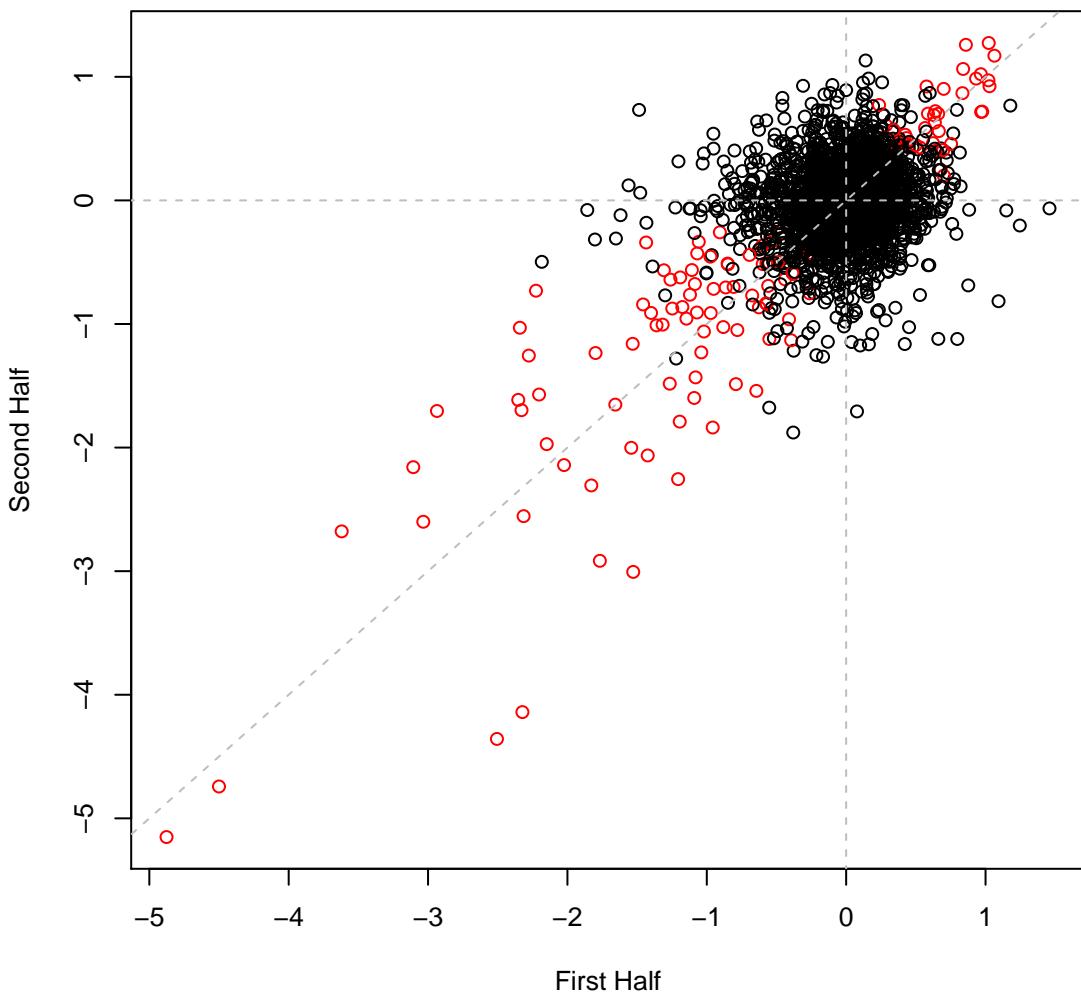
**Phaeo set3H4 #100 (gMed=208 rho12=0.317)**

**m.b. Furfuryl Alcohol 0.032 vol%**

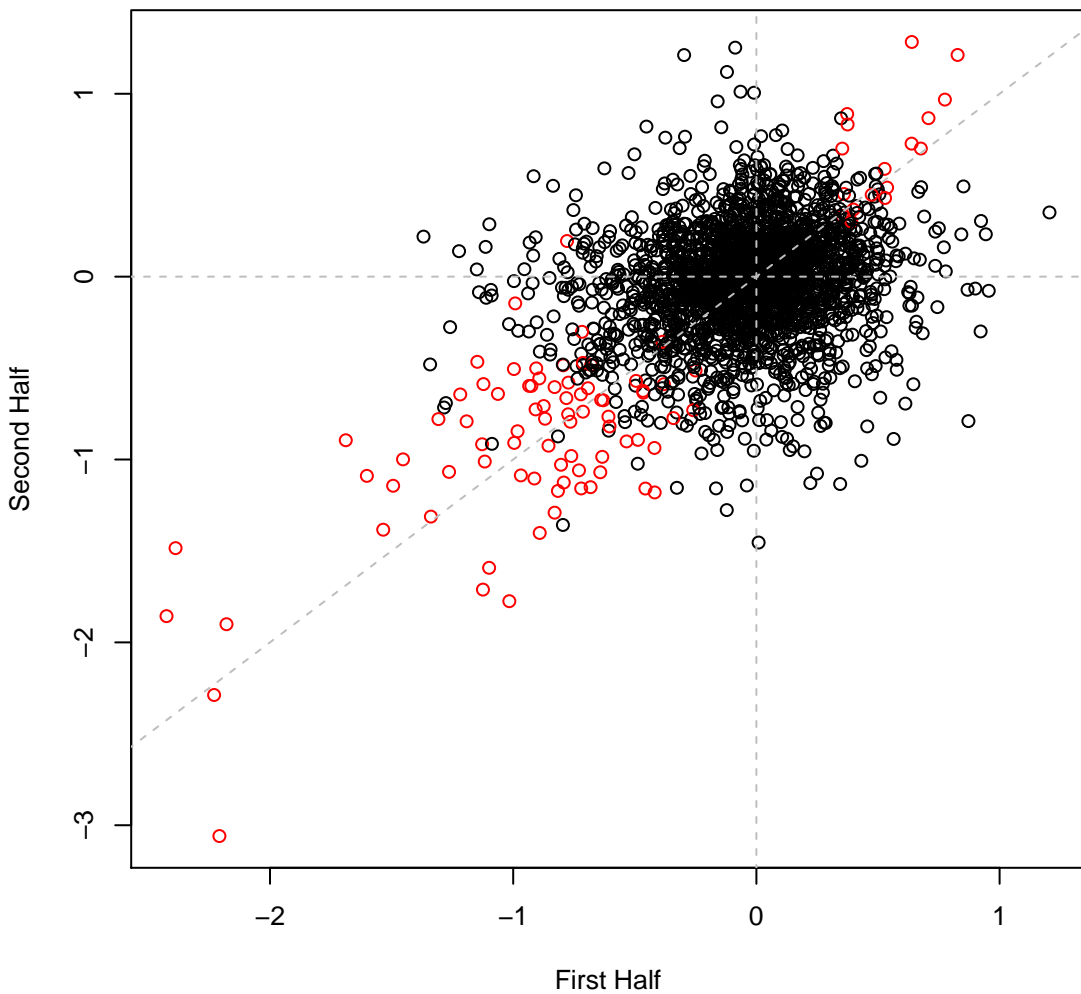


**Phaeo set3H5 #101 (gMed=192 rho12=0.250)**

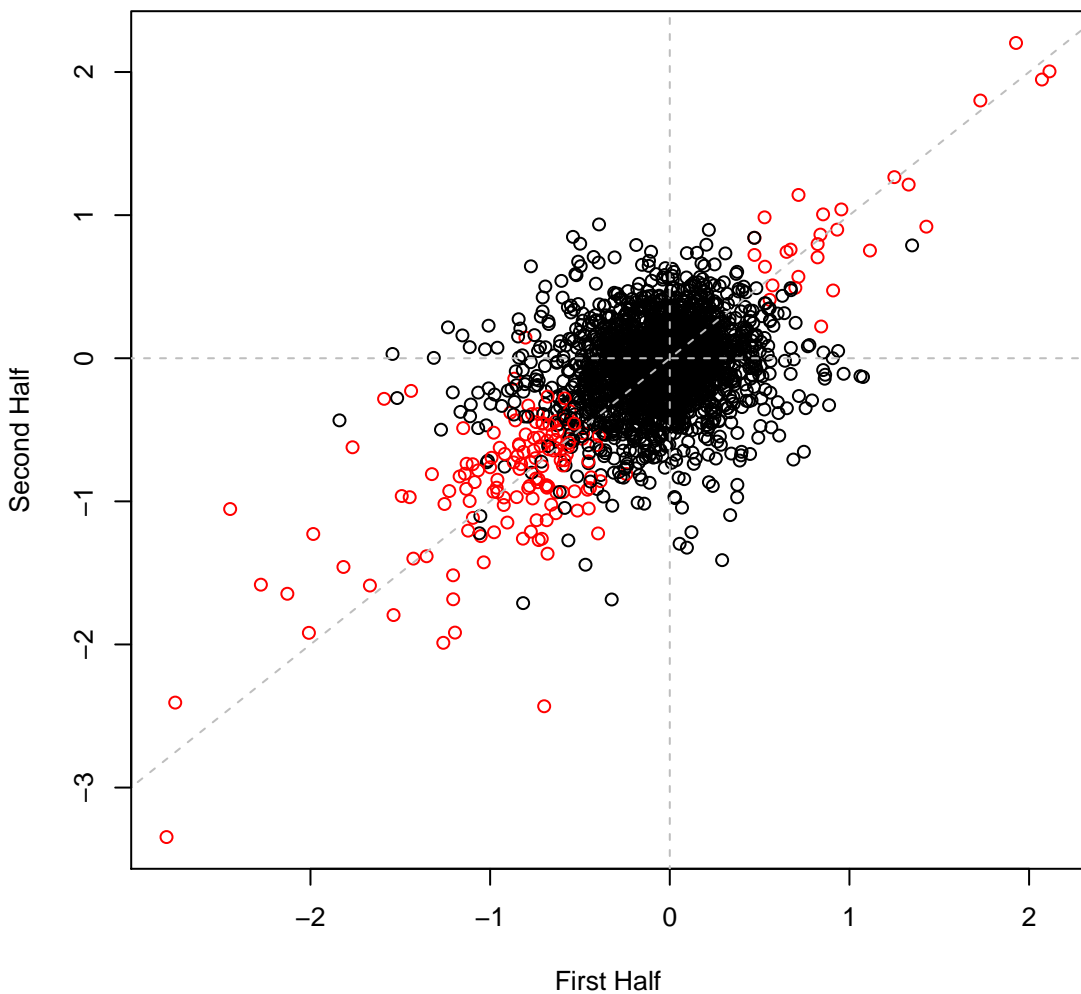
**m.b. Furfuryl Alcohol 0.064 vol%**



**Phaeo set3H6 #102 (gMed=200 rho12=0.258)**  
**m.b. syringaldehyde 1.25 mM**

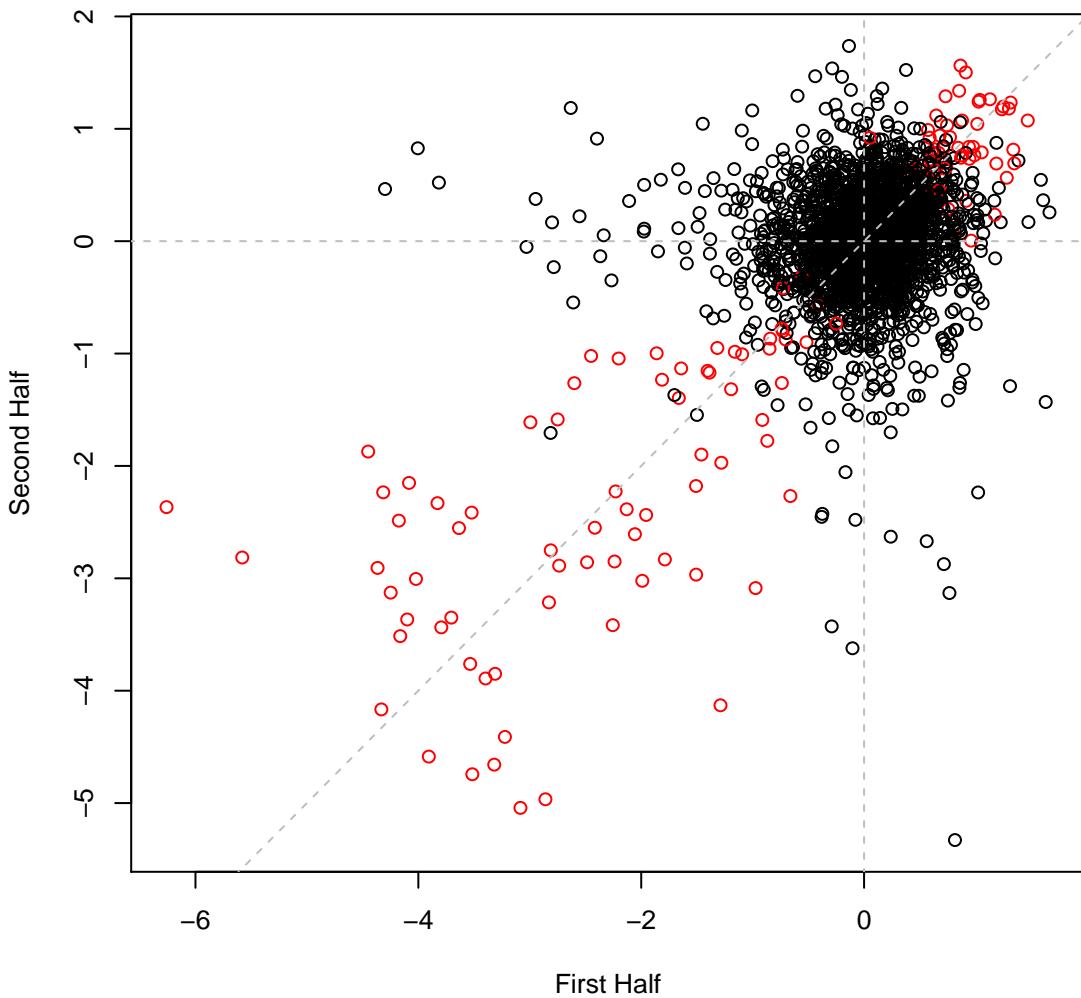


**Phaeo set3H7 #103 (gMed=276 rho12=0.317)**  
**marine broth**

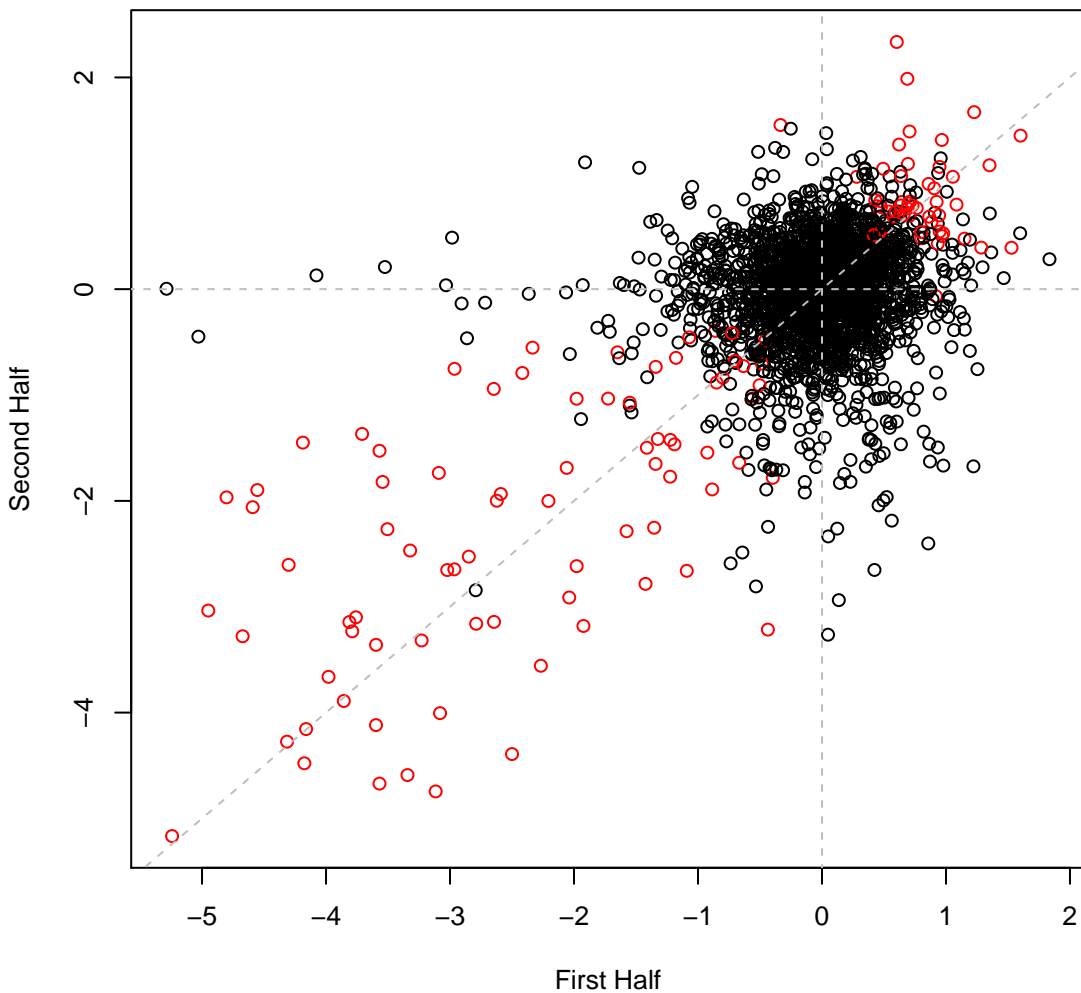


**Phaeo set3H8 #104 (gMed=176 rho12=0.241)**

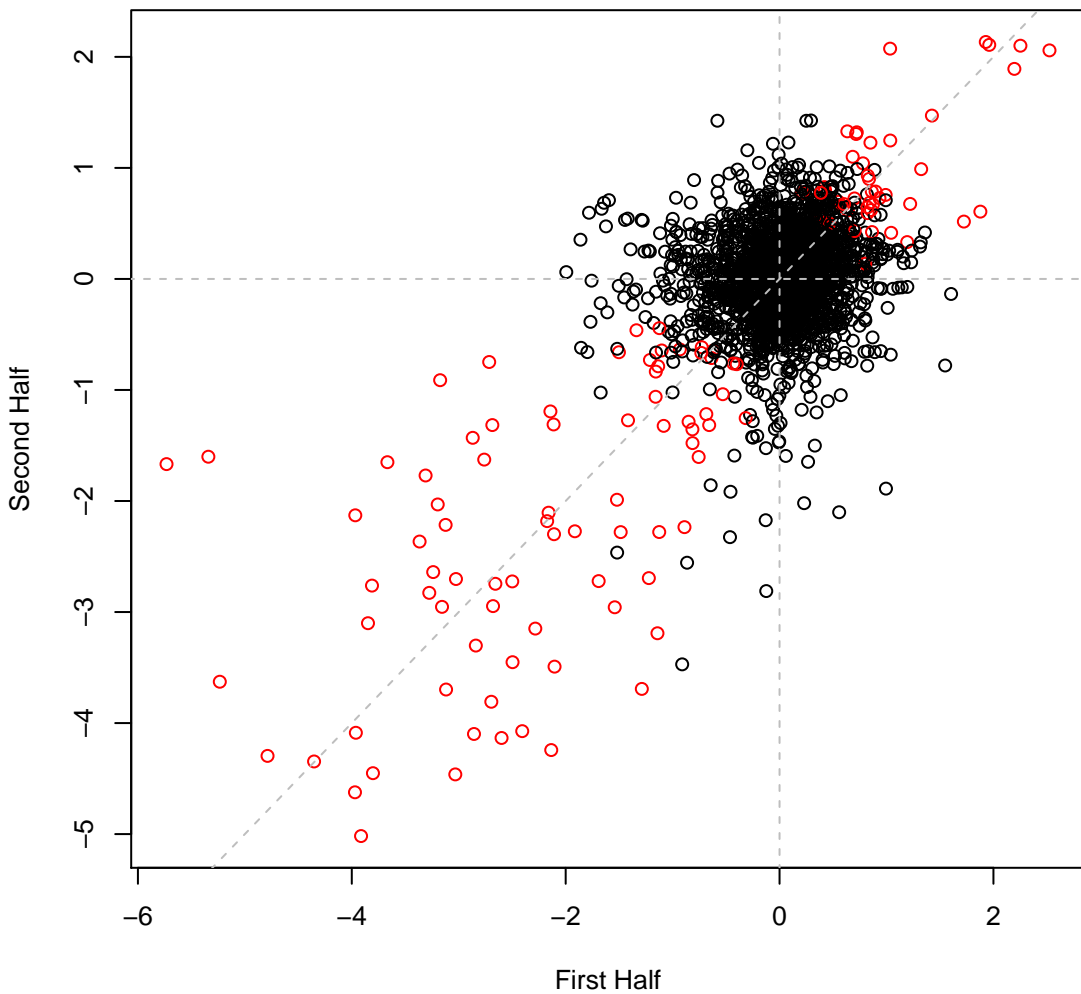
**D-Glucose (C)**



**Phaeo set3H9 #105 (gMed=130 rho12=0.212)**  
**D-Fructose (C)**

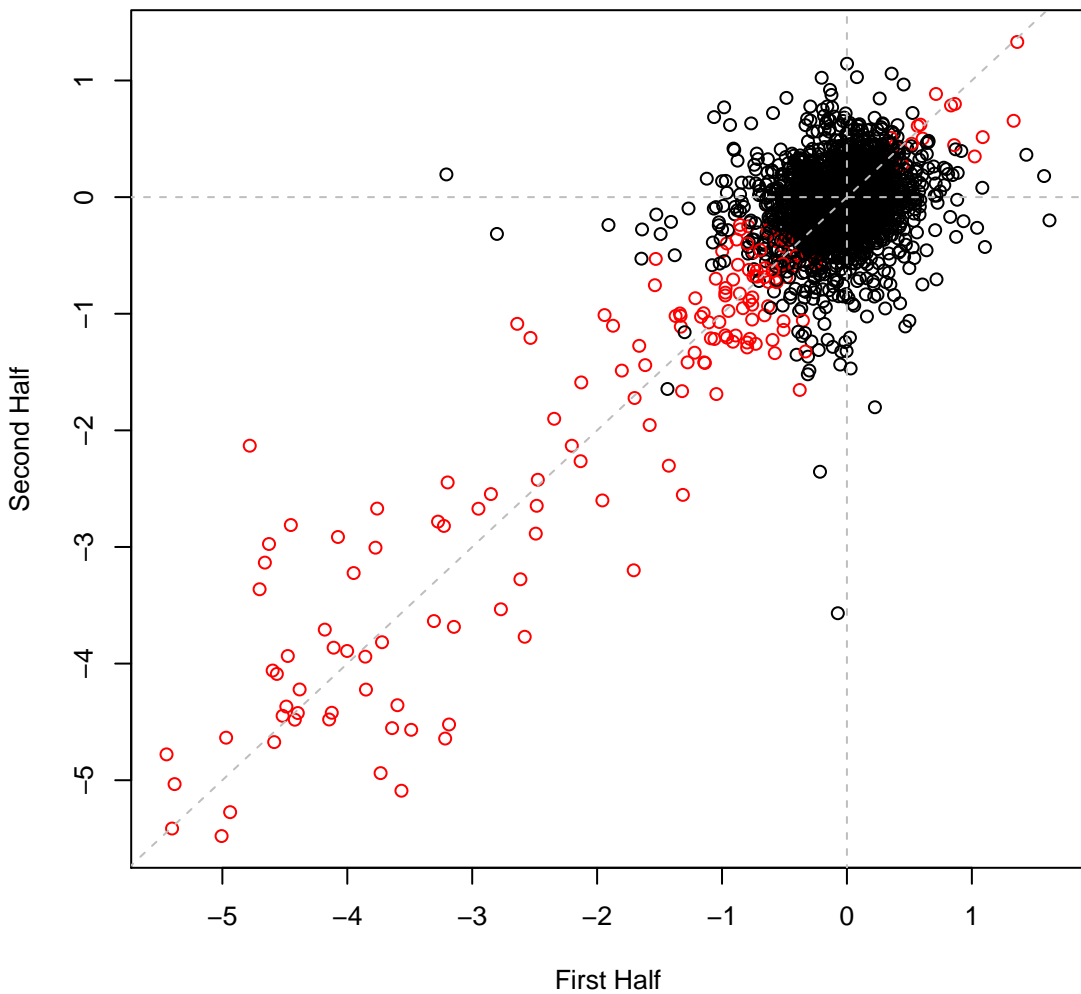


**Phaeo set3H10 #106 (gMed=210 rho12=0.270)**  
**Sucrose (C)**

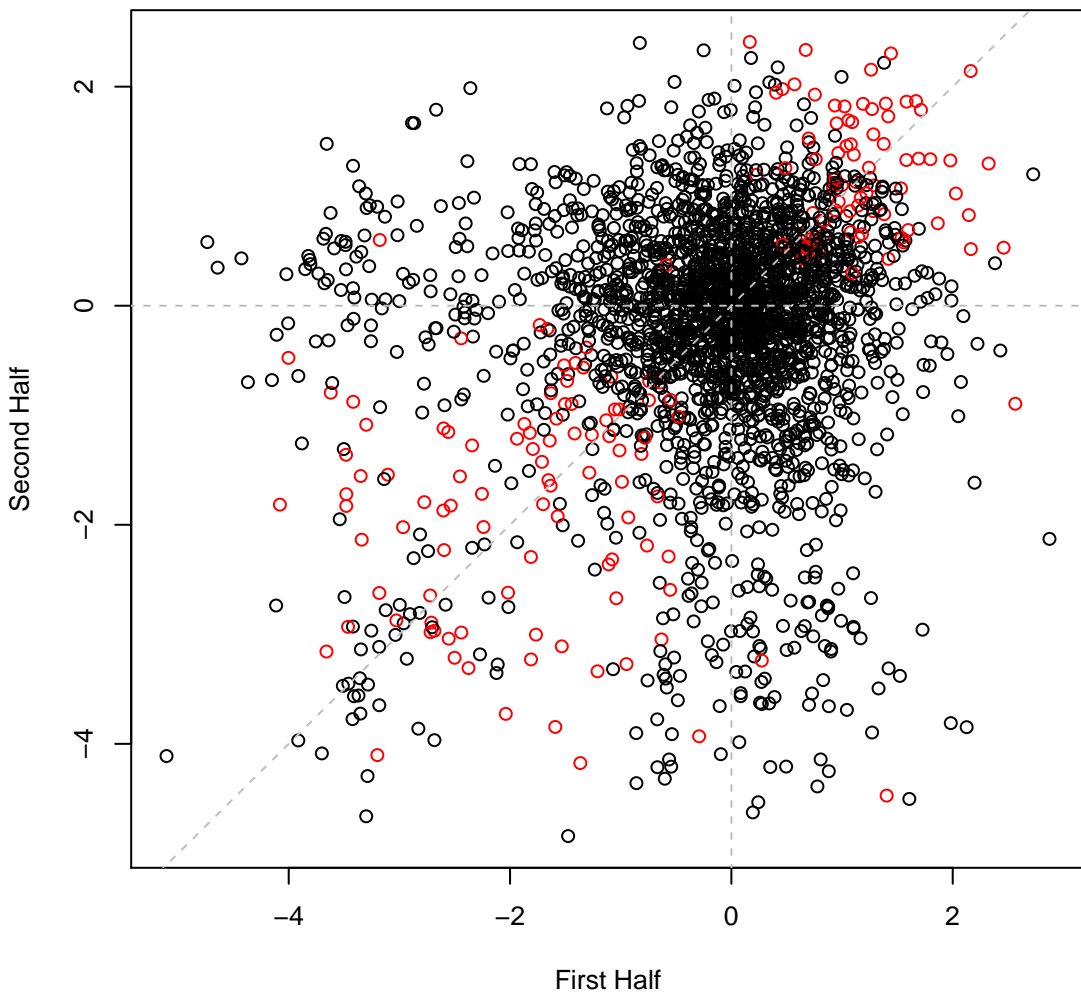




**Phaeo set3H11 #107 (gMed=182 rho12=0.359)**  
 **$\alpha$ -Ketoglutaric (C)**

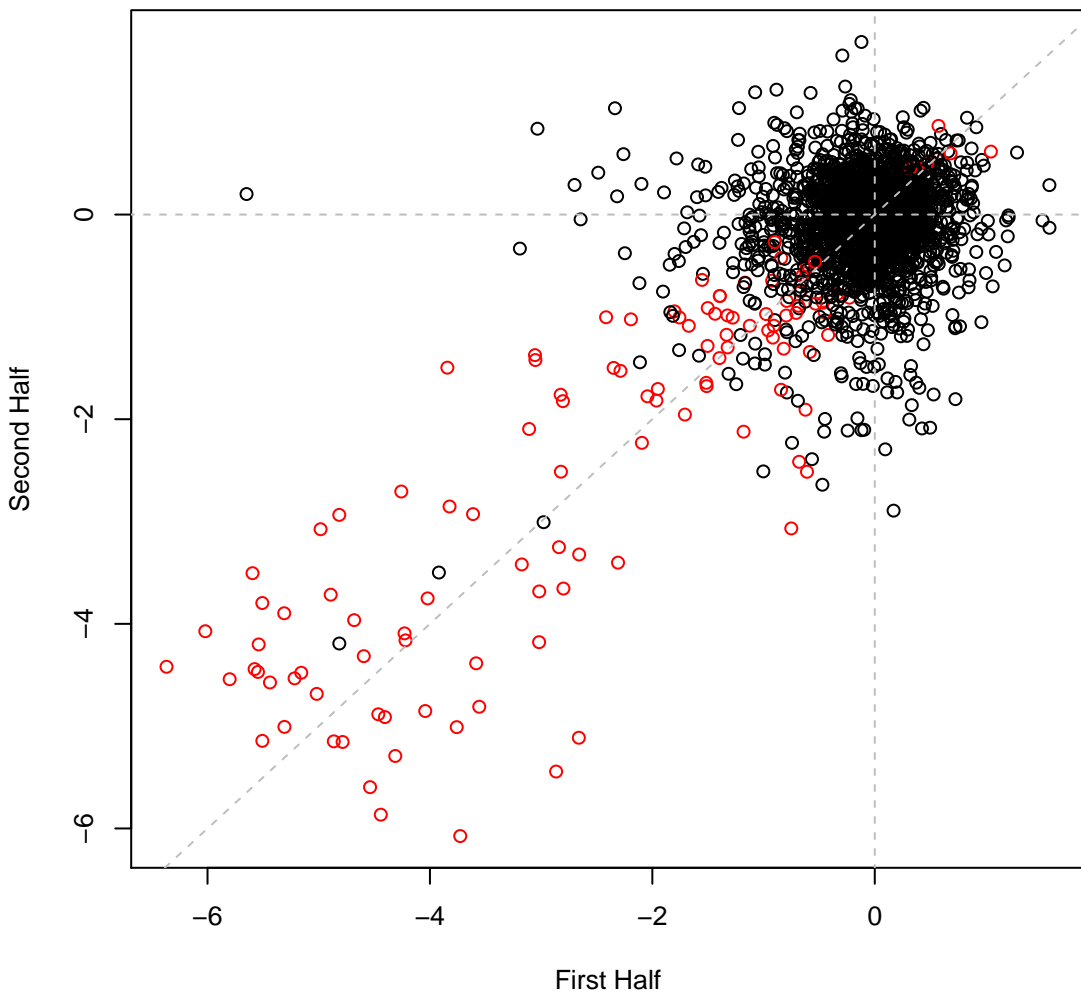


**Phaeo set3H12 #108 (gMed=63 rho12=0.135)**  
**acetate (C)**



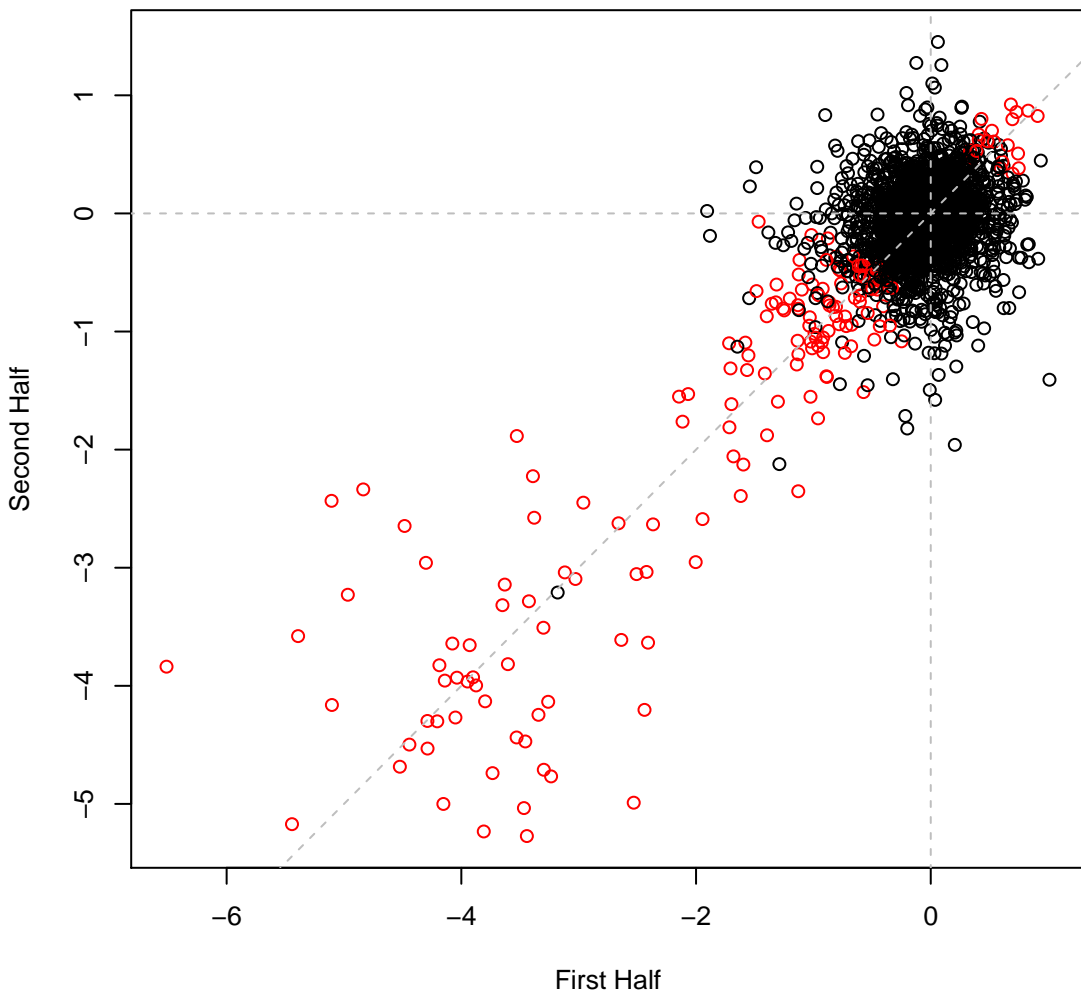
**Phaeo set3H13 #109 (gMed=157 rho12=0.206)**

**Fumarate (C)**

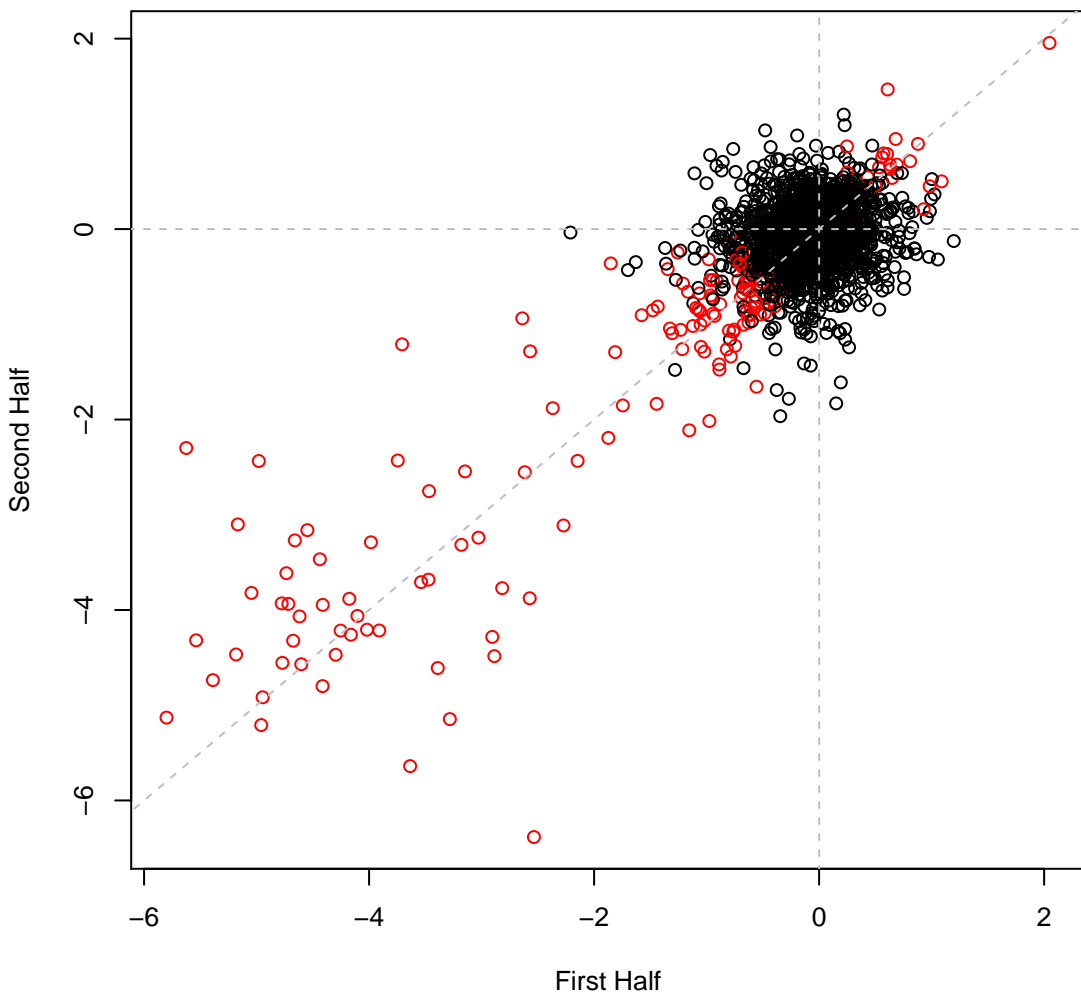


**Phaeo set3H15 #111 (gMed=164 rho12=0.323)**

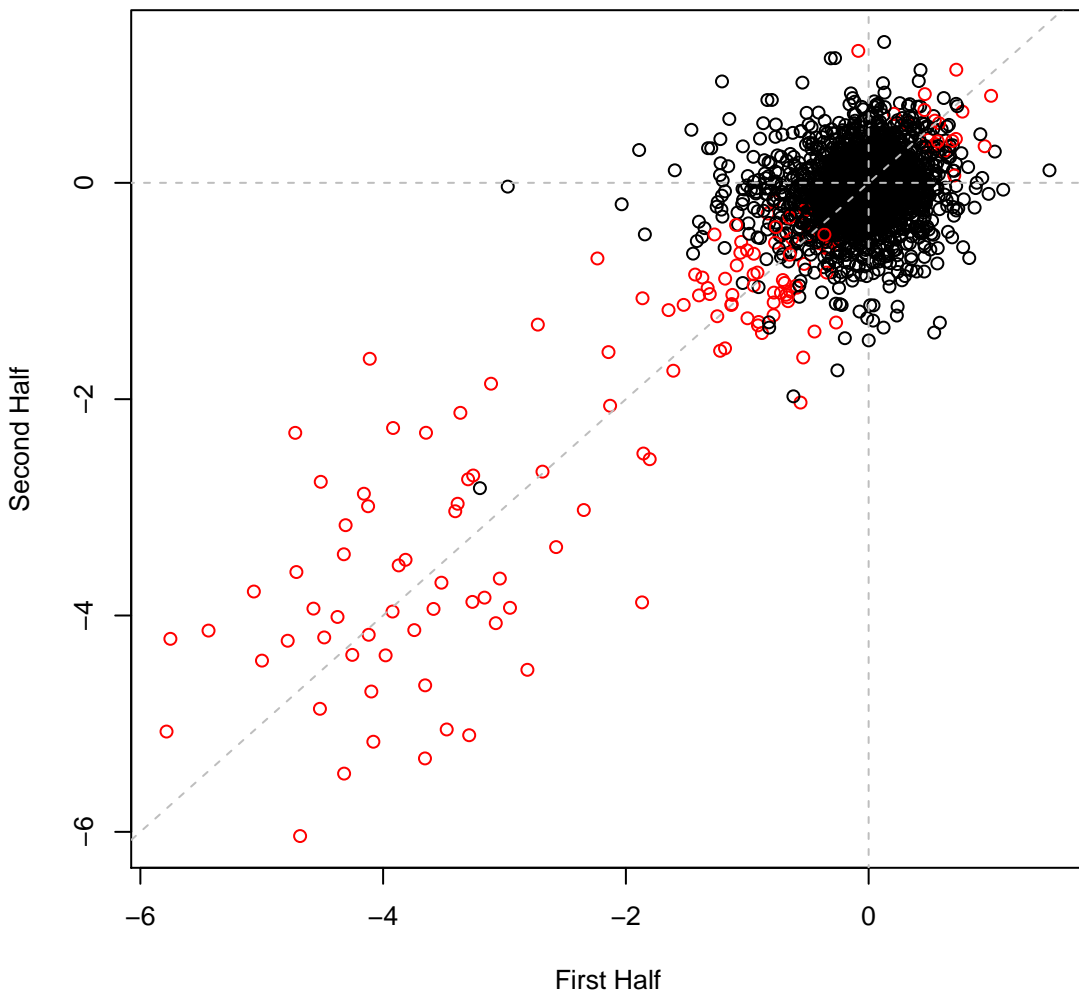
**D-Lactate (C)**



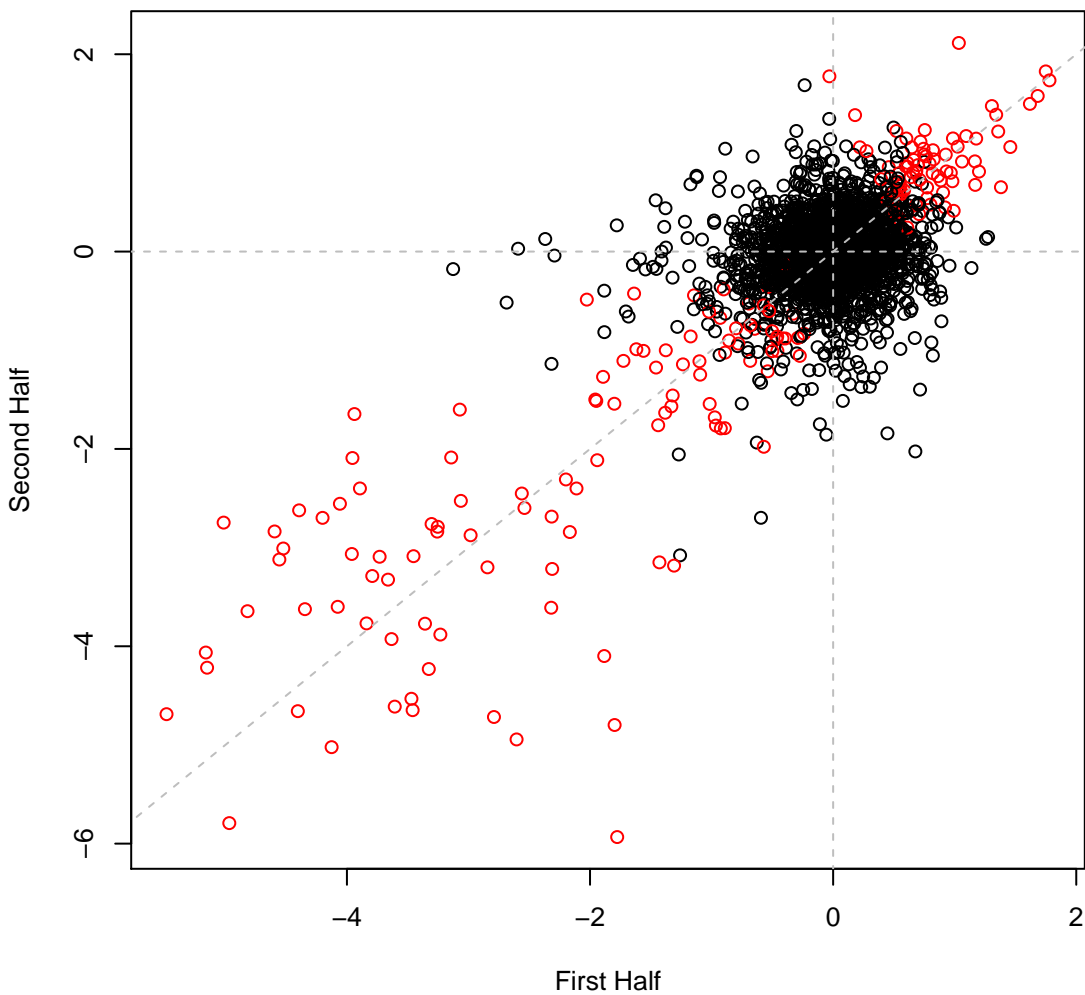
**Phaeo set3H16 #112 (gMed=250 rho12=0.302)**  
**L-Lactate (C)**



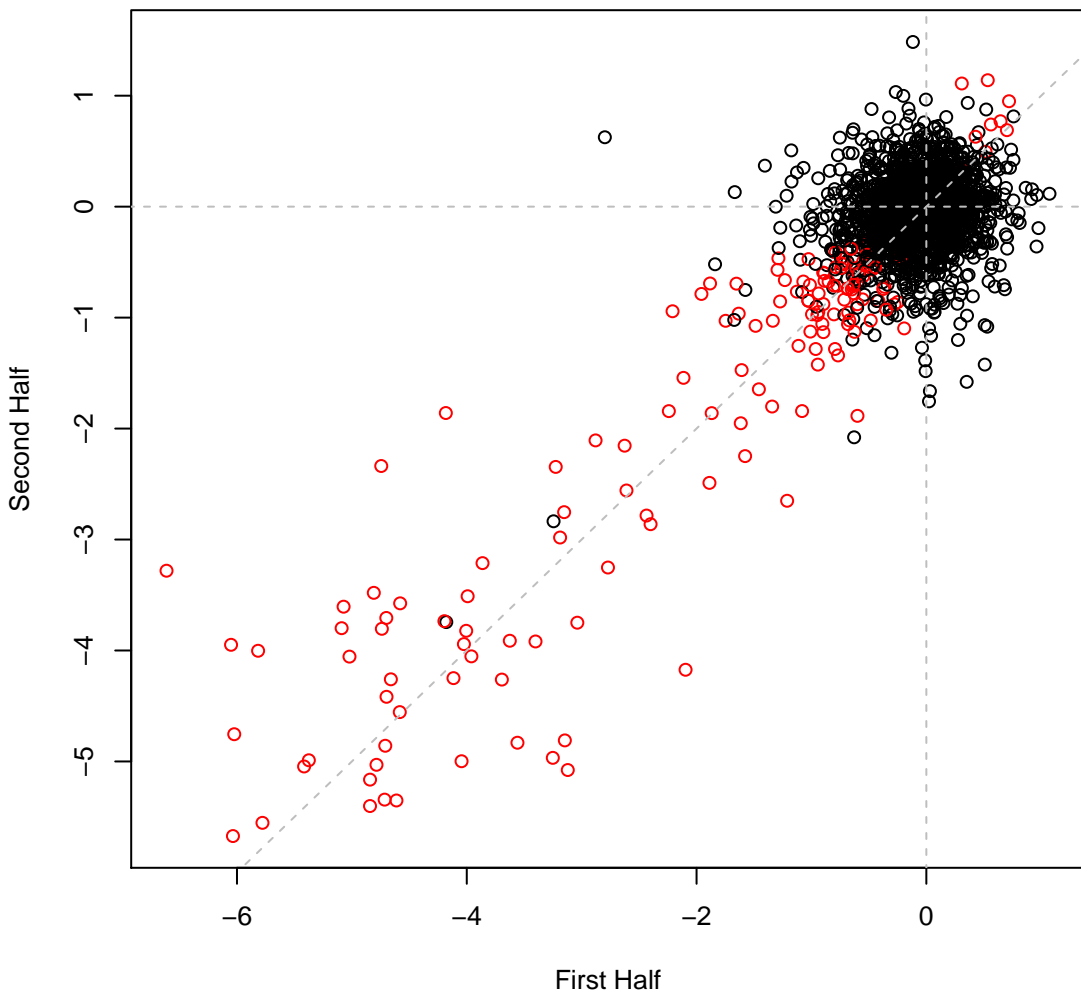
**Phaeo set3H17 #113 (gMed=177 rho12=0.283)**  
**D,L-Lactate (C)**



**Phaeo set3H18 #114 (gMed=173 rho12=0.308)**  
**pyruvate (C)**

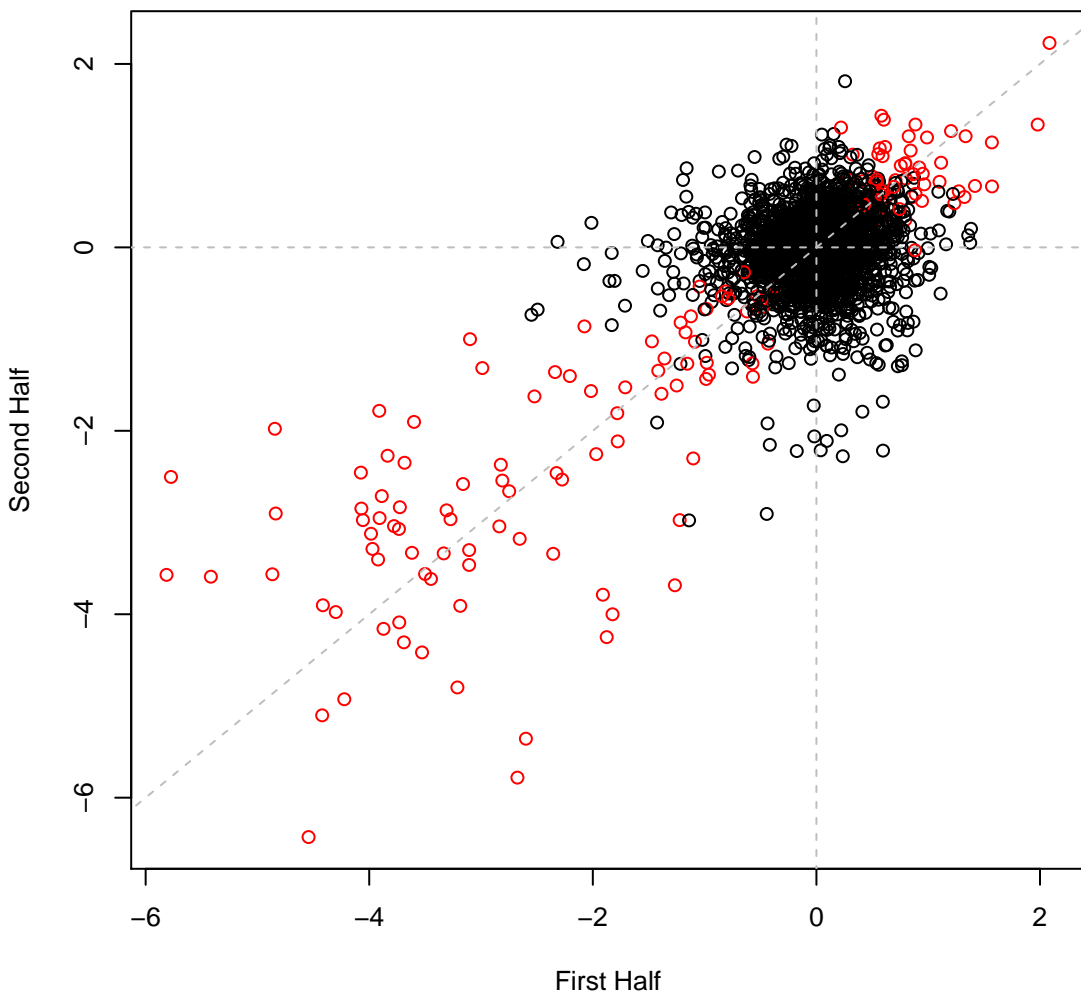


**Phaeo set3H19 #115 (gMed=187 rho12=0.304)**  
**succinate (C)**

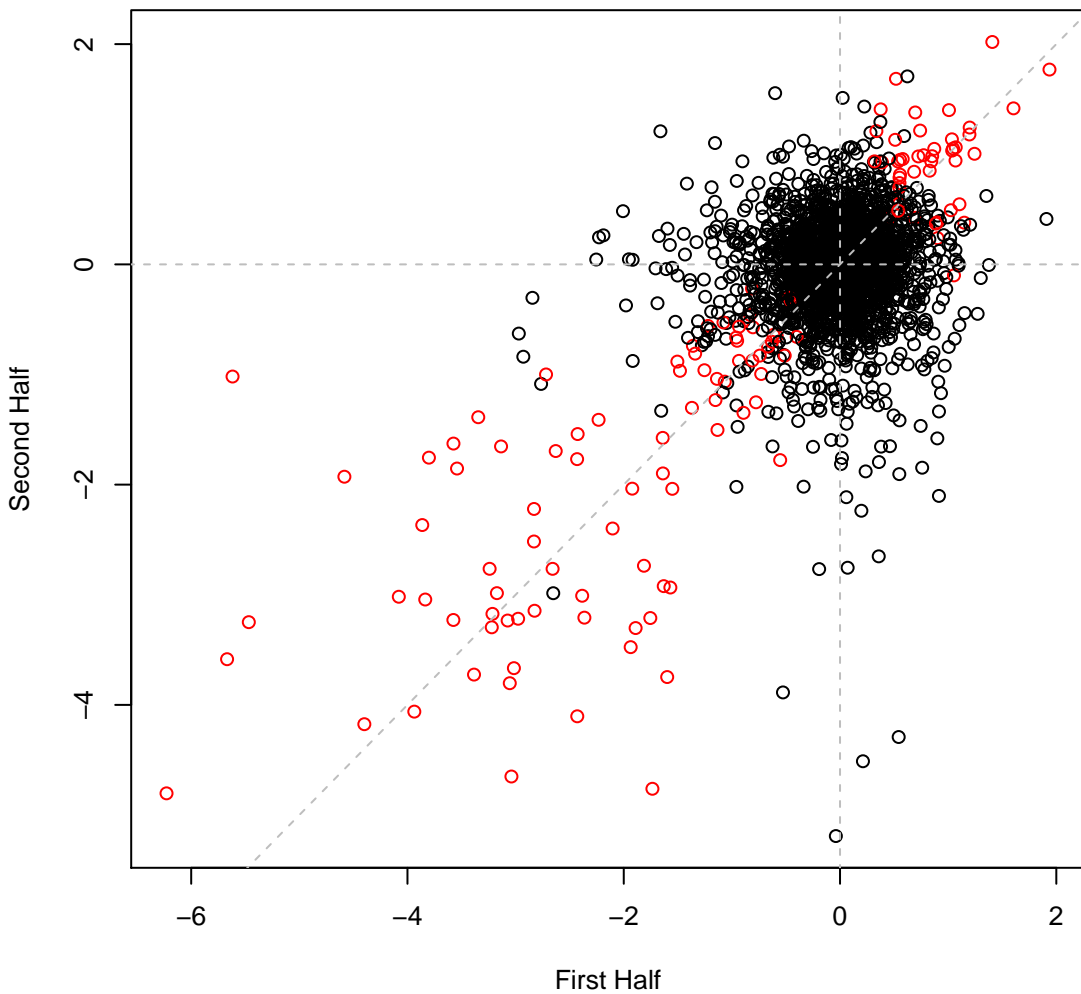




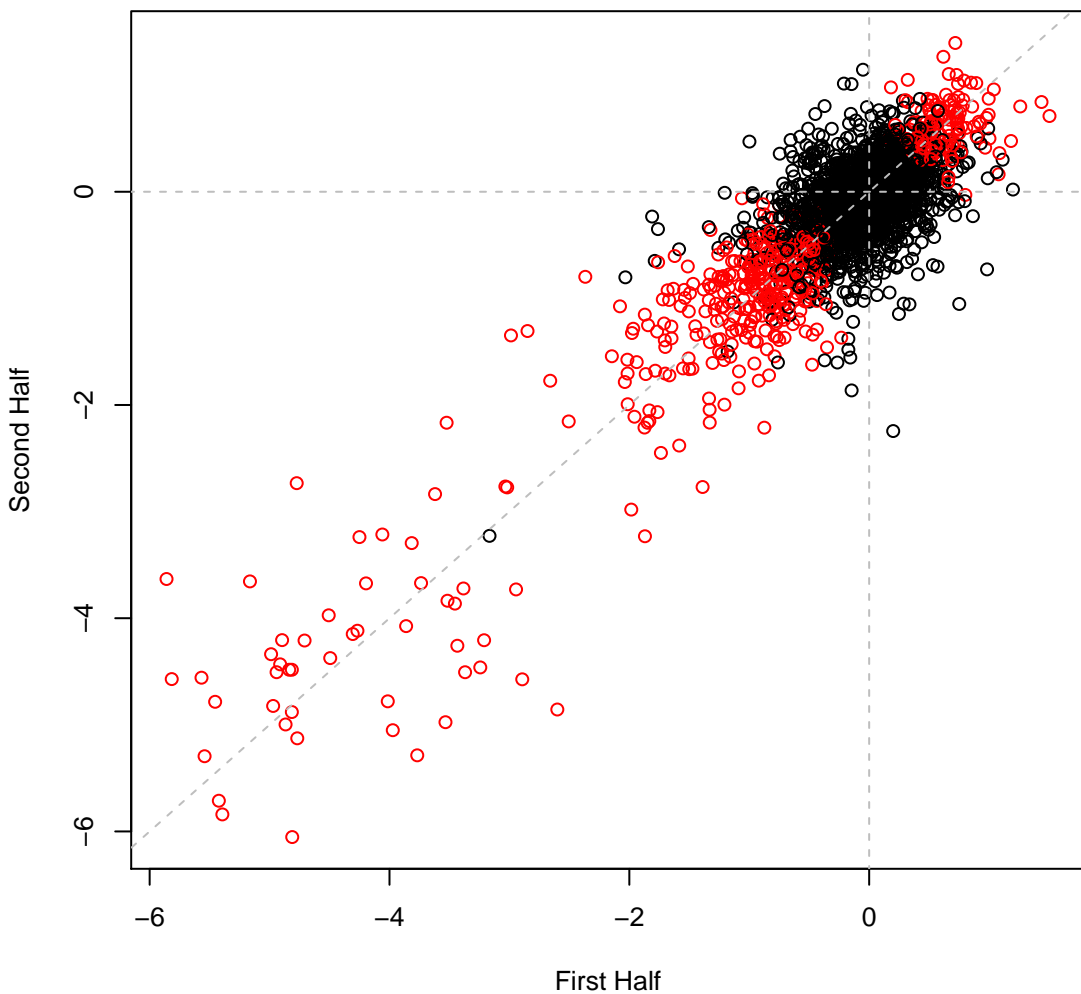
**Phaeo set3H20 #116 (gMed=172 rho12=0.271)**  
**m-Inositol (C)**



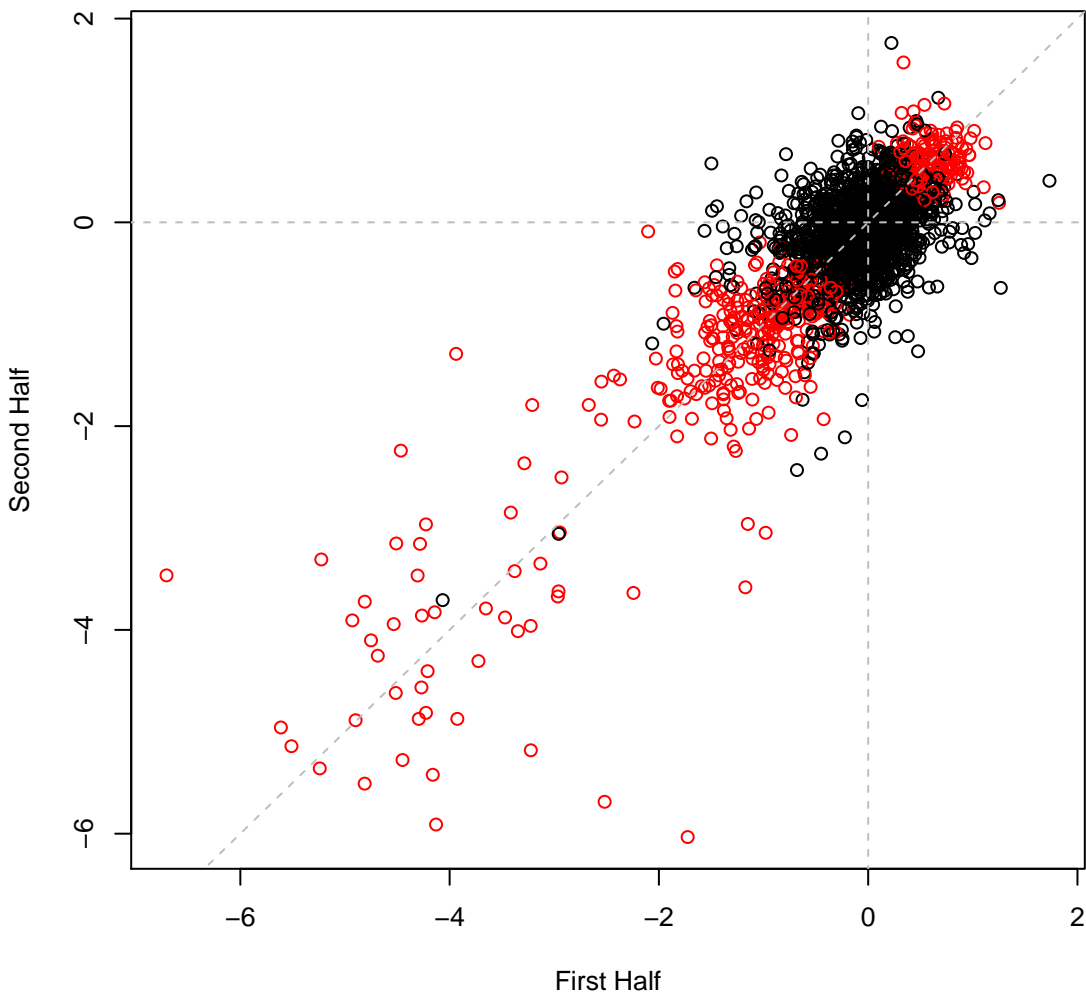
**Phaeo set3H21 #117 (gMed=163 rho12=0.212)**  
**Glycerol (C)**



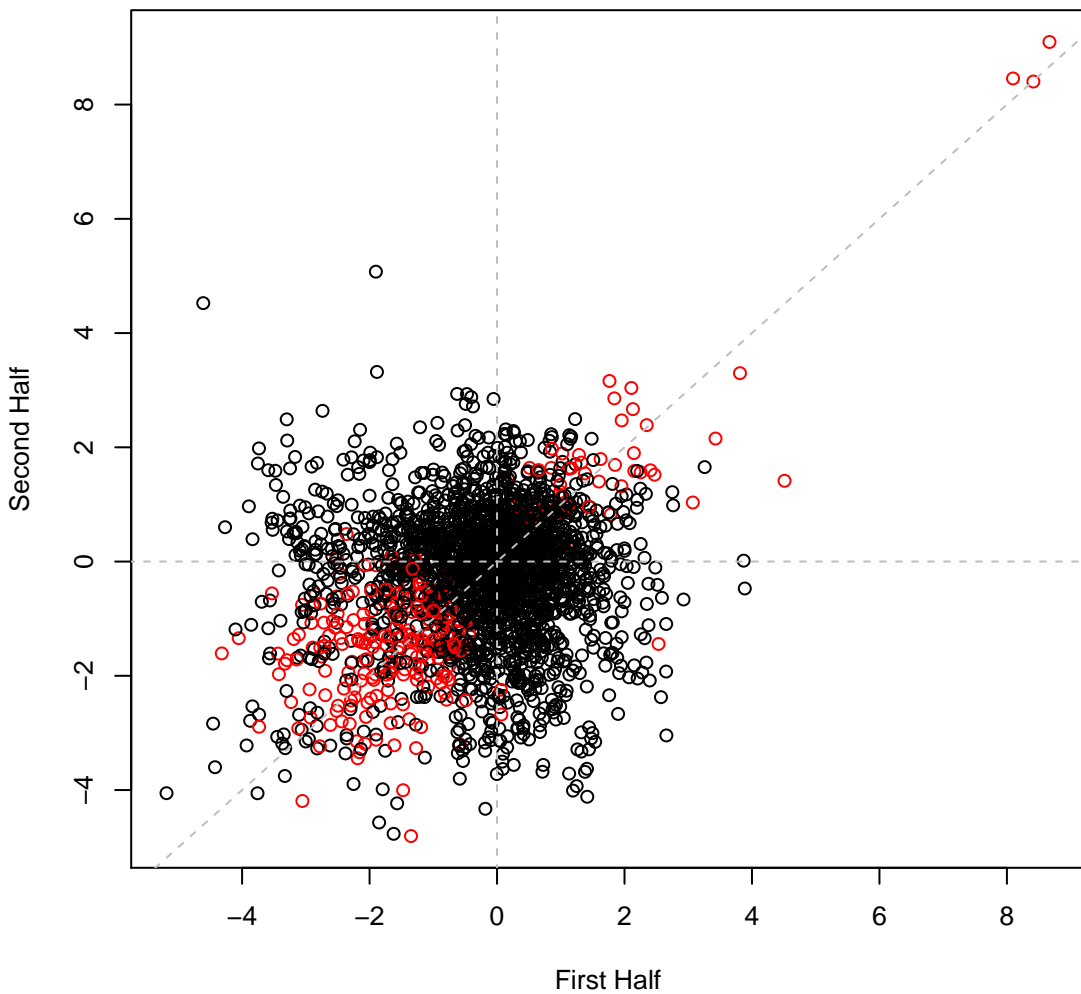
**Phaeo set3H22 #118 (gMed=197 rho12=0.686)**  
**L-Malic (C)**



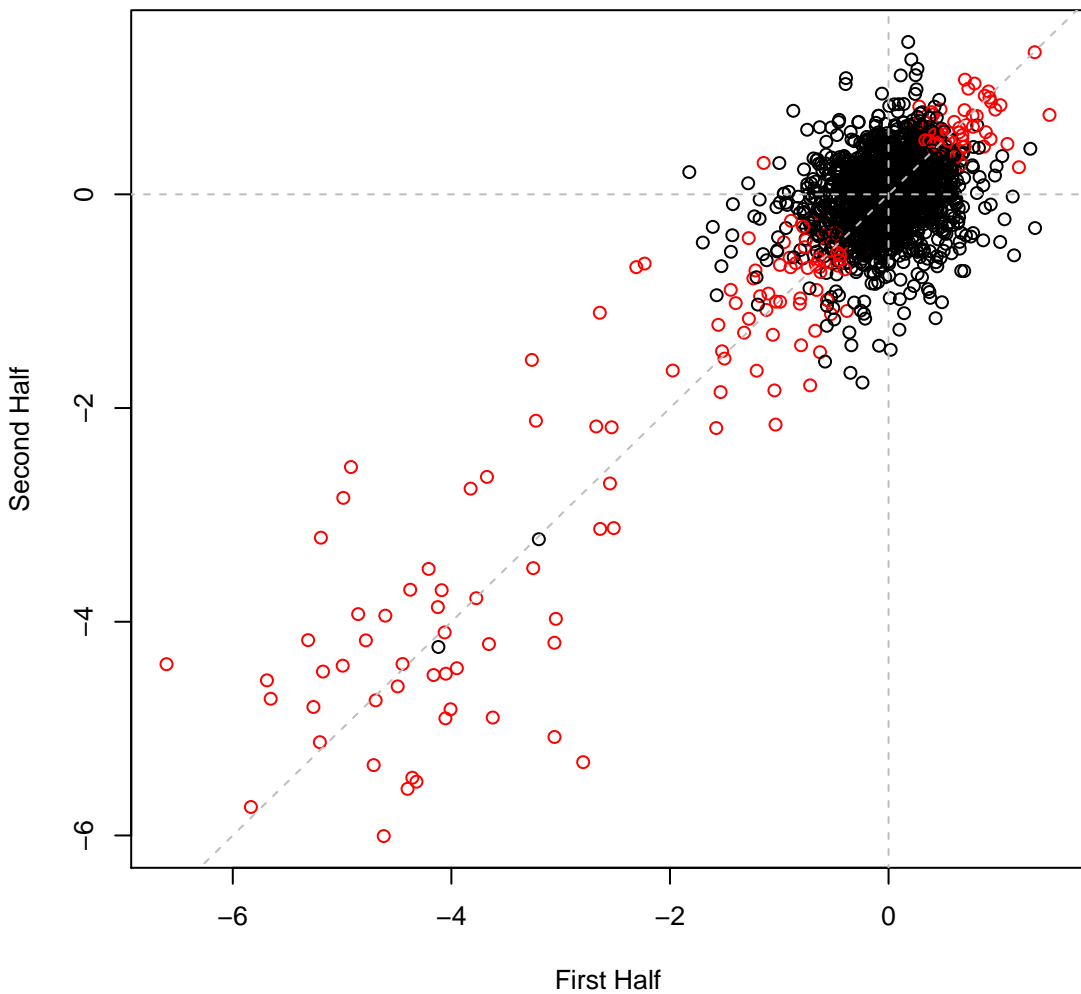
**Phaeo set3H23 #119 (gMed=160 rho12=0.667)**  
**L-Glutamic (C)**



**Phaeo set3H24 #120 (gMed=106 rho12=0.141)**  
**L-Threonine (C)**

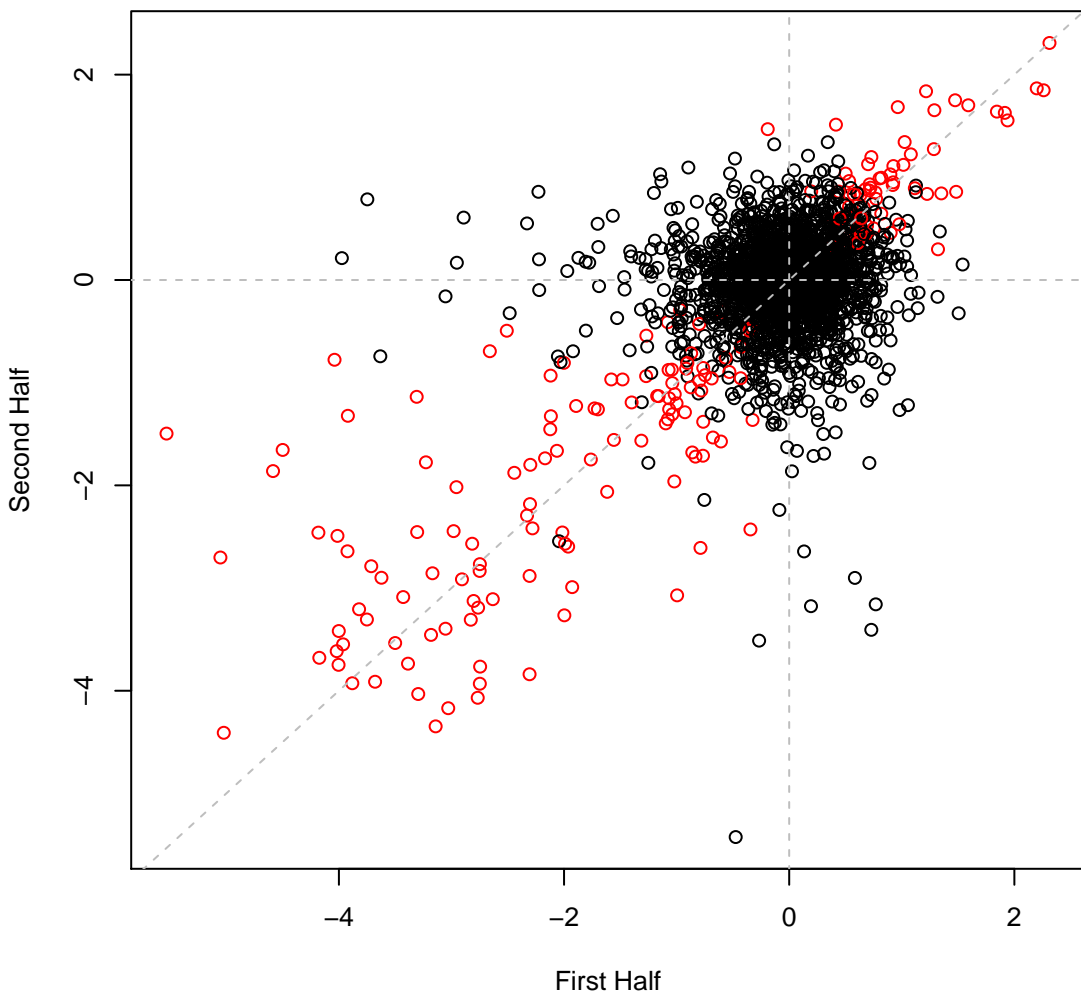


**Phaeo set3H25 #121 (gMed=180 rho12=0.394)**  
**L-Glutamine (C)**

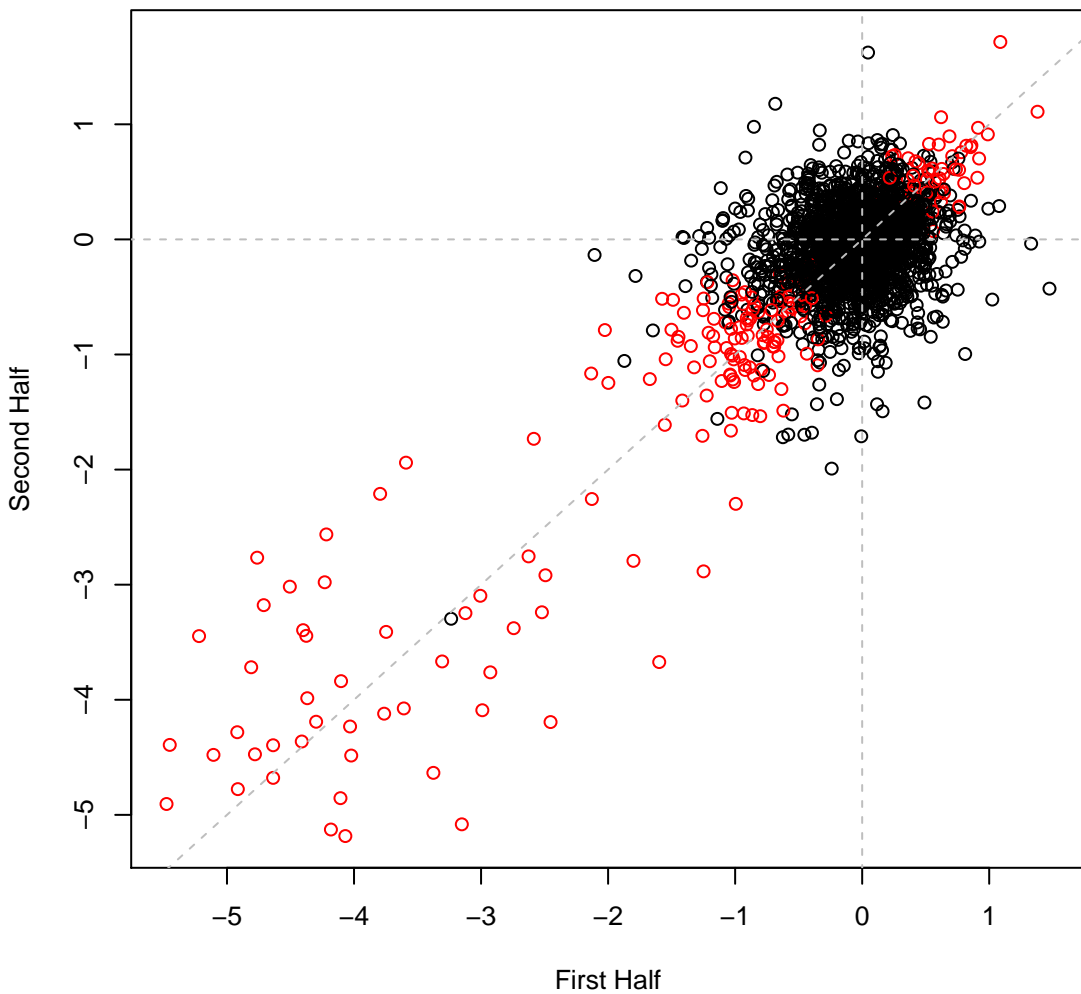


**Phaeo set3H26 #122 (gMed=183 rho12=0.283)**

**Glycine (C)**

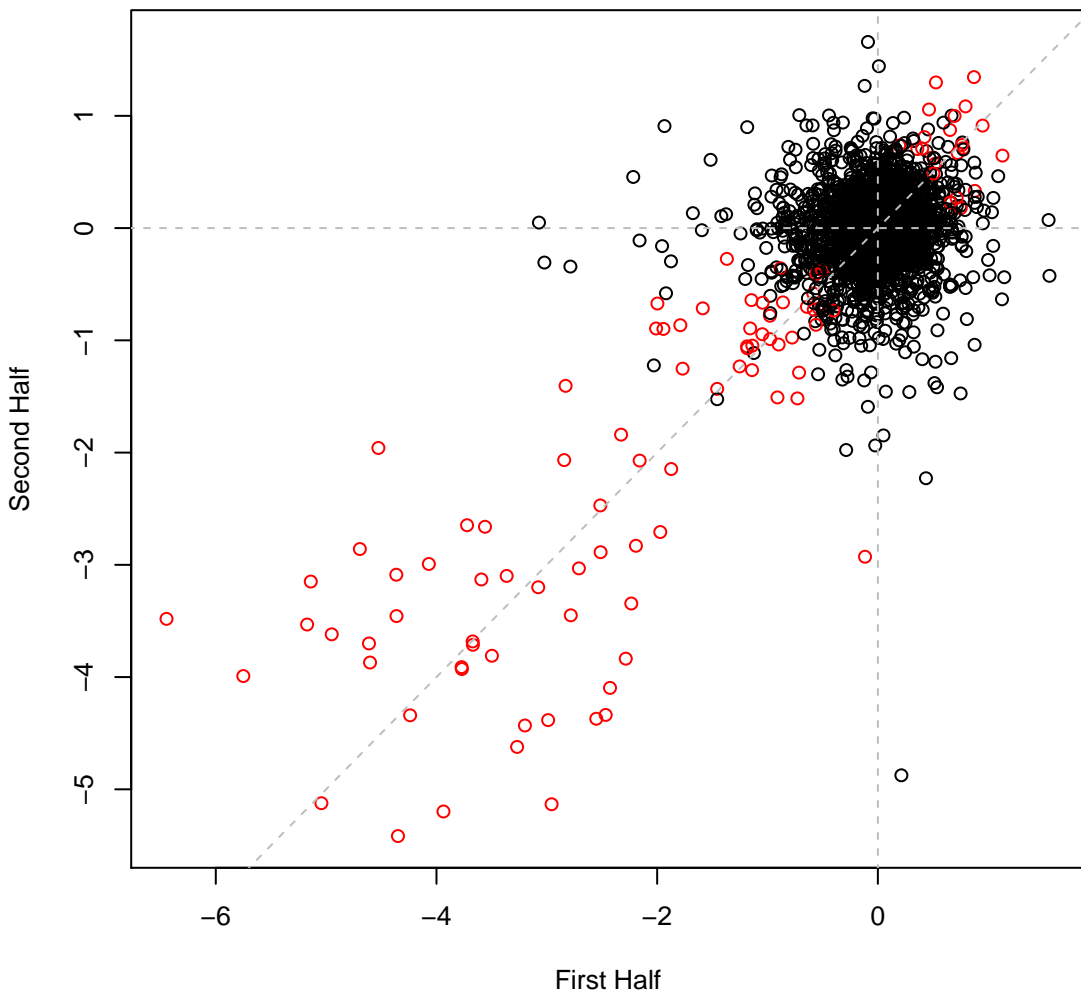


**Phaeo set3H27 #123 (gMed=182 rho12=0.406)**  
**L-Proline (C)**

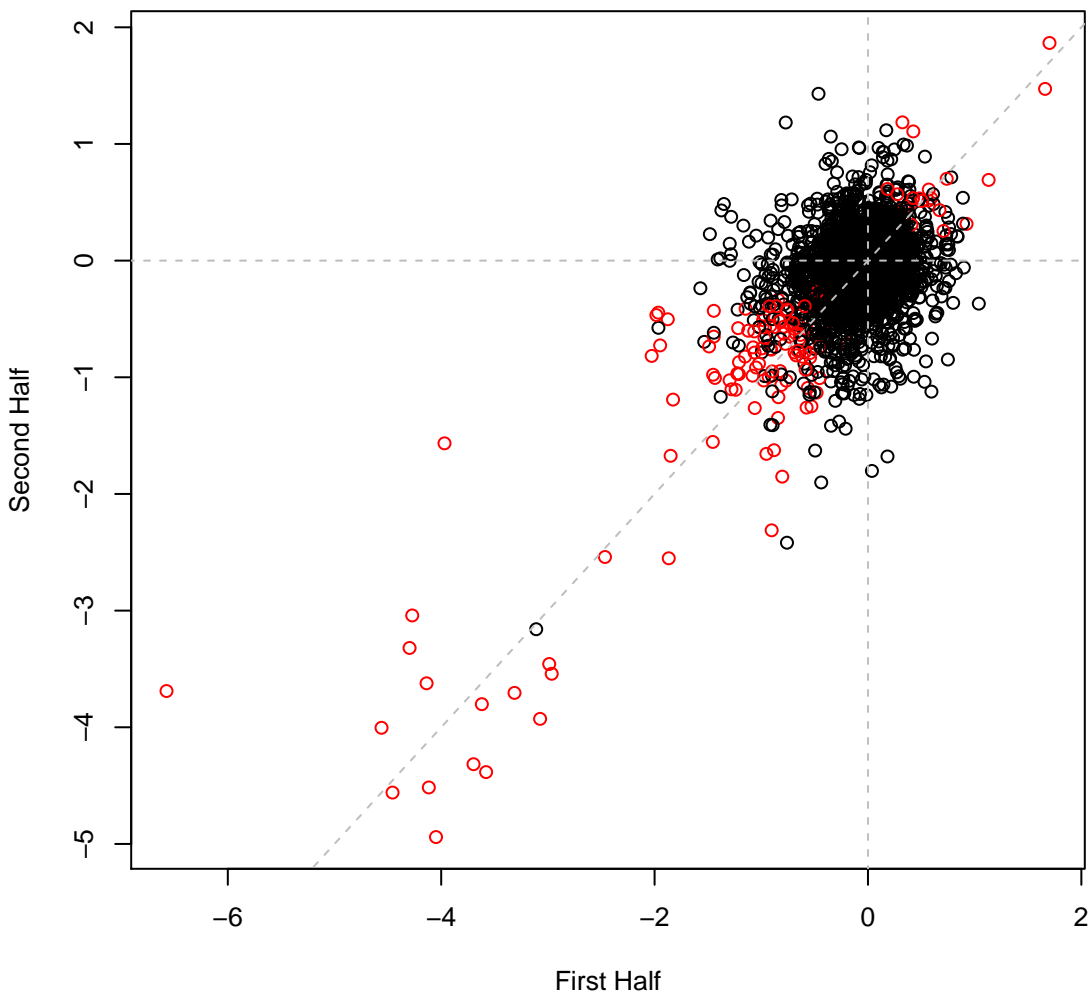




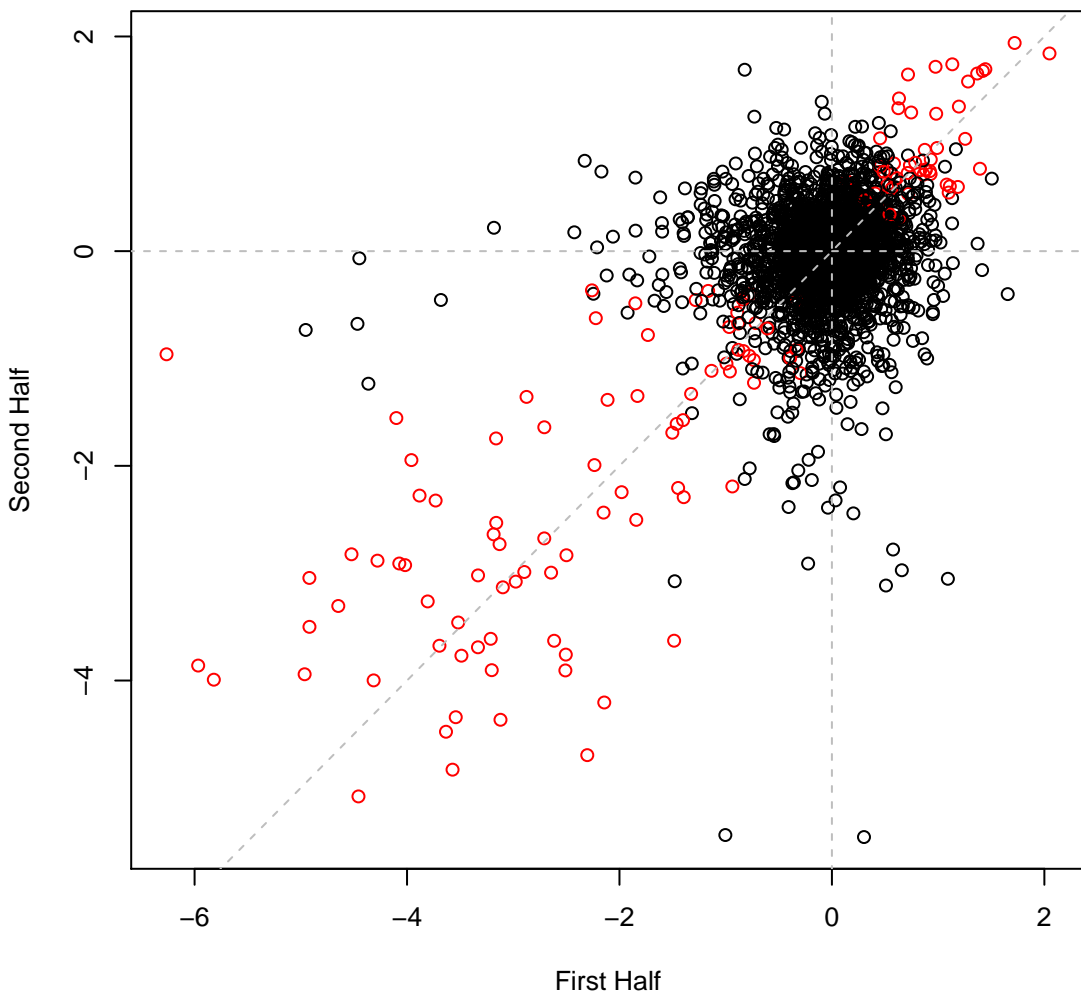
**Phaeo set3H28 #124 (gMed=161 rho12=0.220)**  
**L-Citrulline (C)**



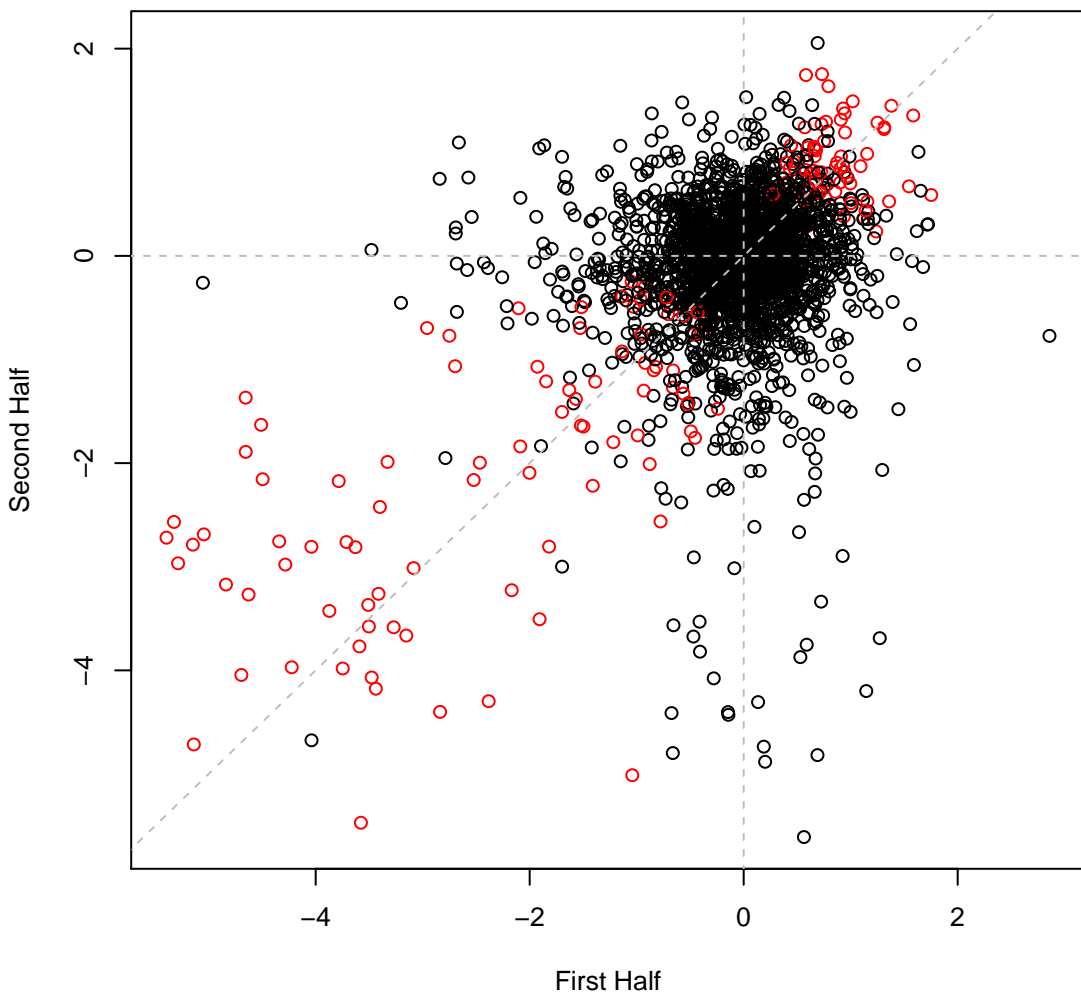
**Phaeo set3H29 #125 (gMed=162 rho12=0.319)**  
**casaminos (C)**



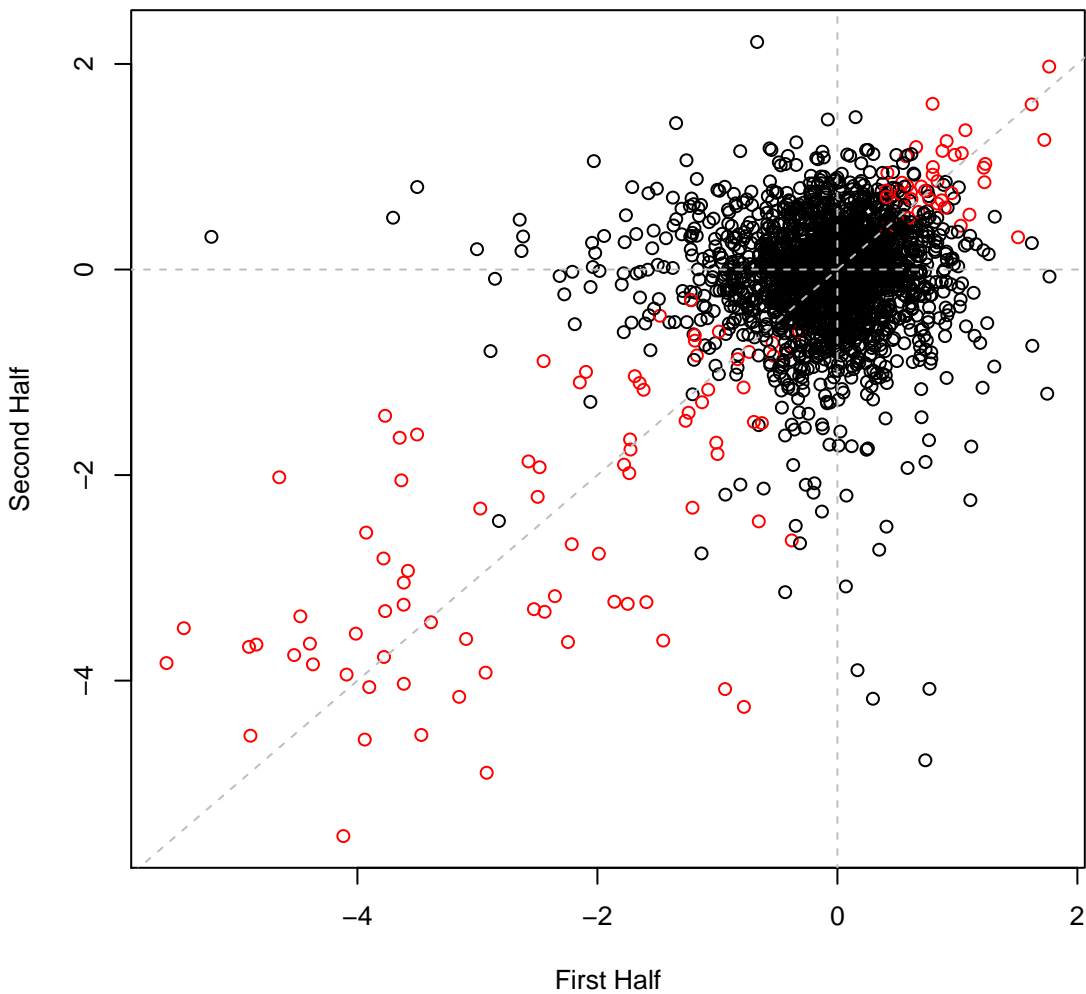
**Phaeo set3H30 #126 (gMed=182 rho12=0.229)**  
**NAG (C)**



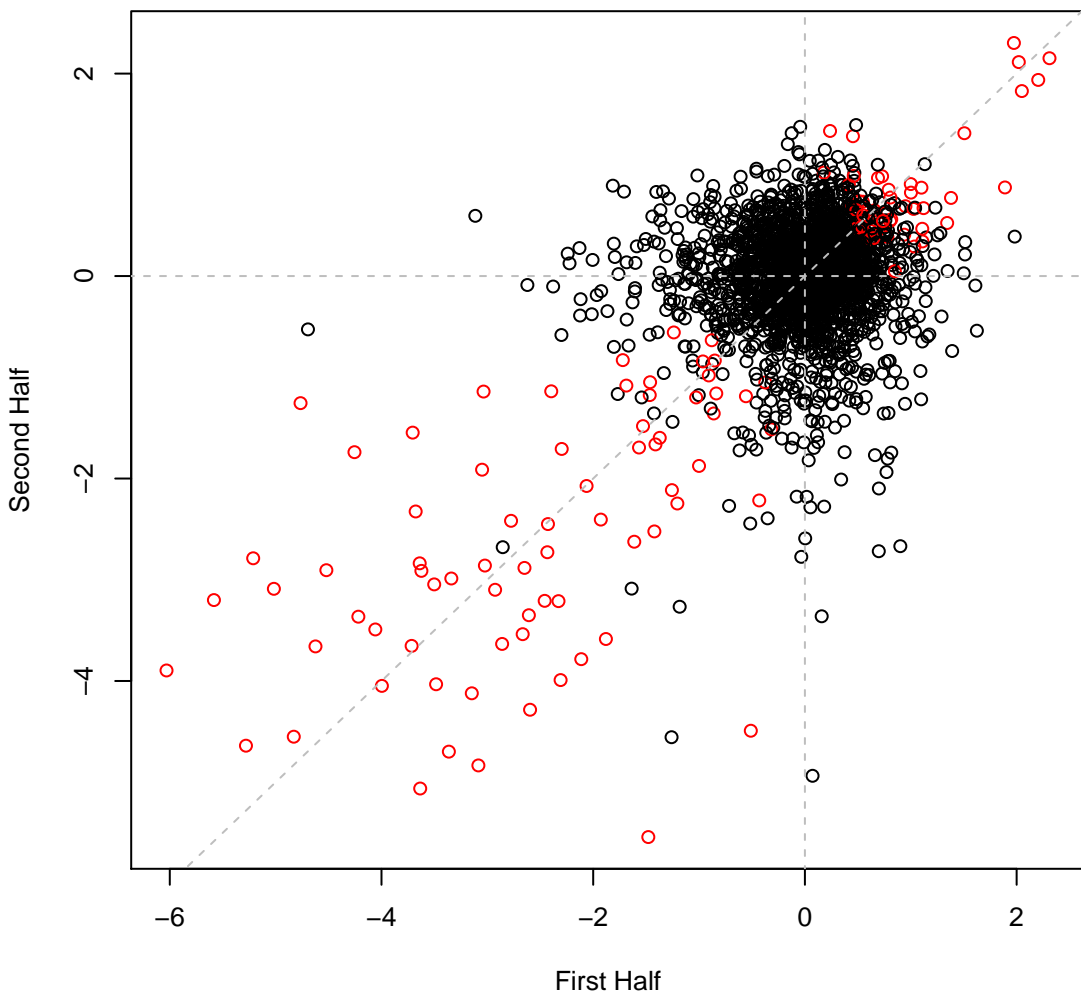
**Phaeo set3H31 #127 (gMed=134 rho12=0.233)**  
**D-Glucose (C)**



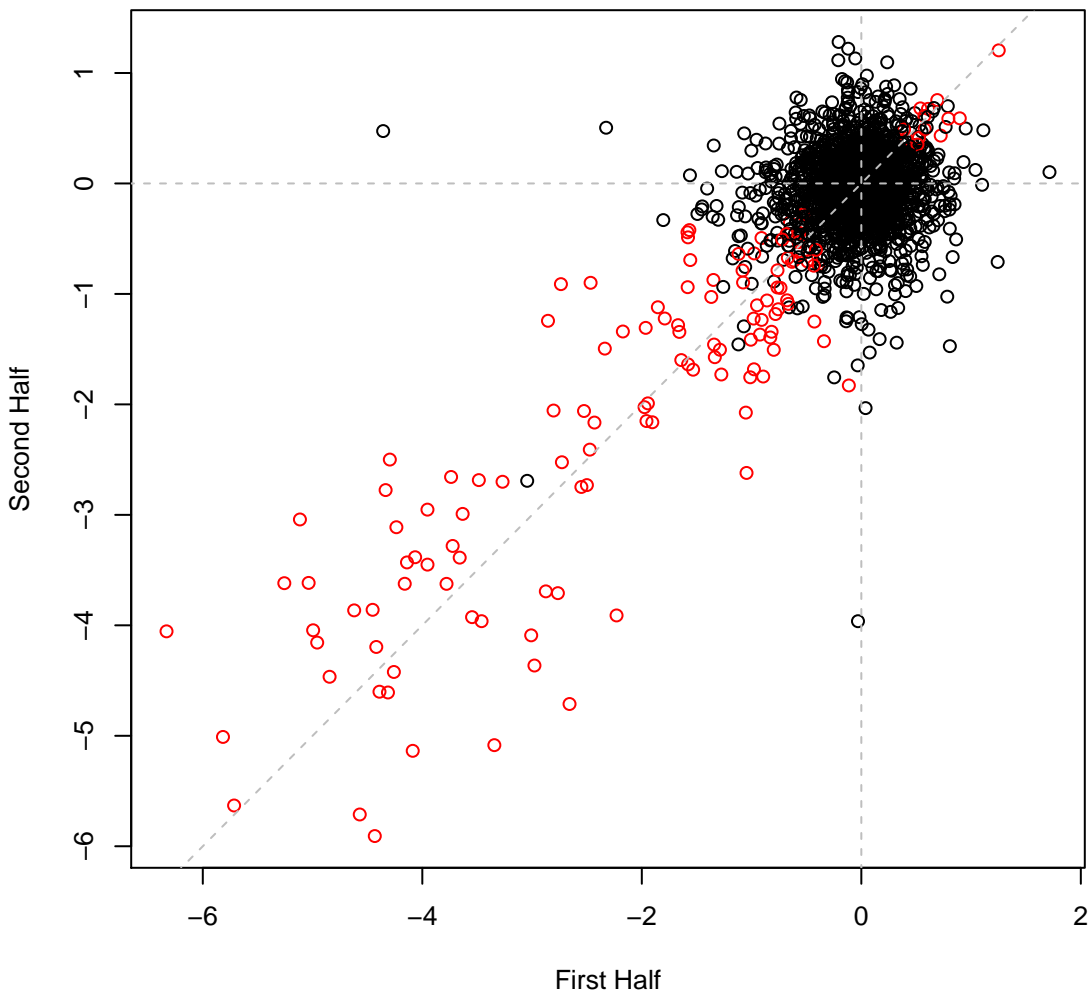
**Phaeo set3H32 #128 (gMed=126 rho12=0.174)**  
**D-Fructose (C)**



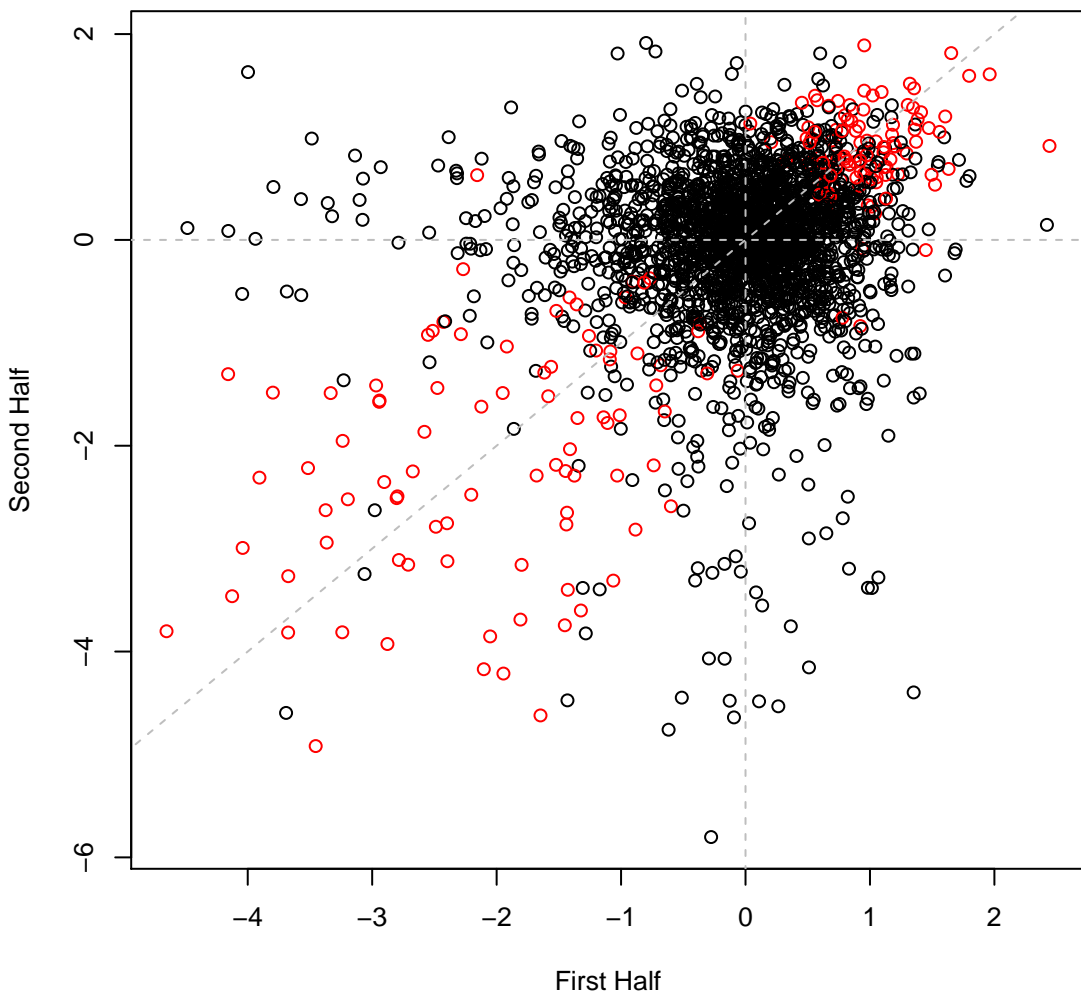
**Phaeo set3H33 #129 (gMed=141 rho12=0.176)**  
**Sucrose (C)**



**Phaeo set3H34 #130 (gMed=155 rho12=0.244)**  
 **$\alpha$ -Ketoglutaric (C)**

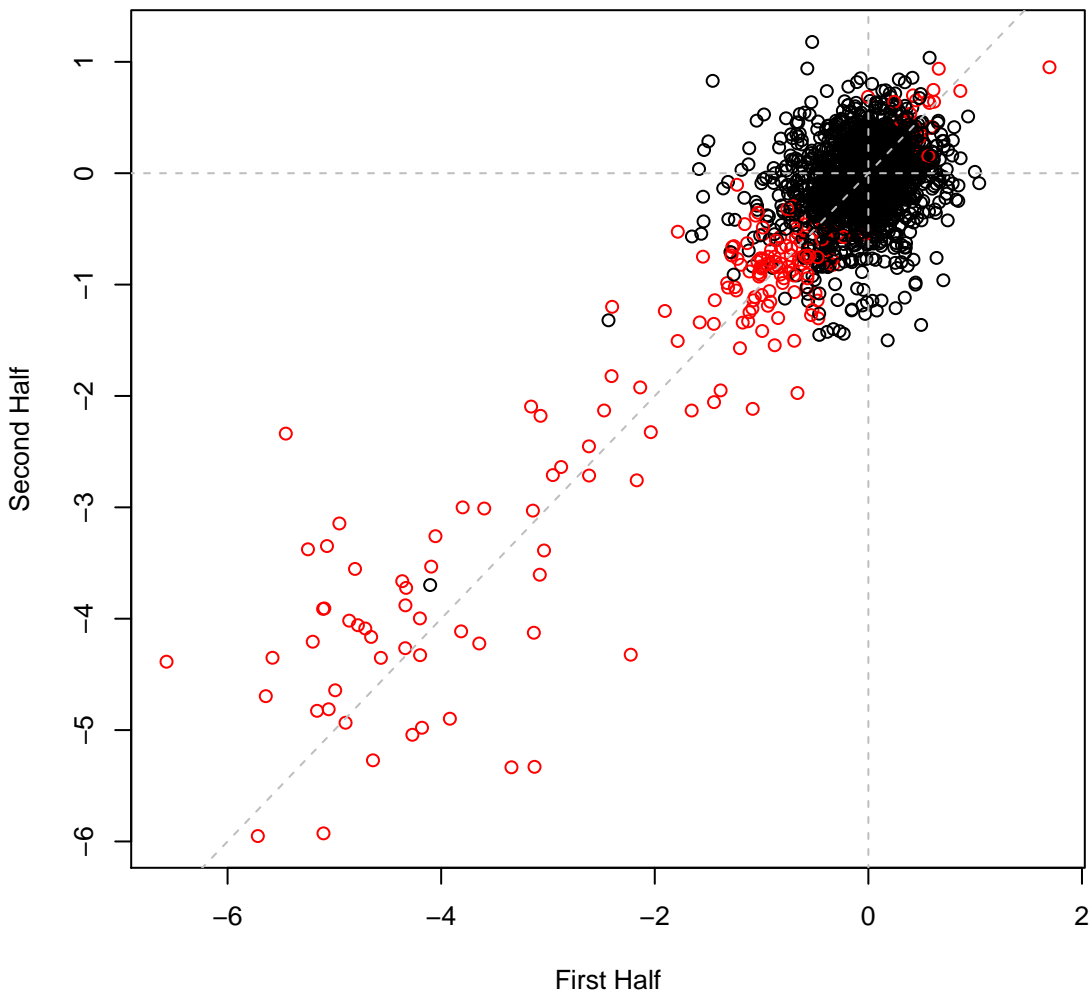


**Phaeo set3H35 #131 (gMed=99 rho12=0.207)**  
**acetate (C)**



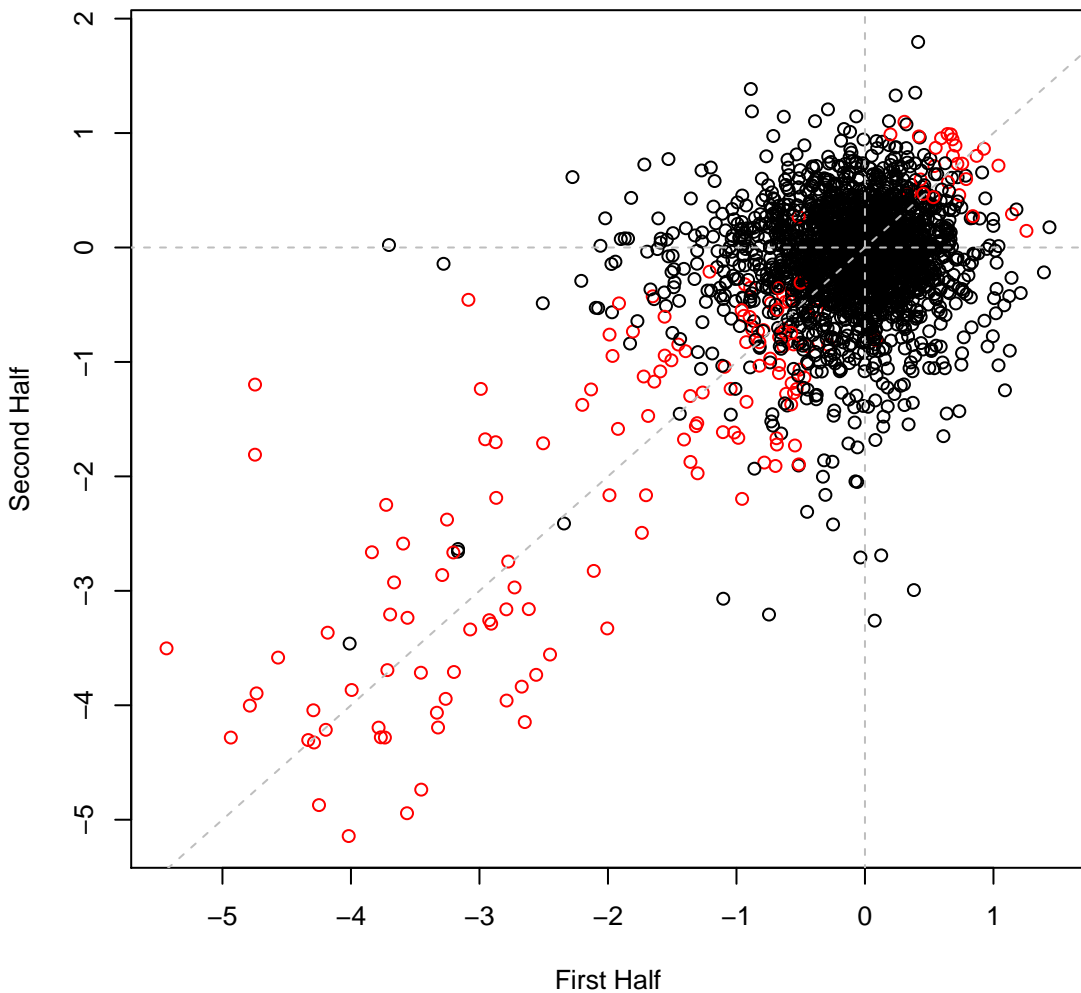


**Phaeo set3H36 #132 (gMed=167 rho12=0.450)**  
**Fumarate (C)**

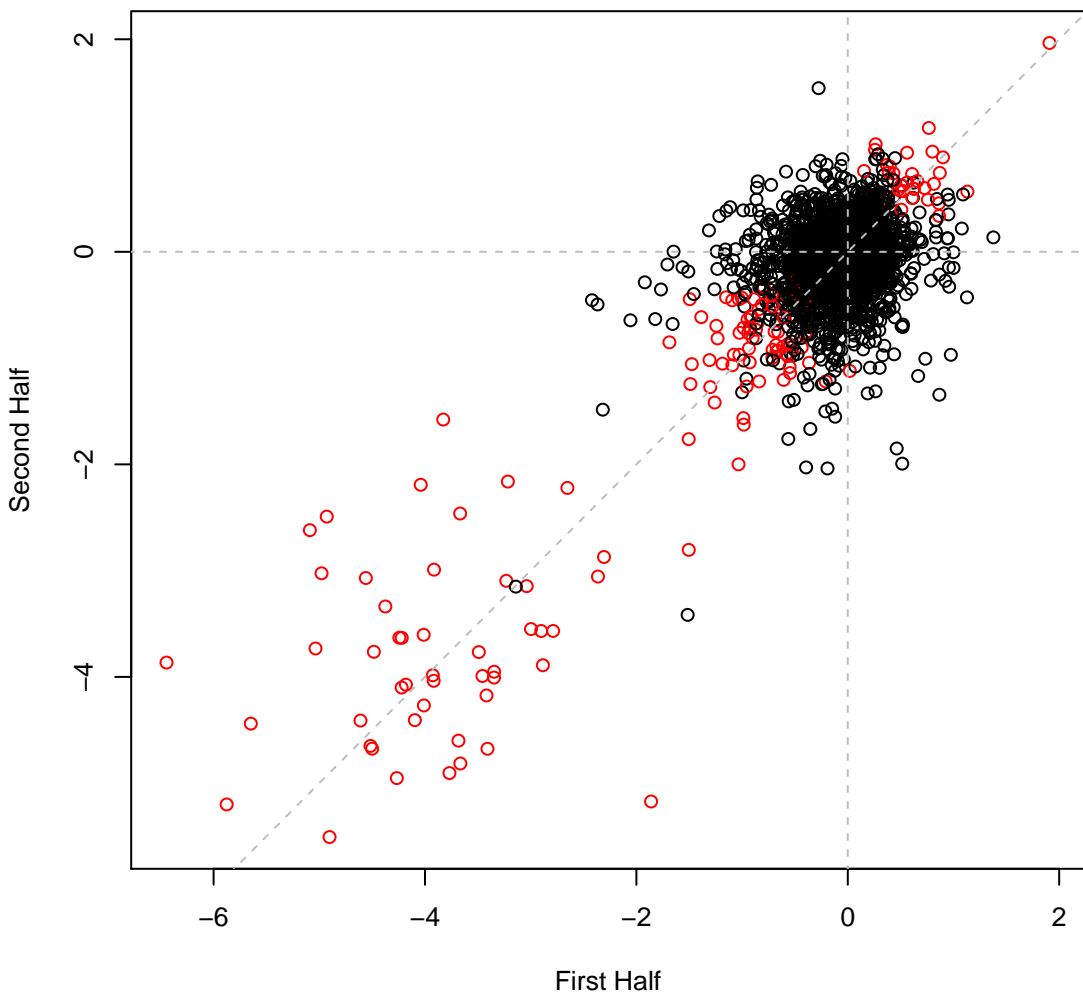


Phaeo set3H38 #134 (gMed=62 rho12=0.209)

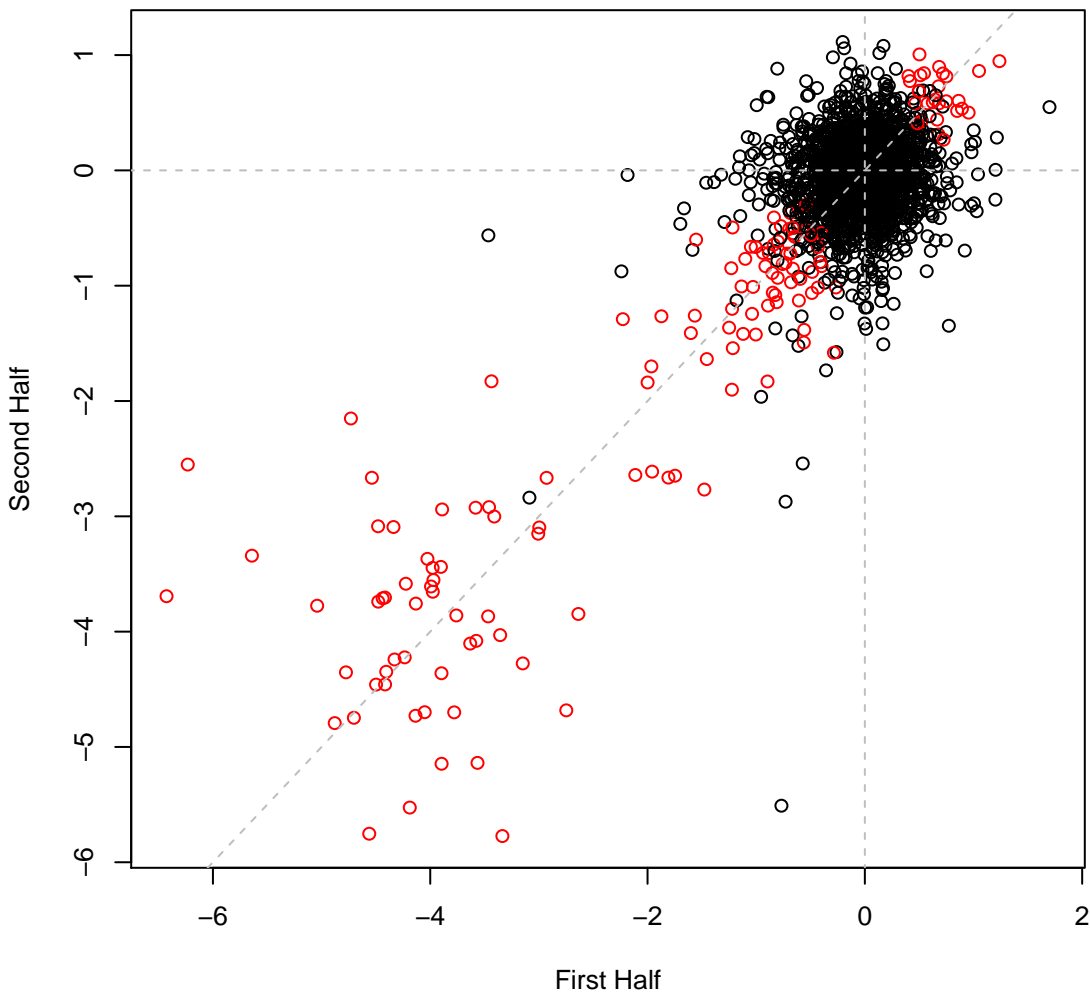
D-Lactate (C)



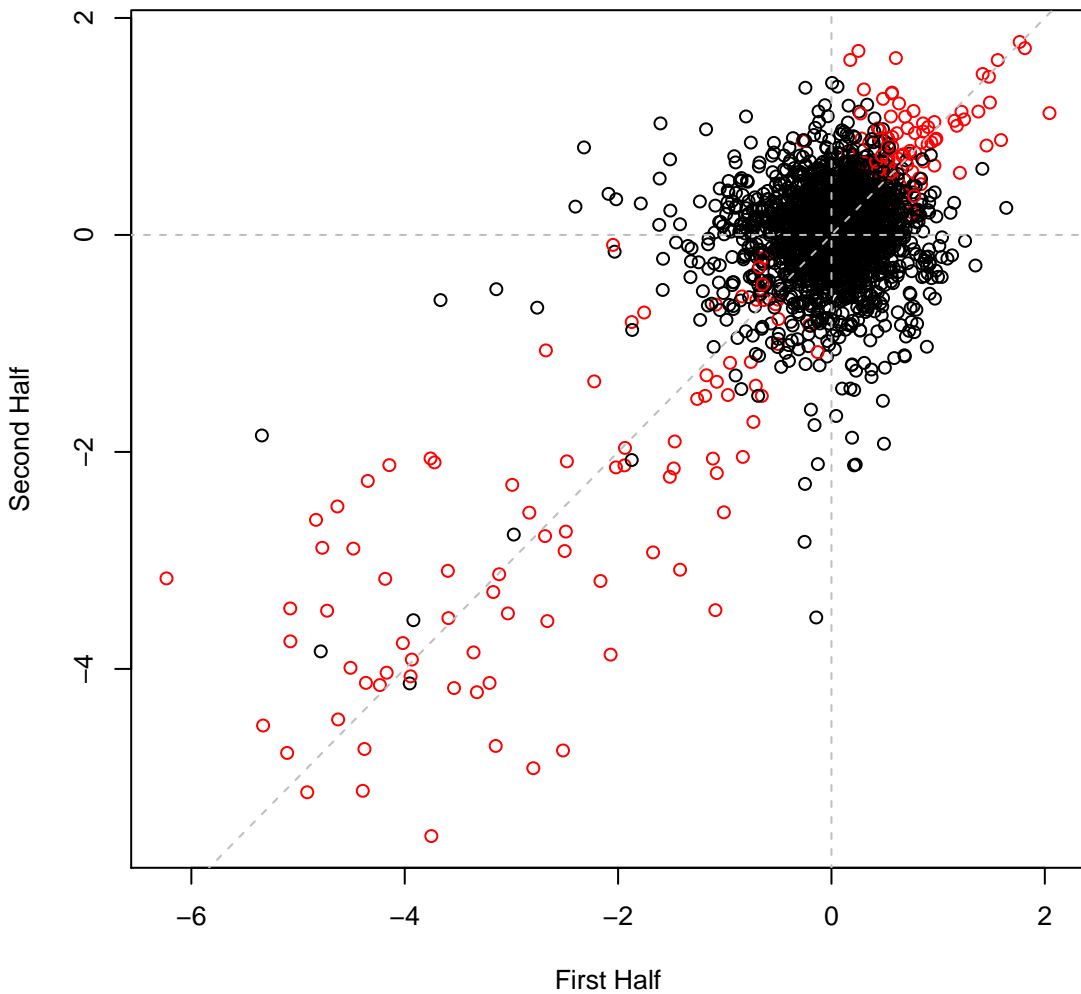
**Phaeo set3H39 #135 (gMed=154 rho12=0.300)**  
**L-Lactate (C)**



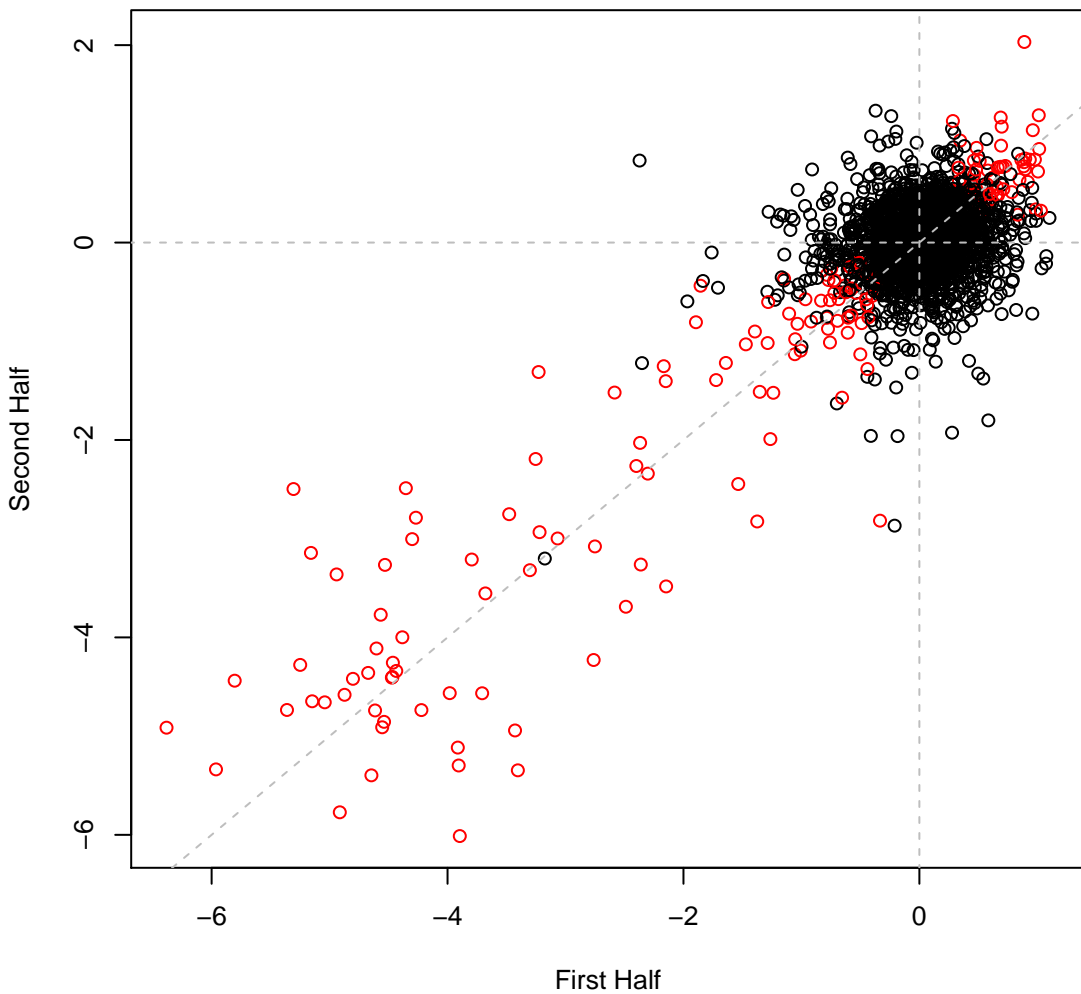
**Phaeo set3H40 #136 (gMed=155 rho12=0.248)**  
**D,L-Lactate (C)**



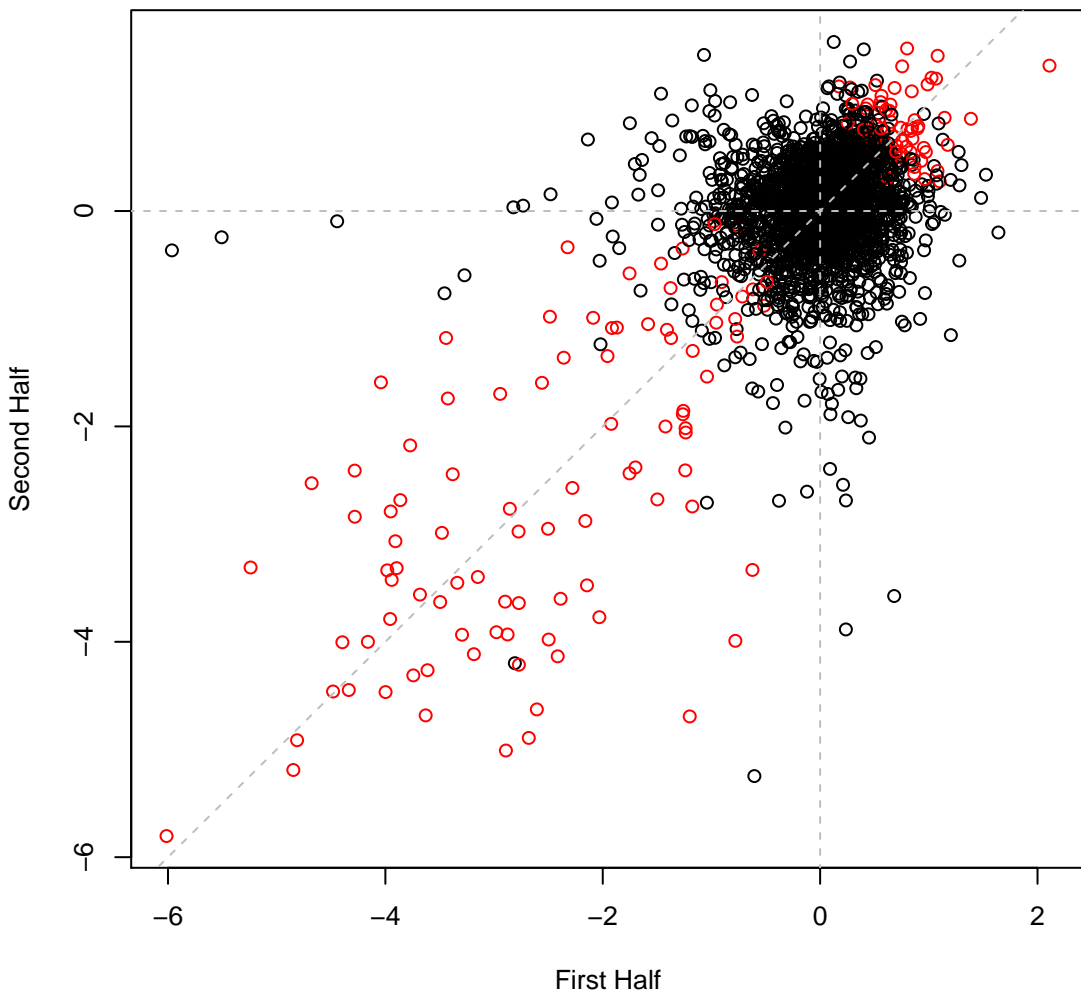
**Phaeo set3H41 #137 (gMed=171 rho12=0.259)**  
**pyruvate (C)**



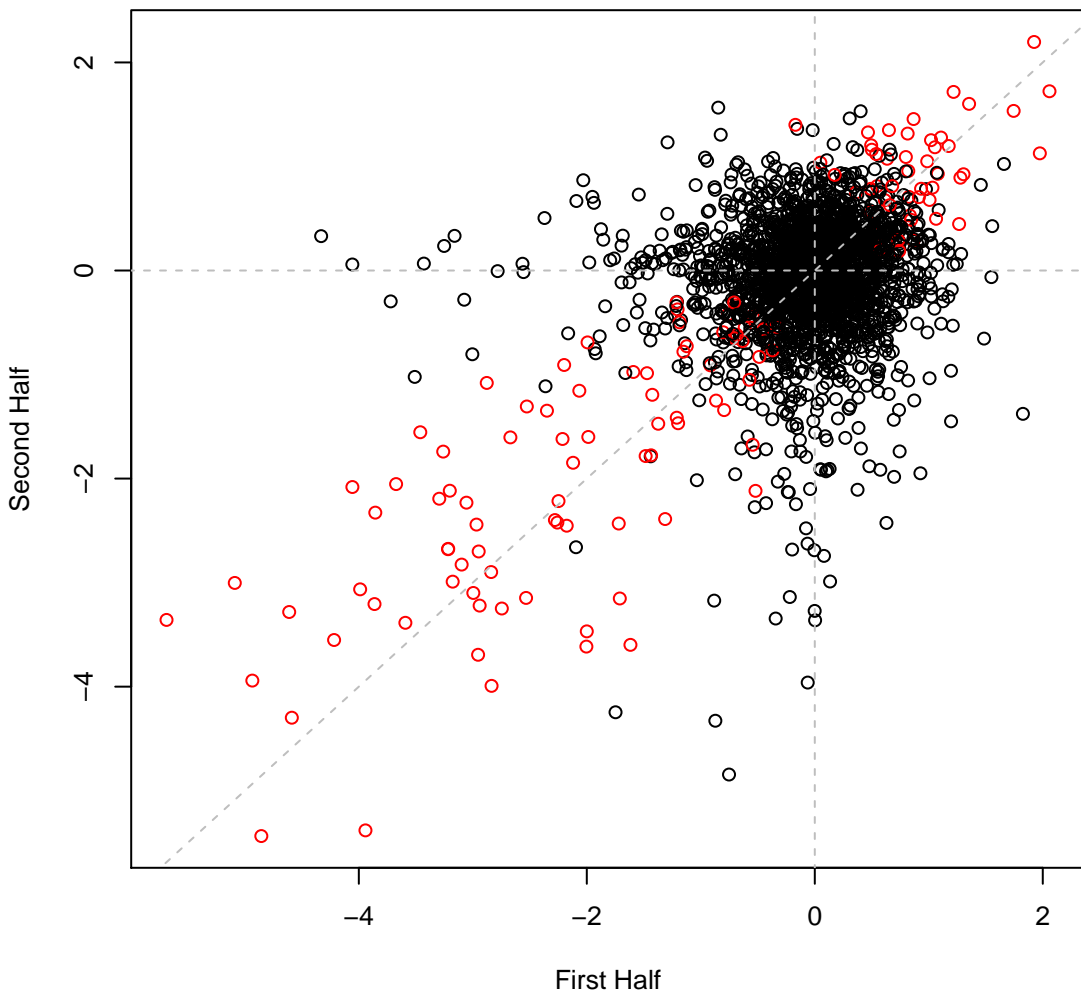
**Phaeo set3H42 #138 (gMed=169 rho12=0.311)**  
**succinate (C)**



**Phaeo set3H43 #139 (gMed=146 rho12=0.280)**  
**m-Inositol (C)**

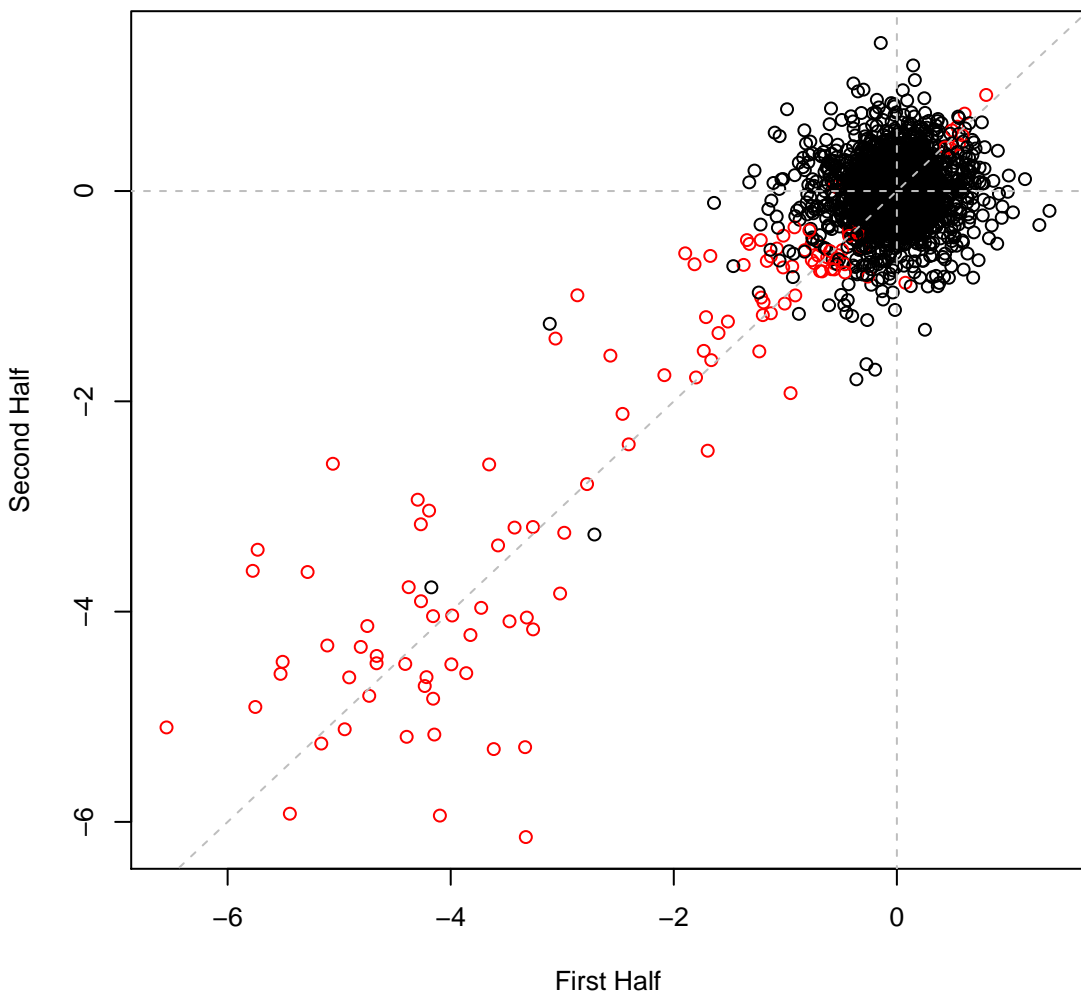


**Phaeo set3H44 #140 (gMed=106 rho12=0.214)**  
**Glycerol (C)**

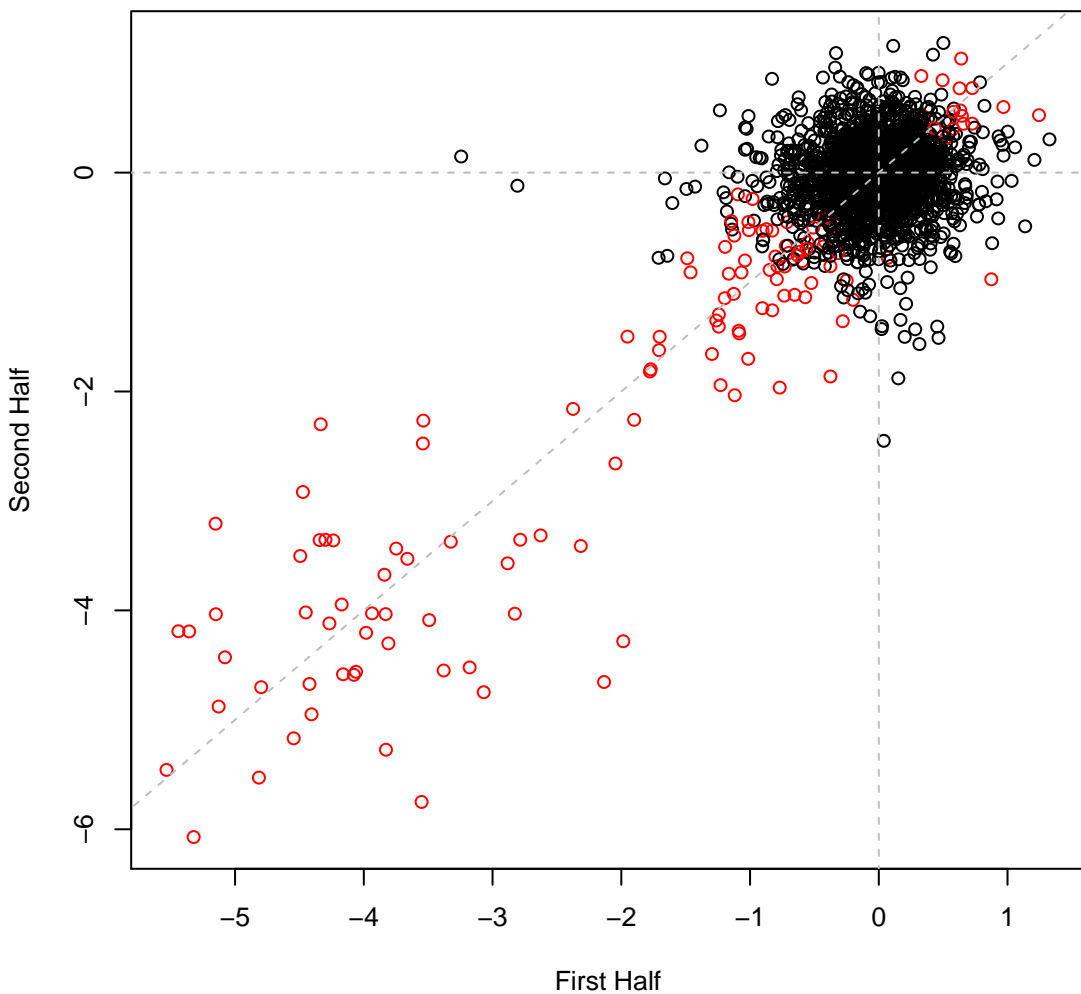




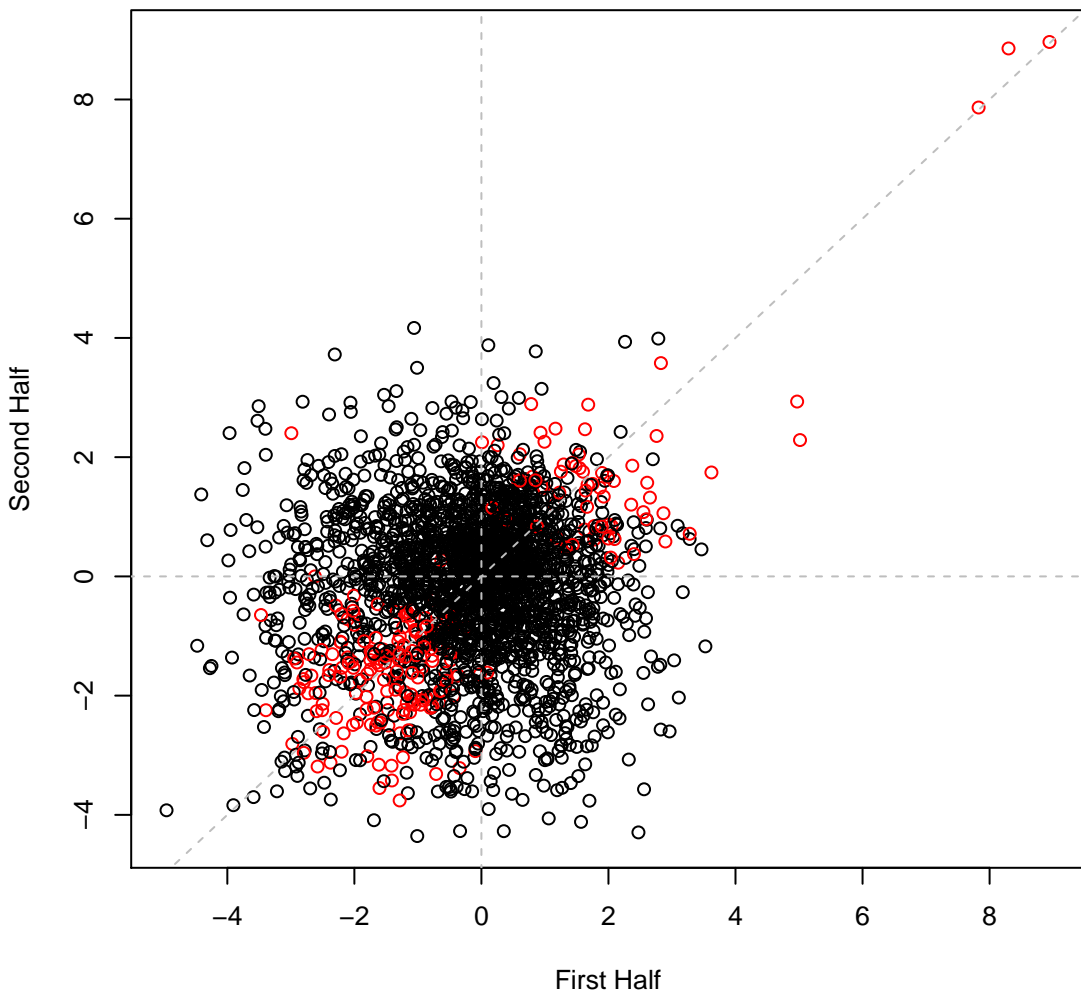
**Phaeo set3H45 #141 (gMed=193 rho12=0.197)**  
**L-Malic (C)**



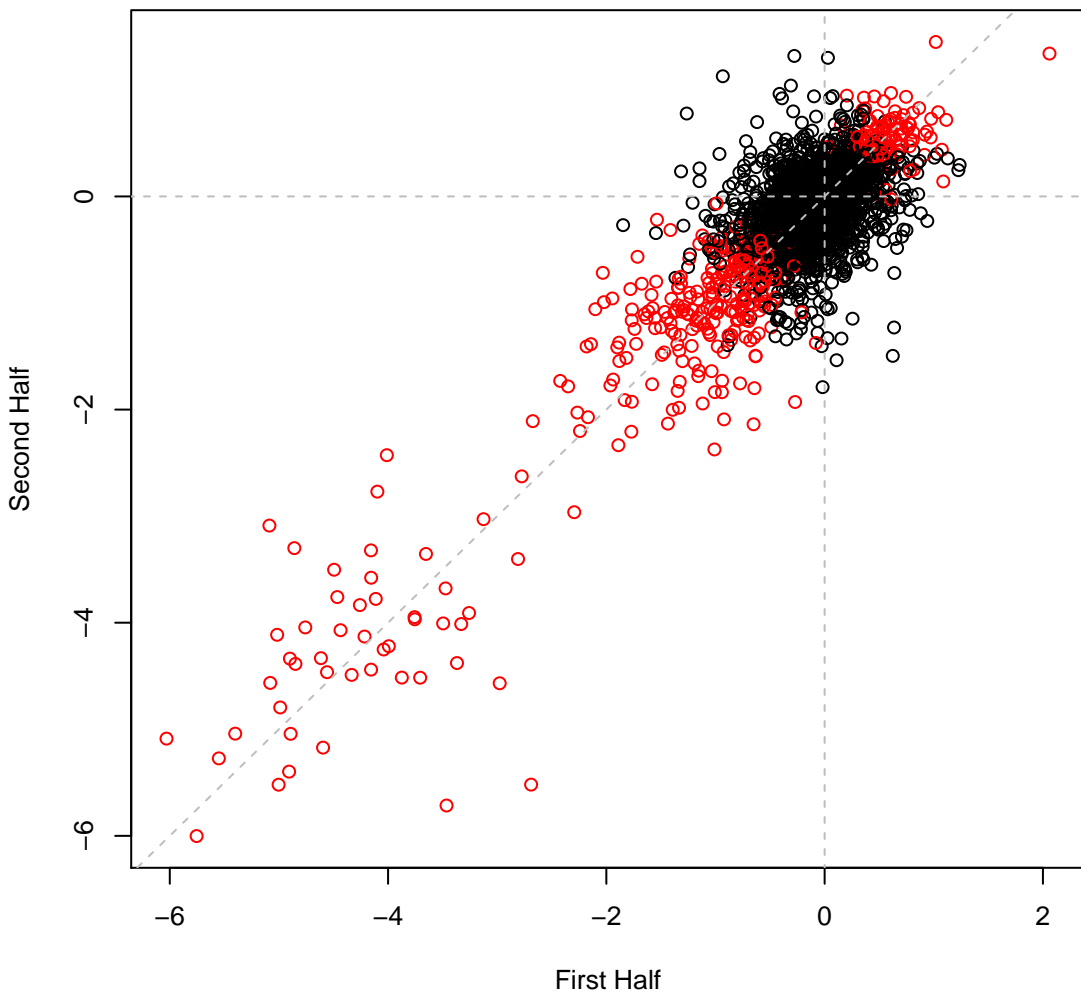
**Phaeo set3H46 #142 (gMed=214 rho12=0.229)**  
**L-Glutamic (C)**



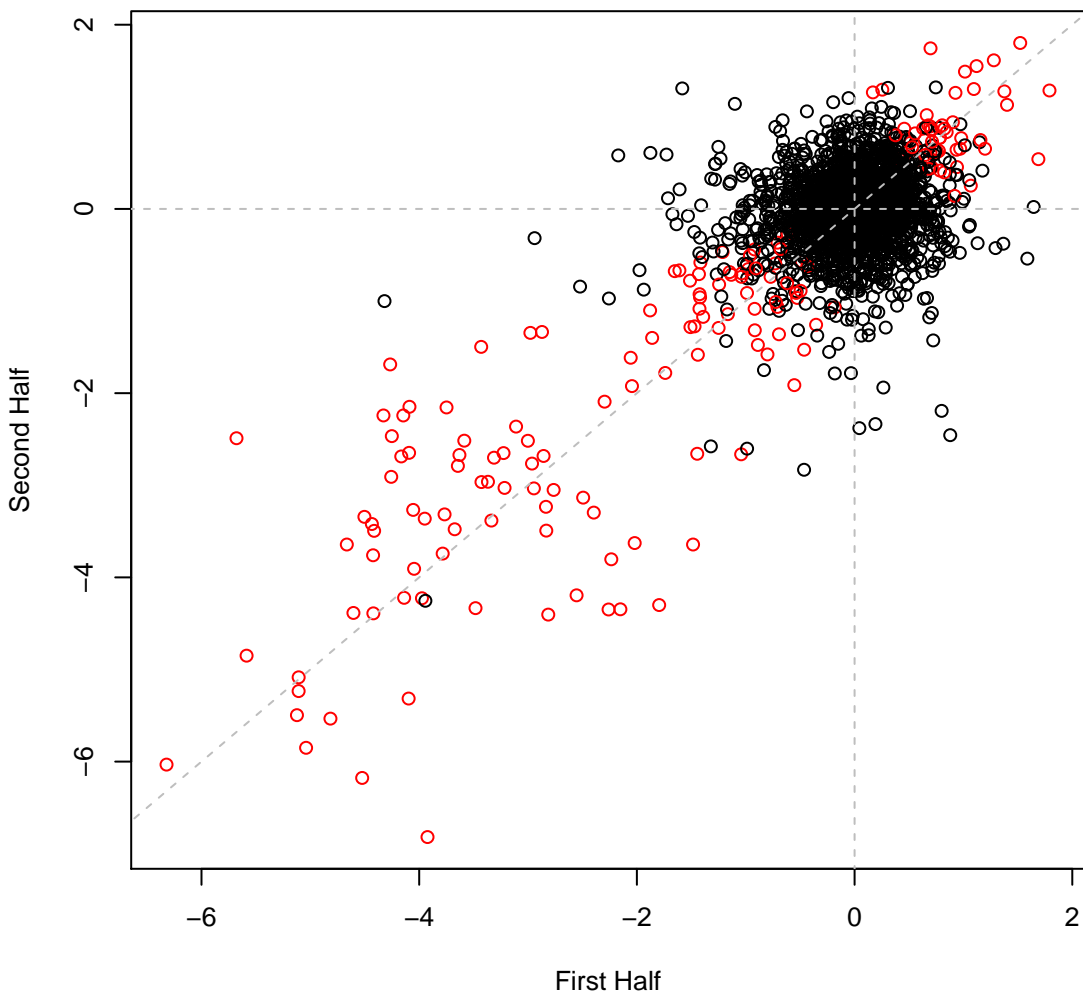
**Phaeo set3H47 #143 (gMed=117 rho12=0.115)**  
**L-Threonine (C)**



**Phaeo set3H48 #144 (gMed=211 rho12=0.640)**  
**L-Glutamine (C)**

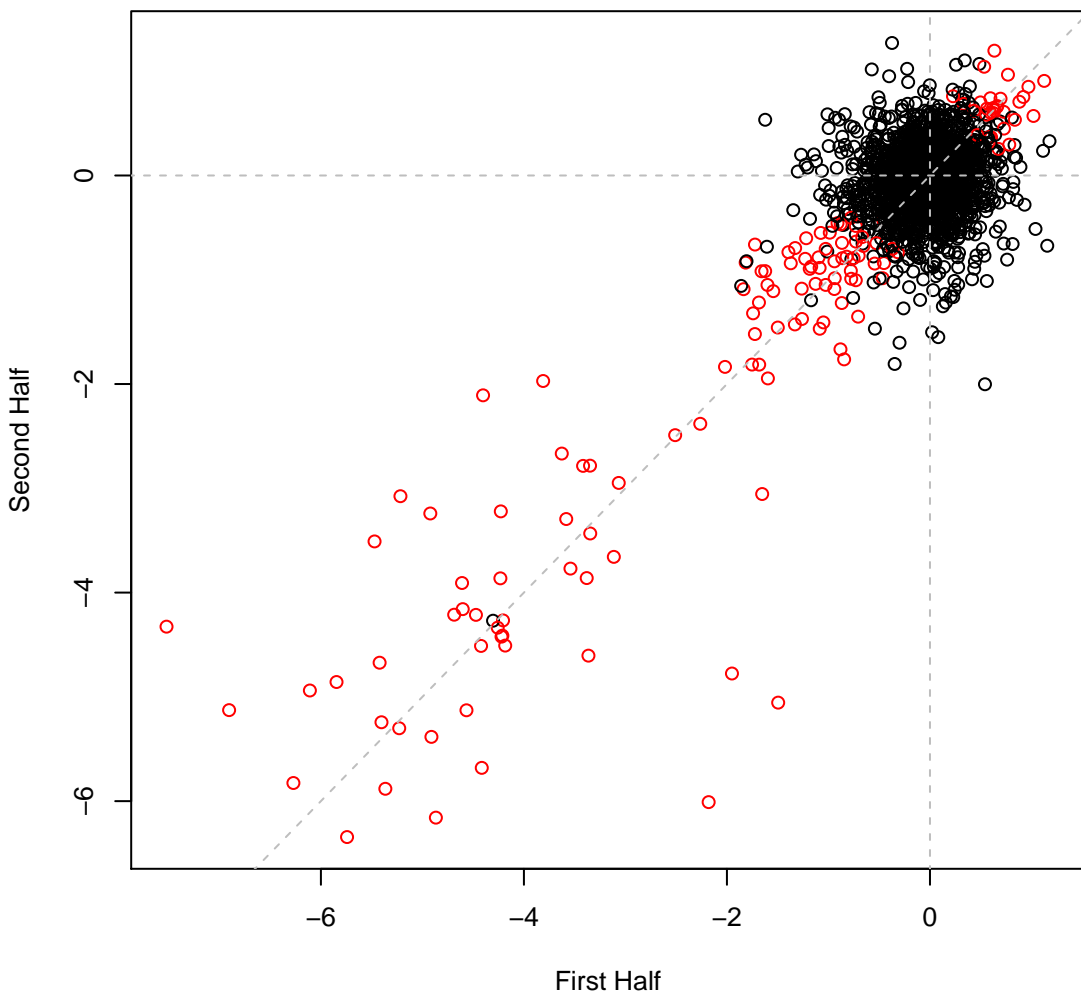


**Phaeo set4H1 #145 (gMed=214 rho12=0.287)**  
**Glycine (C)**

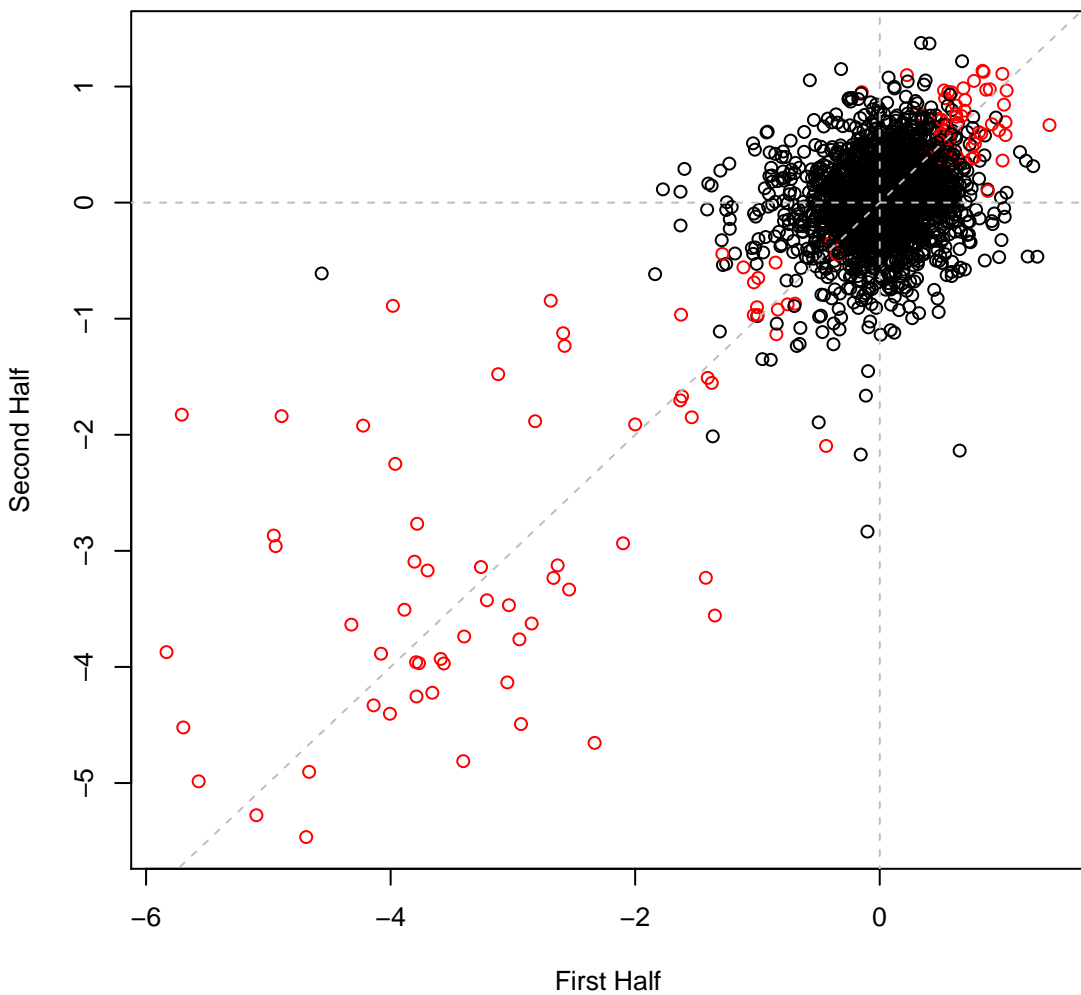


Phaeo set4H2 #146 (gMed=263 rho12=0.247)

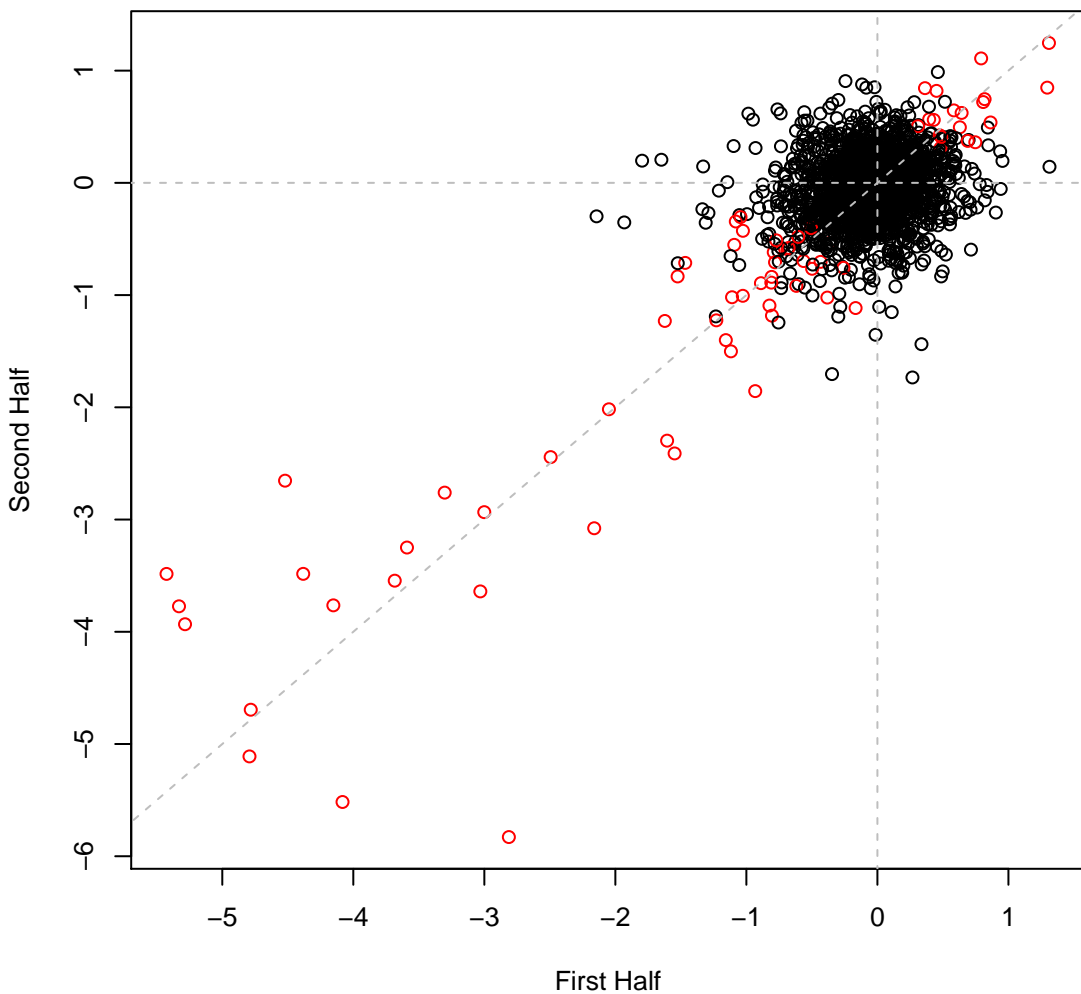
L-Proline (C)



**Phaeo set4H3 #147 (gMed=219 rho12=0.296)**  
**L-Citrulline (C)**

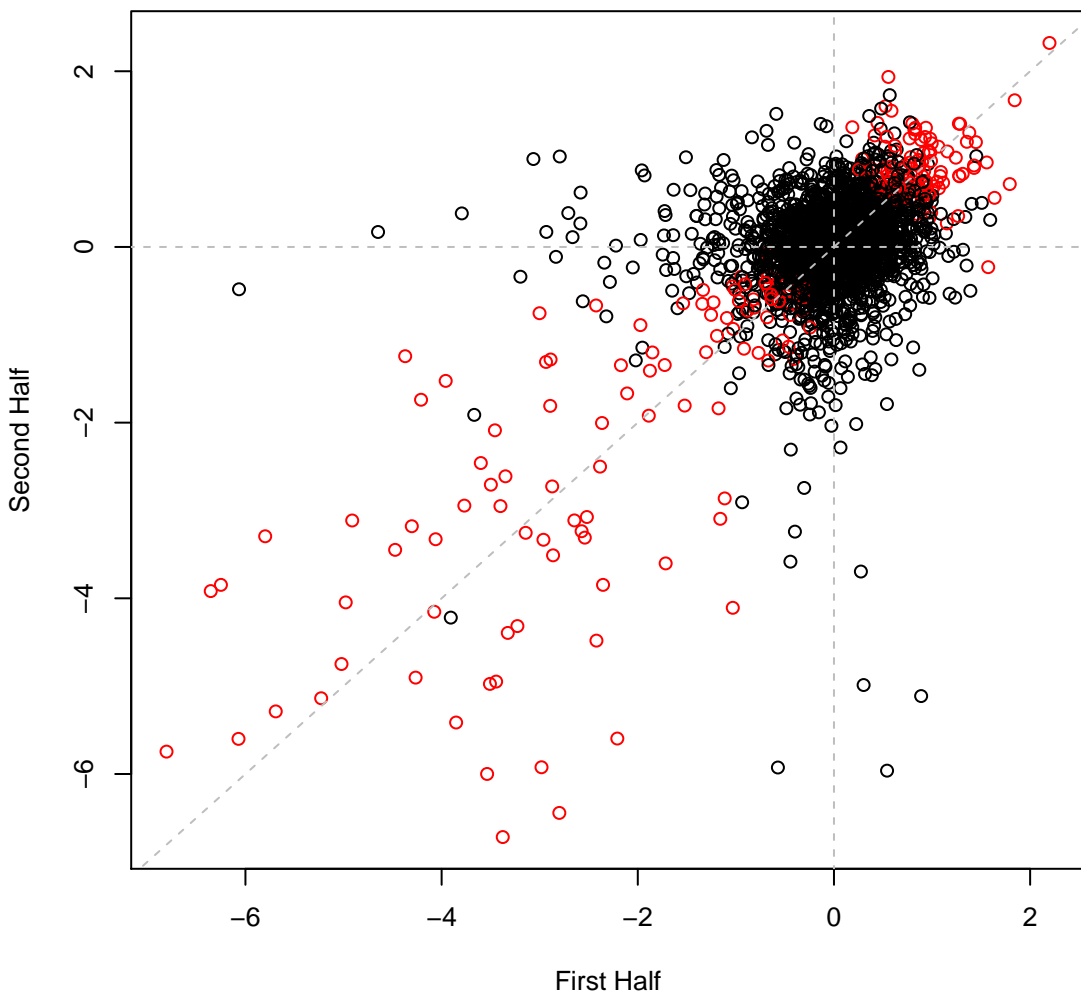


**Phaeo set4H4 #148 (gMed=222 rho12=0.208)**  
**casaminos (C)**



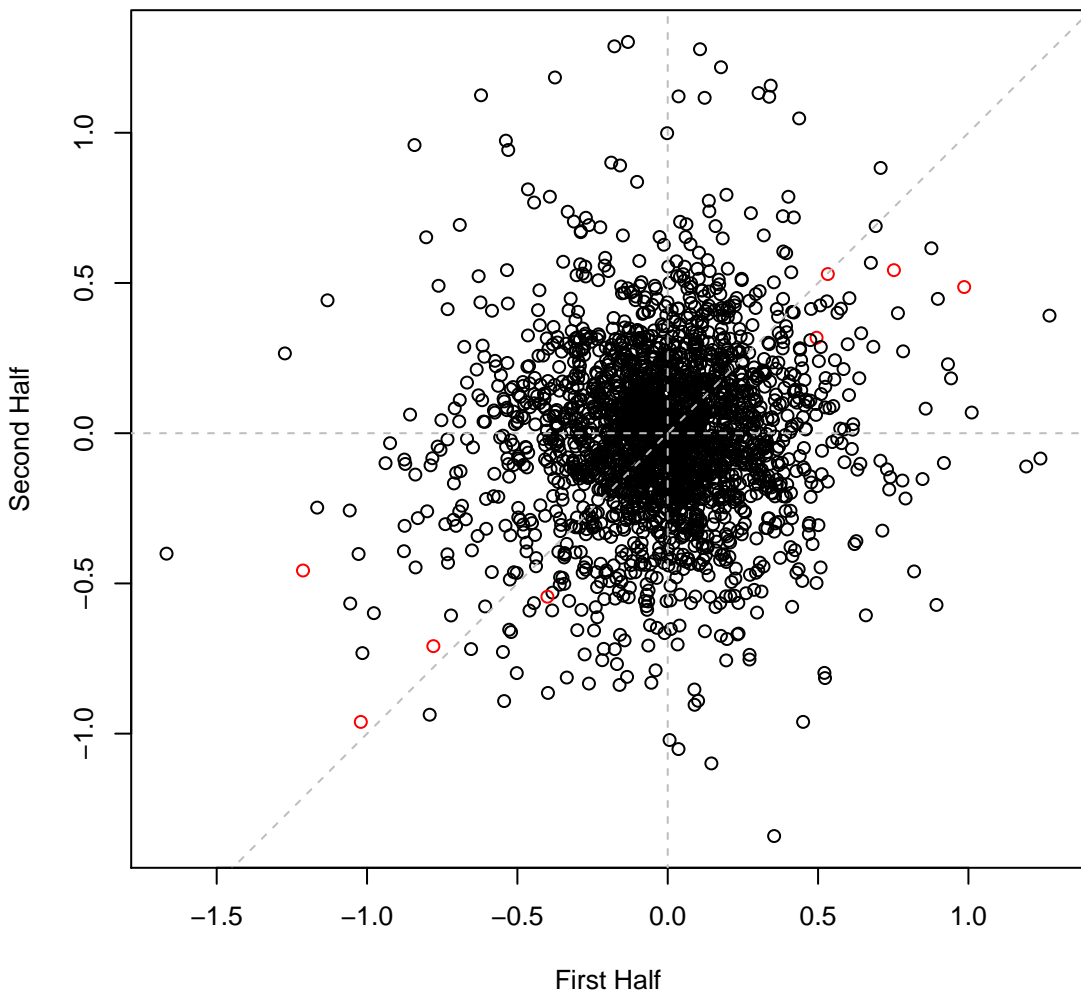


**Phaeo set4H5 #149 (gMed=213 rho12=0.373)**  
**NAG (C)**



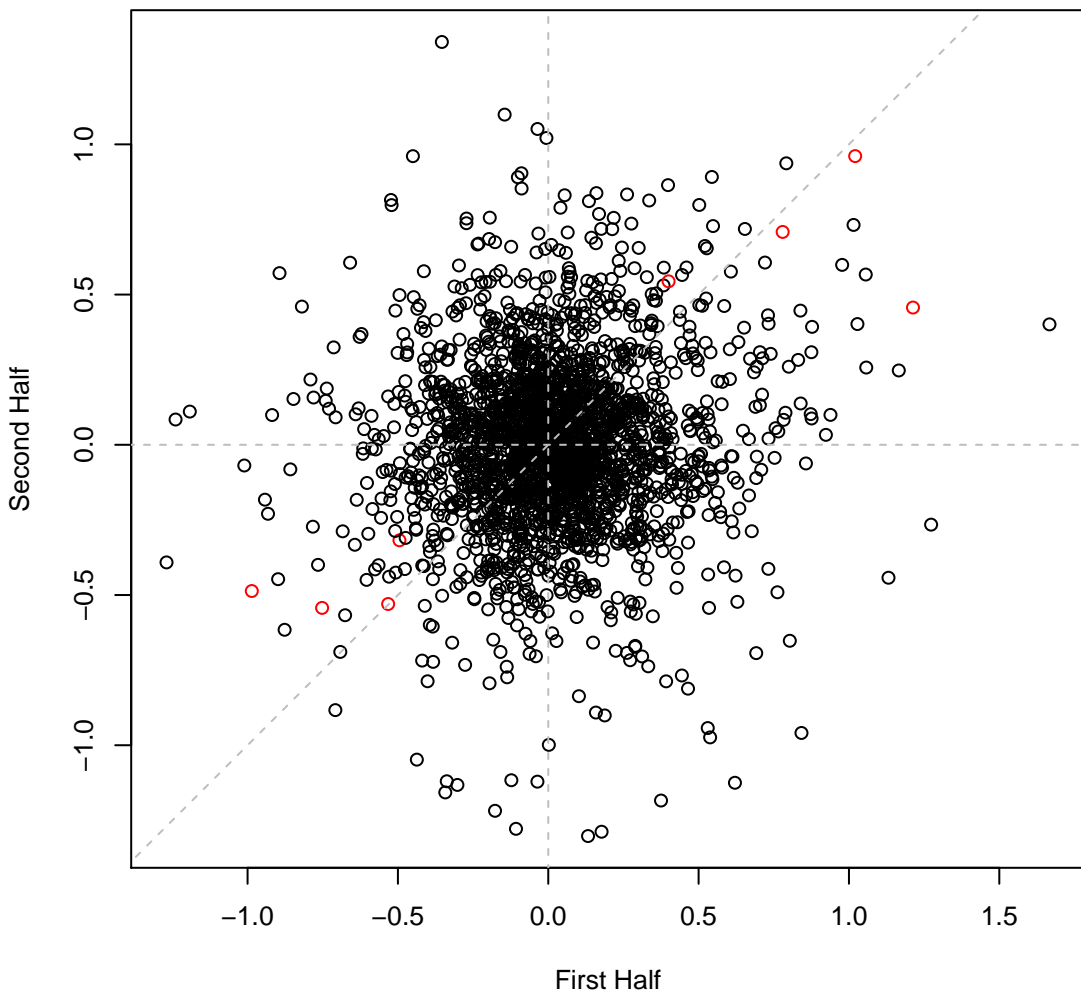
Phaeo set4H6 #150 (gMed=230 rho12=0.043)

Time0

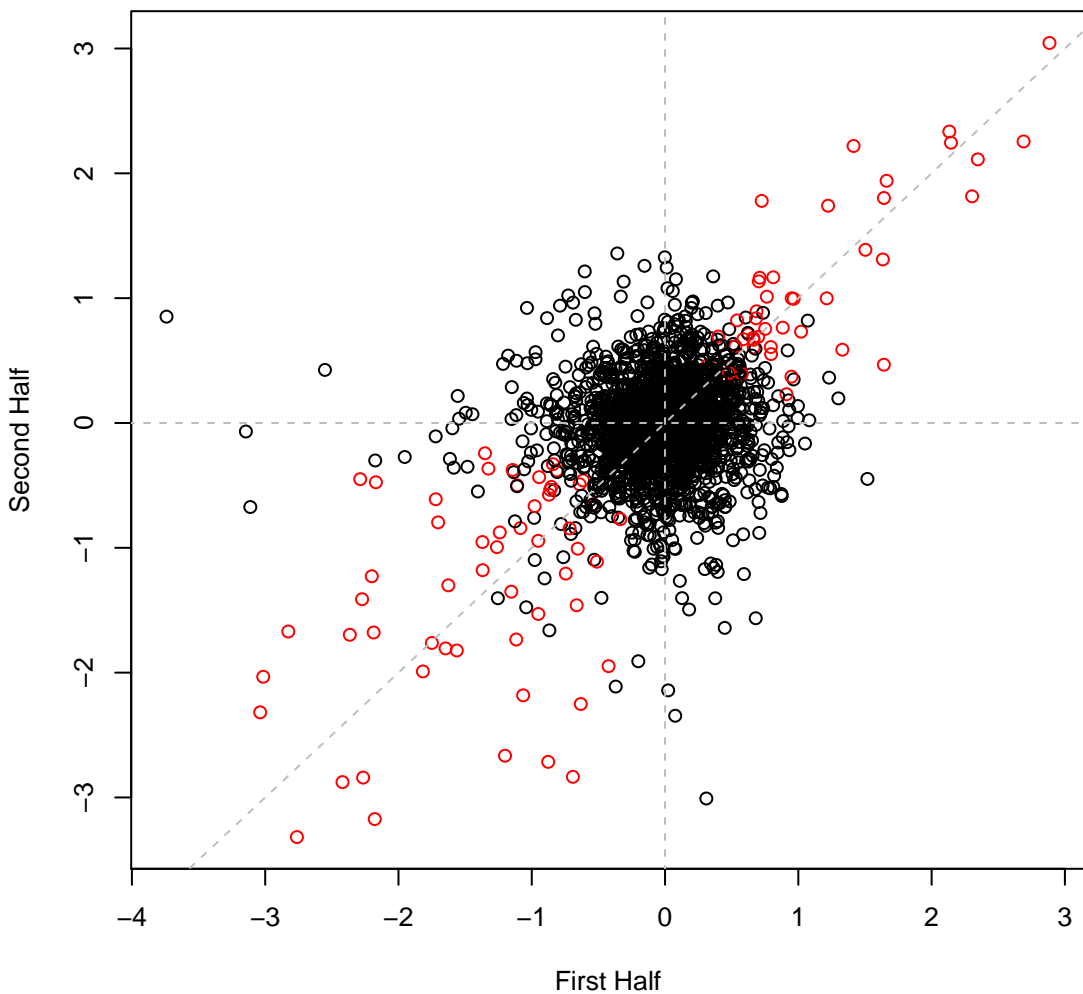


Phaeo set4H7 #151 (gMed=235 rho12=0.043)

Time0

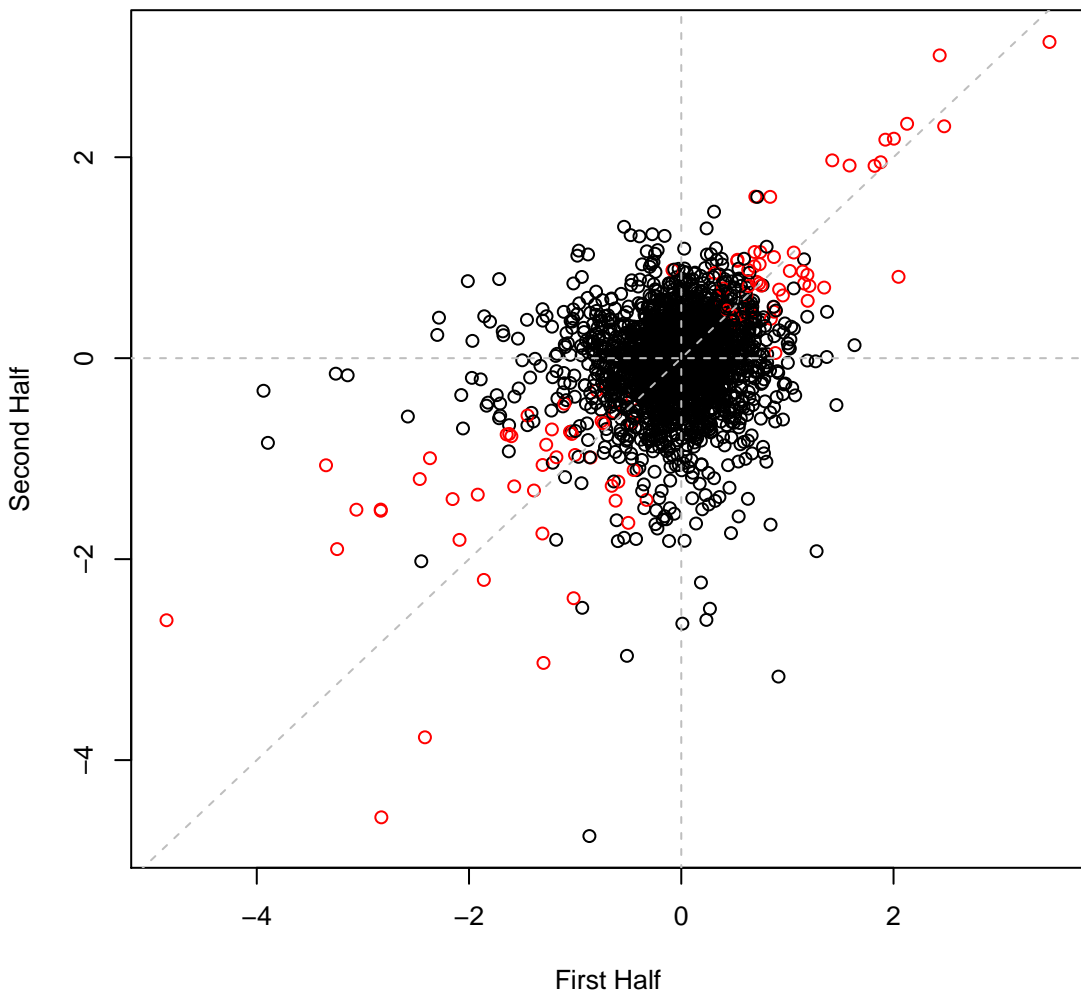


**Phaeo set4H8 #152 (gMed=218 rho12=0.192)**  
**m.b. nitrite 6 mM**



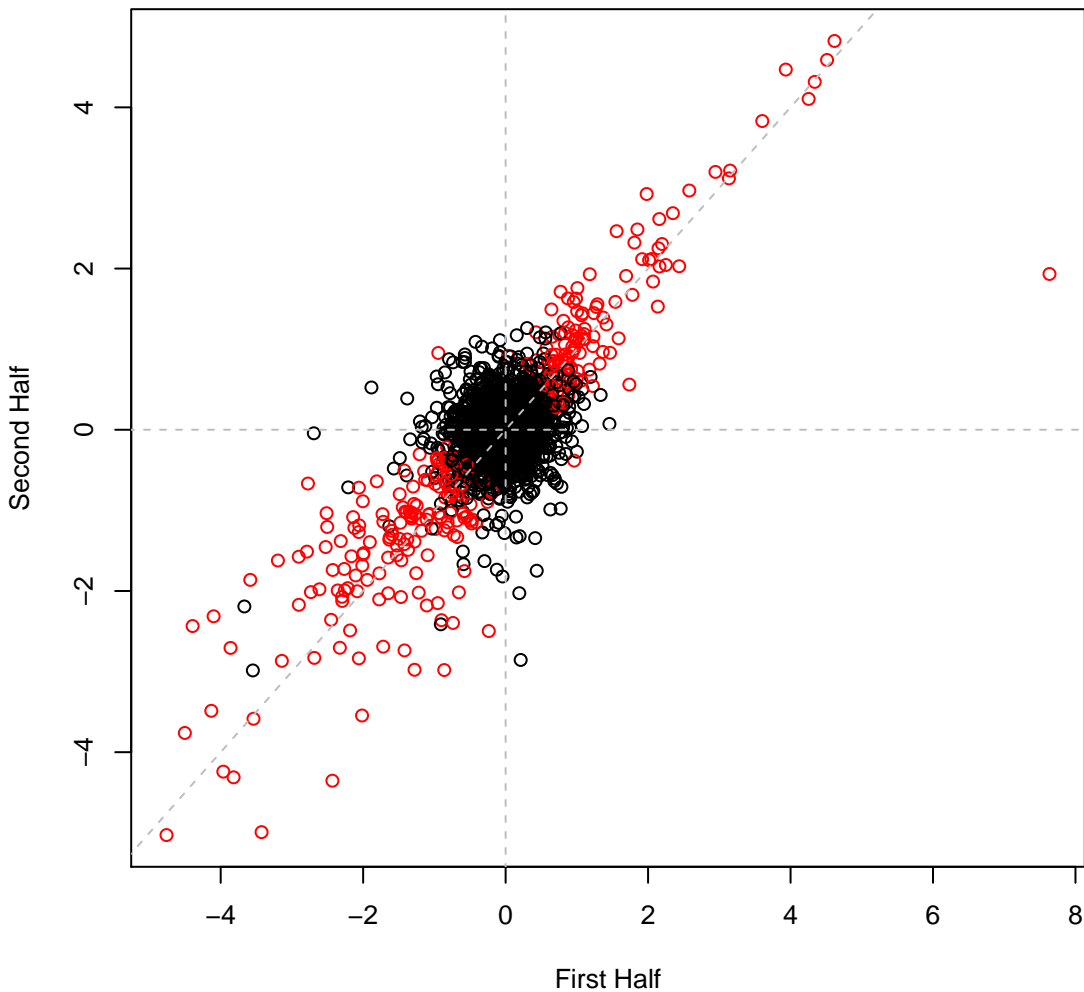
**Phaeo set4H9 #153 (gMed=170 rho12=0.210)**

**m.b. nitrite 8 mM**

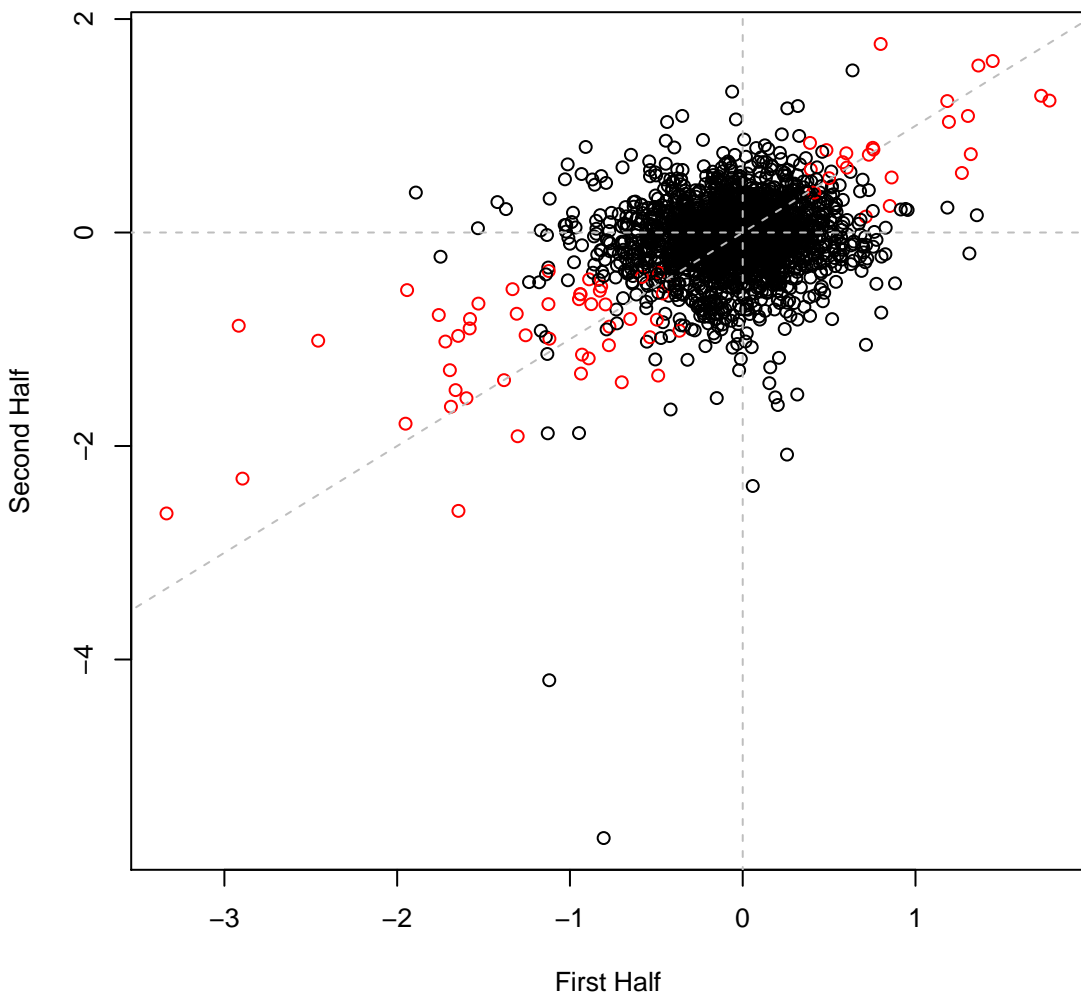


**Phaeo set4H10 #154 (gMed=221 rho12=0.446)**

**m.b. Sisomicin 0.005 mg/ml**

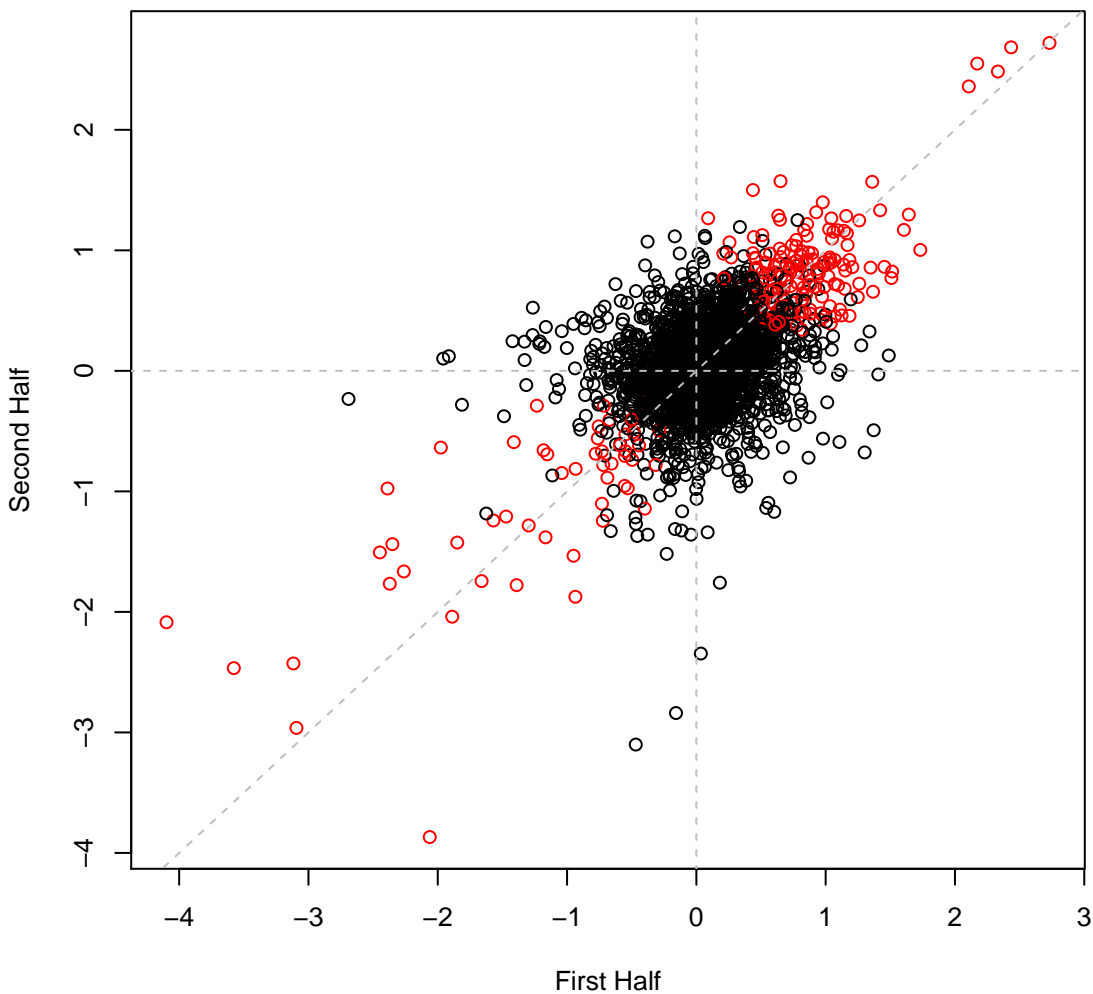


**Phaeo set4H11 #155 (gMed=198 rho12=0.164)**  
**m.b. Chlorite 0.1 mM**



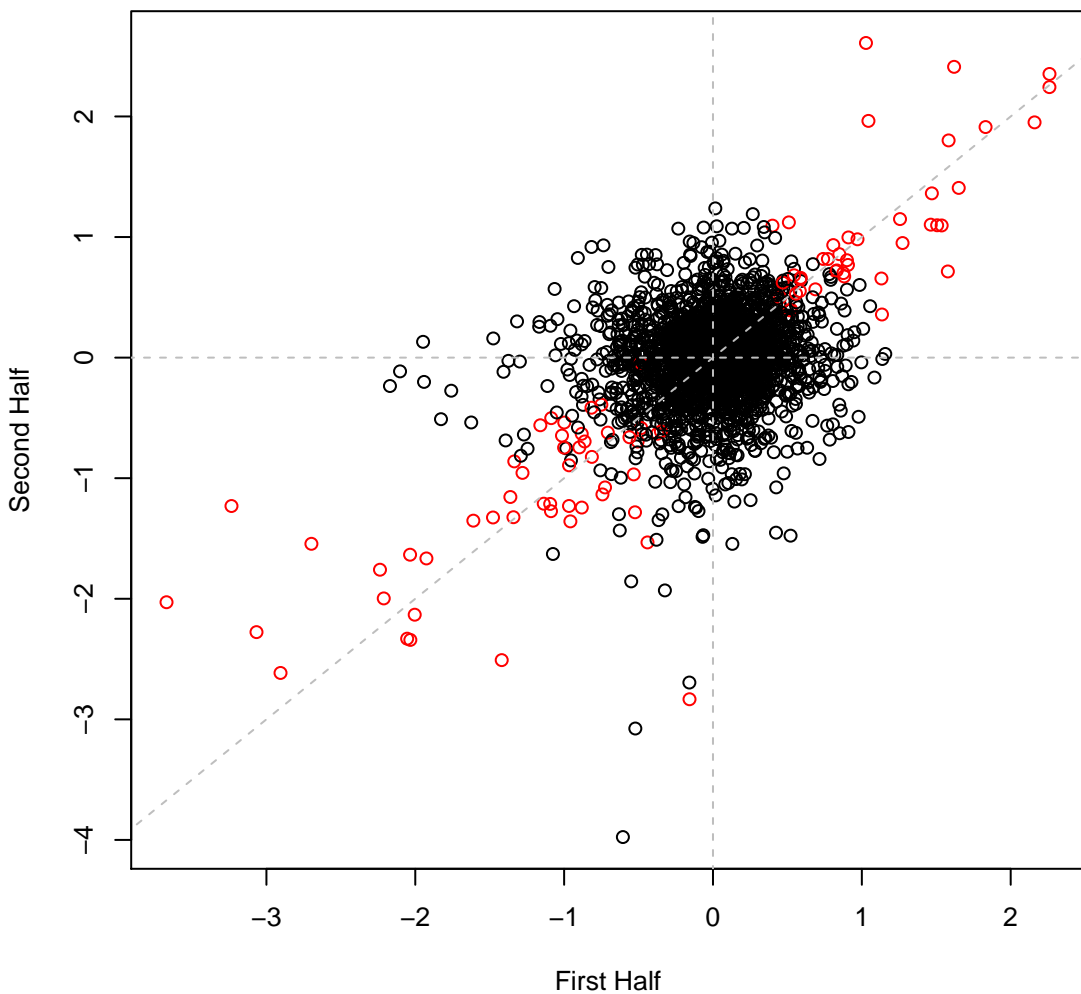
**Phaeo set4H12 #156 (gMed=197 rho12=0.405)**

**m.b. Chlorite 0.25 mM**



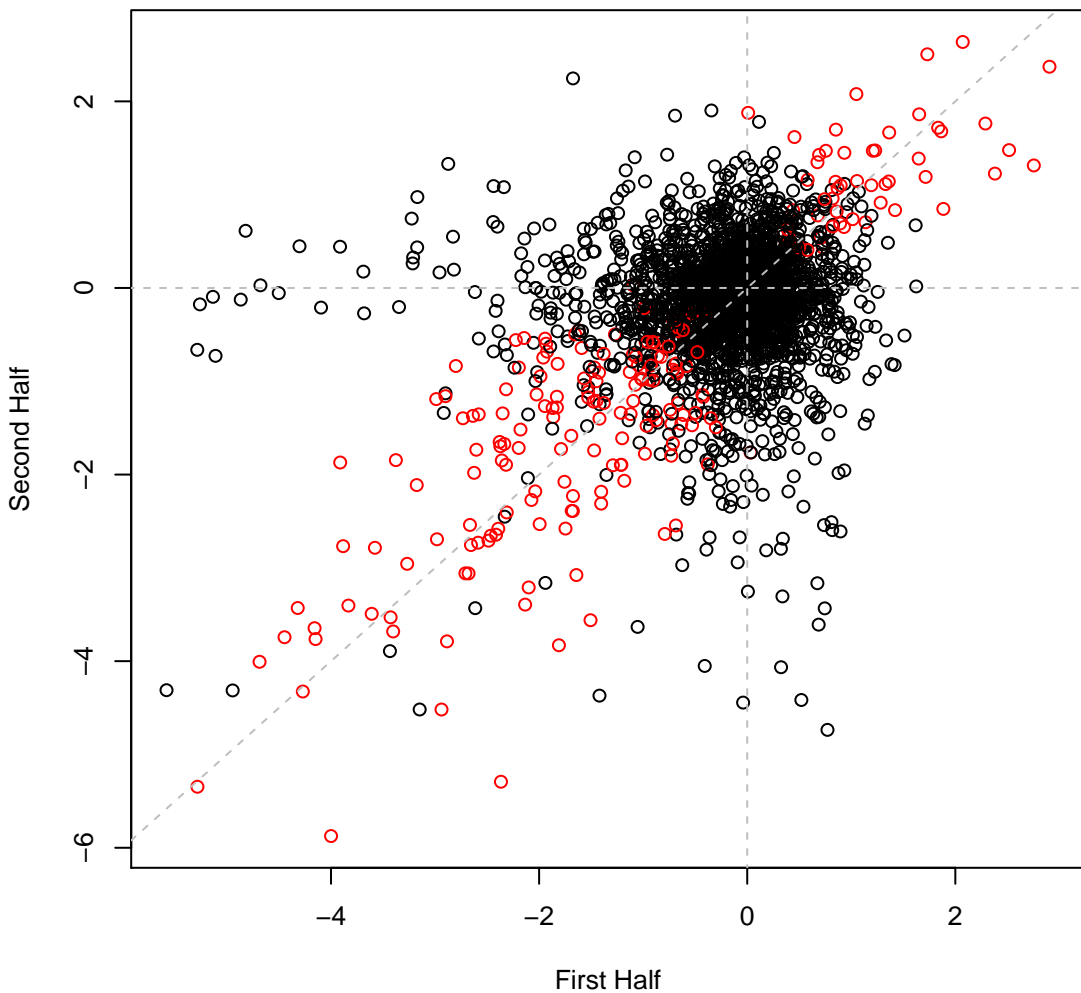


**Phaeo set4H13 #157 (gMed=195 rho12=0.214)**  
**m.b. Chloride 600 mM**



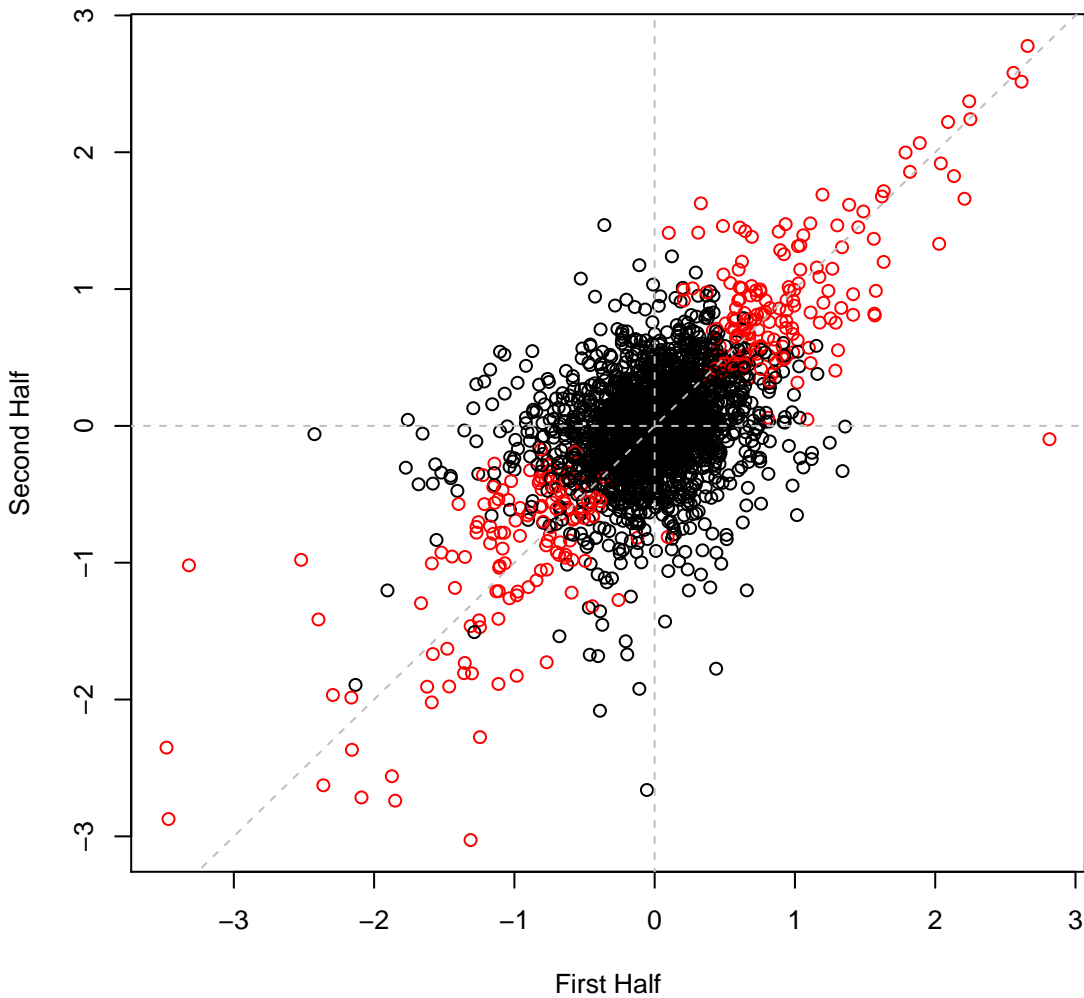
**Phaeo set4H14 #158 (gMed=137 rho12=0.241)**

**m.b. Benzethonium chloride 0.025 mM**

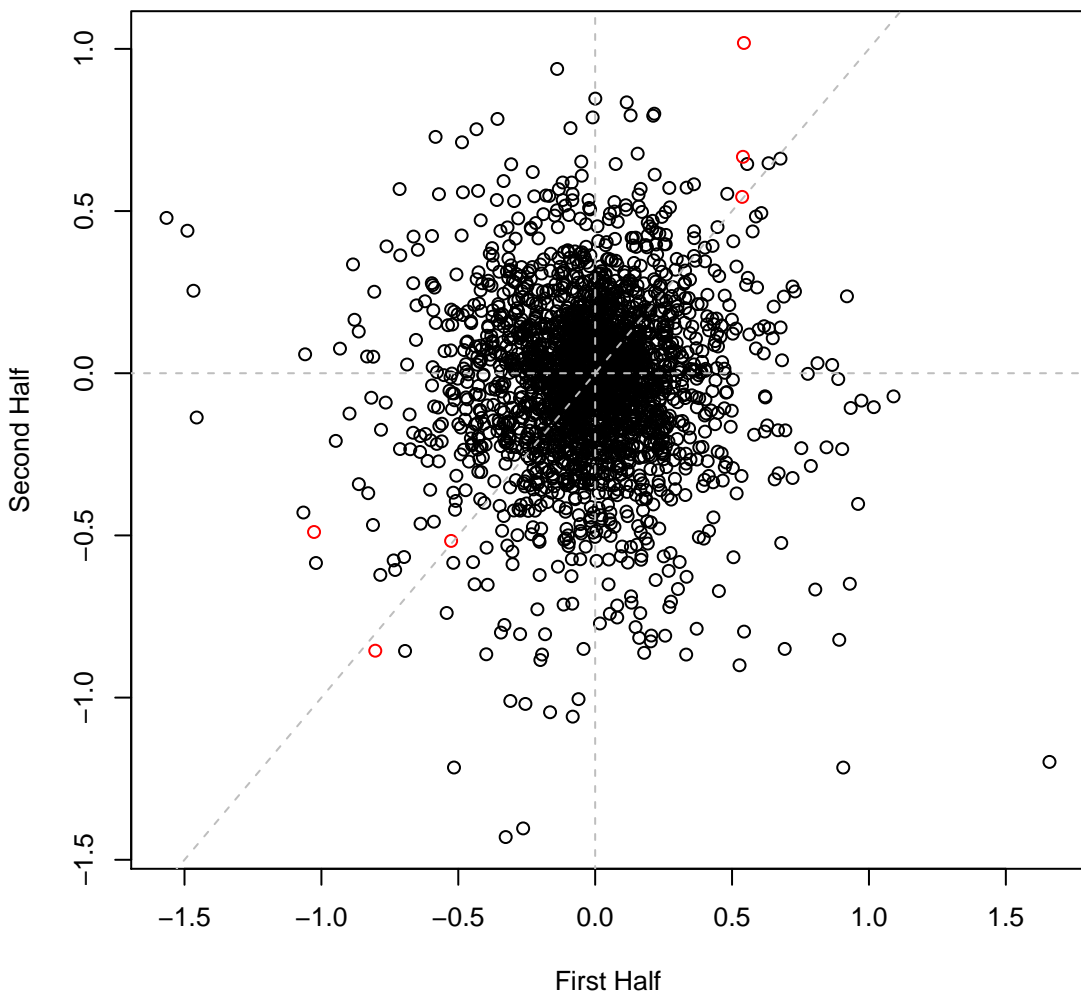


**Phaeo set4H15 #159 (gMed=150 rho12=0.473)**

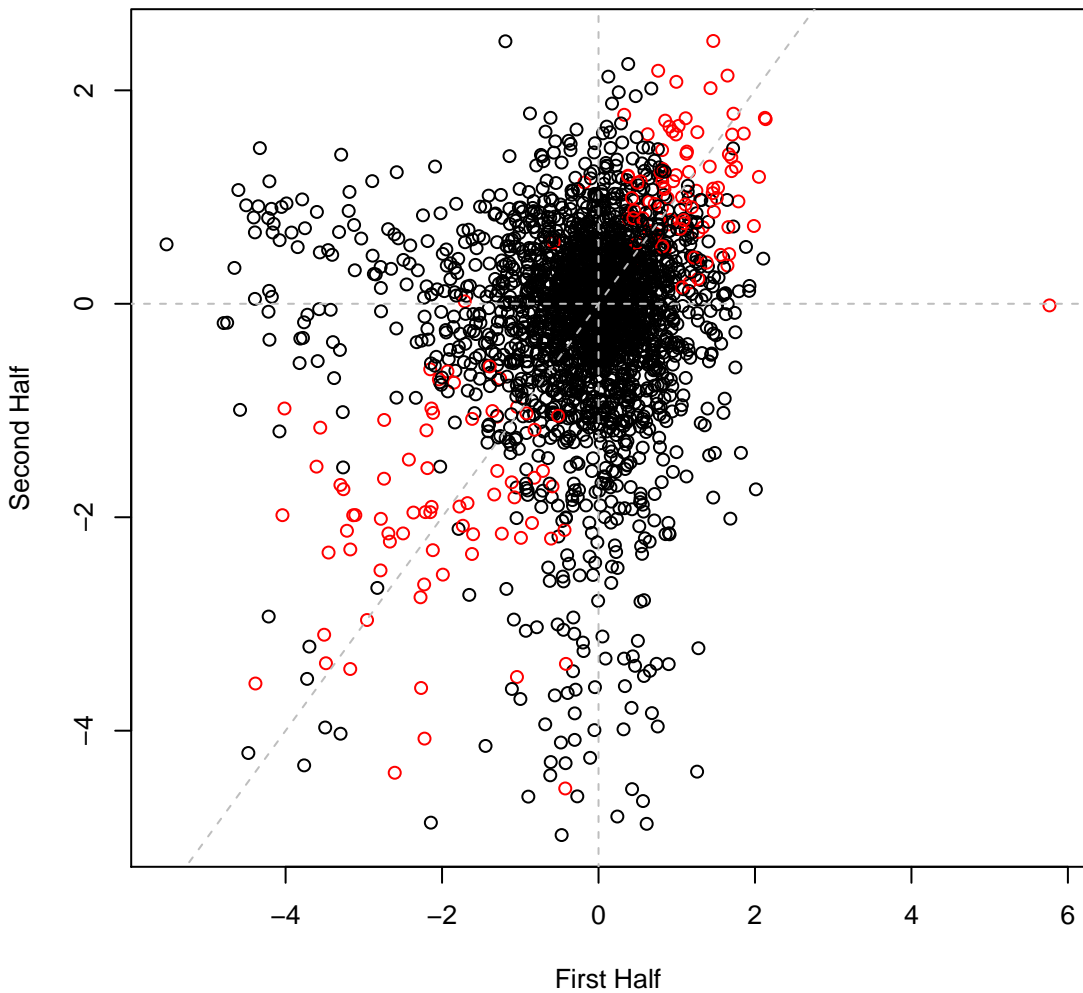
**m.b. Cephalothin 0.0001 mg/ml**



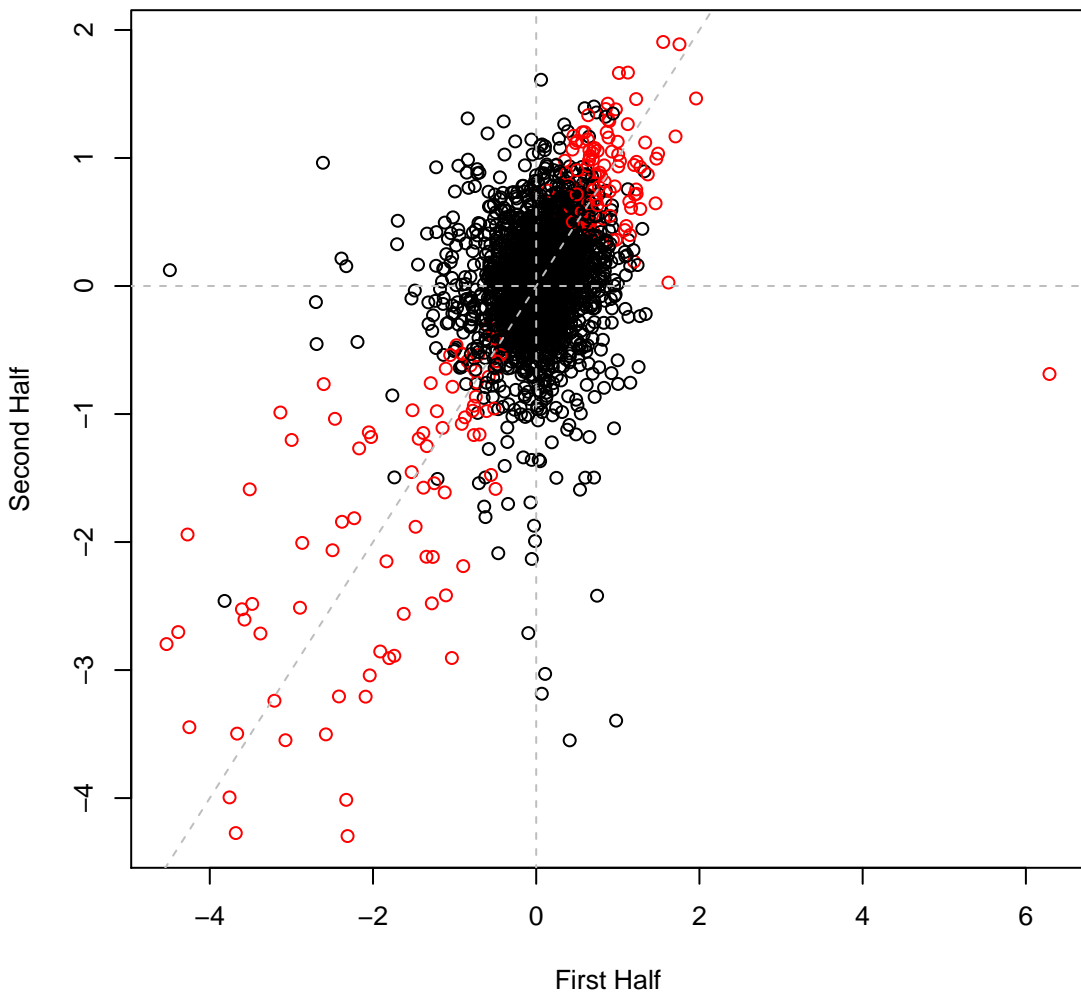
**Phaeo set4H16 #160 (gMed=202 rho12=0.030)**  
**marine broth**



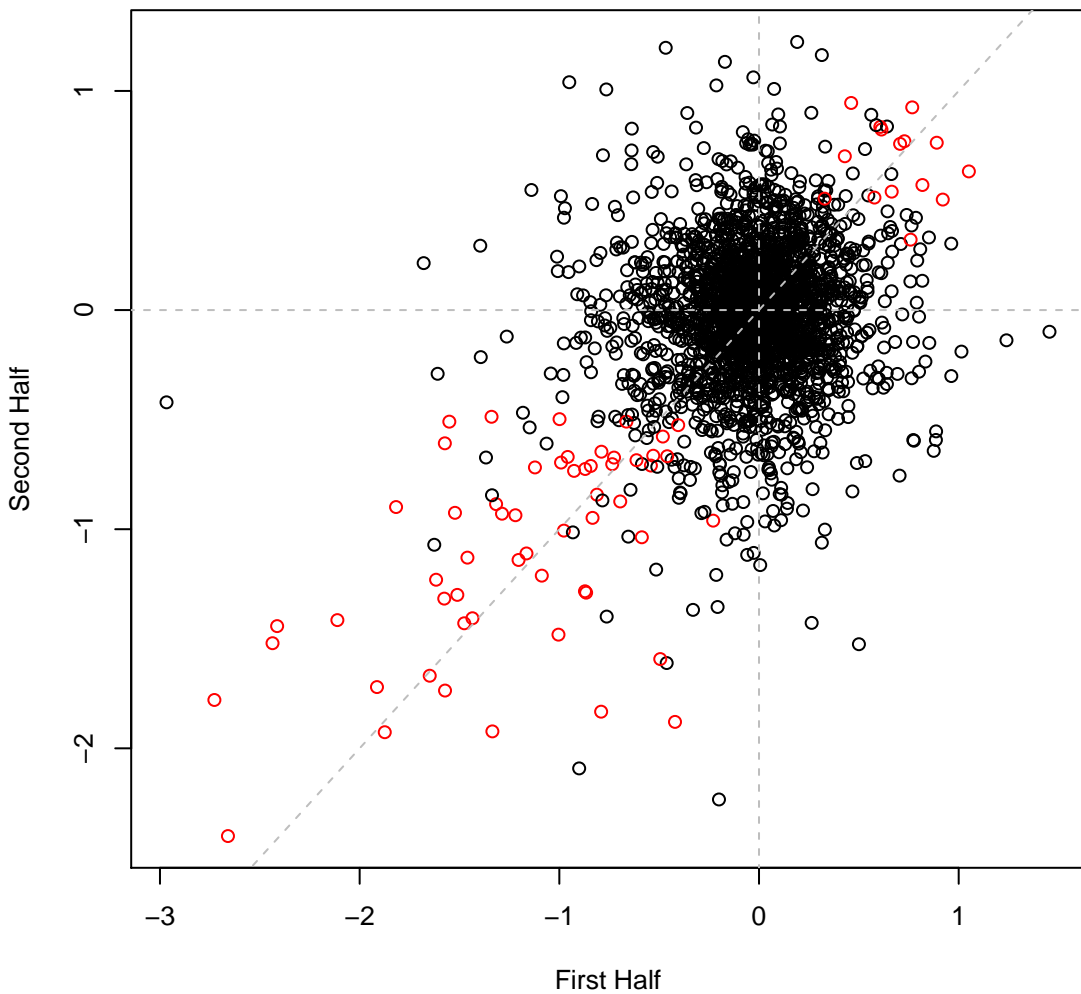
**Phaeo set4H17 #161 (gMed=110 rho12=0.153)**  
**marine broth**



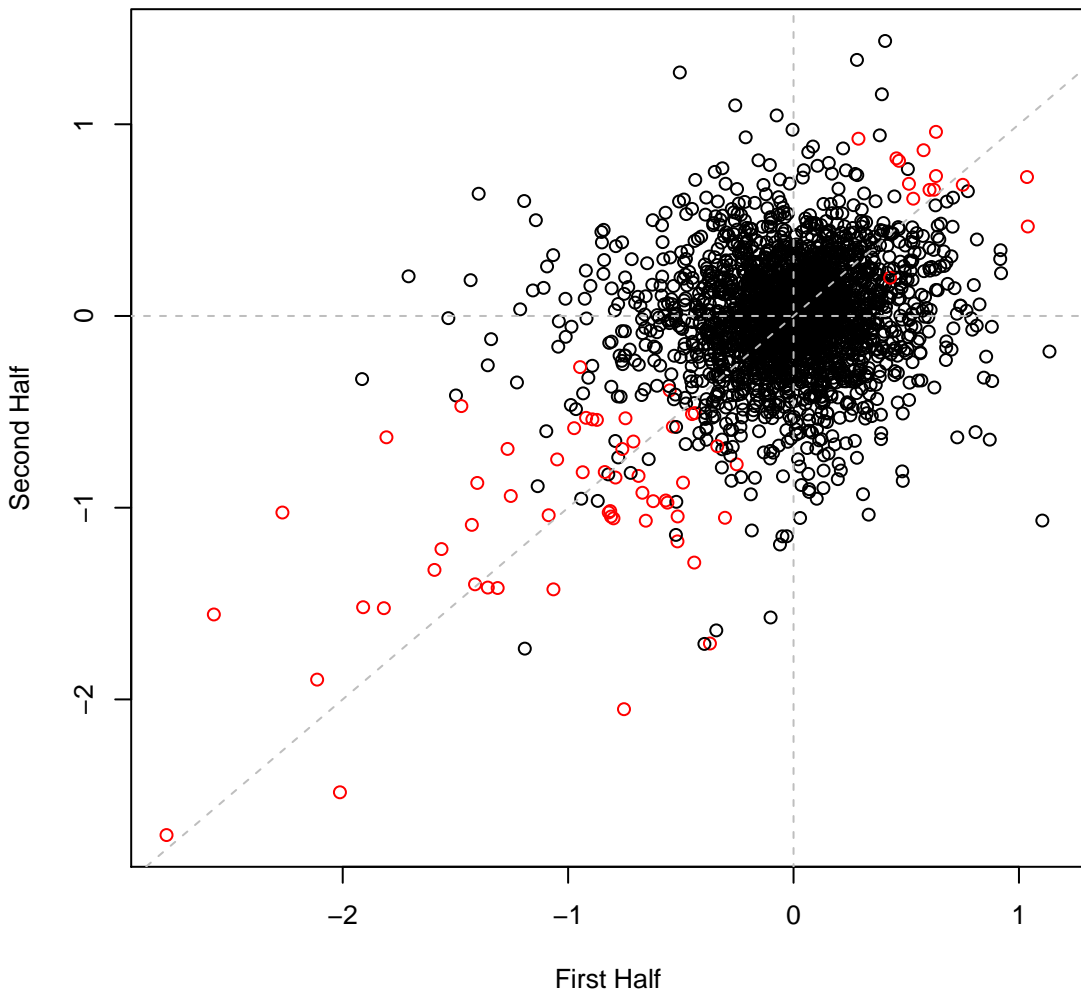
**Phaeo set4H18 #162 (gMed=210 rho12=0.349)**  
**marine broth**



**Phaeo set4H19 #163 (gMed=199 rho12=0.144)**  
**marine broth pH6.5**

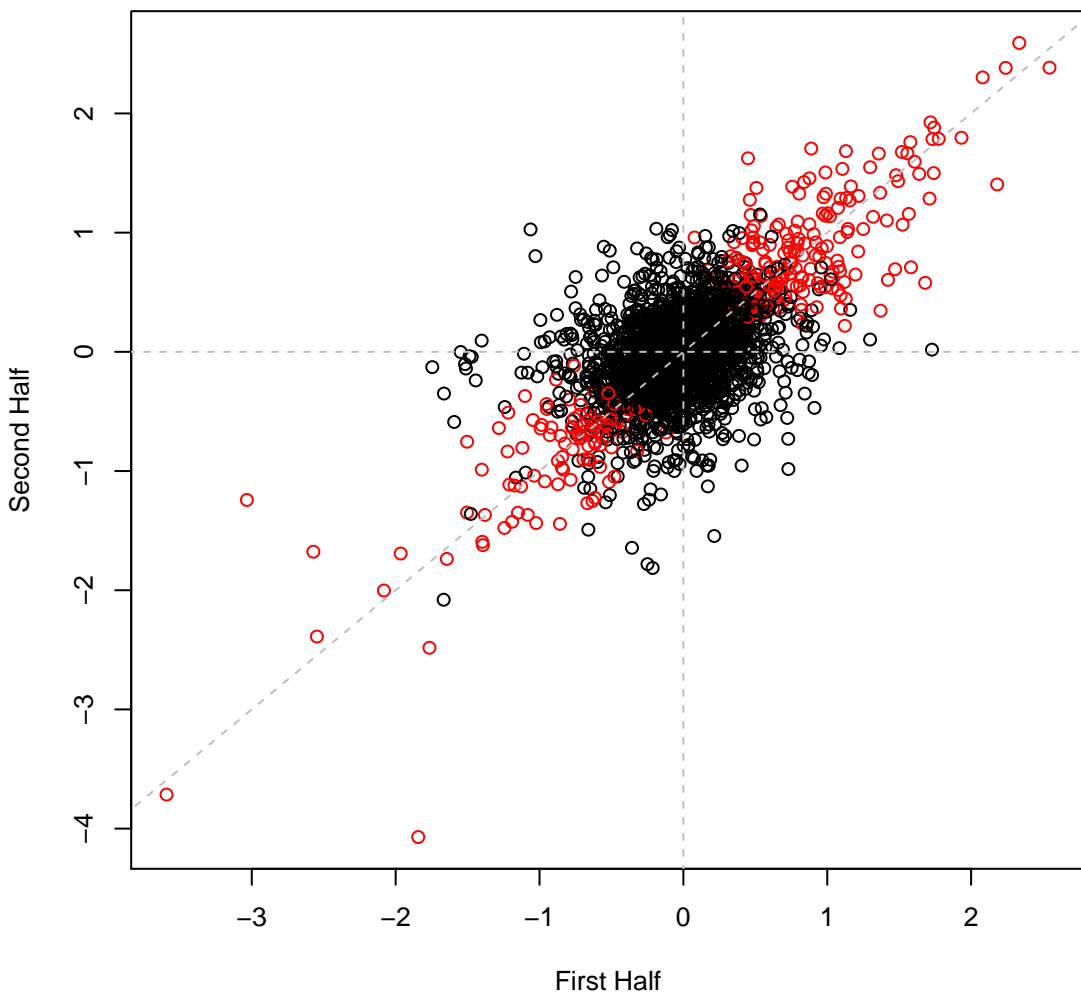


**Phaeo set4H2O #164 (gMed=202 rho12=0.173)**  
**marine broth pH6.5**

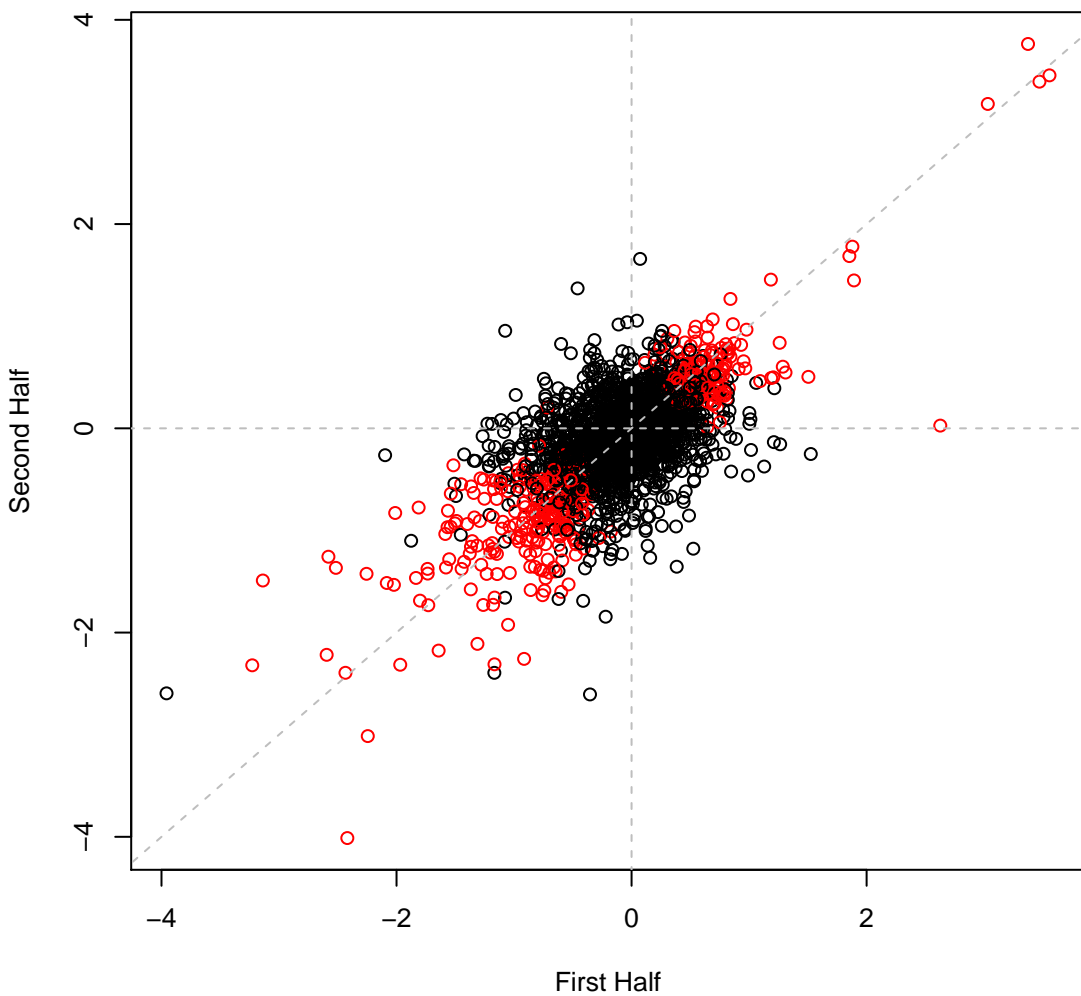




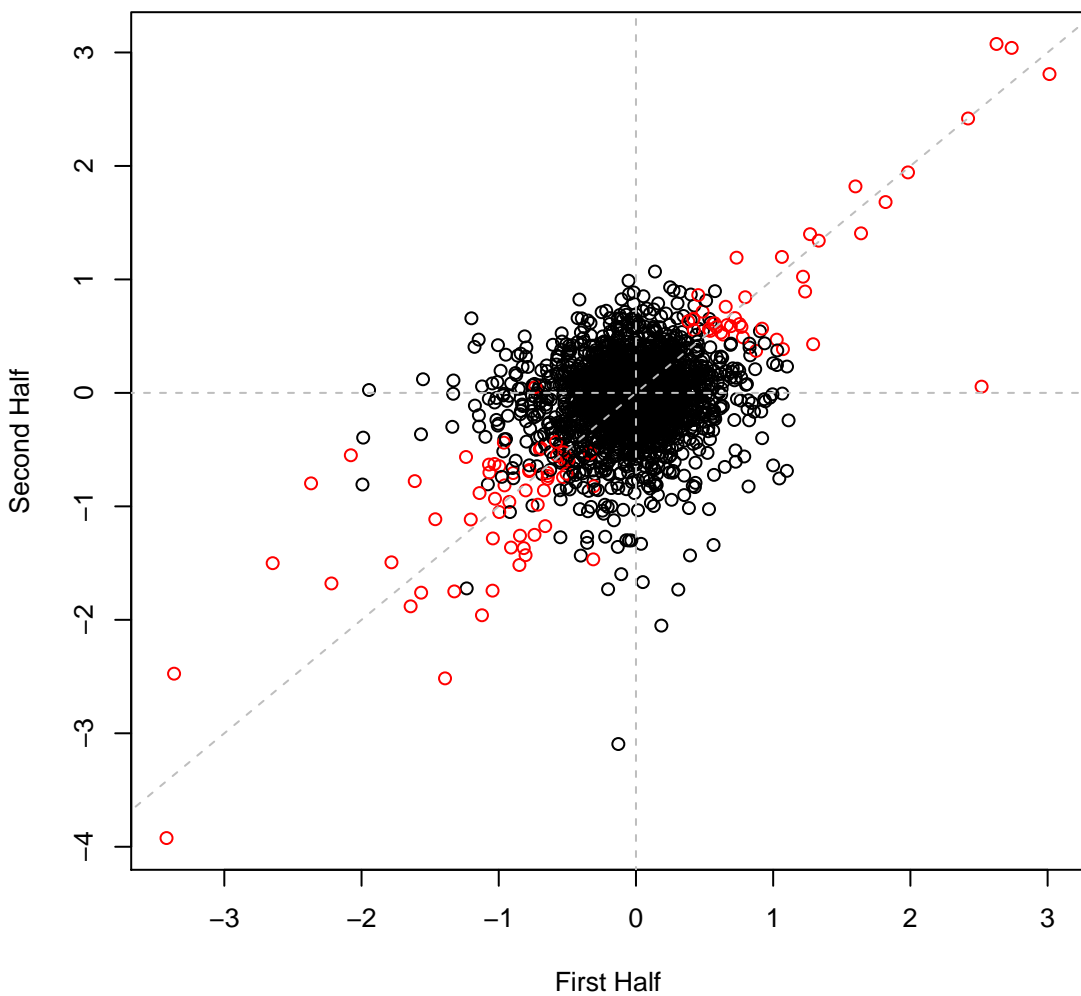
**Phaeo set4H21 #165 (gMed=170 rho12=0.498)**  
**marine broth pH7**



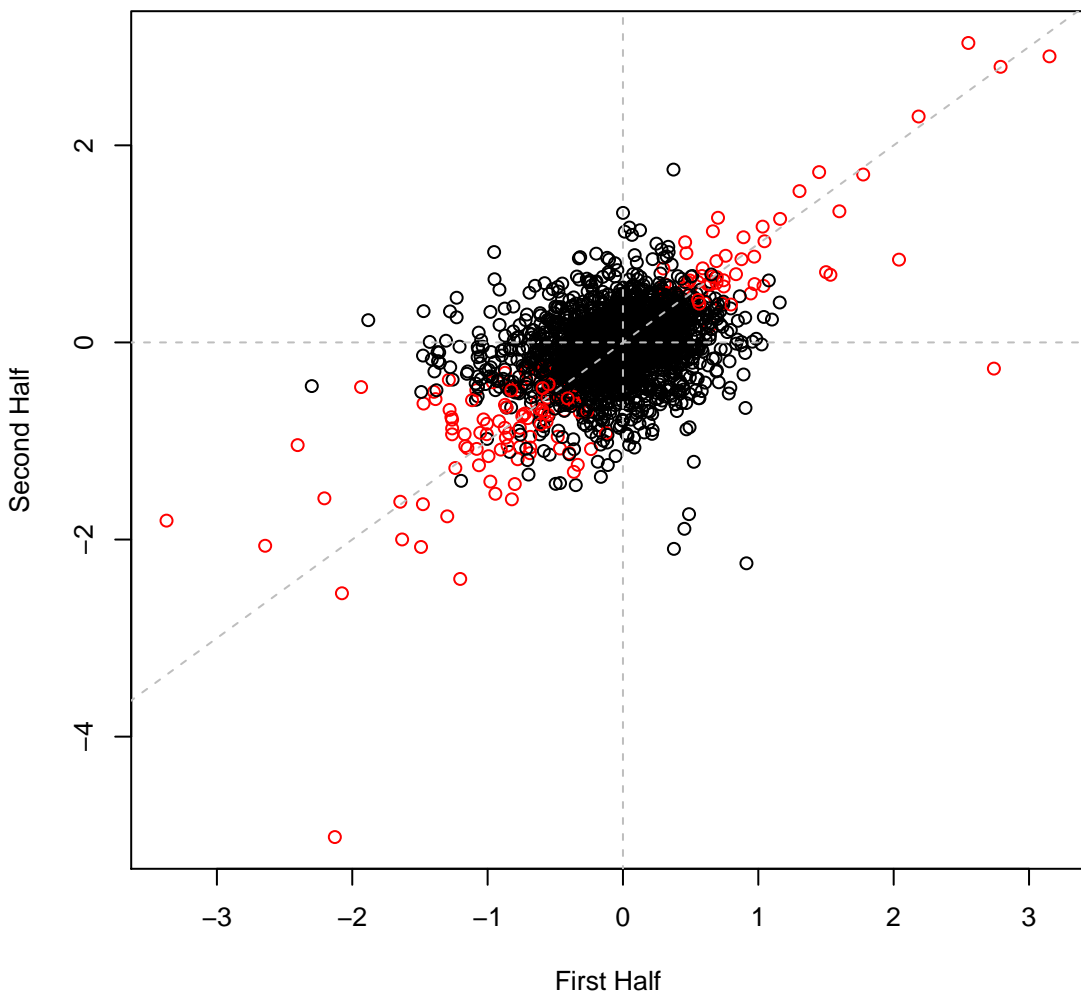
**Phaeo set4H22 #166 (gMed=203 rho12=0.609)**  
**marine broth pH7**



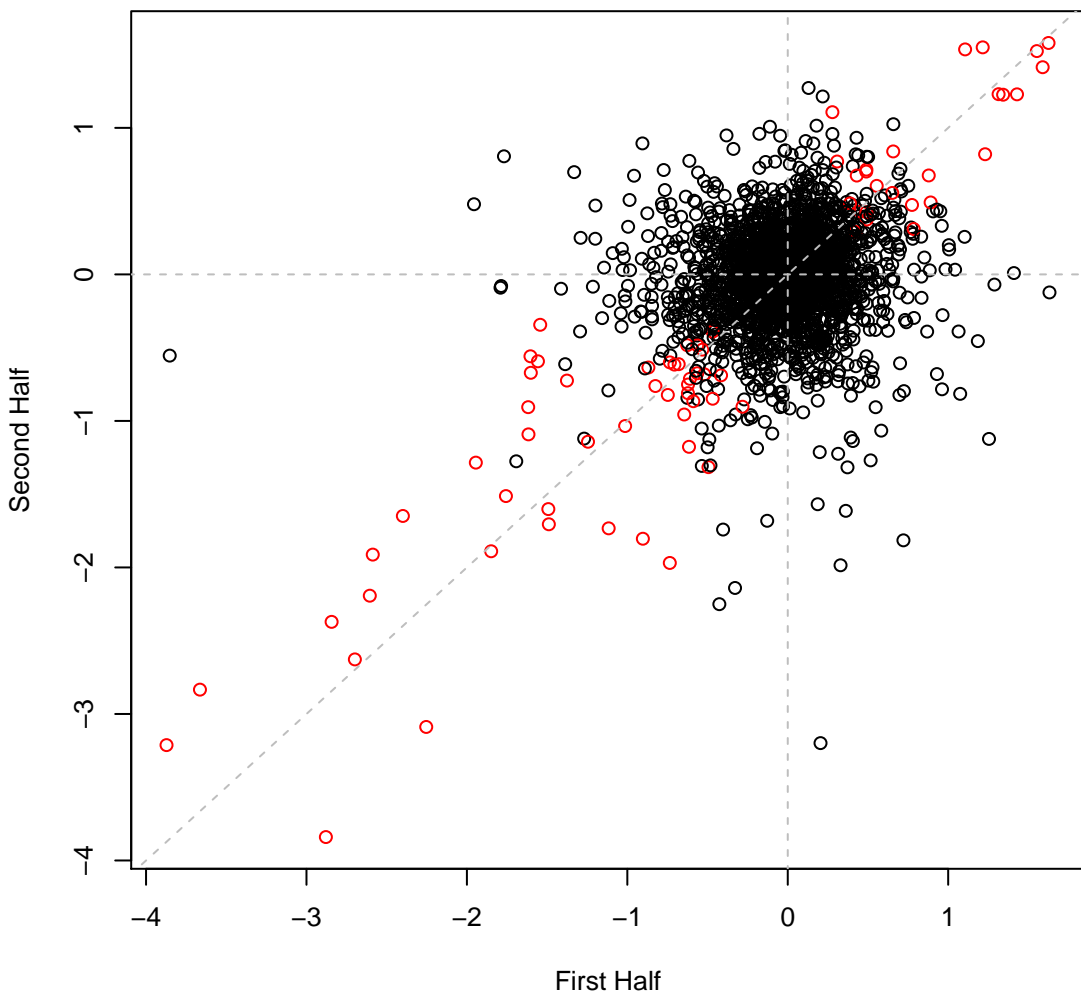
**Phaeo set4H23 #167 (gMed=193 rho12=0.208)**  
**marine broth pH8**



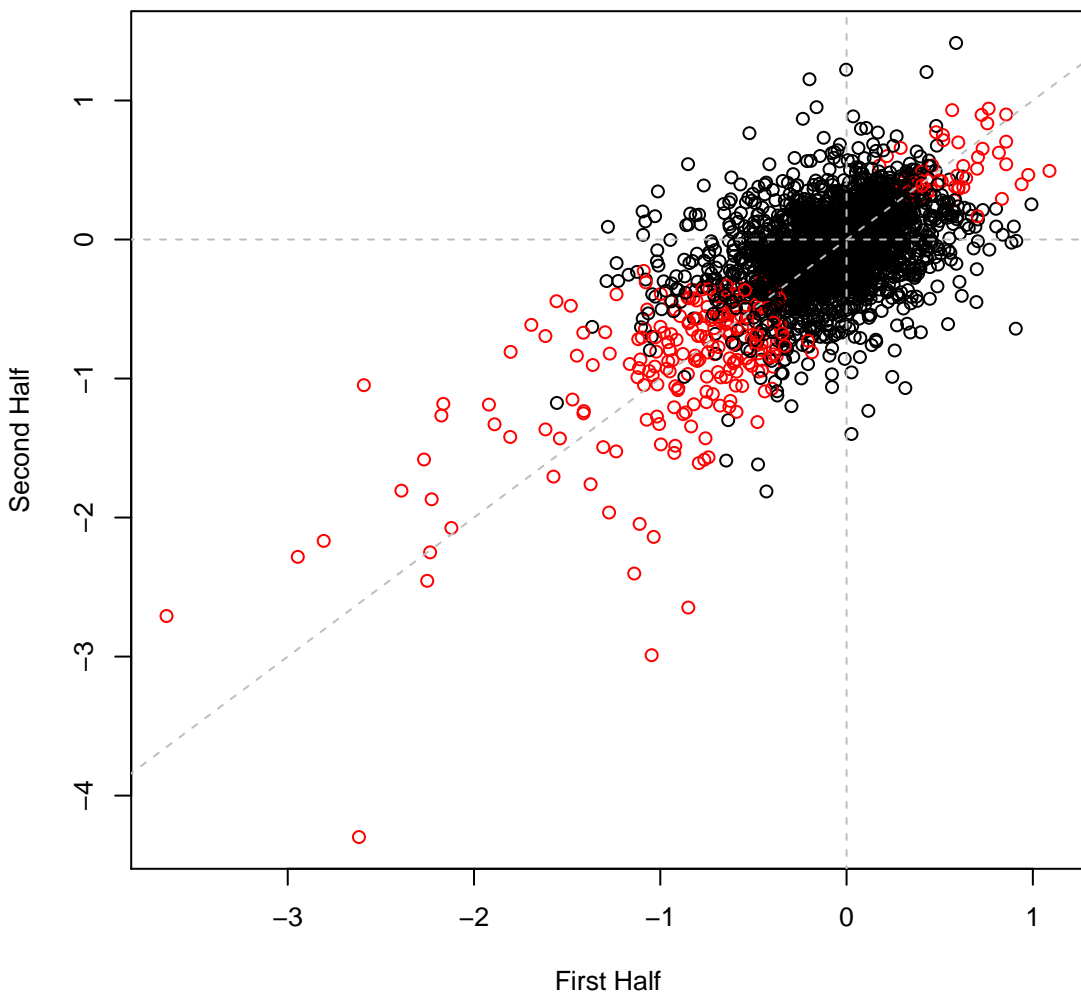
**Phaeo set4H24 #168 (gMed=174 rho12=0.387)**  
**marine broth pH8**



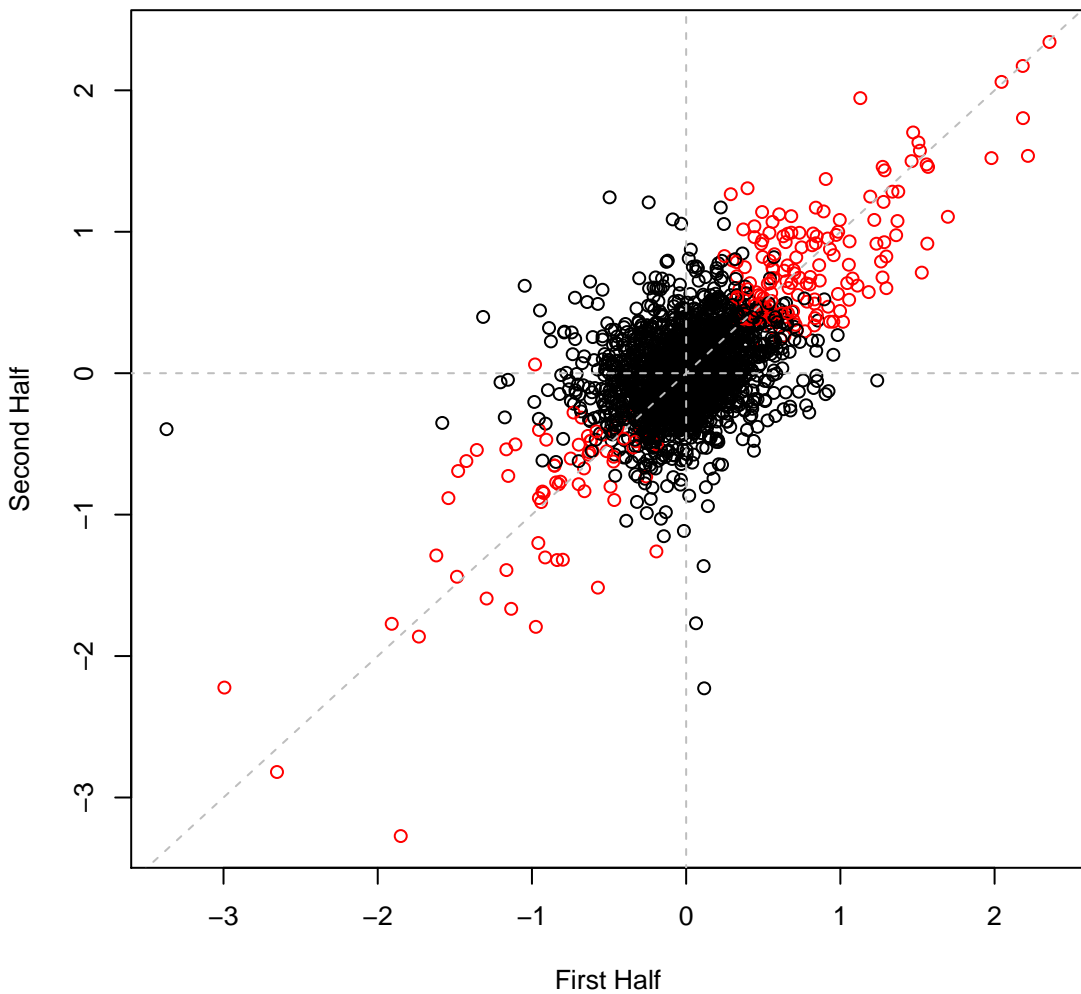
**Phaeo set4H25 #169 (gMed=201 rho12=0.190)**  
**marine broth pH9**



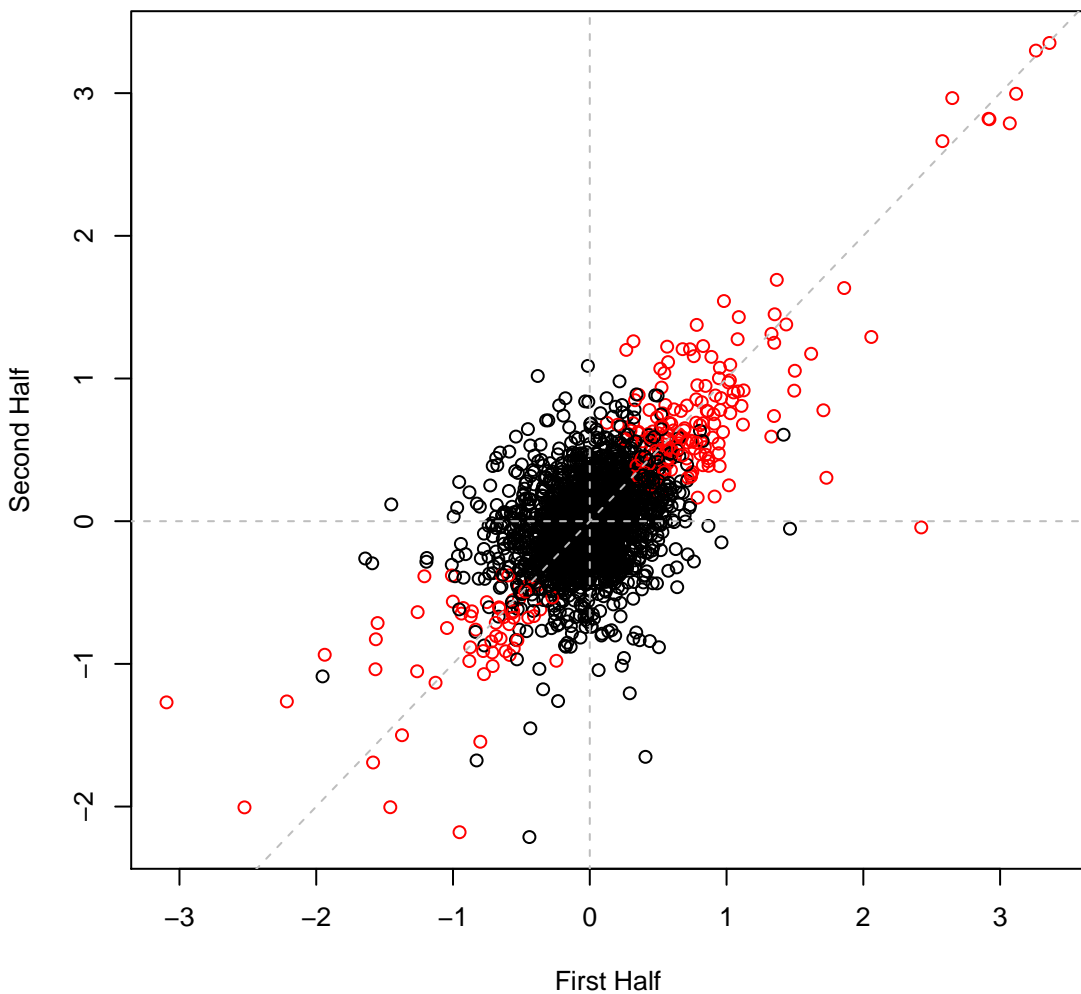
**Phaeo set4H26 #170 (gMed=251 rho12=0.536)**  
**marine broth pH9**



**Phaeo set4H27 #171 (gMed=192 rho12=0.471)**  
**marine broth tube 10C sample1**

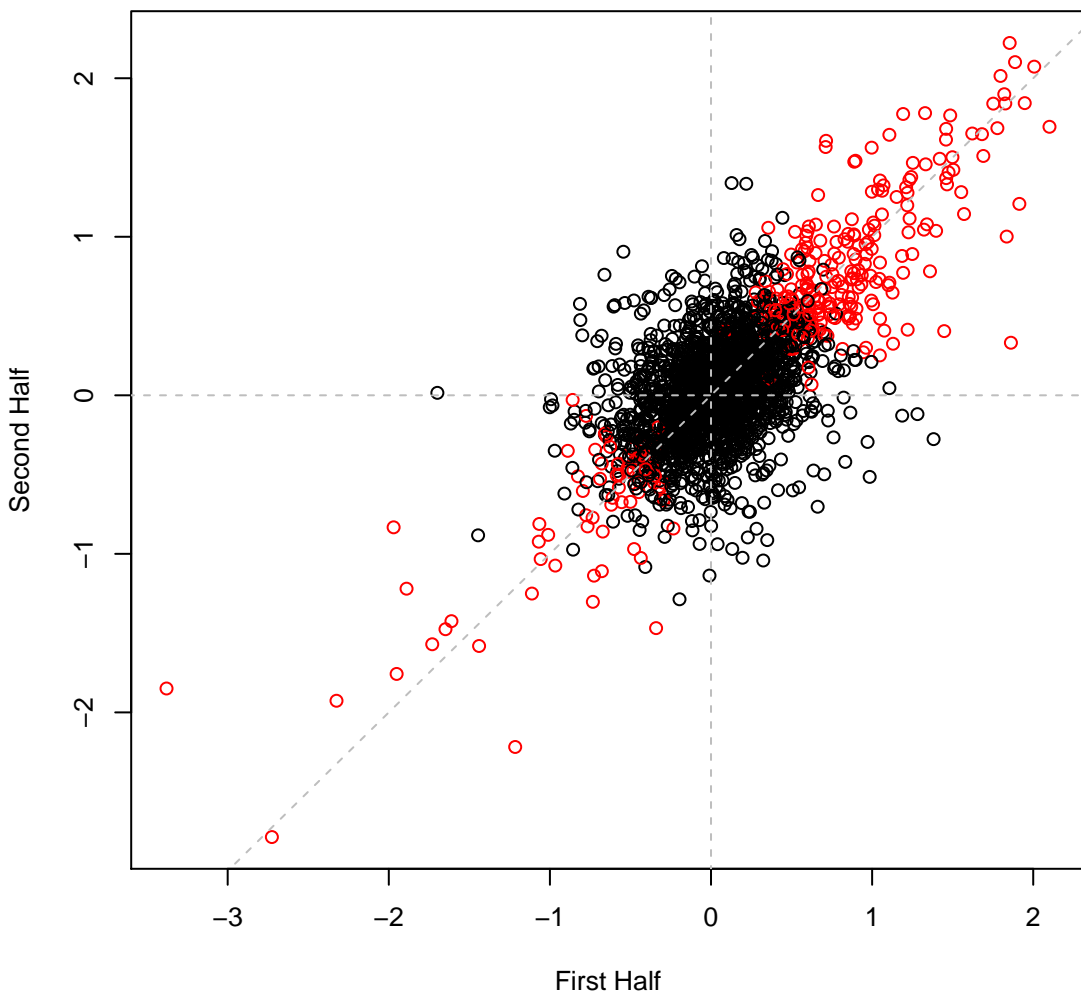


**Phaeo set4H28 #172 (gMed=167 rho12=0.460)**  
**marine broth tube 10C sample2**

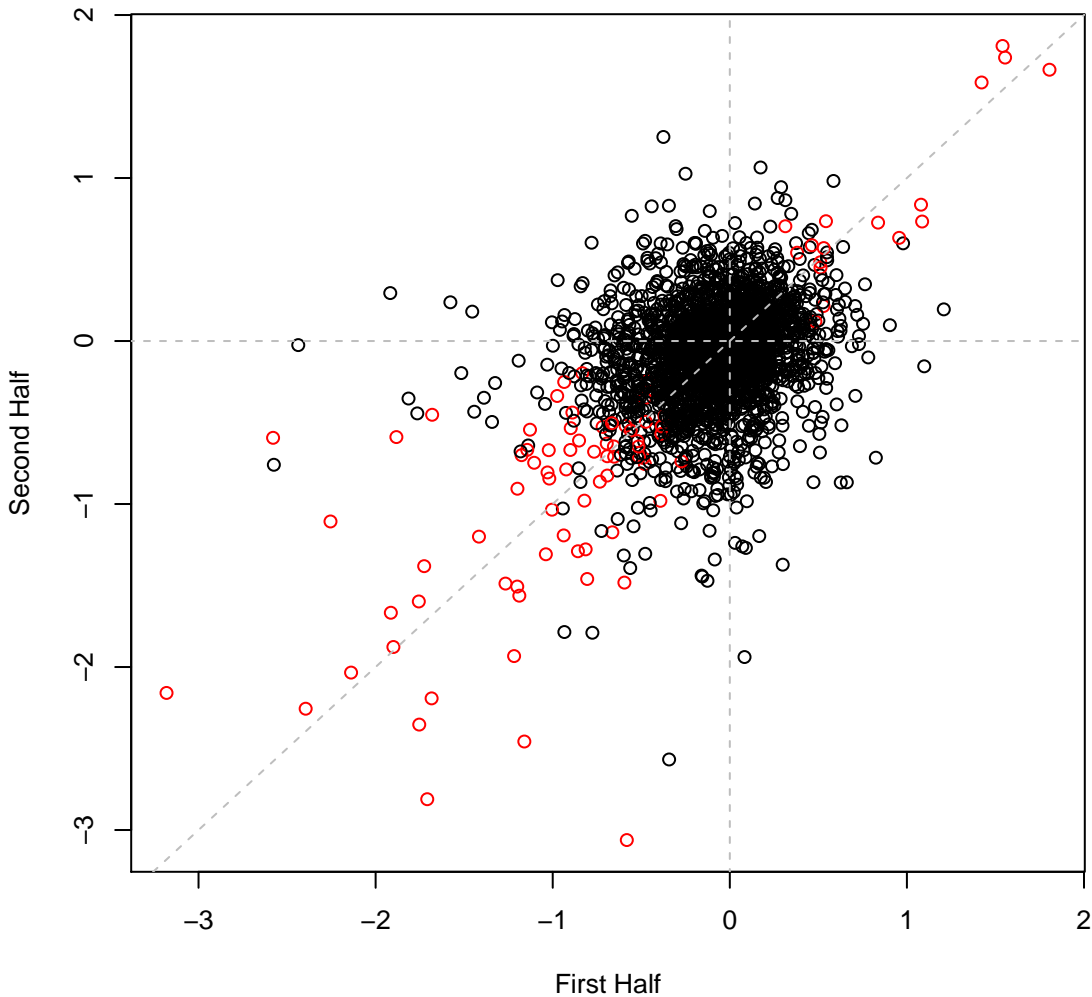




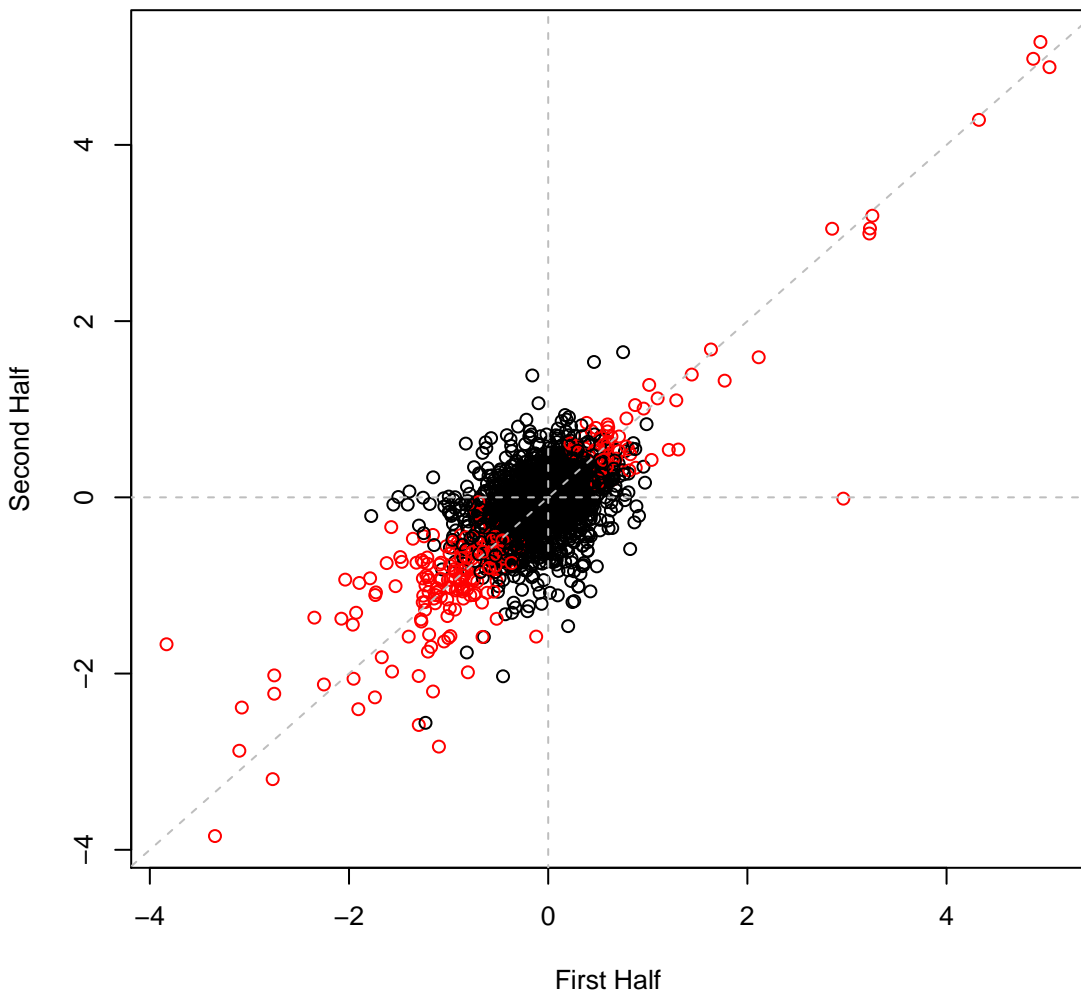
**Phaeo set4H29 #173 (gMed=174 rho12=0.551)**  
**marine broth tube 15C sample1**



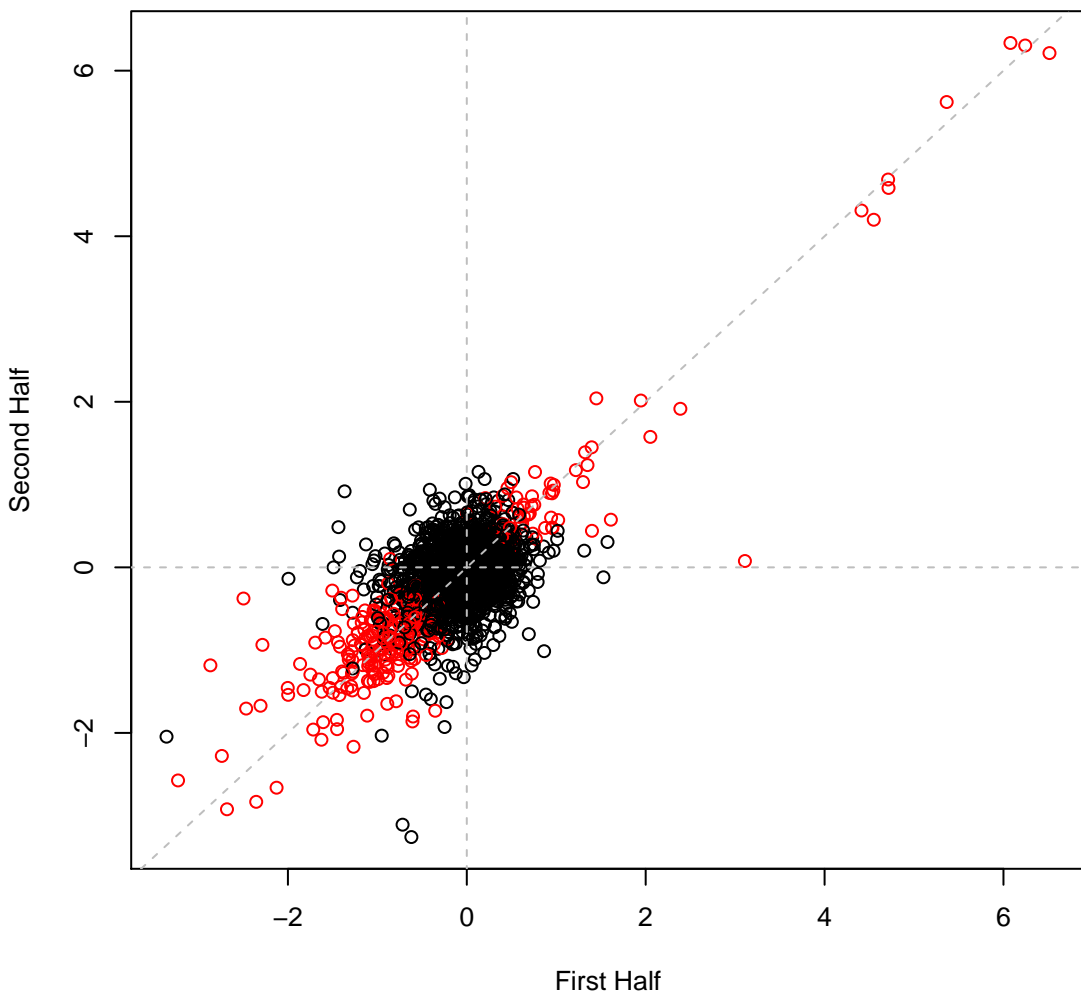
**Phaeo set4H30 #174 (gMed=171 rho12=0.302)**  
**marine broth tube 15C sample2**



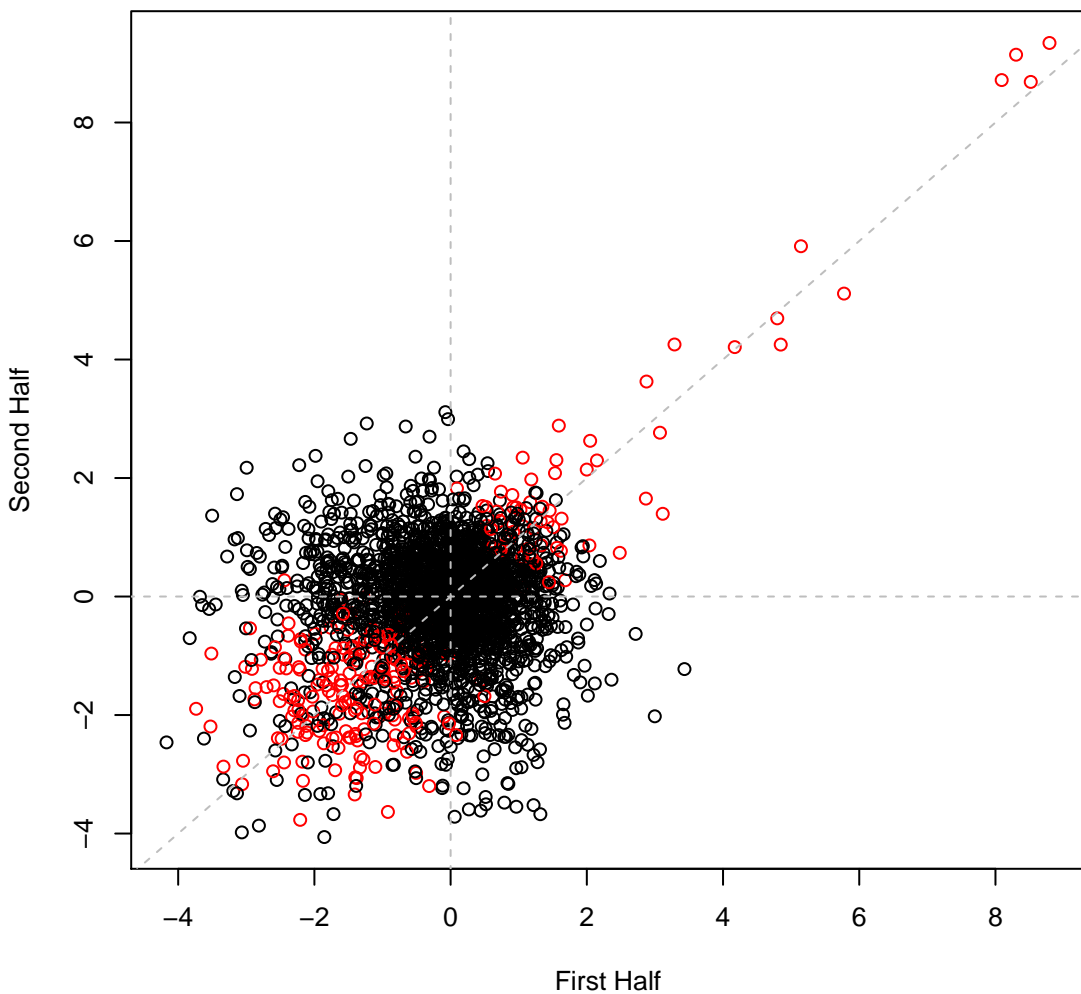
**Phaeo set4H31 #175 (gMed=159 rho12=0.542)**  
**marine broth tube 25C sample1**



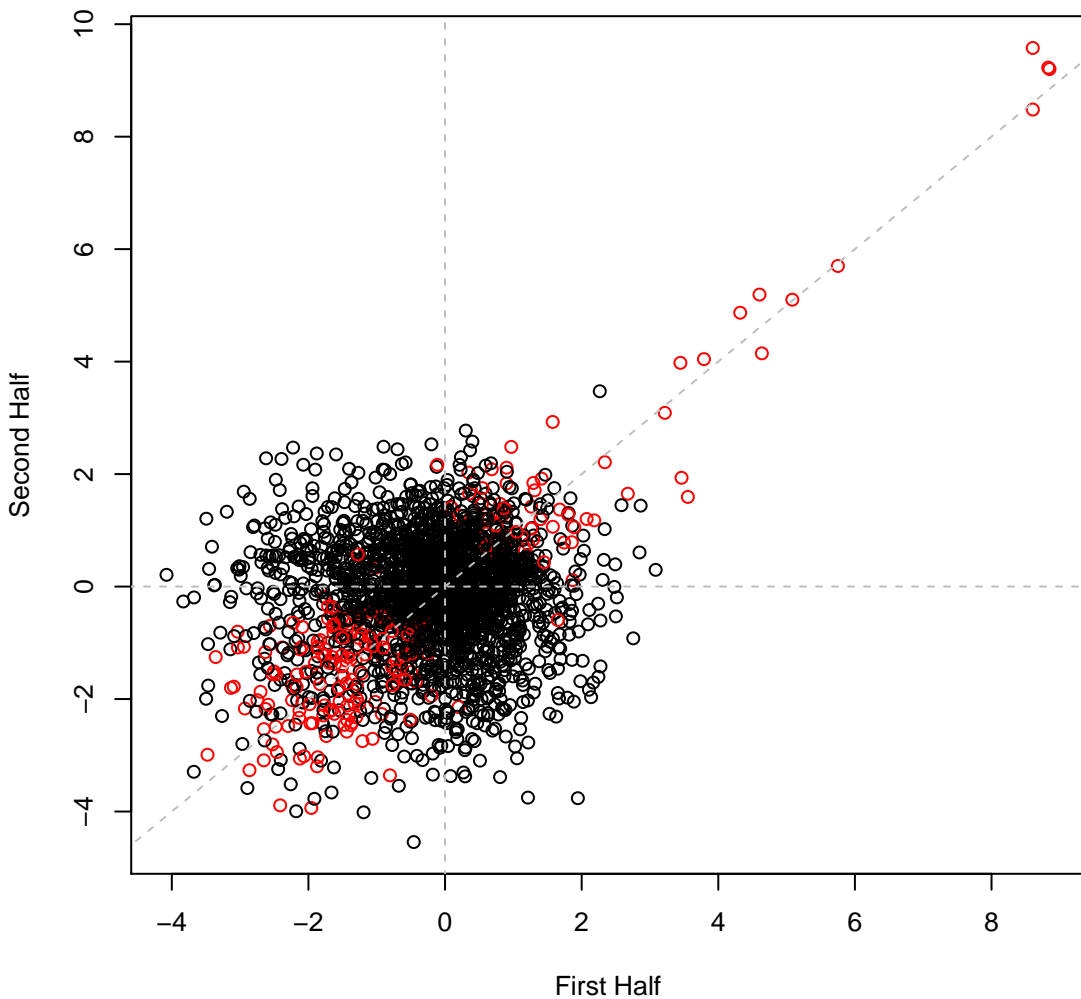
**Phaeo set4H32 #176 (gMed=129 rho12=0.481)**  
**marine broth tube 25C sample2**



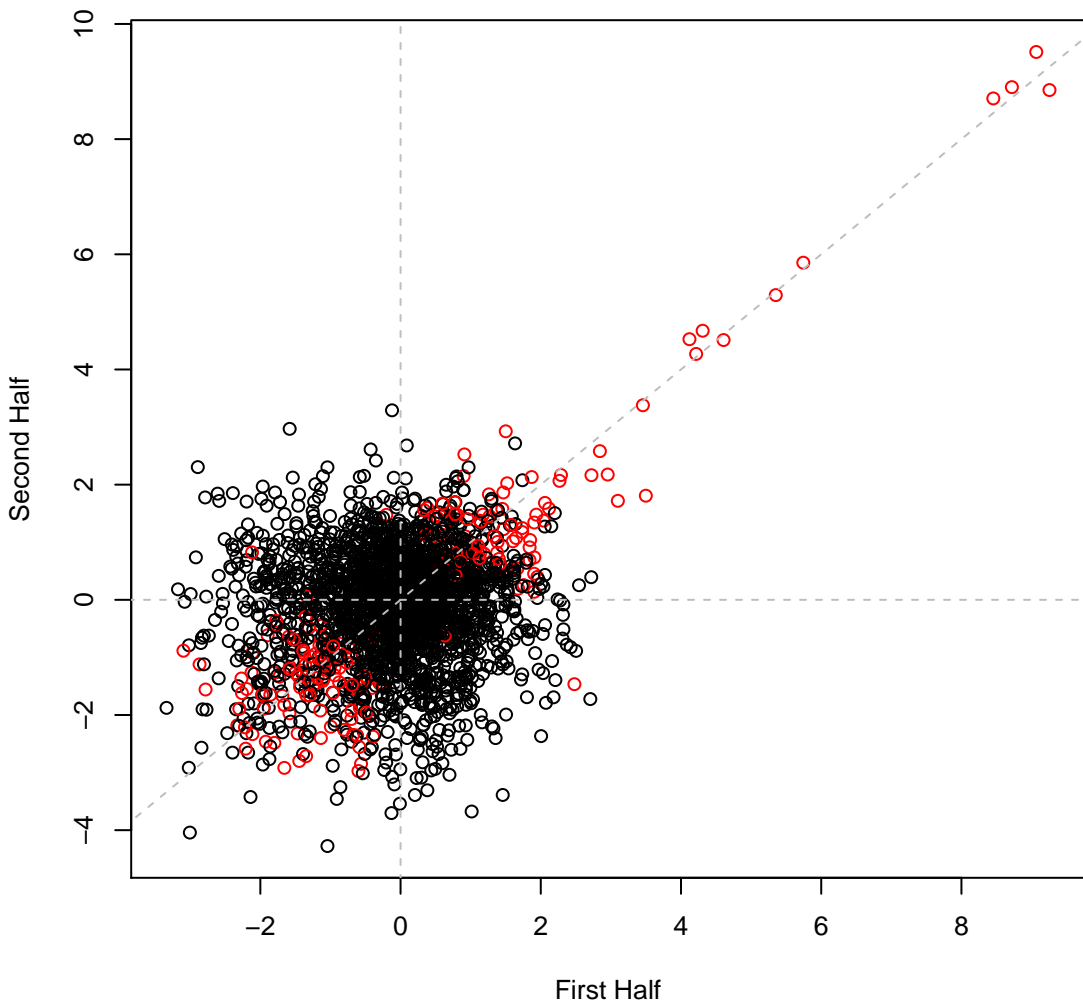
**Phaeo set4H35 #179 (gMed=69 rho12=0.137)**  
**motility inner**



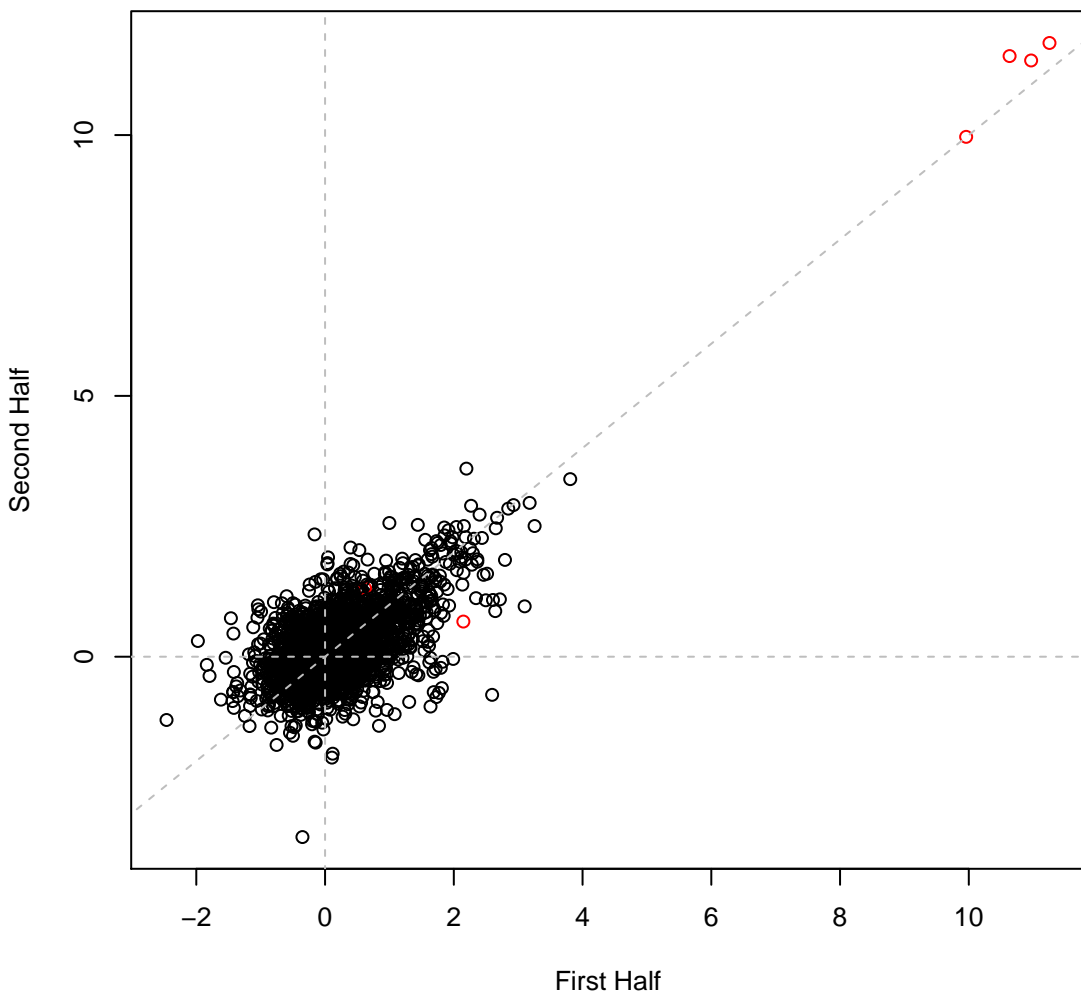
**Phaeo set4H36 #180 (gMed=67 rho12=0.132)**  
**motility inner**



**Phaeo set4H37 #181 (gMed=33 rho12=0.159)**  
**motility inner**

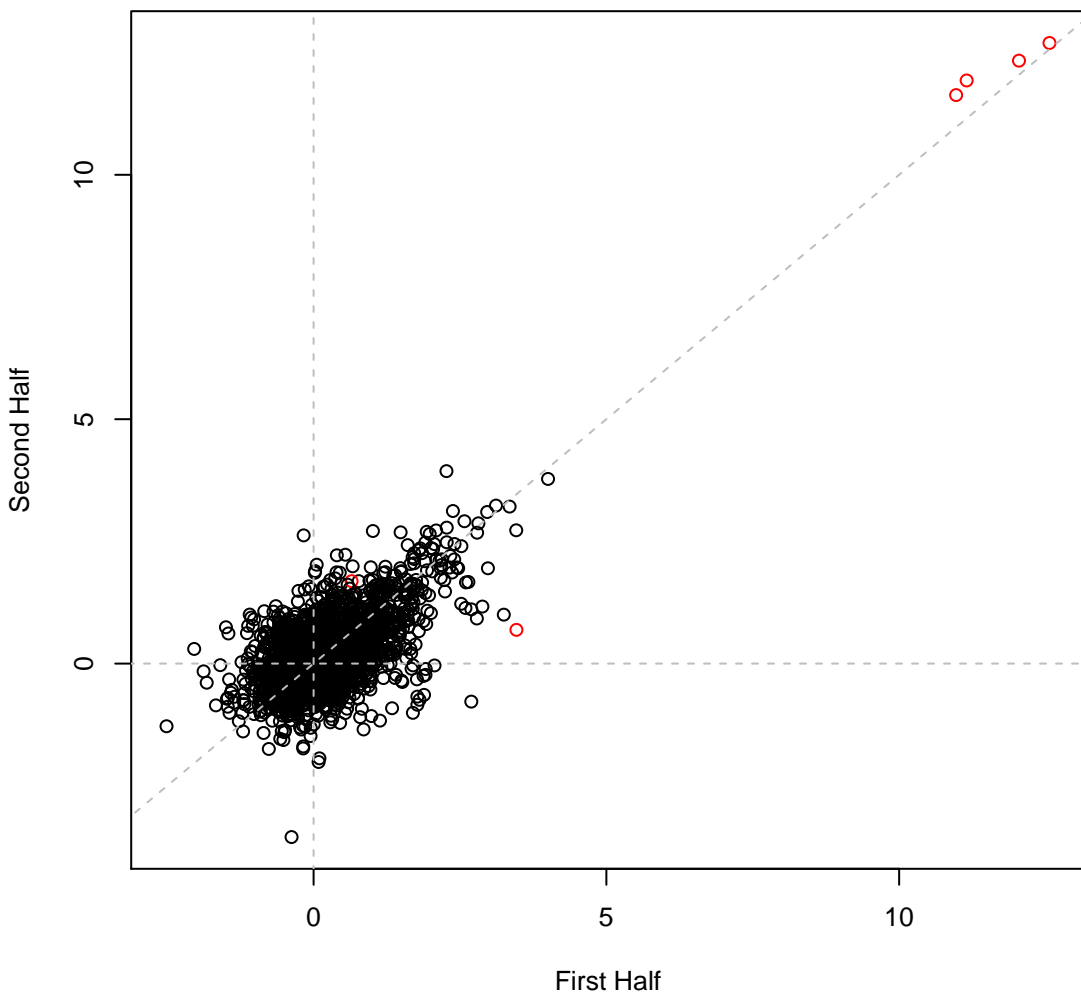


**Phaeo set4H38 #182 (gMed=0 rho12=0.471)**  
**motility outer**

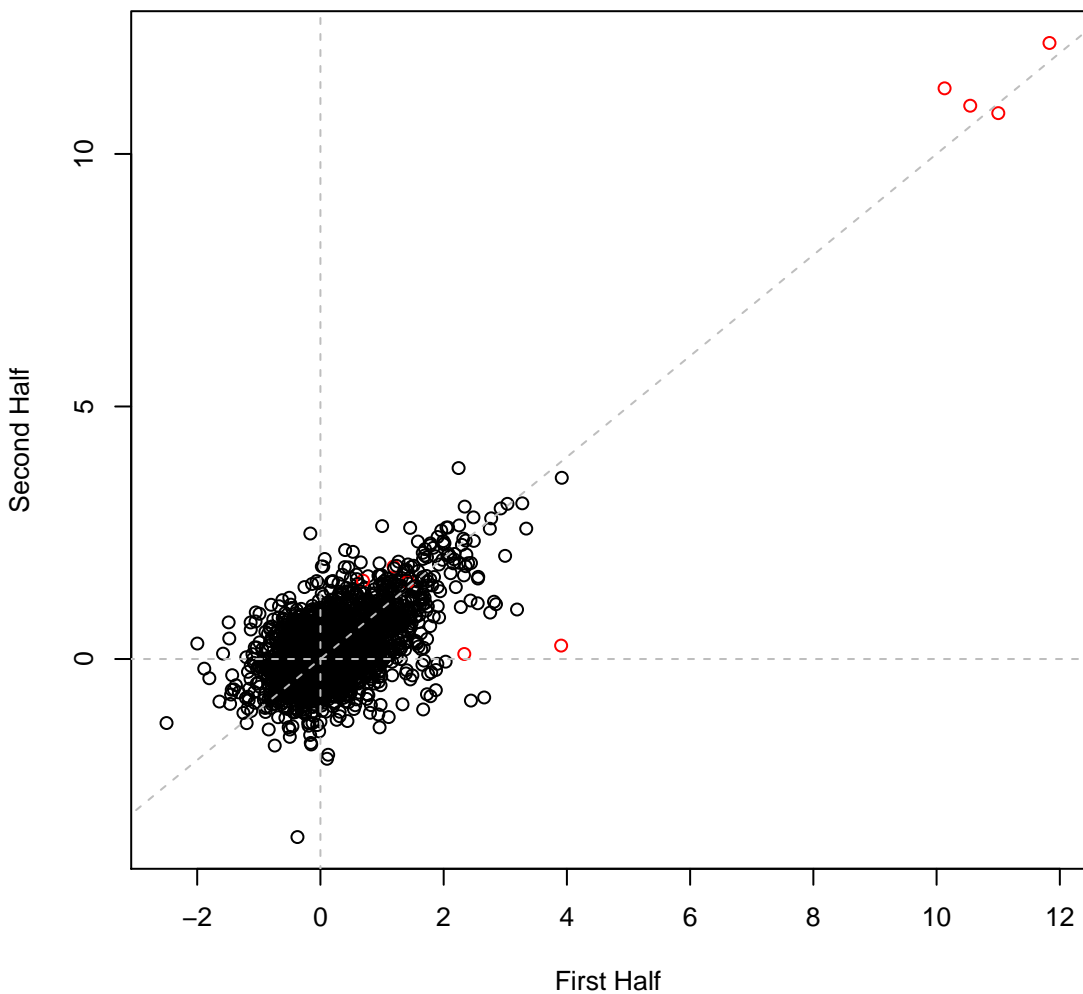




**Phaeo set4H39 #183 (gMed=0 rho12=0.470)**  
**motility outer**

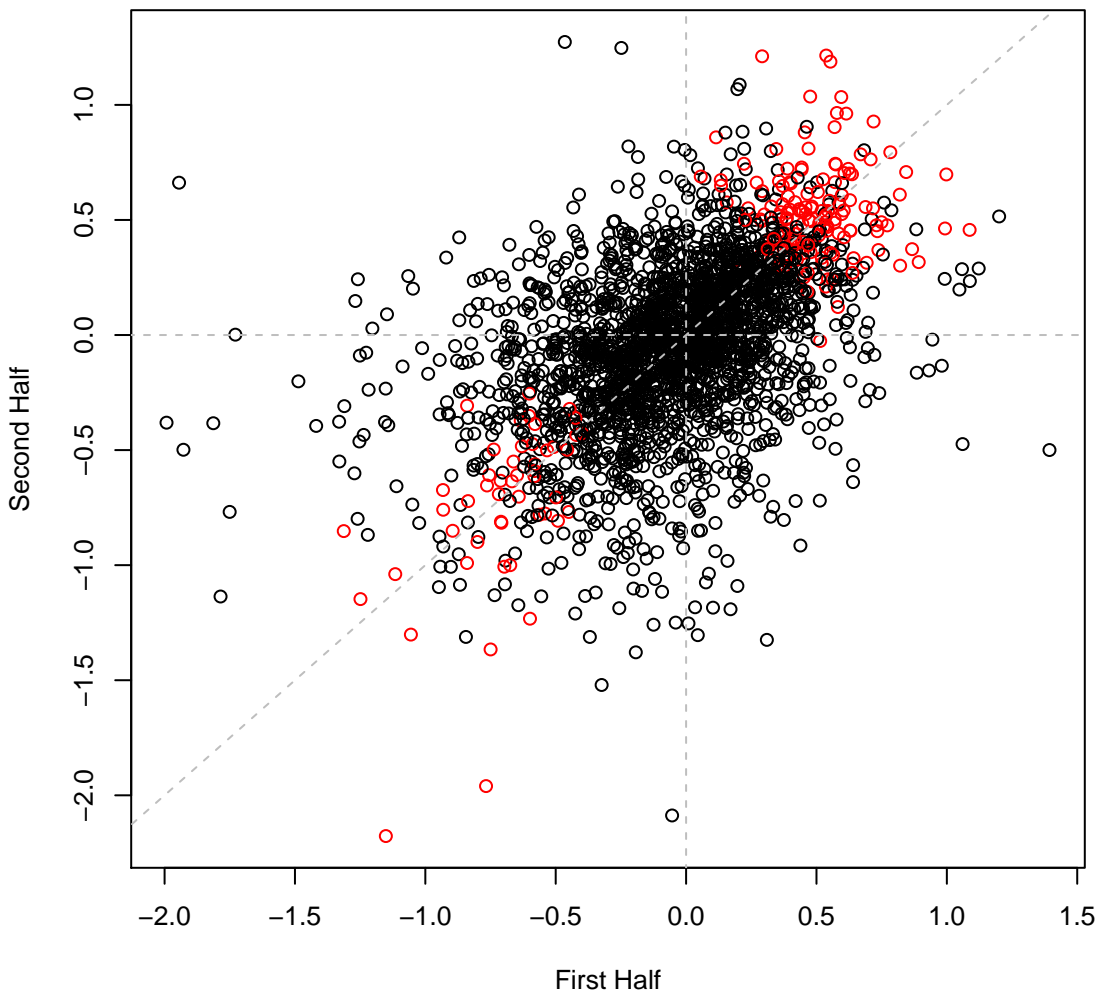


**Phaeo set4H40 #184 (gMed=0 rho12=0.461)**  
**motility outer**



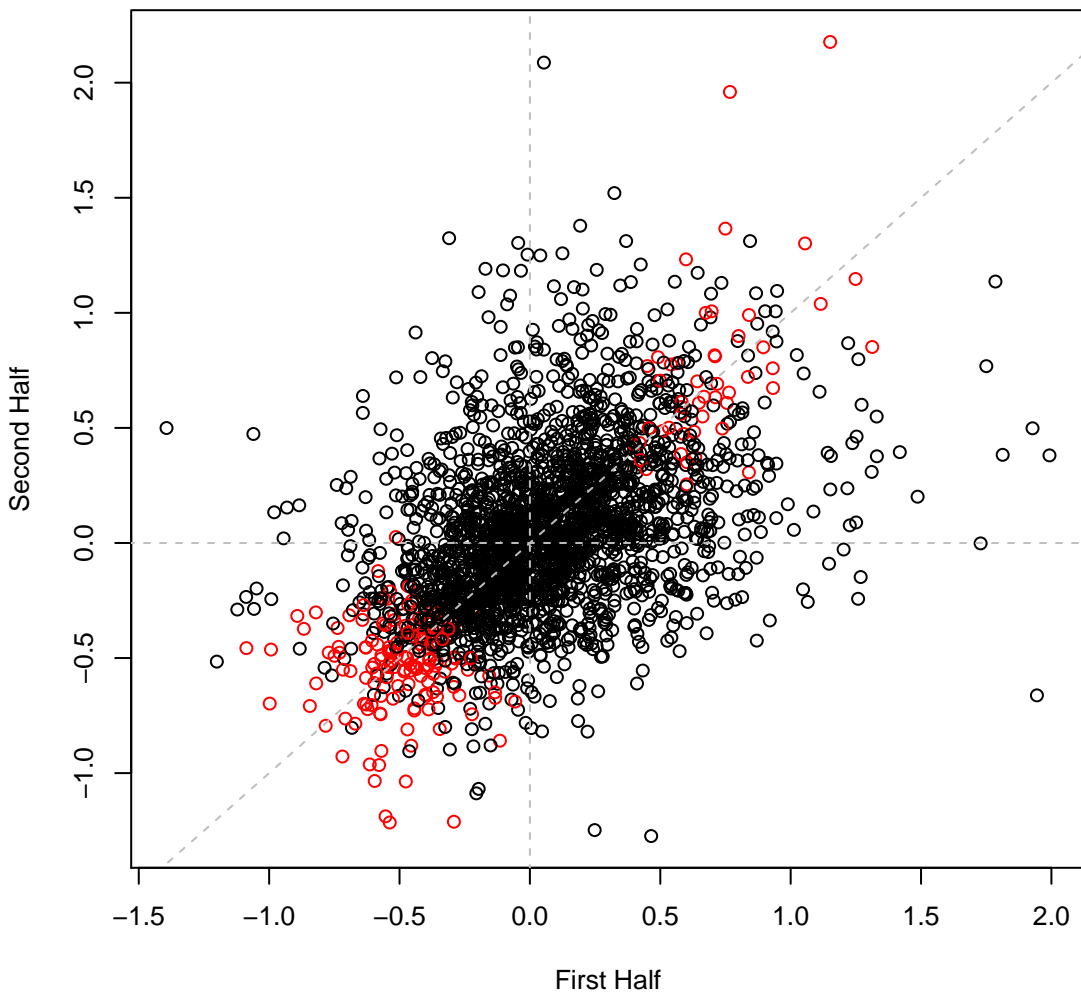
**Phaeo setAH1 #185 (gMed=115 rho12=0.507)**

**Time0**

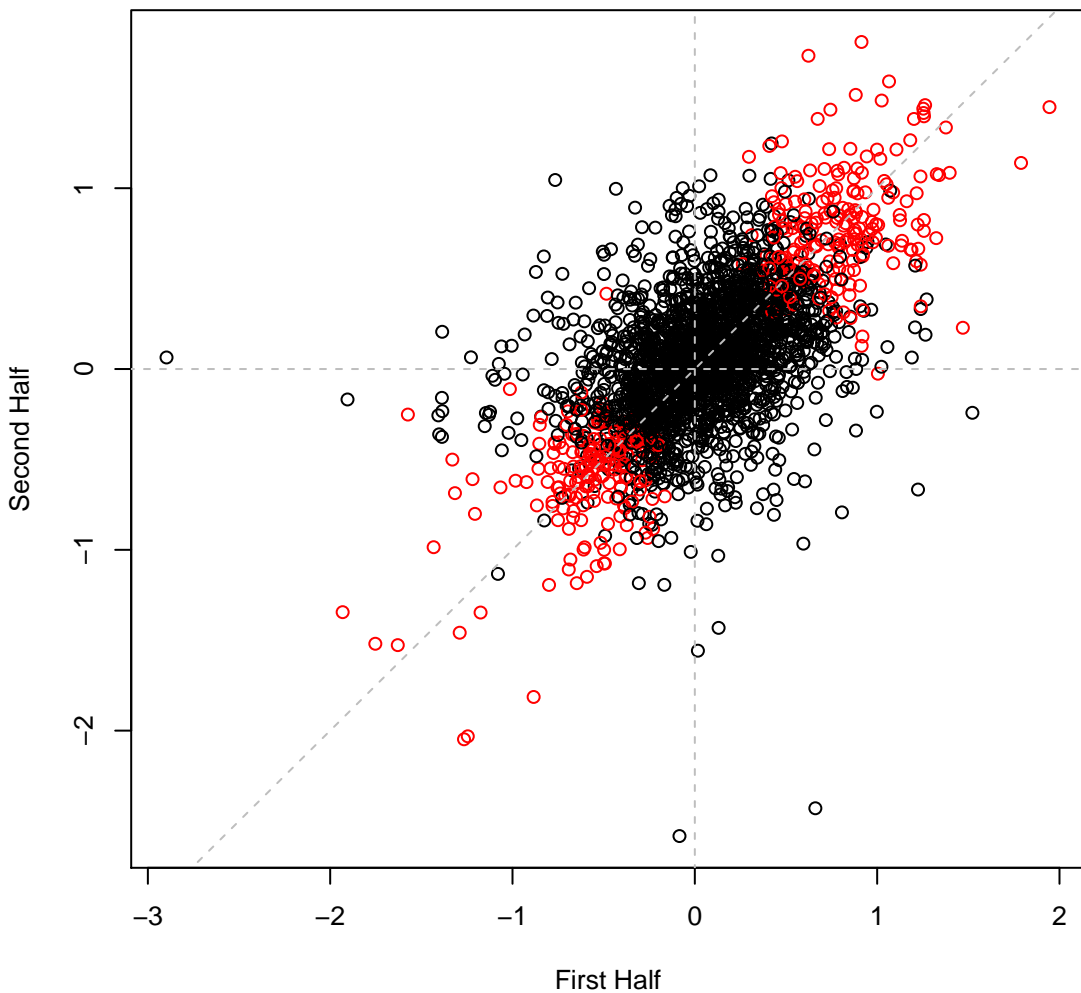


Phaeo setAH2 #186 (gMed=230 rho12=0.507)

Time0

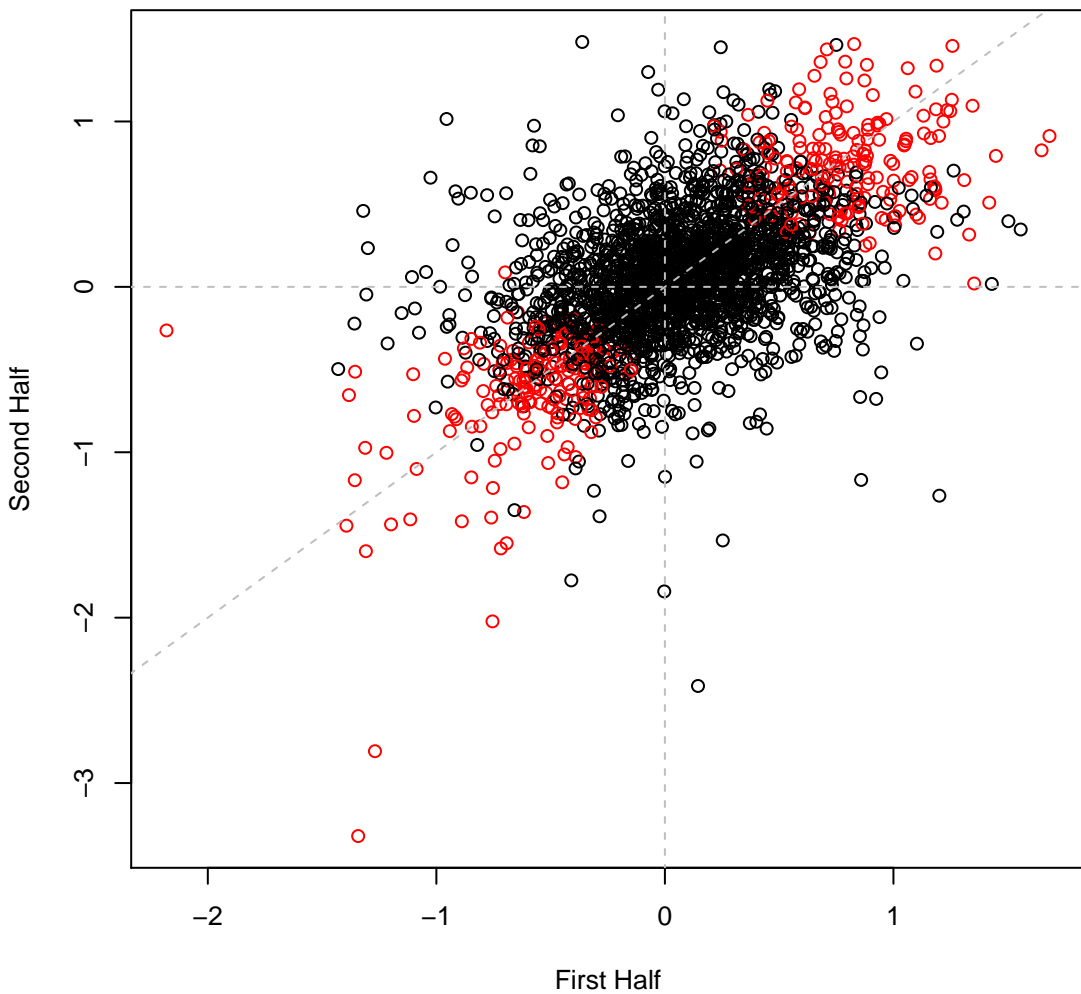


**Phaeo setAH3 #187 (gMed=256 rho12=0.610)**  
**m.b. Cholin acetate 40 mM**

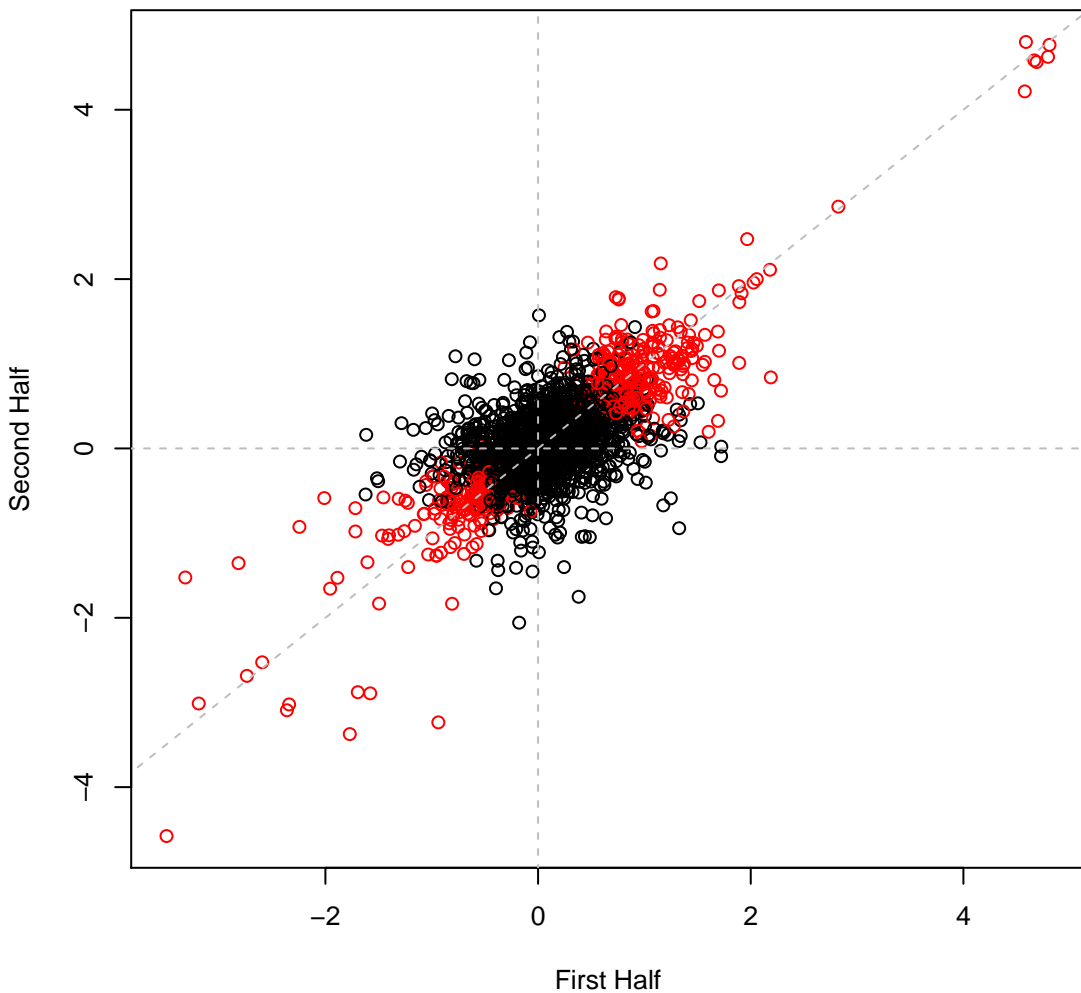


**Phaeo setAH4 #188 (gMed=232 rho12=0.559)**

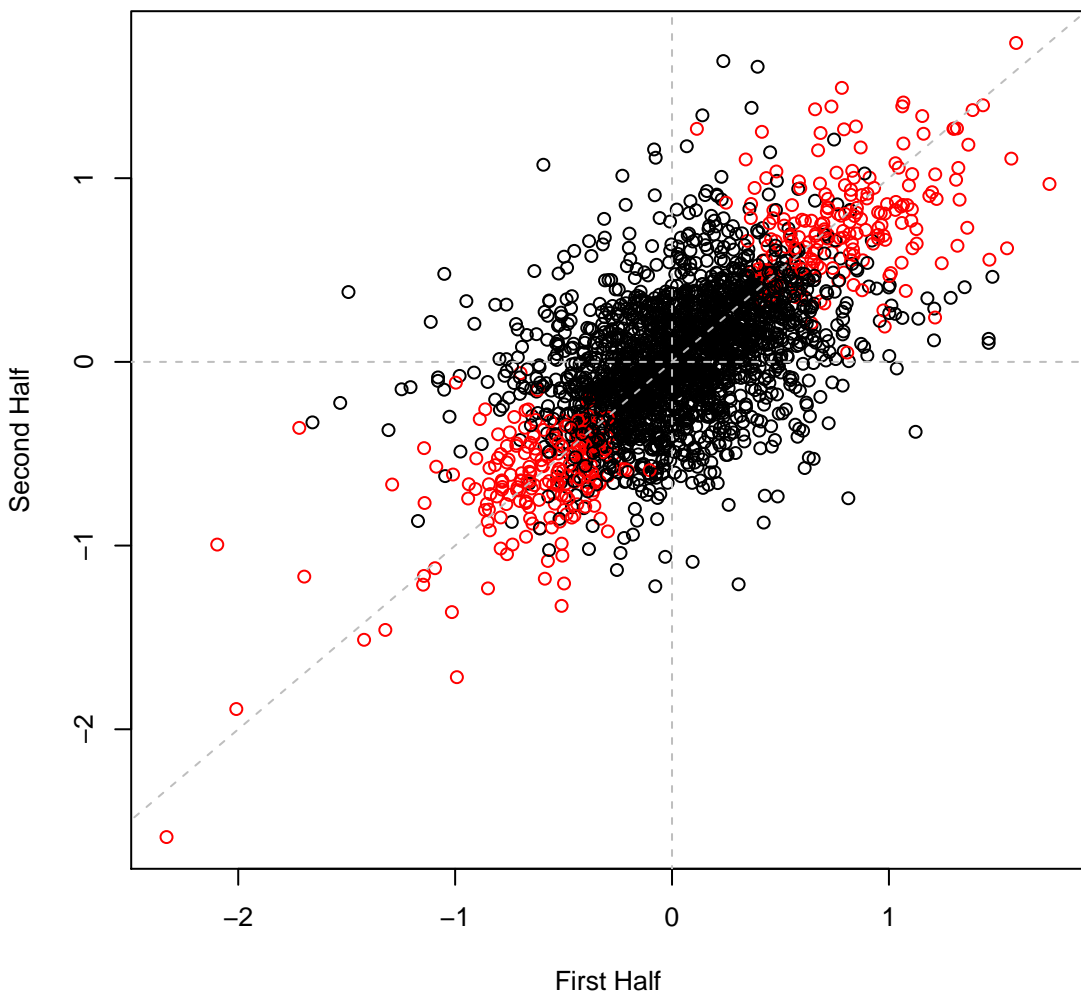
**m.b. acetate 200 mM**



**Phaeo setAH5 #189 (gMed=259 rho12=0.659)**  
**m.b. 1-ethyl-3-methylimidazolium lysine 2 mM**



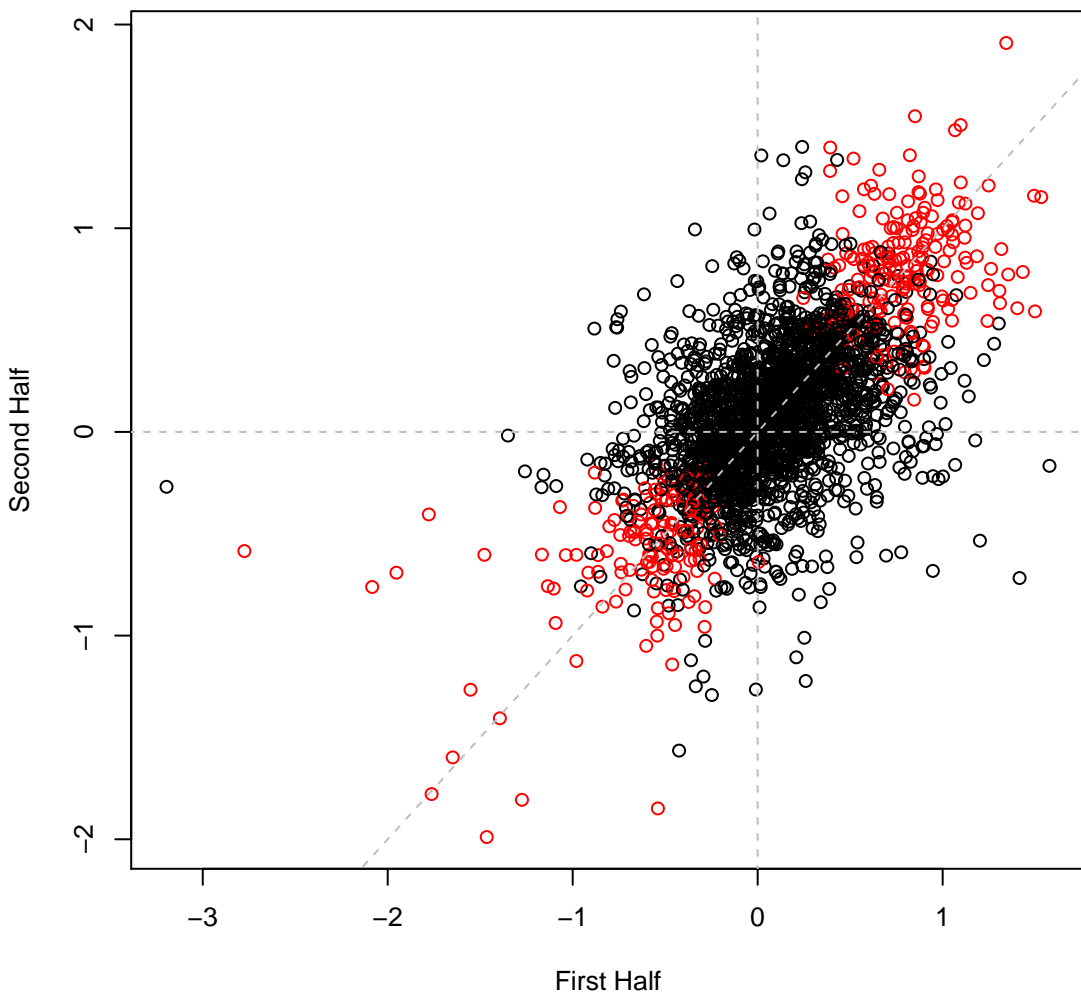
**Phaeo setAH6 #190 (gMed=264 rho12=0.633)**  
**marine broth**



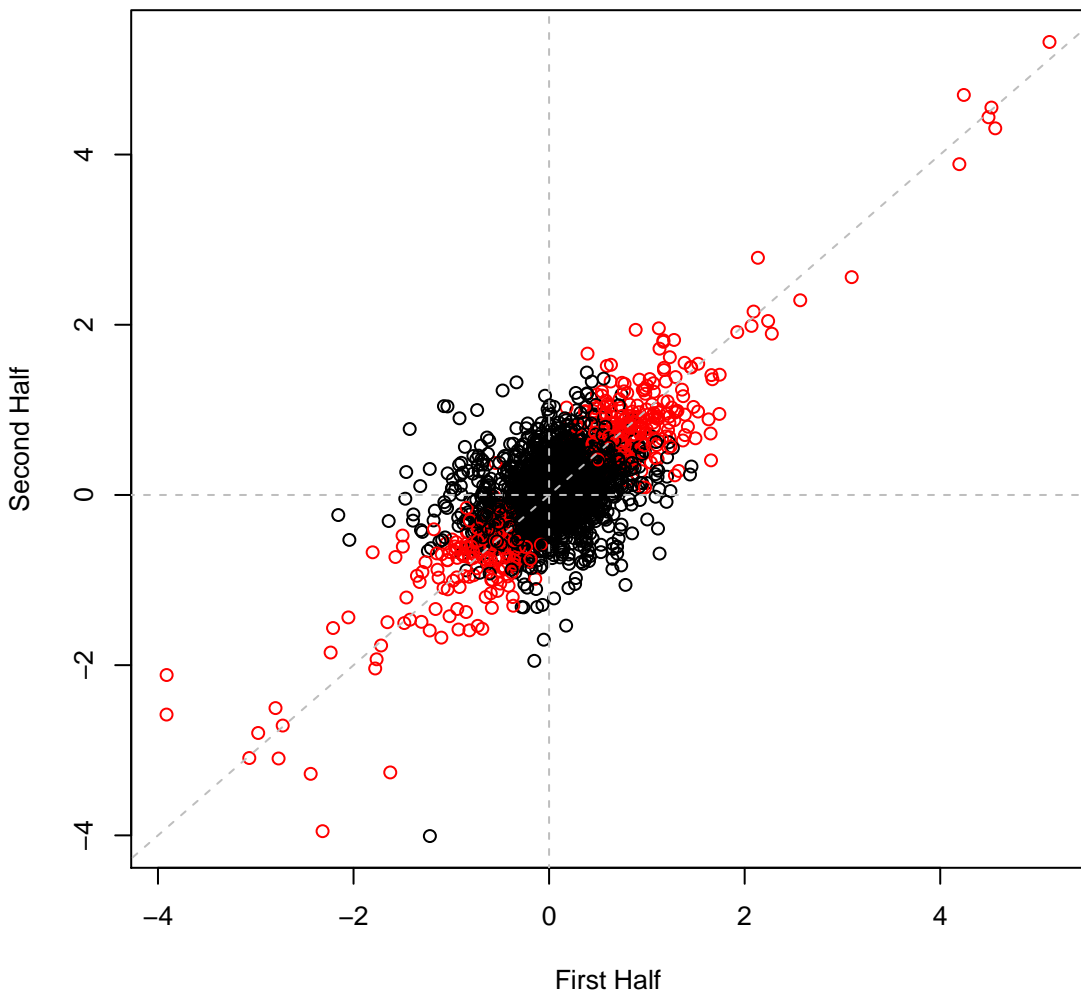


**Phaeo setAH7 #191 (gMed=198 rho12=0.606)**

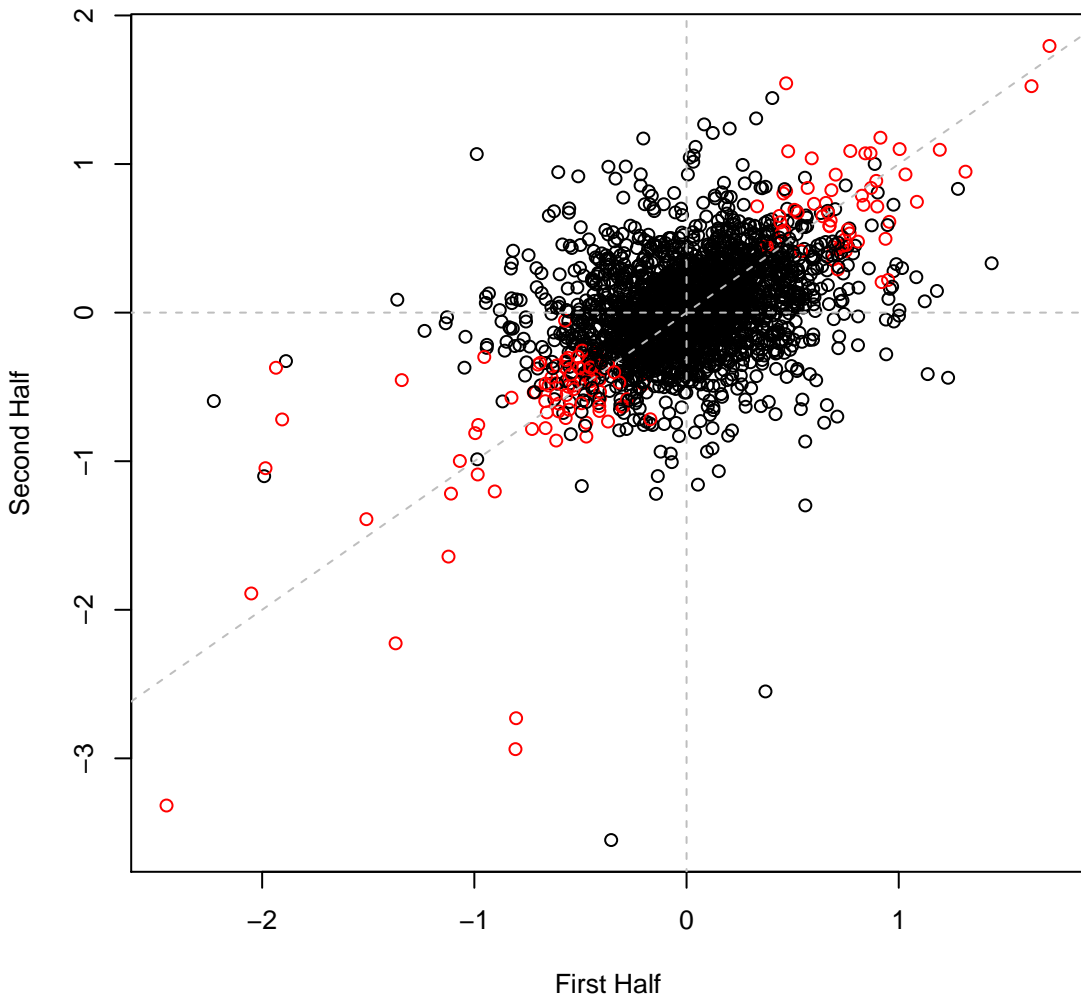
**m.b. Cholin acetate 40 mM**



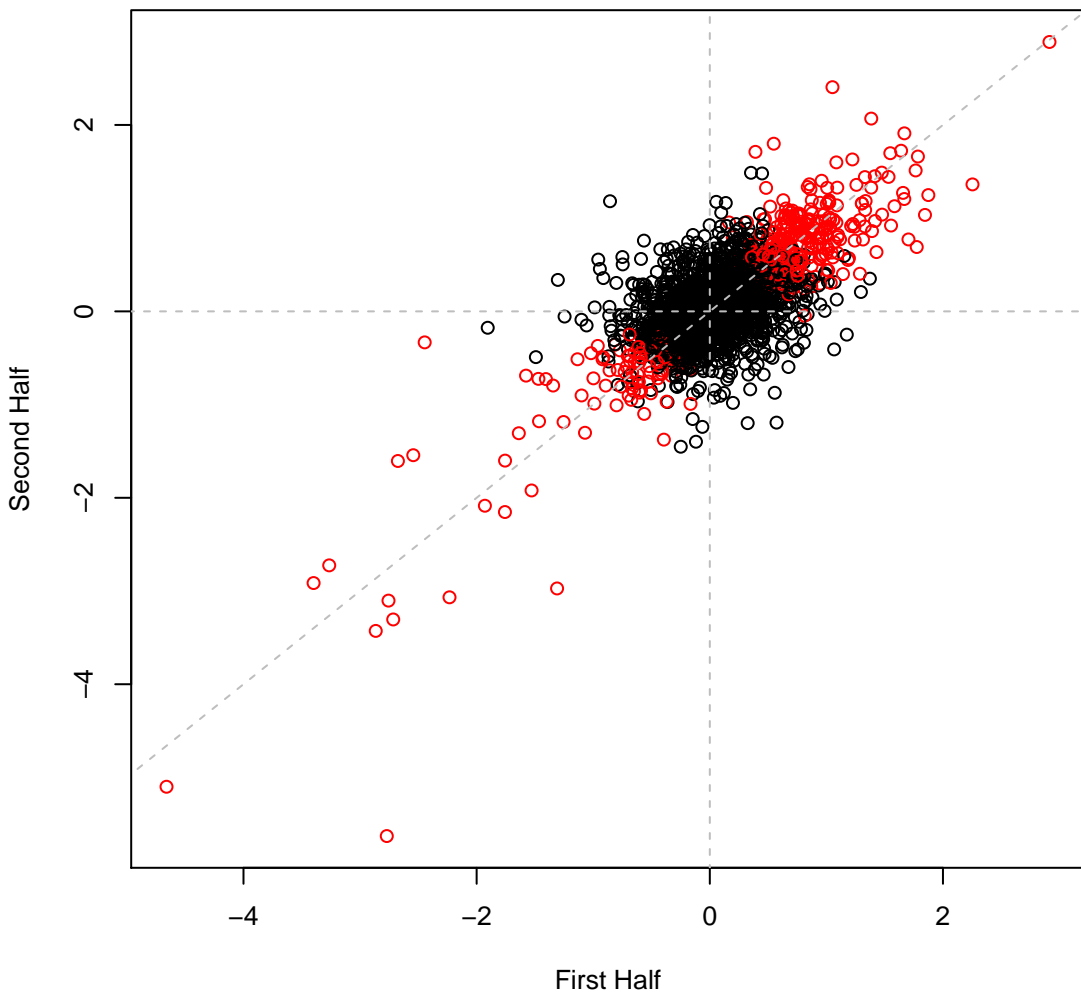
**Phaeo setAH9 #193 (gMed=198 rho12=0.608)**  
**m.b. 1-ethyl-3-methylimidazolium lysine 2 mM**



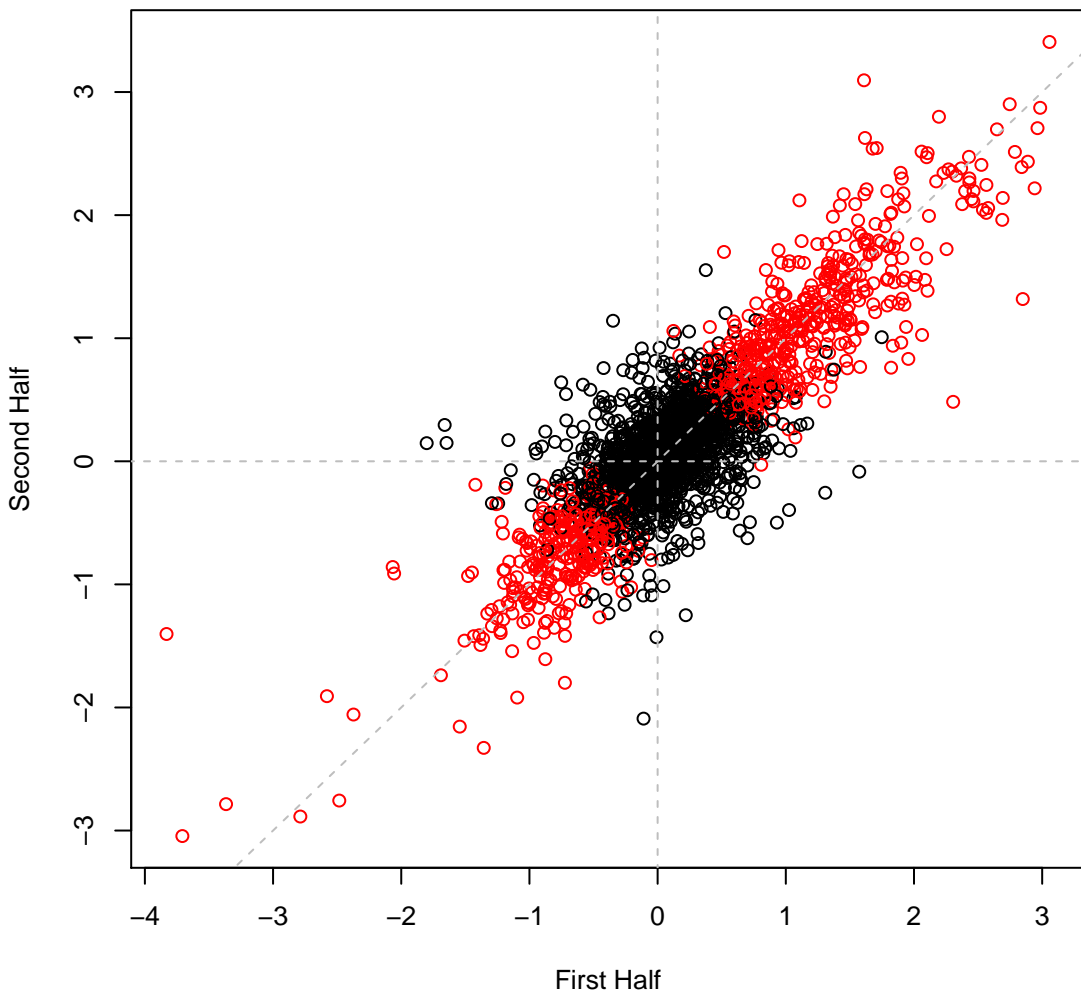
**Phaeo setAH10 #194 (gMed=143 rho12=0.406)**  
**marine broth**



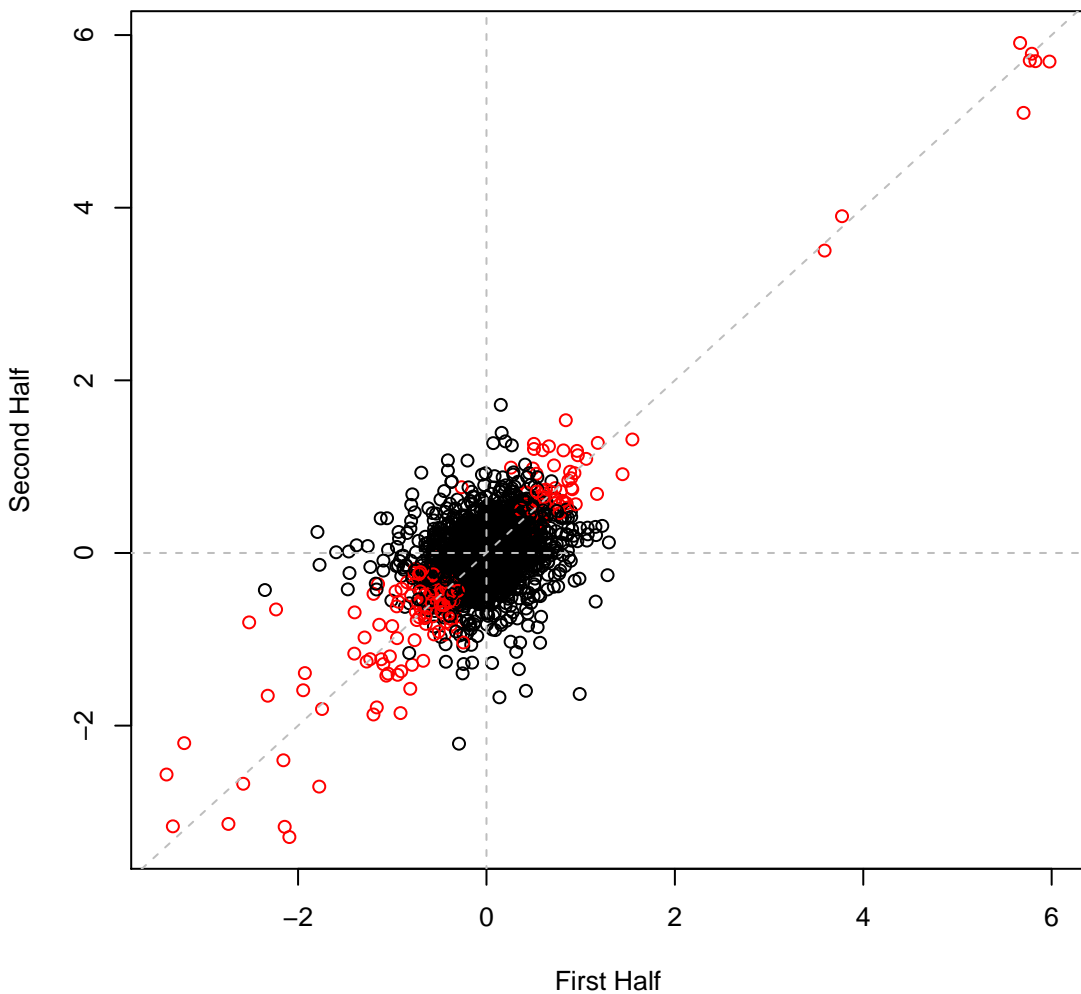
**Phaeo setAH11 #195 (gMed=259 rho12=0.598)**  
**m.b. 1-ethyl-3-methylimidazolium acetate 20 mM**



**Phaeo setAH12 #196 (gMed=258 rho12=0.814)**  
**m.b. 1-ethyl-3-methylimidazolium acetate 10 mM**

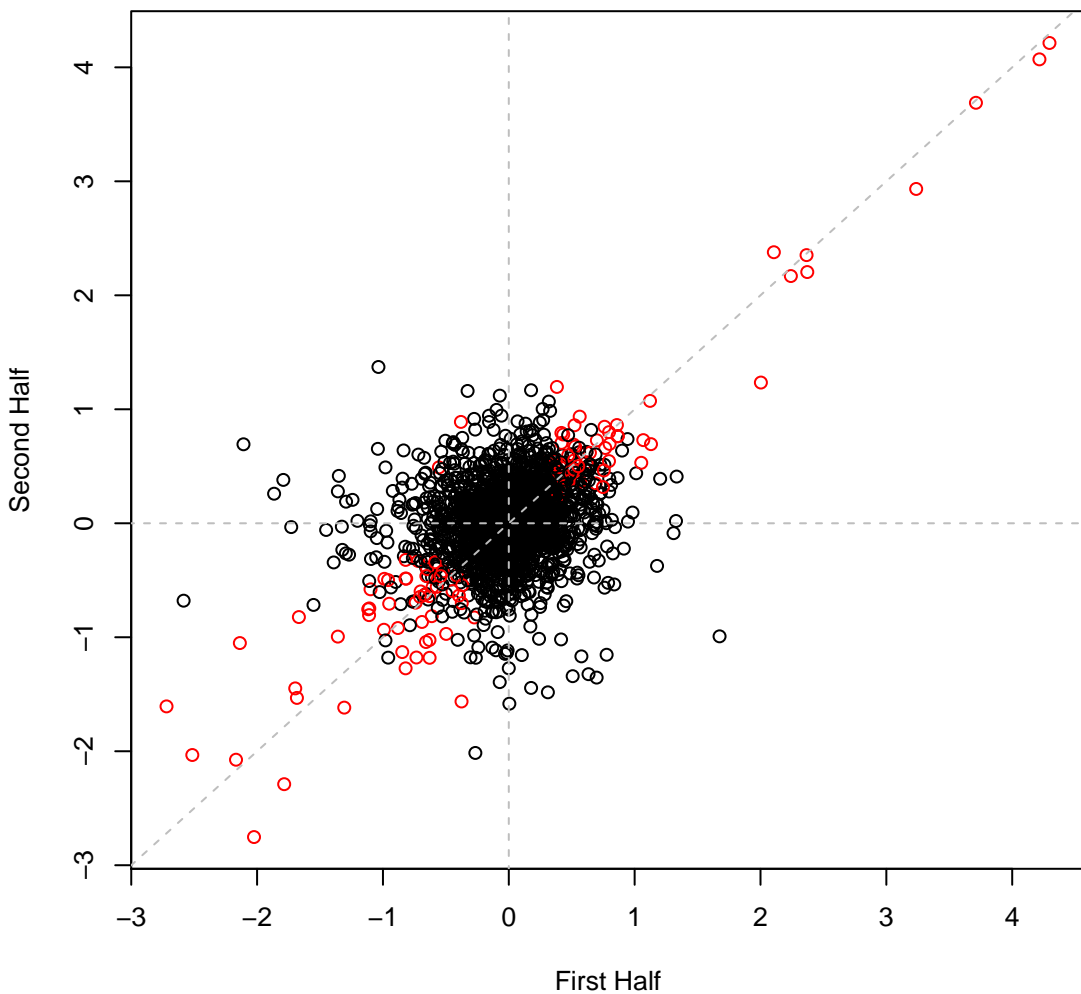


**Phaeo setAH13 #197 (gMed=201 rho12=0.462)**  
**m.b. 1-ethyl-3-methylimidazolium acetate 5 mM**

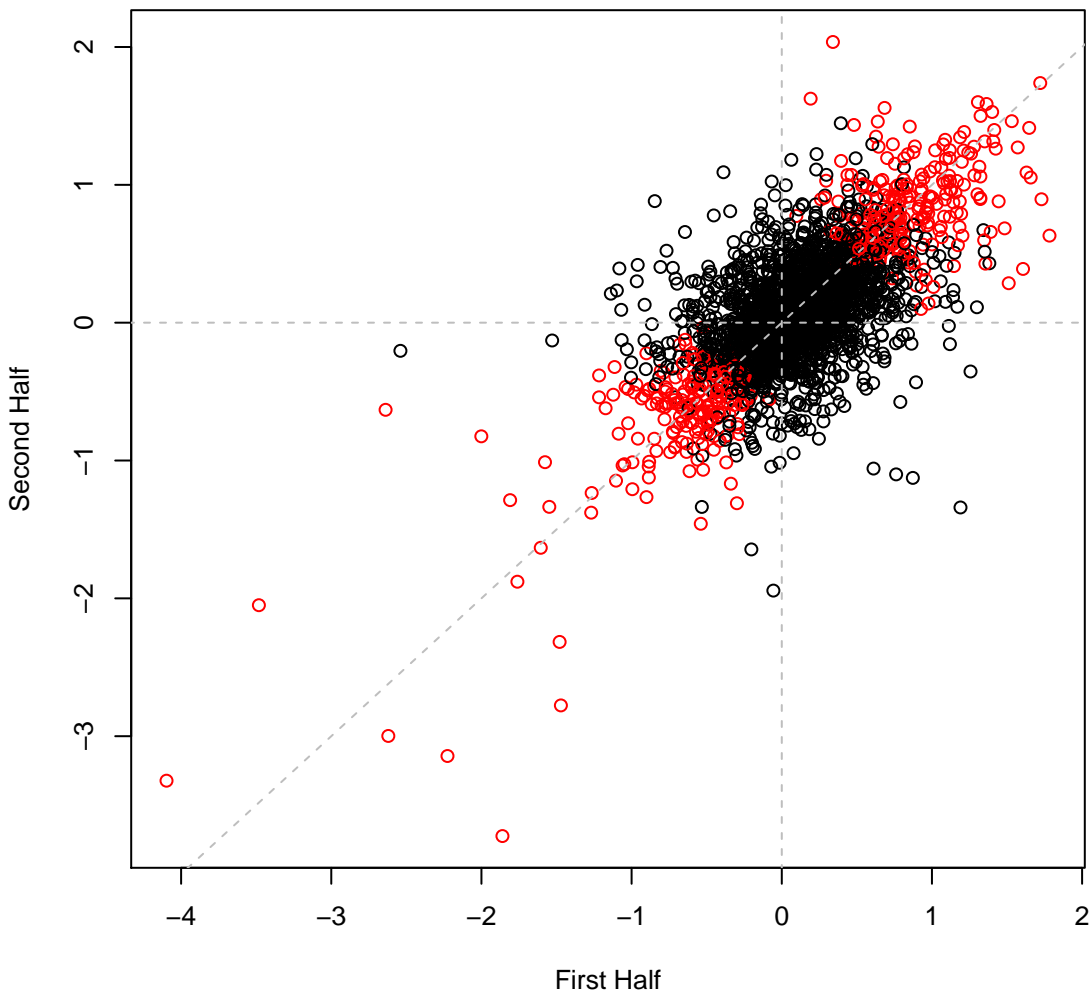


**Phaeo setAH14 #198 (gMed=159 rho12=0.267)**

**m.b. Choline Lysine 3 mM**

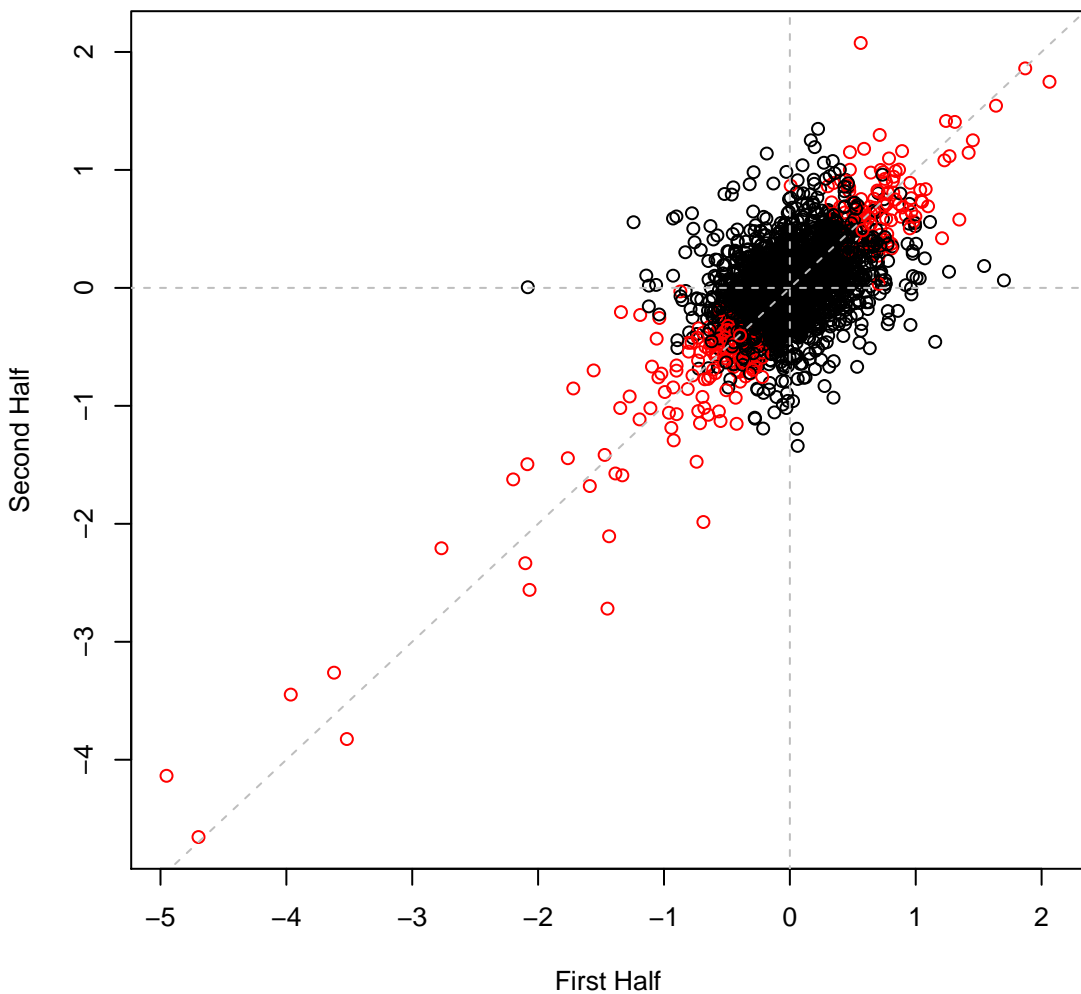


**Phaeo setAH15 #199 (gMed=229 rho12=0.648)**  
**m.b. L-Lysine 200 mM**

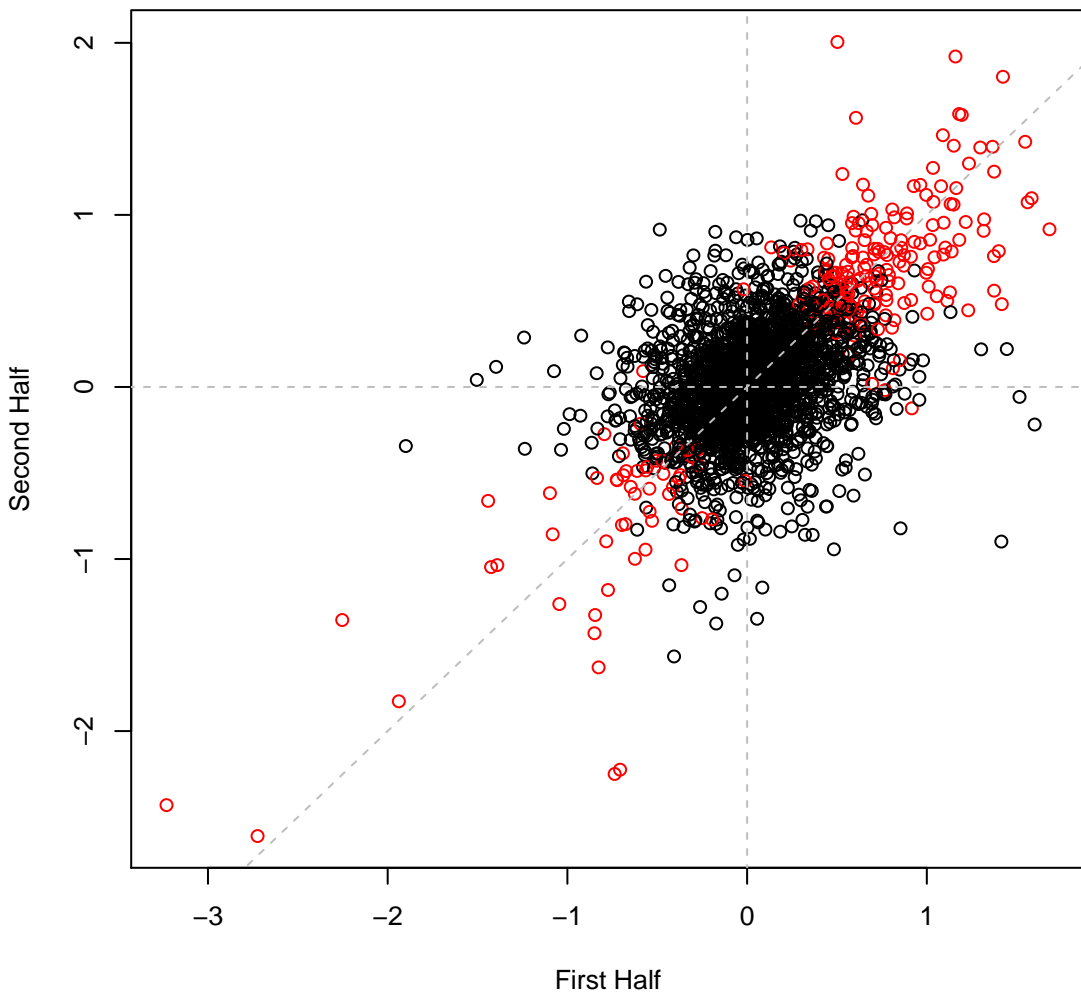




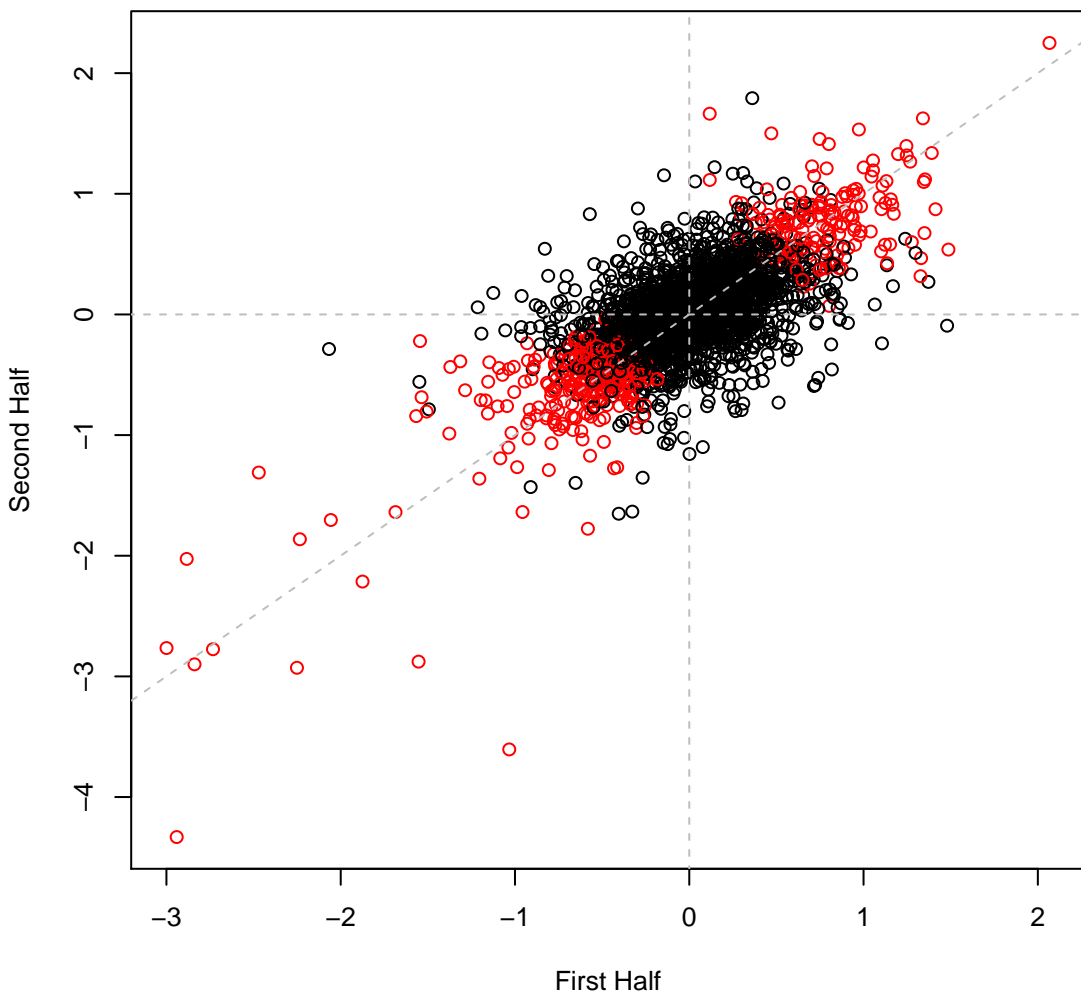
**Phaeo setAH16 #200 (gMed=270 rho12=0.543)**  
**m.b. L-Lysine 100 mM**



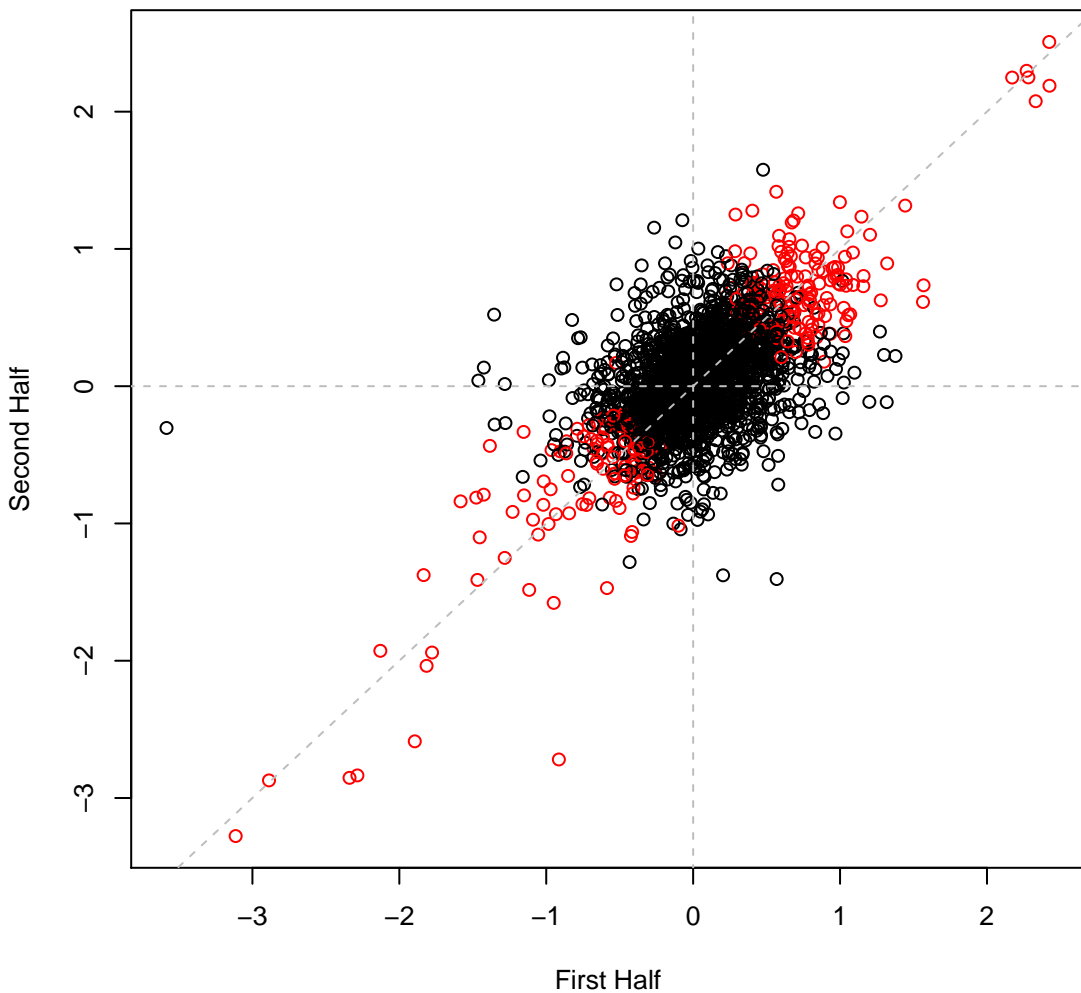
**Phaeo setAH17 #201 (gMed=247 rho12=0.467)**  
**marine broth**



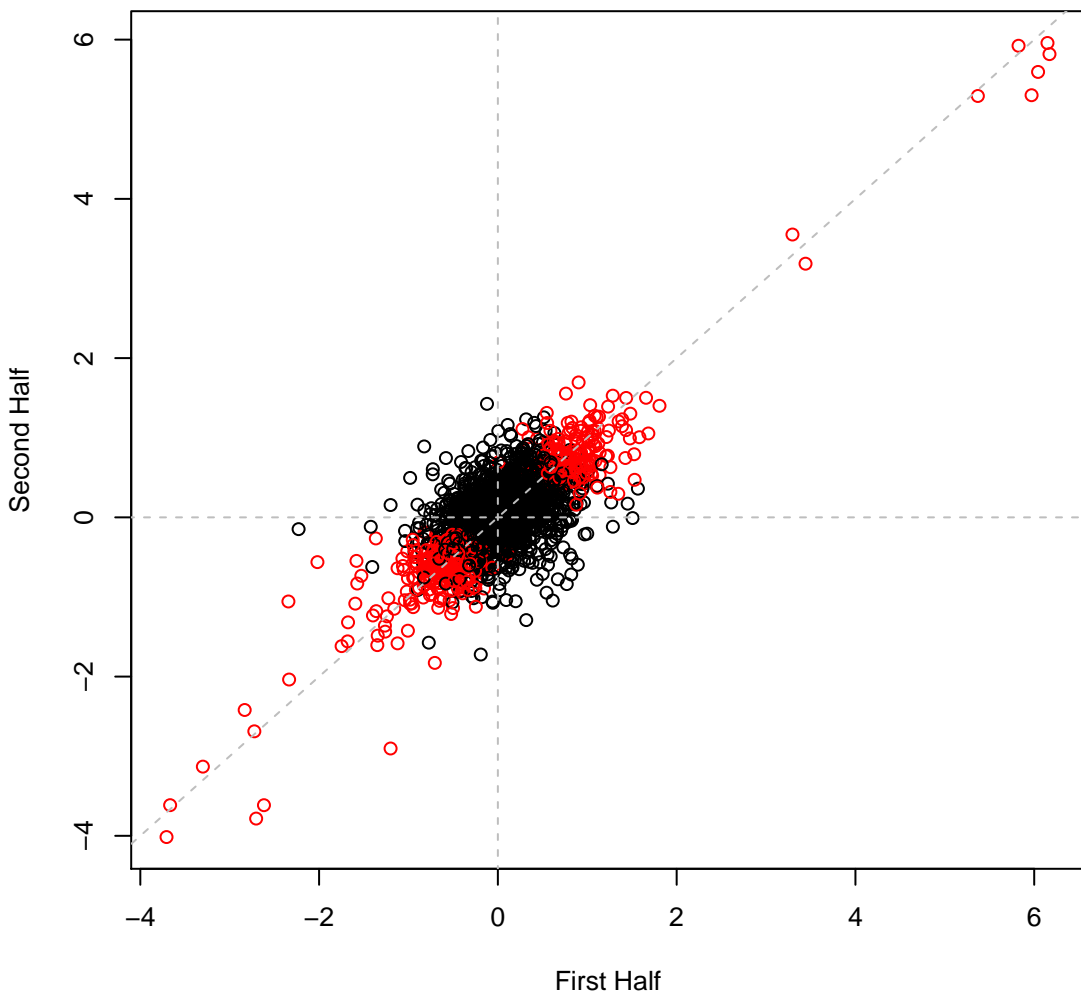
**Phaeo setAH18 #202 (gMed=284 rho12=0.657)**  
**m.b. 1-ethyl-3-methylimidazolium acetate 20 mM**



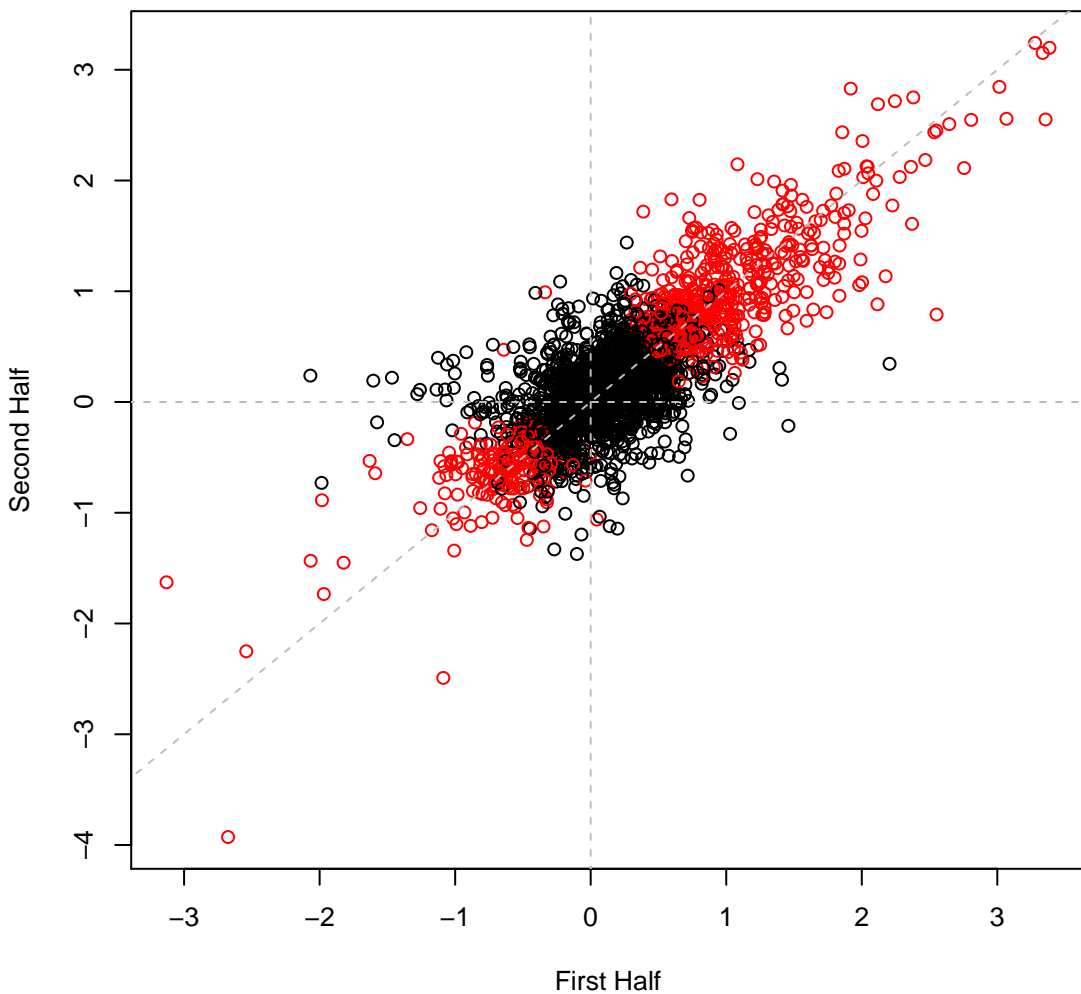
**Phaeo setAH19 #203 (gMed=272 rho12=0.568)**  
**m.b. 1-ethyl-3-methylimidazolium acetate 10 mM**



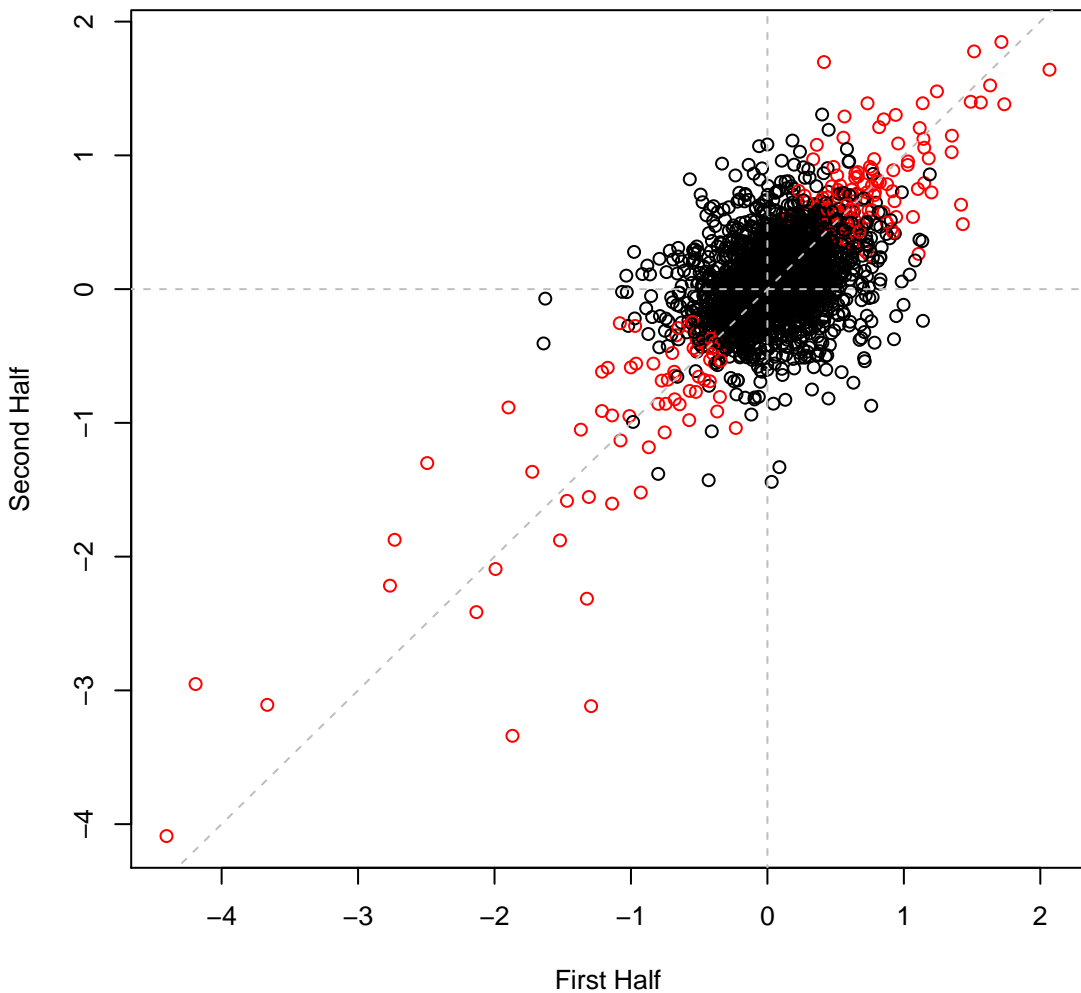
**Phaeo setAH20 #204 (gMed=261 rho12=0.661)**  
**m.b. 1-ethyl-3-methylimidazolium acetate 5 mM**



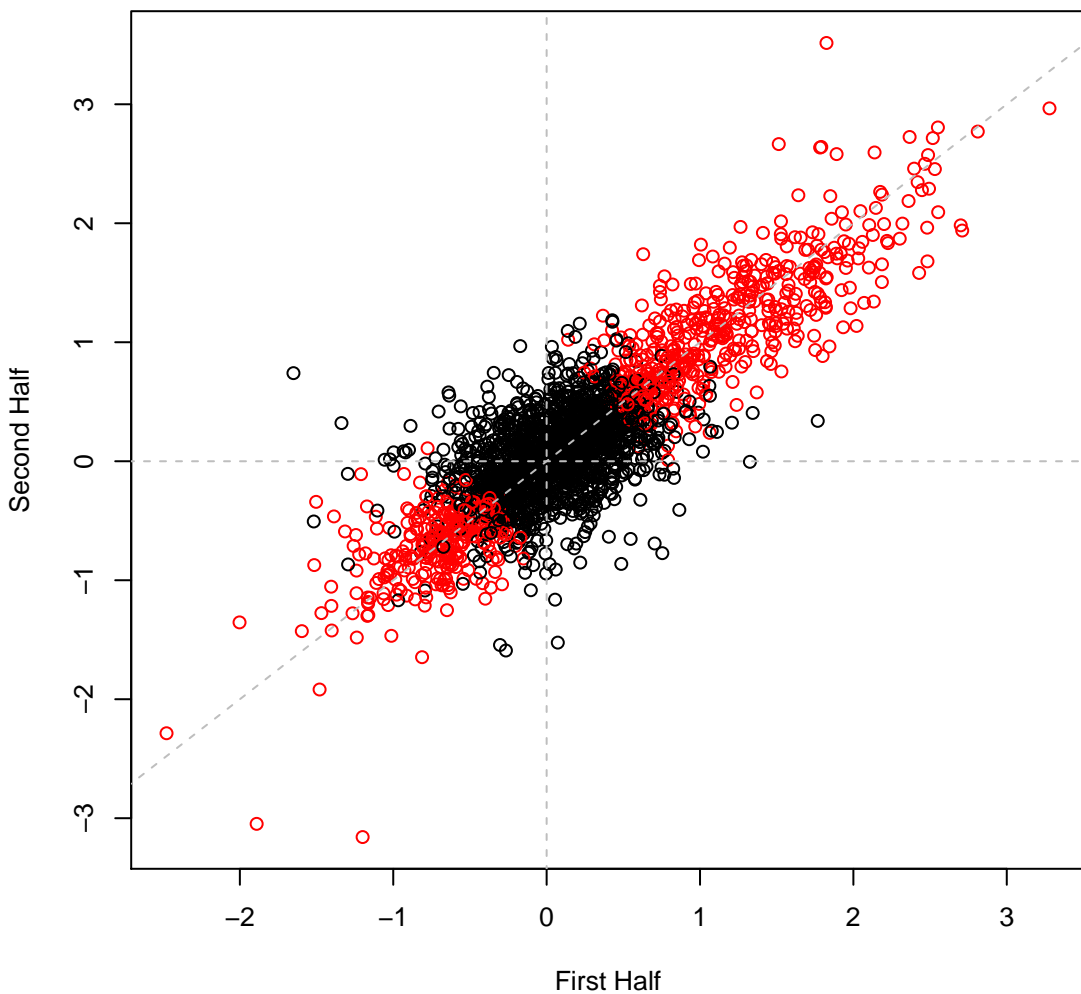
**Phaeo setAH21 #205 (gMed=292 rho12=0.755)**  
**m.b. Choline Lysine 3 mM**



**Phaeo setAH22 #206 (gMed=295 rho12=0.465)**  
**m.b. L-Lysine 200 mM**



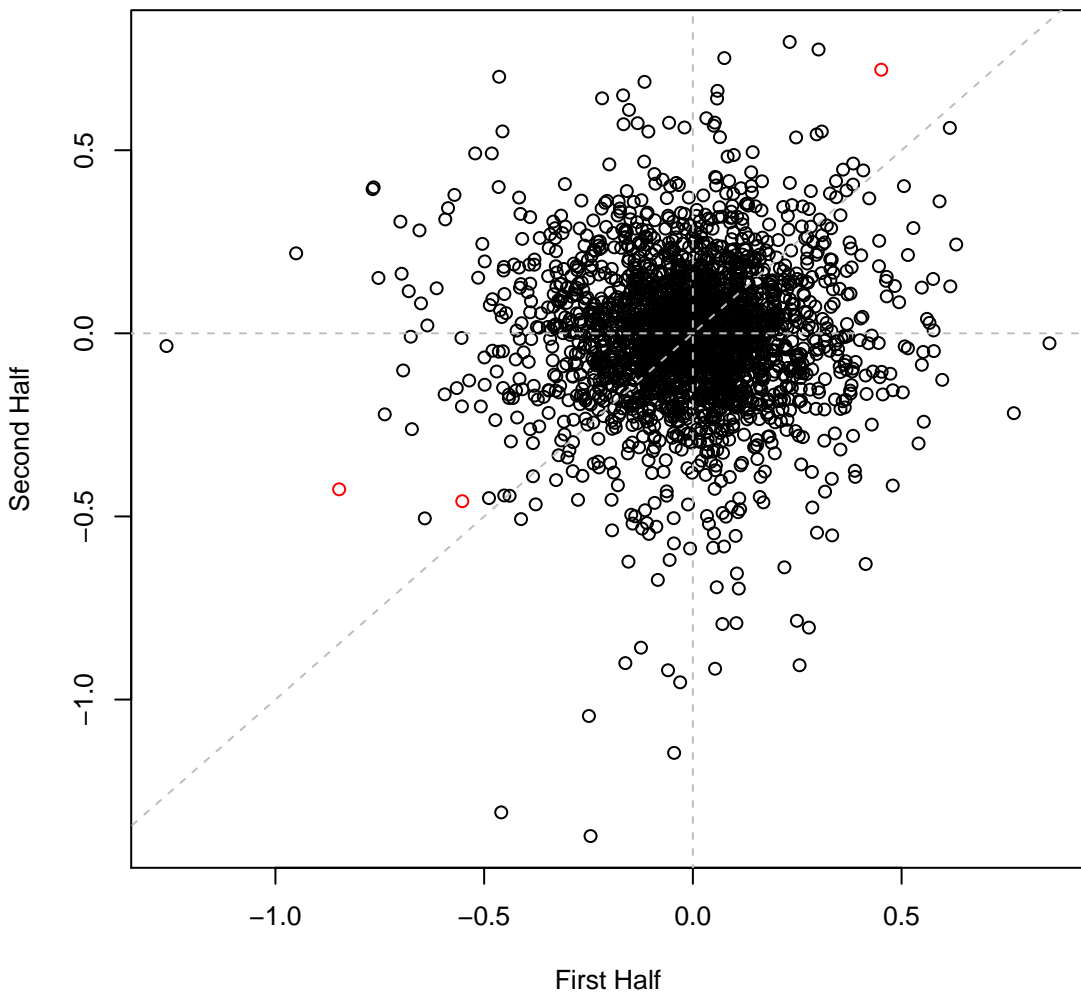
**Phaeo setAH24 #208 (gMed=261 rho12=0.798)**  
**marine broth**





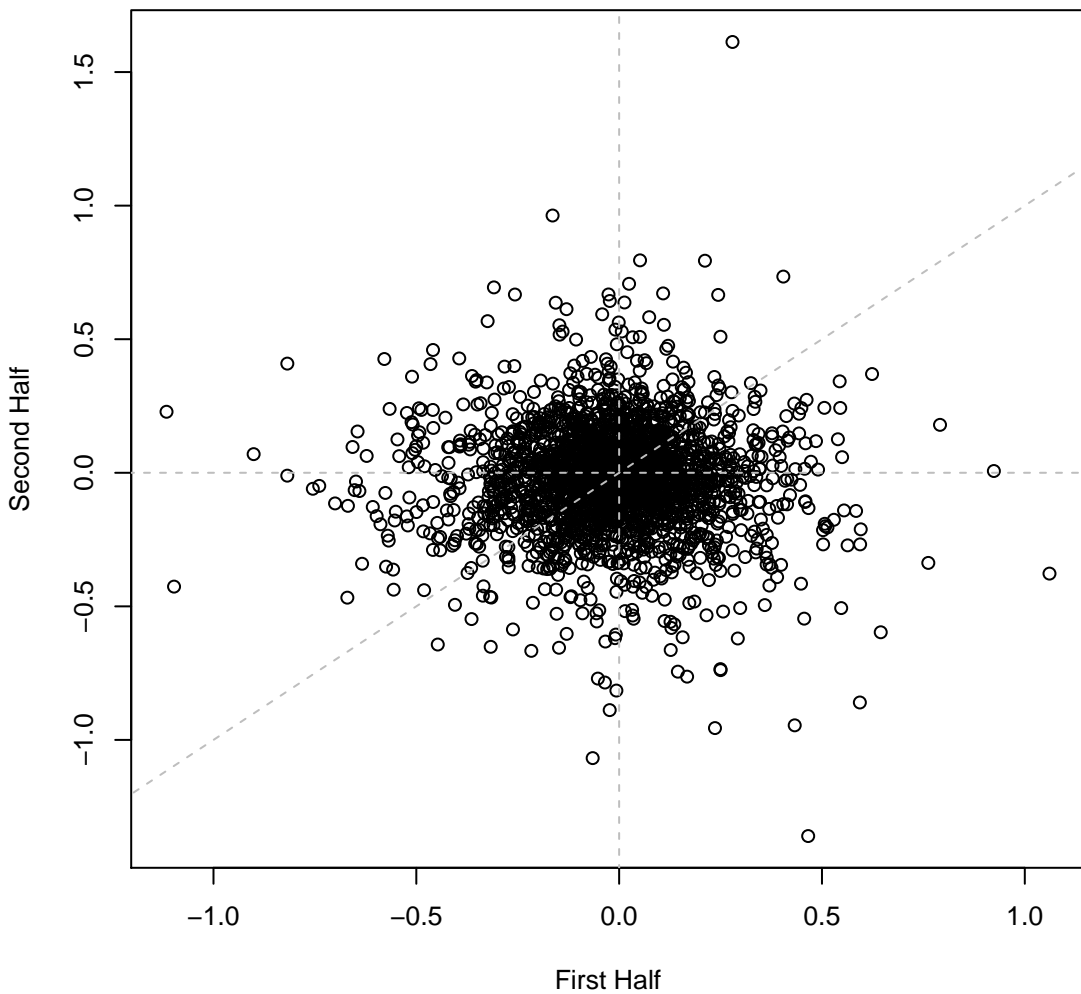
**Phaeo set5H1 #209 (gMed=267 rho12=0.011)**

**Time0**

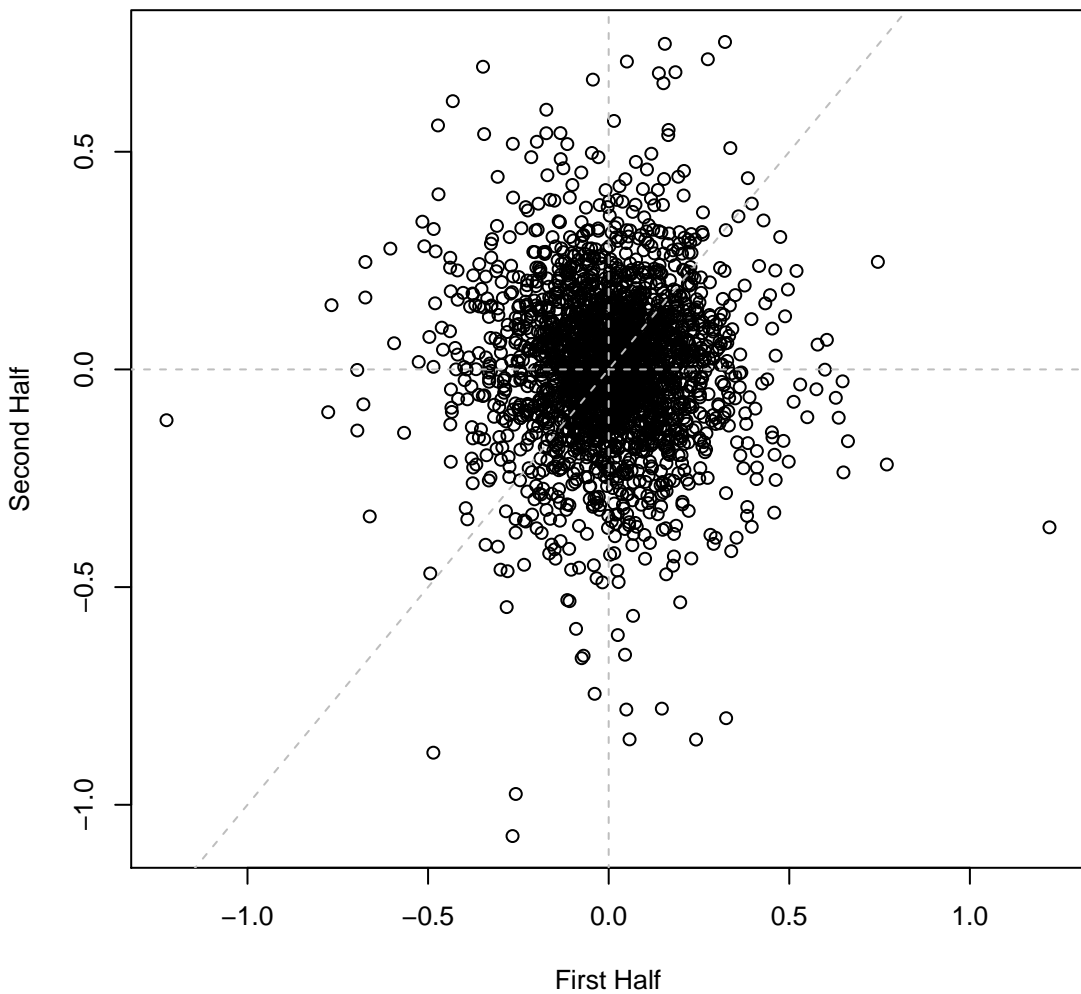


**Phaeo set5H2 #210 (gMed=233 rho12=-0.003)**

**Time0**

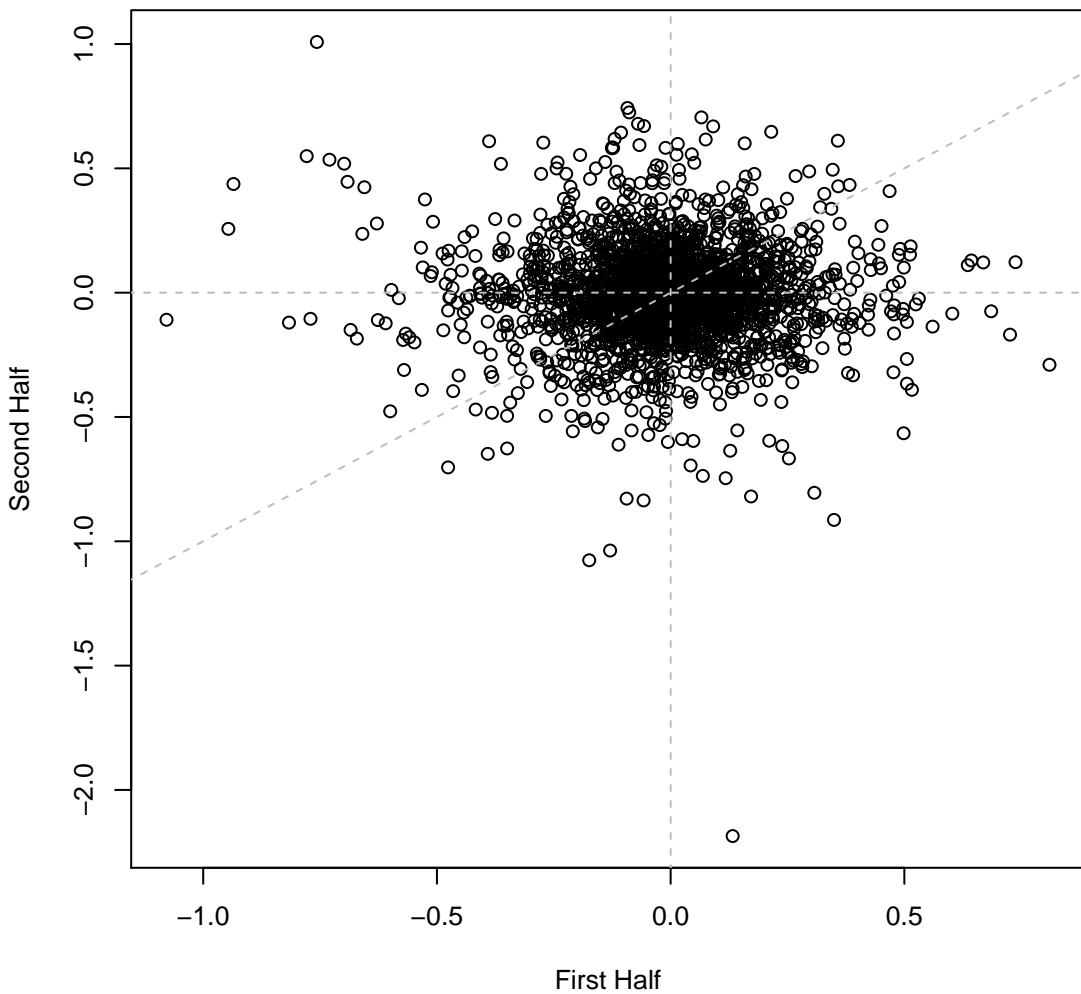


**Phaeo set5H3 #211 (gMed=361 rho12=-0.012)**  
**Time0**

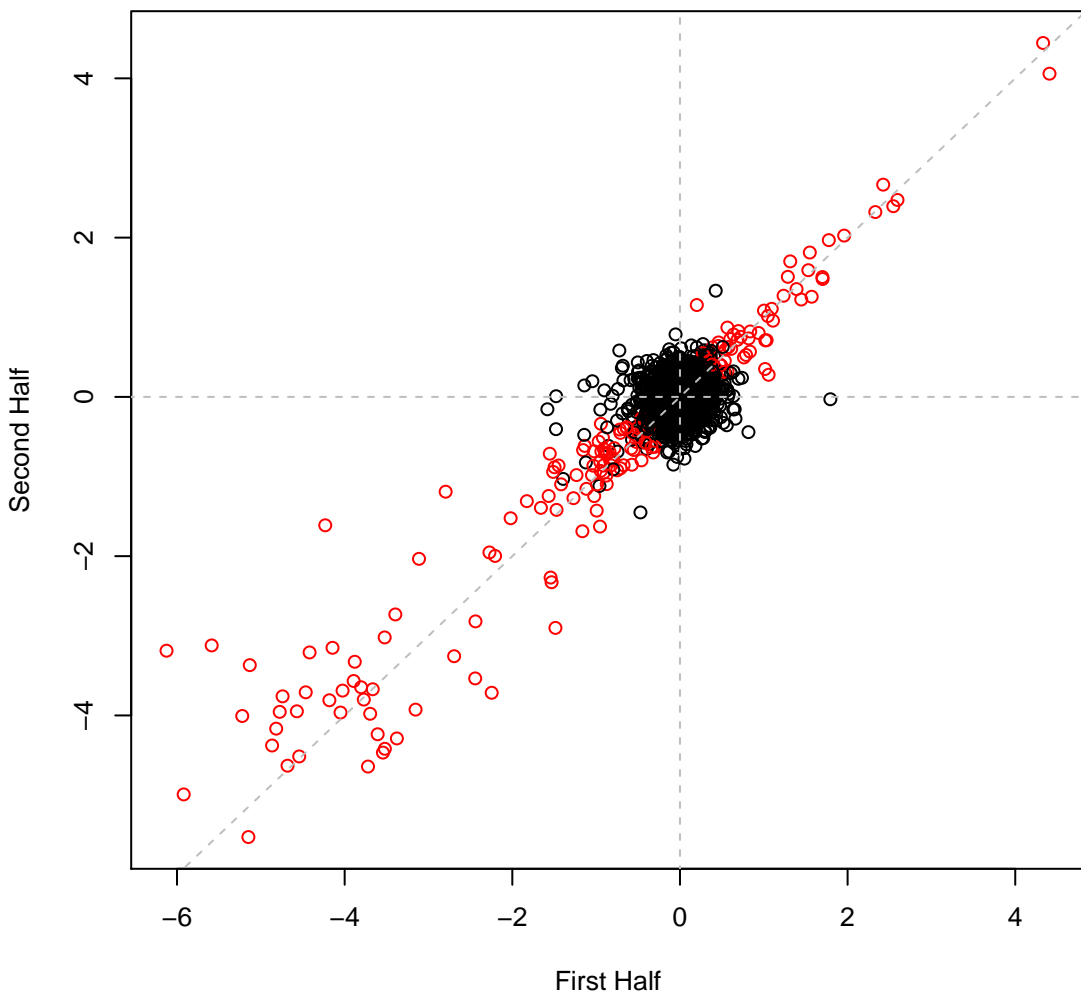


**Phaeo set5H4 #212 (gMed=309 rho12=-0.003)**

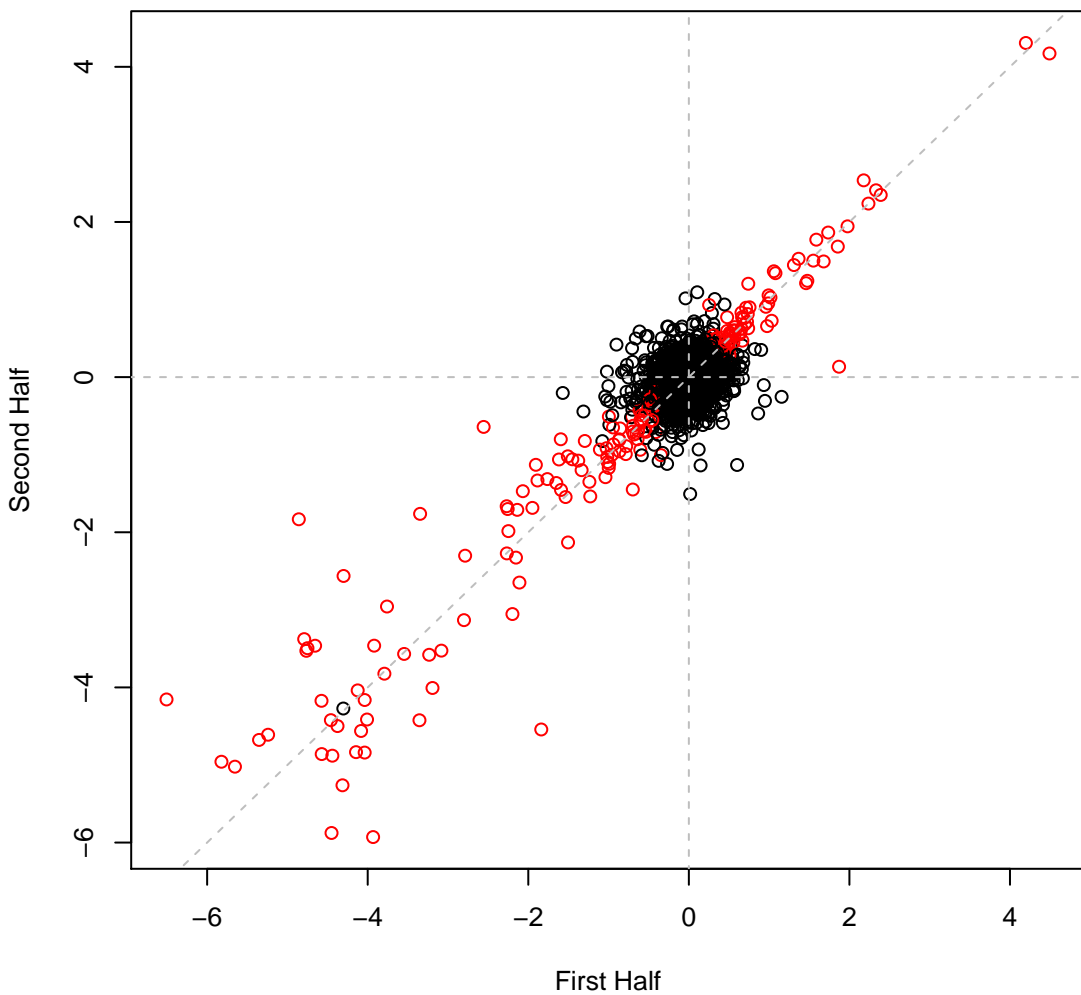
**Time0**



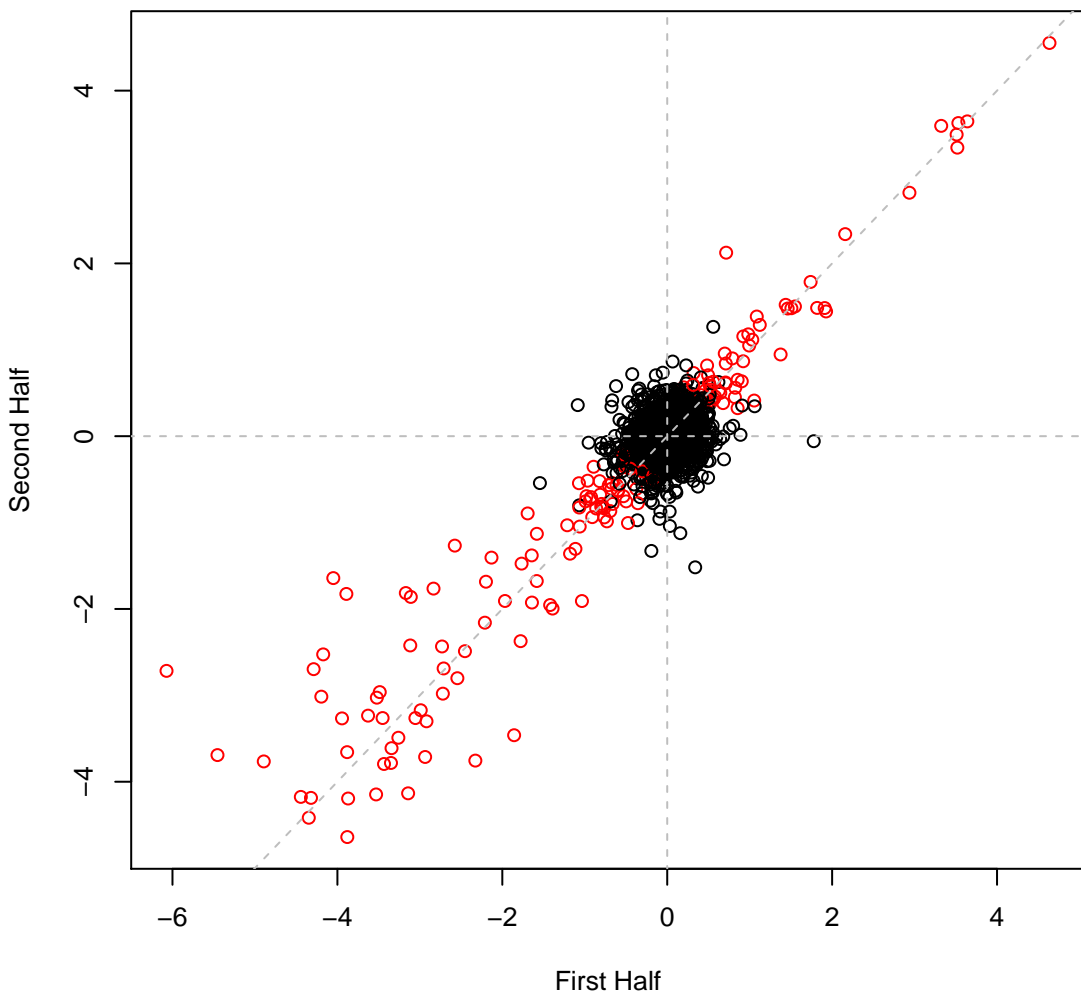
**Phaeo set5H5 #213 (gMed=266 rho12=0.351)**  
**D-Glucose (C)**



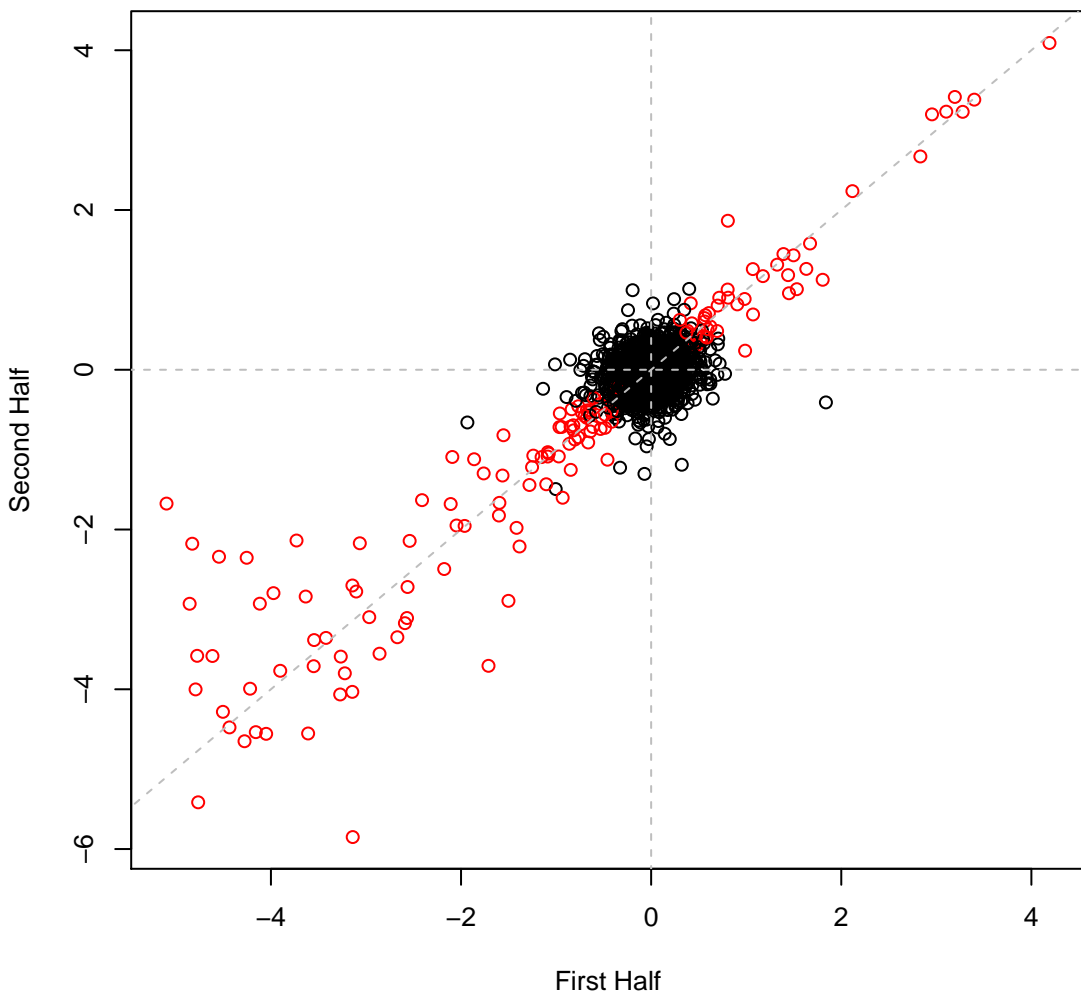
**Phaeo set5H6 #214 (gMed=190 rho12=0.339)**  
**D-Glucose (C)**



**Phaeo set5H7 #215 (gMed=302 rho12=0.297)**  
**D-Fructose (C)**

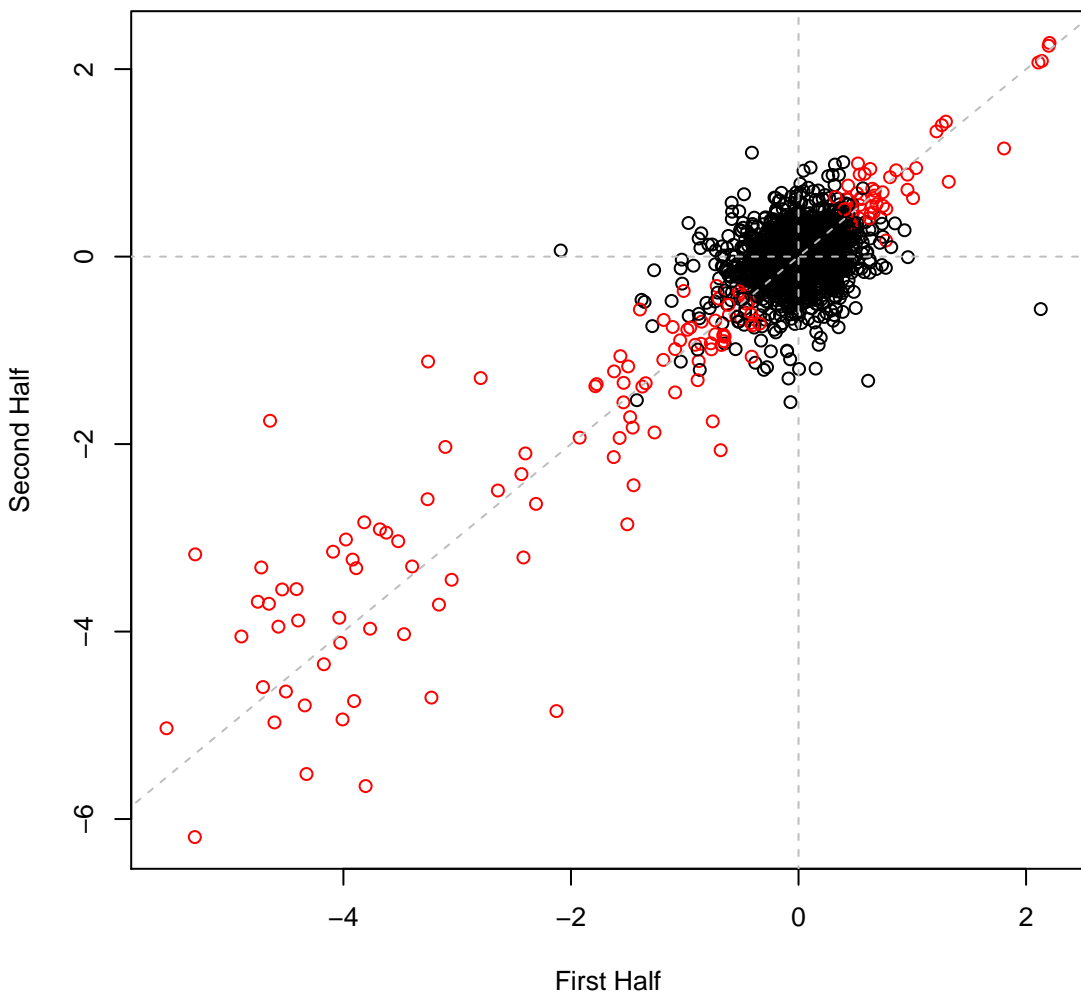


**Phaeo set5H8 #216 (gMed=260 rho12=0.303)**  
**D-Fructose (C)**

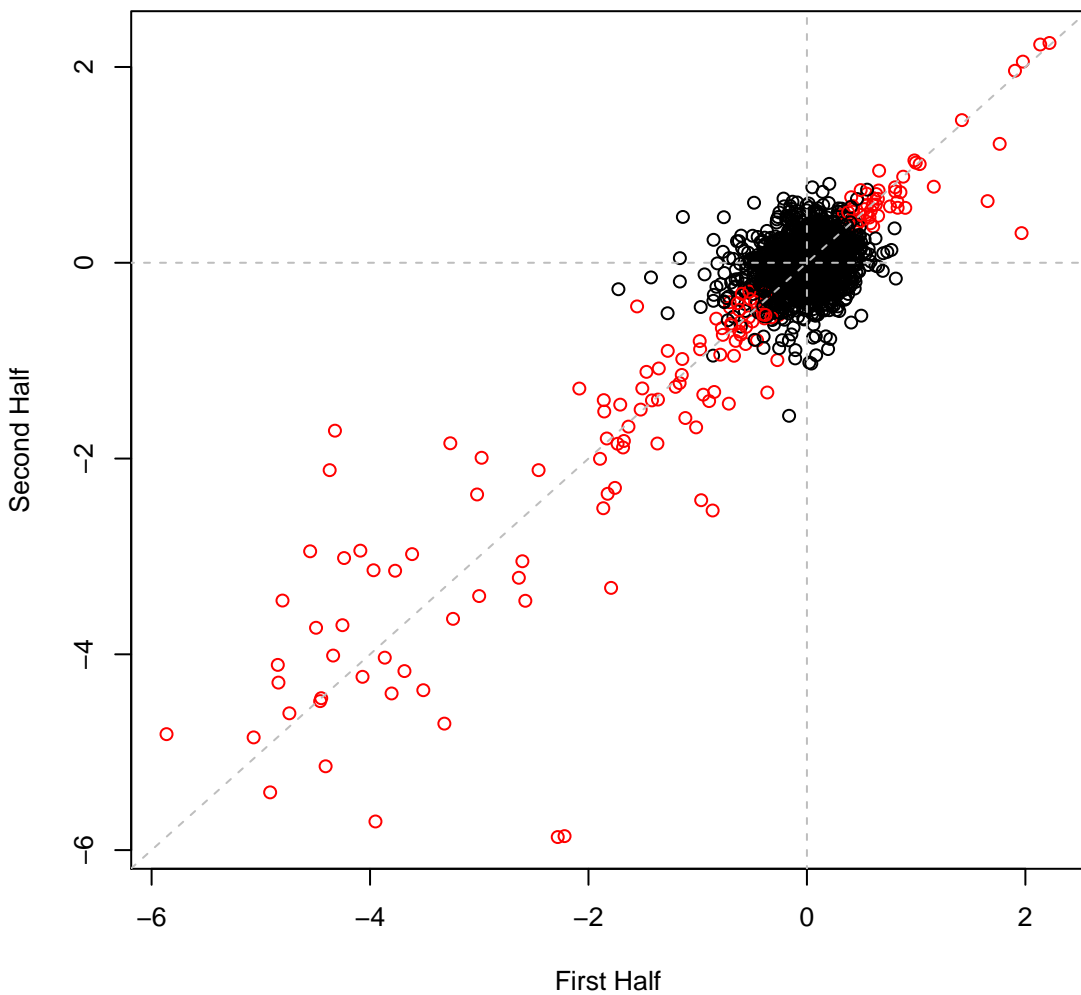




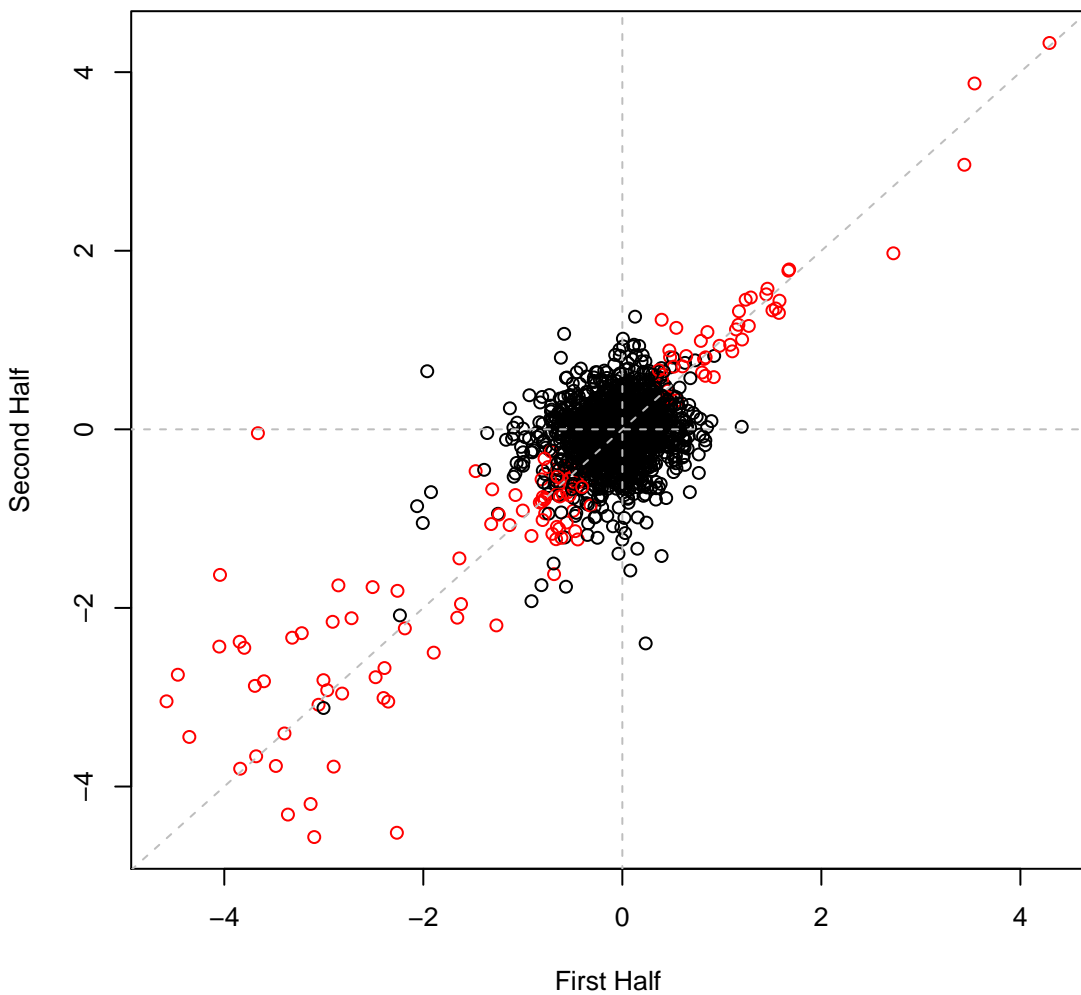
**Phaeo set5H9 #217 (gMed=145 rho12=0.322)**  
**Sucrose (C)**



**Phaeo set5H10 #218 (gMed=230 rho12=0.340)**  
**Sucrose (C)**

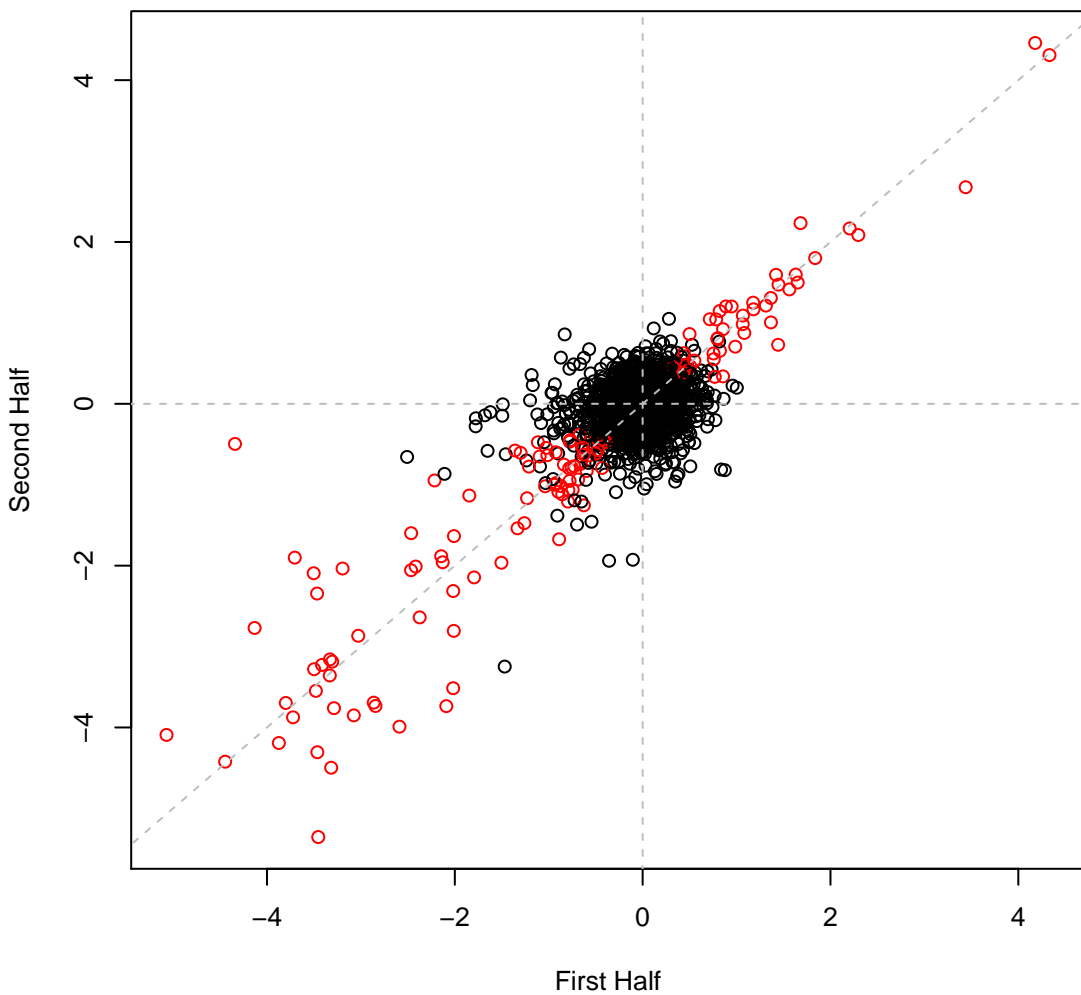


**Phaeo set5H11 #219 (gMed=105 rho12=0.267)**  
**D-Xylose (C)**

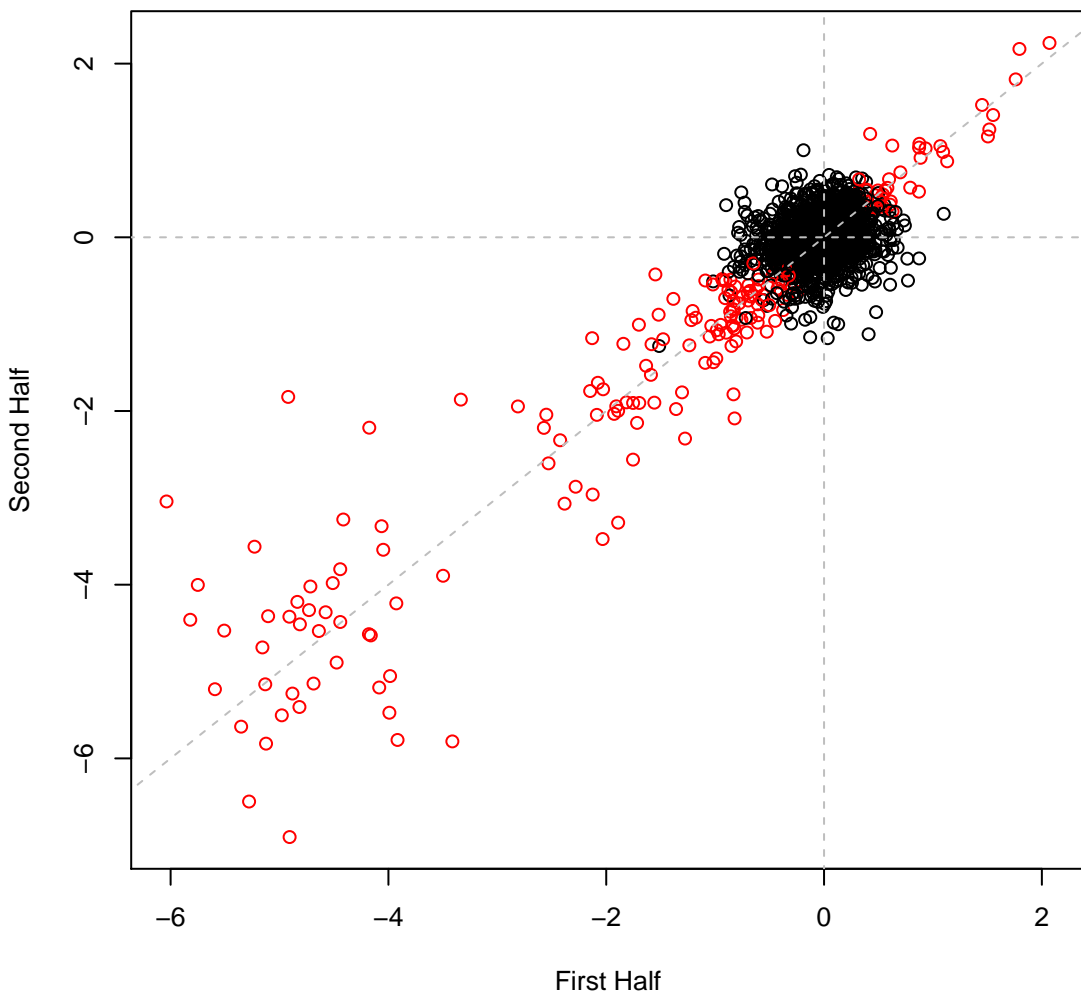


Phaeo set5H12 #220 (gMed=117 rho12=0.299)

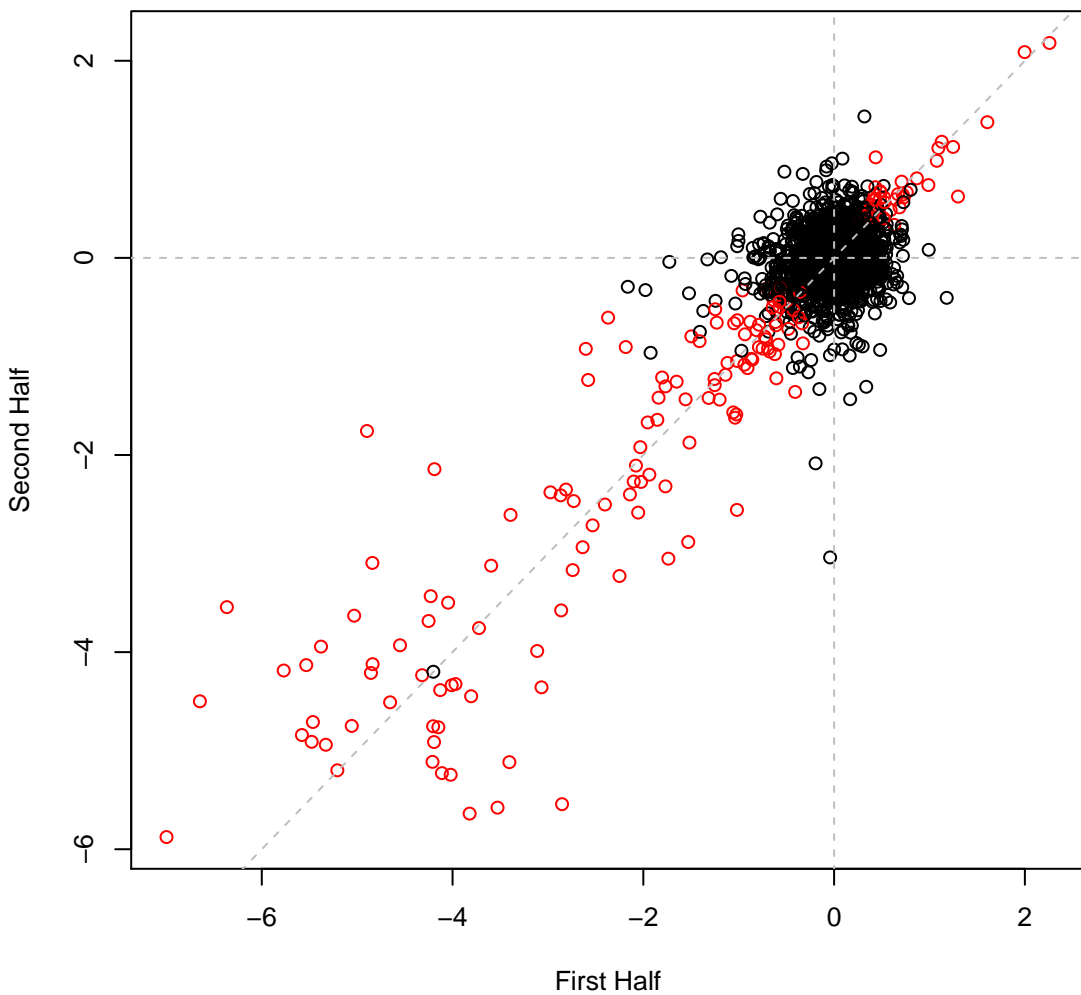
D-Xylose (C)



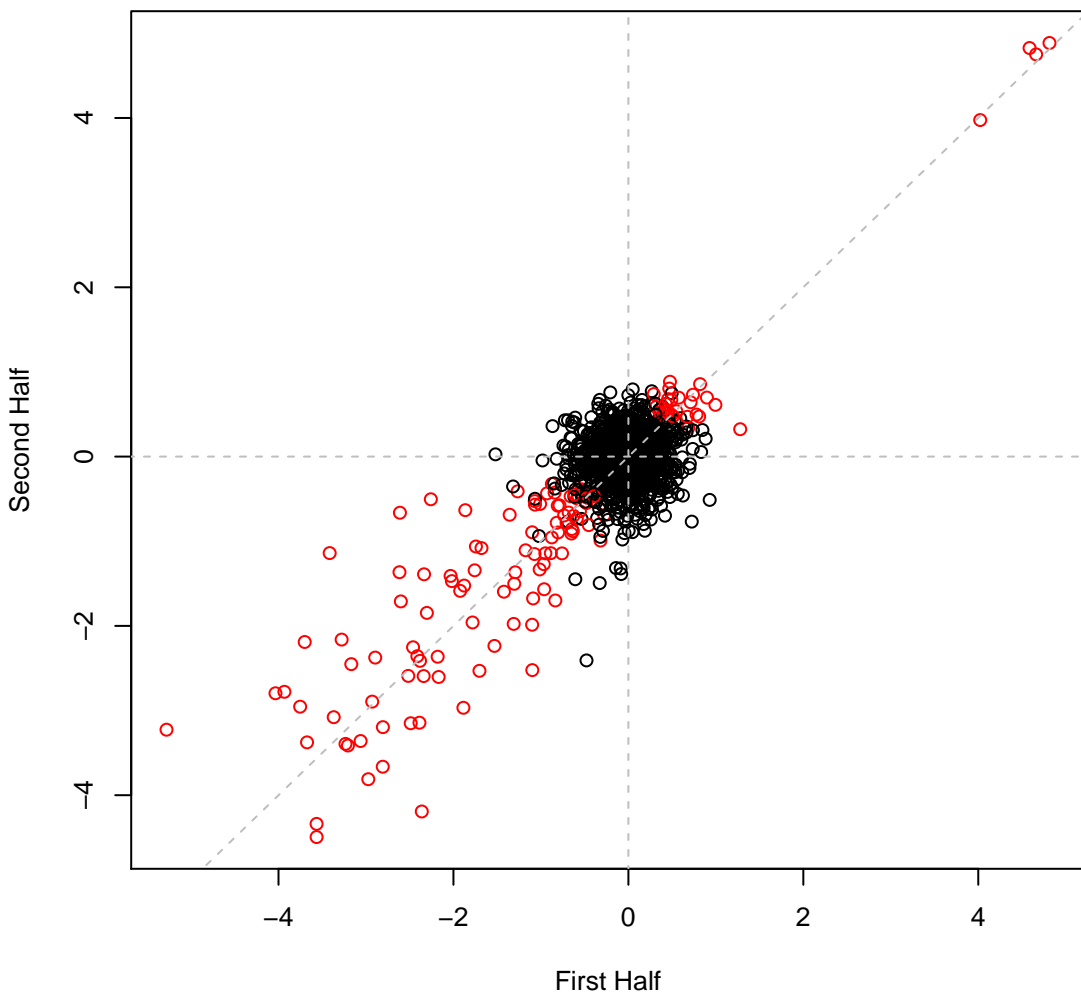
**Phaeo set5H13 #221 (gMed=211 rho12=0.373)**  
 **$\alpha$ -Ketoglutaric (C)**



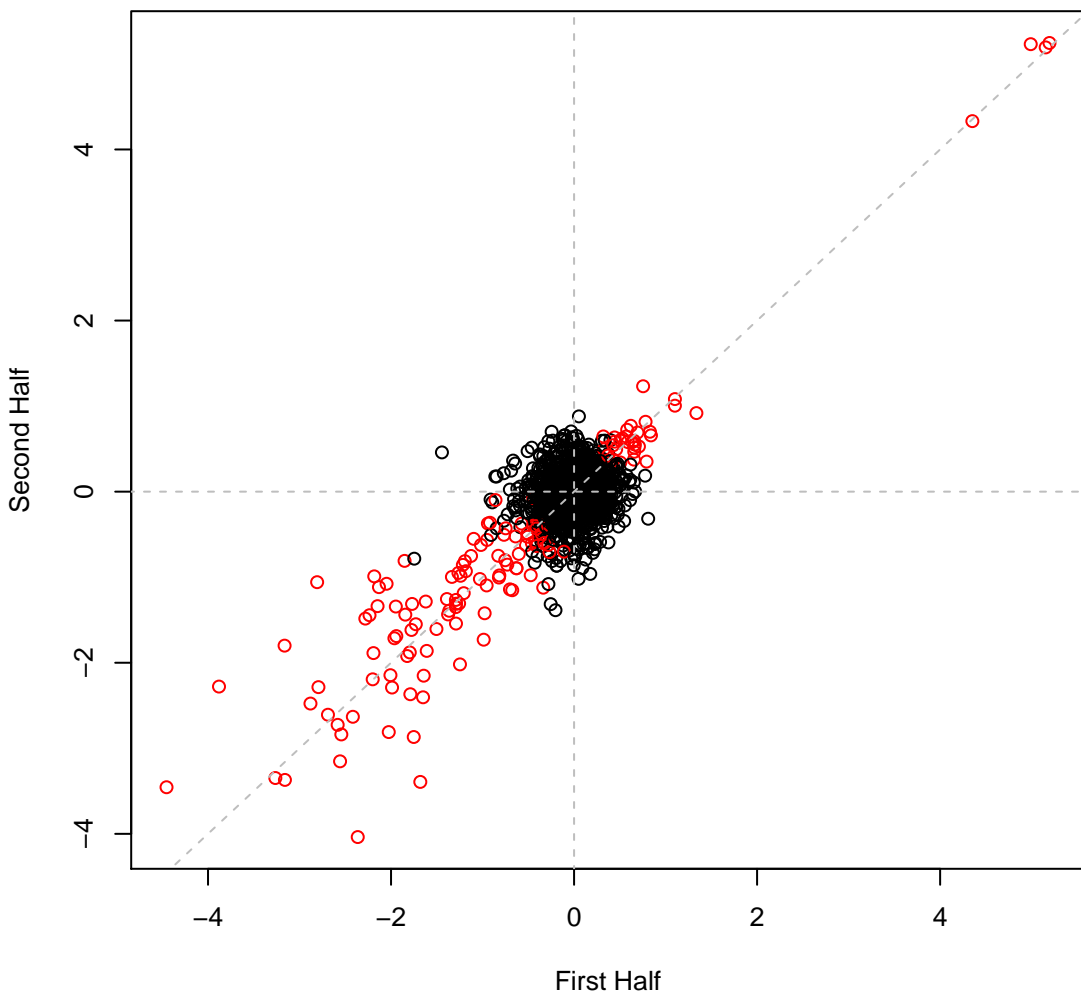
**Phaeo set5H14 #222 (gMed=159 rho12=0.319)**  
 **$\alpha$ -Ketoglutaric (C)**



**Phaeo set5H15 #223 (gMed=252 rho12=0.233)**  
**acetate (C)**

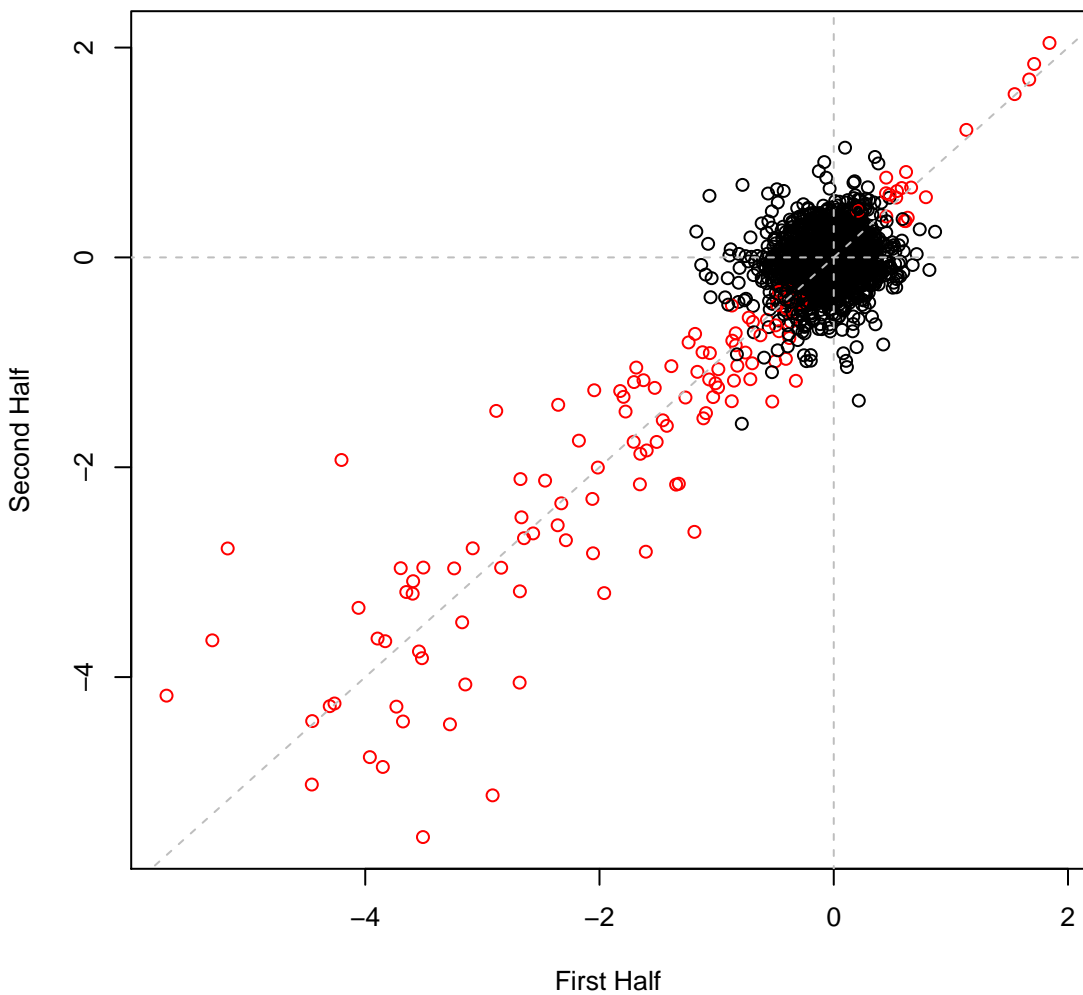


**Phaeo set5H16 #224 (gMed=277 rho12=0.260)**  
**acetate (C)**



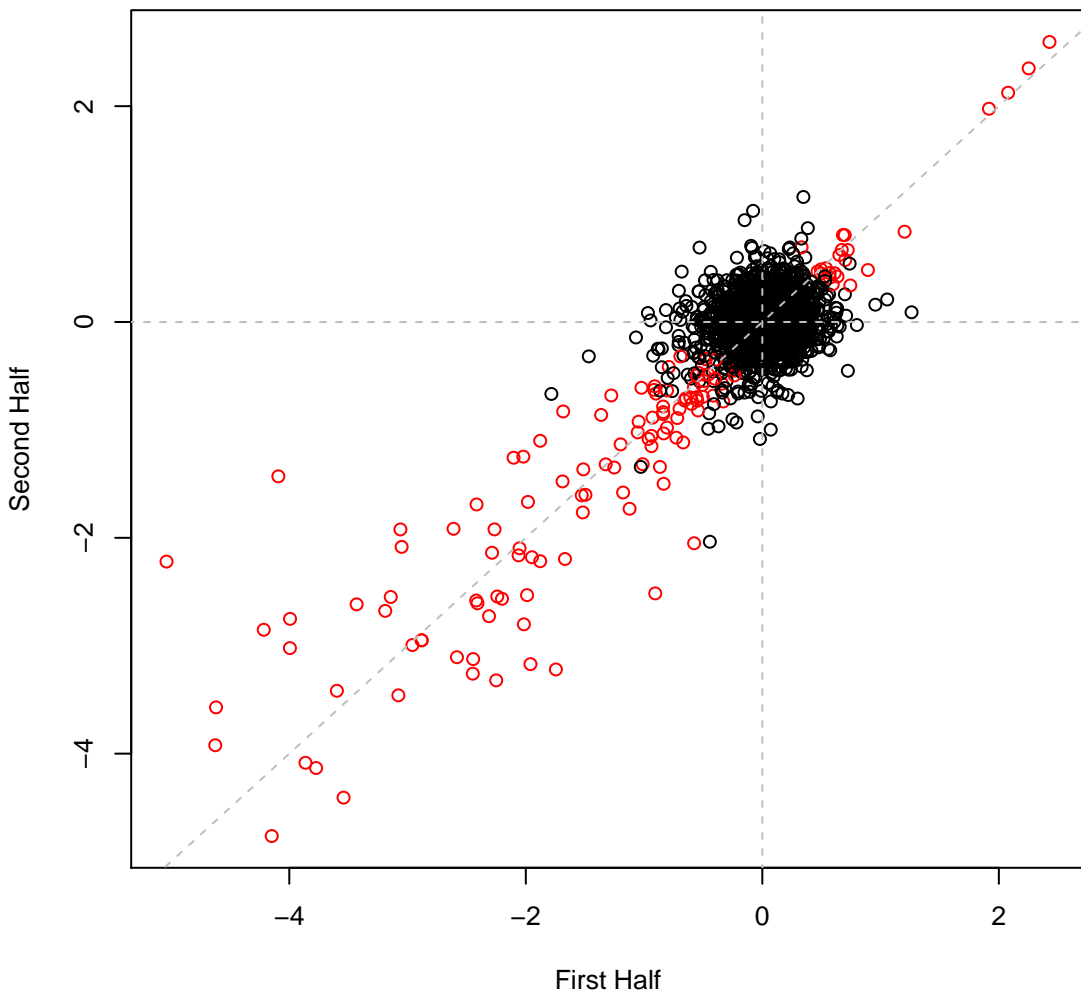


**Phaeo set5H17 #225 (gMed=225 rho12=0.276)**  
**Fumarate (C)**

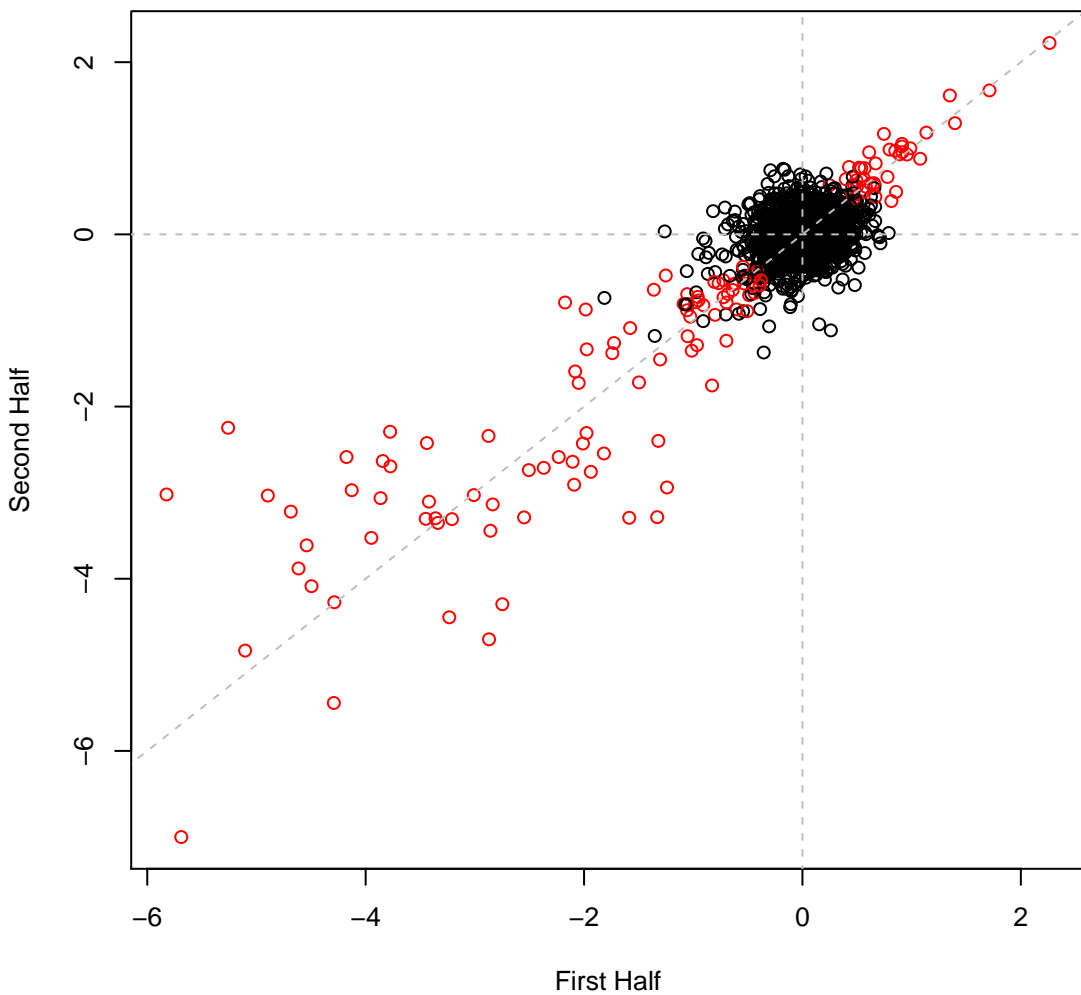


Phaeo set5H18 #226 (gMed=234 rho12=0.263)

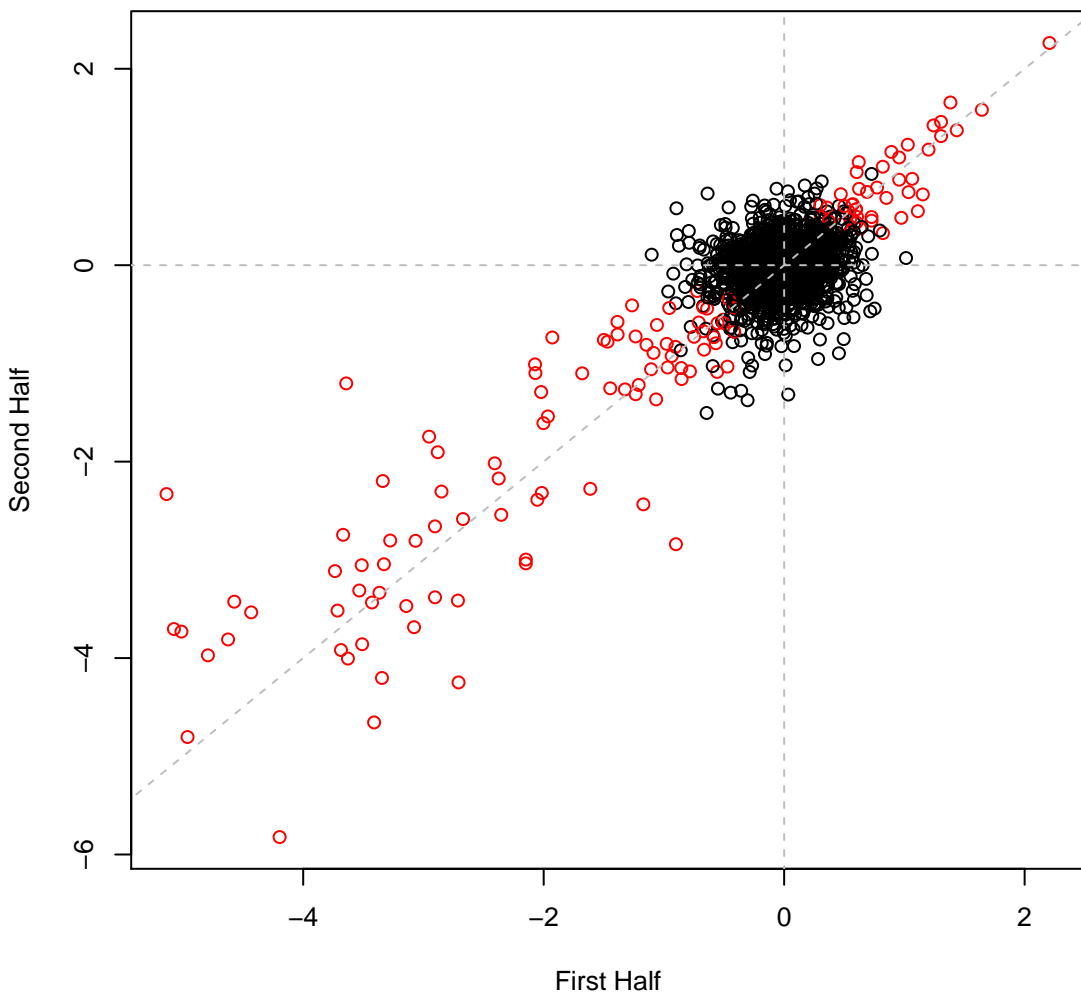
Fumarate (C)



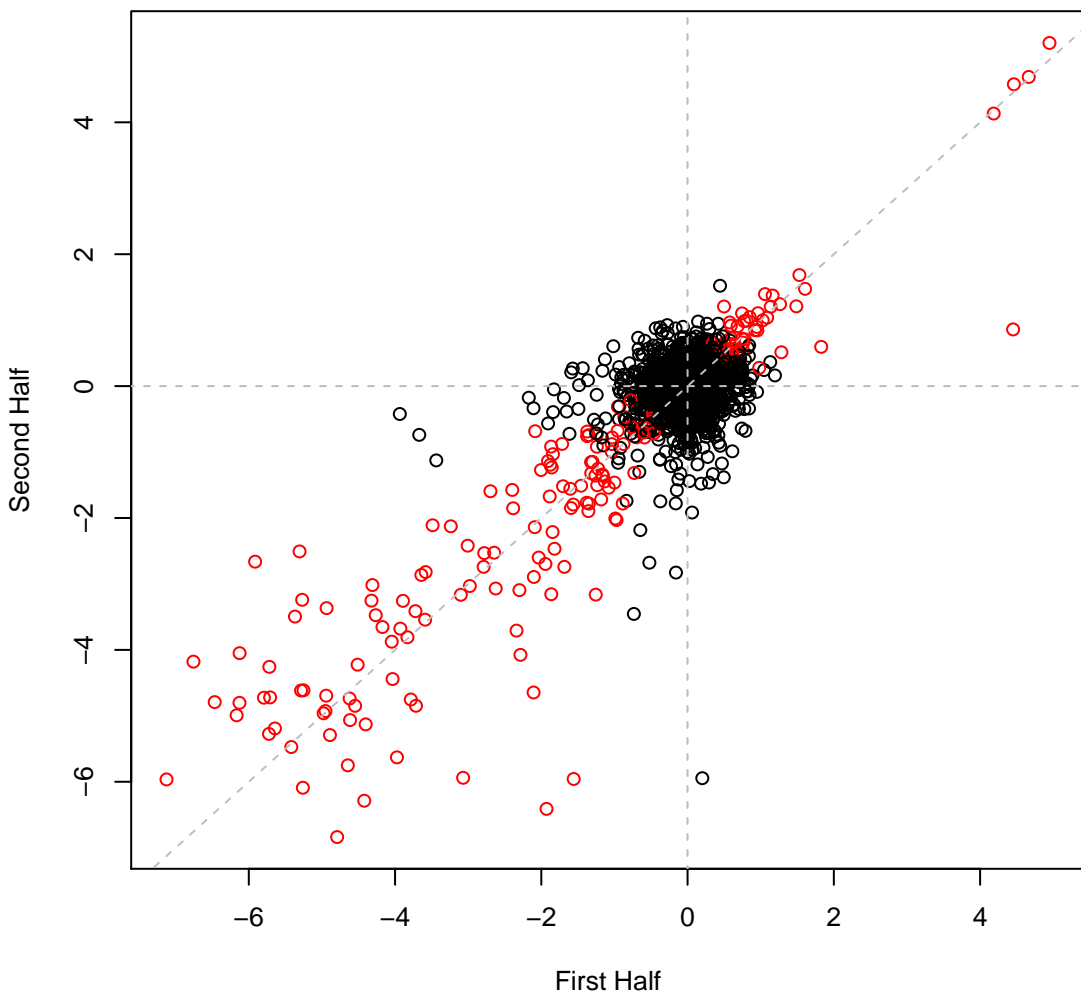
**Phaeo set5H19 #227 (gMed=230 rho12=0.310)**  
**D-Cellobiose (C)**



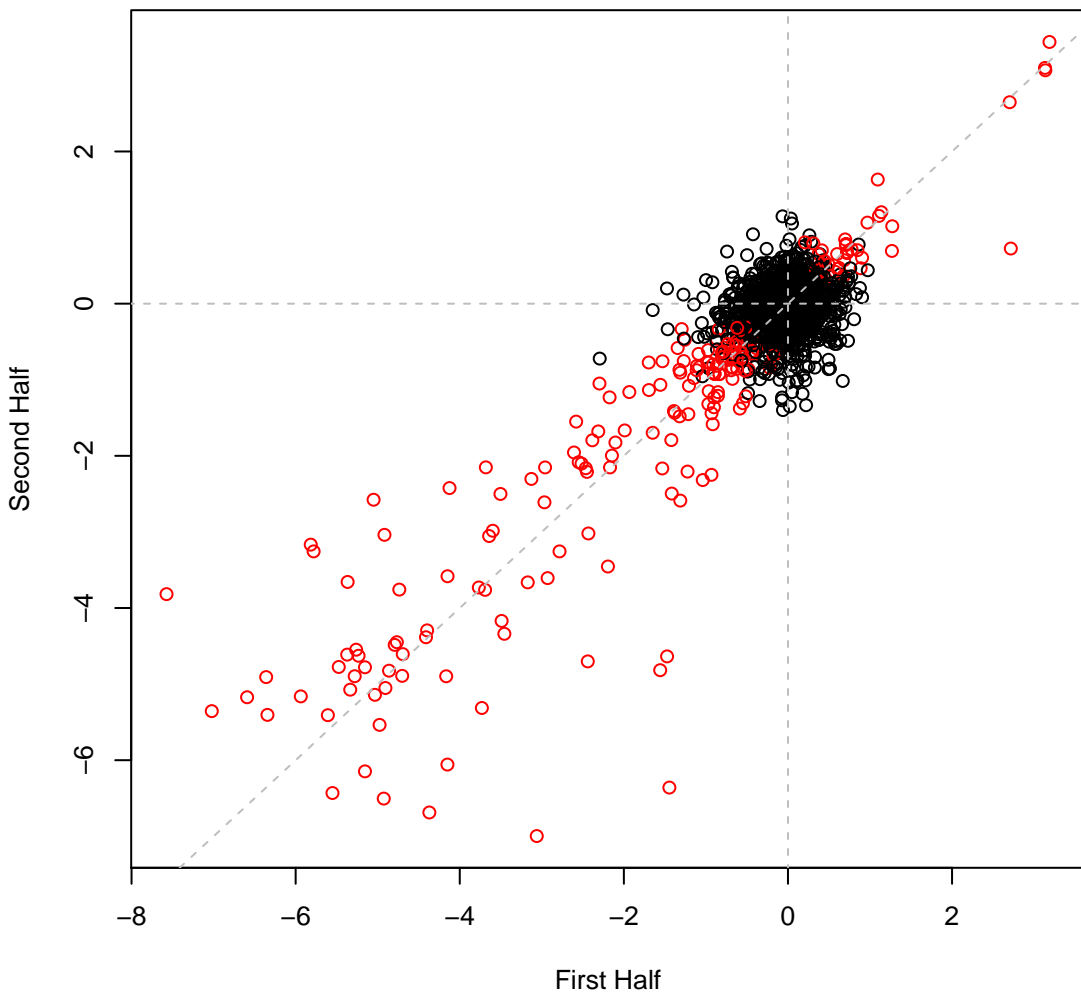
**Phaeo set5H20 #228 (gMed=233 rho12=0.311)**  
**D-Cellobiose (C)**



**Phaeo set5H21 #229 (gMed=207 rho12=0.329)**  
**Trisodium citrate (C)**

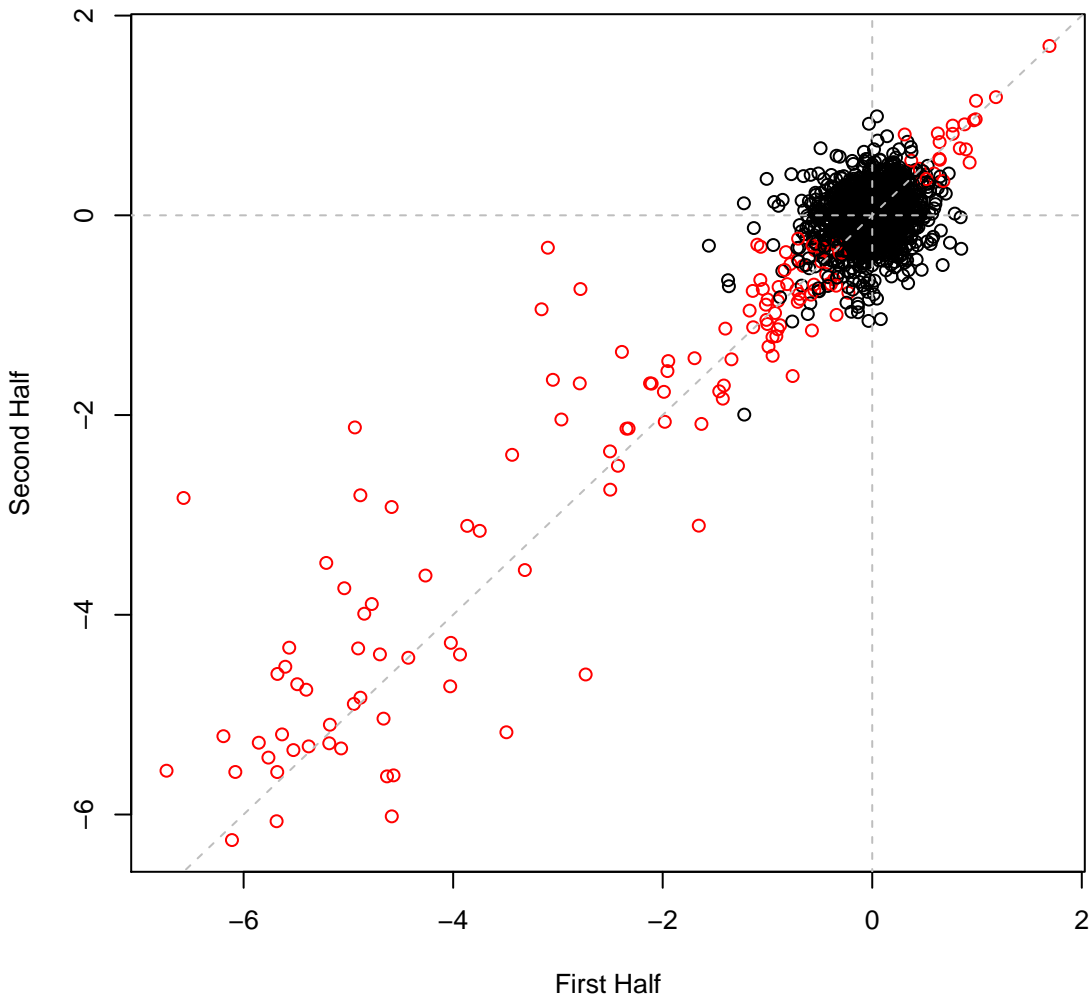


**Phaeo set5H22 #230 (gMed=290 rho12=0.344)**  
**Trisodium citrate (C)**



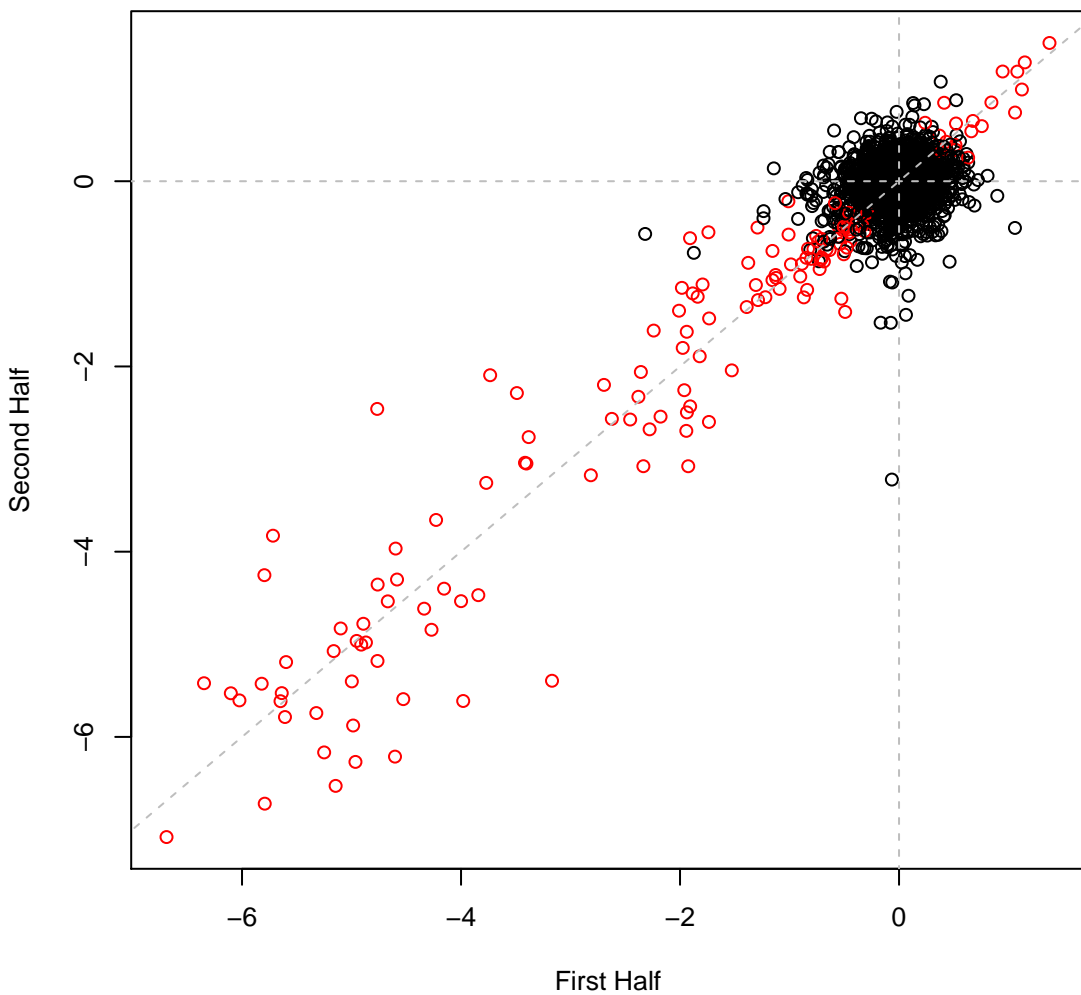
Phaeo set5H23 #231 (gMed=170 rho12=0.296)

L-Lactate (C)



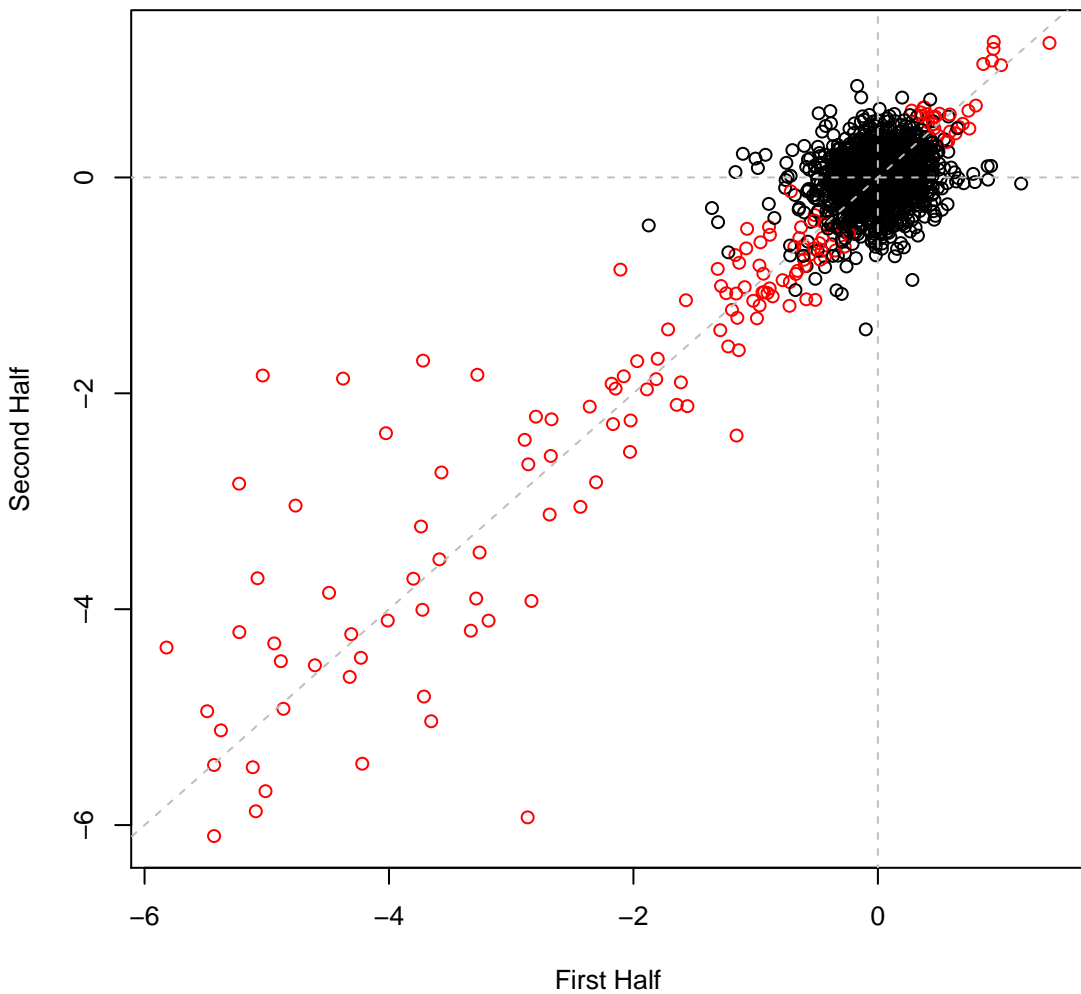
Phaeo set5H24 #232 (gMed=165 rho12=0.305)

L-Lactate (C)

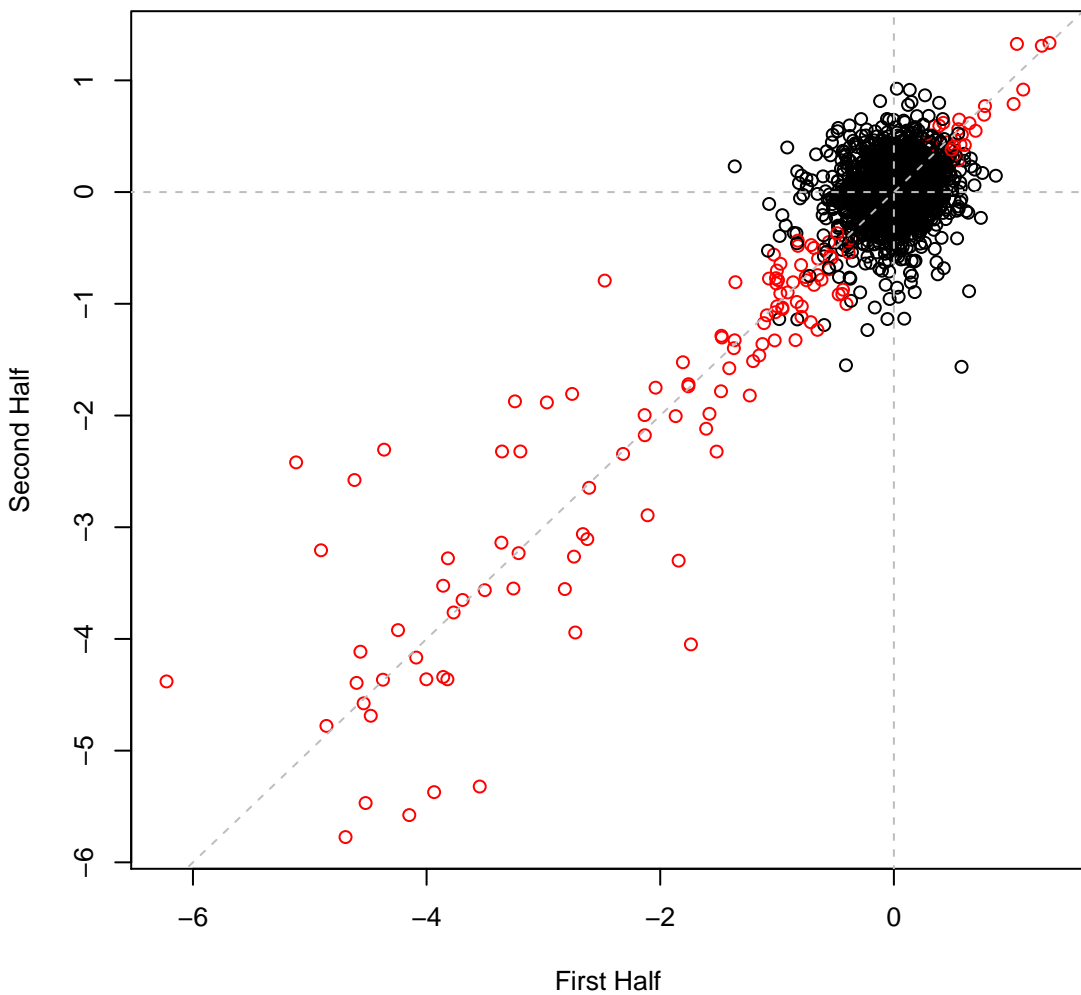




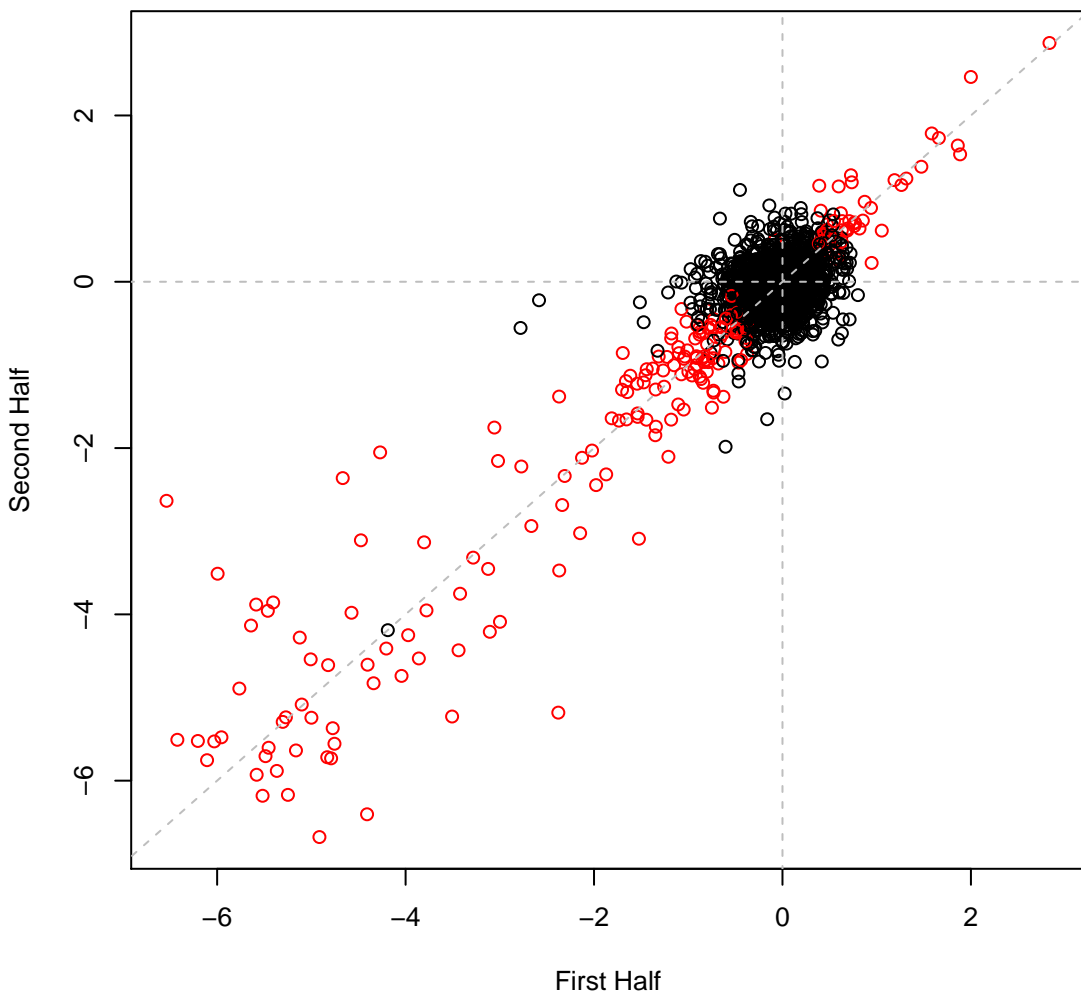
**Phaeo set5H25 #233 (gMed=223 rho12=0.293)**  
**D,L-Lactate (C)**



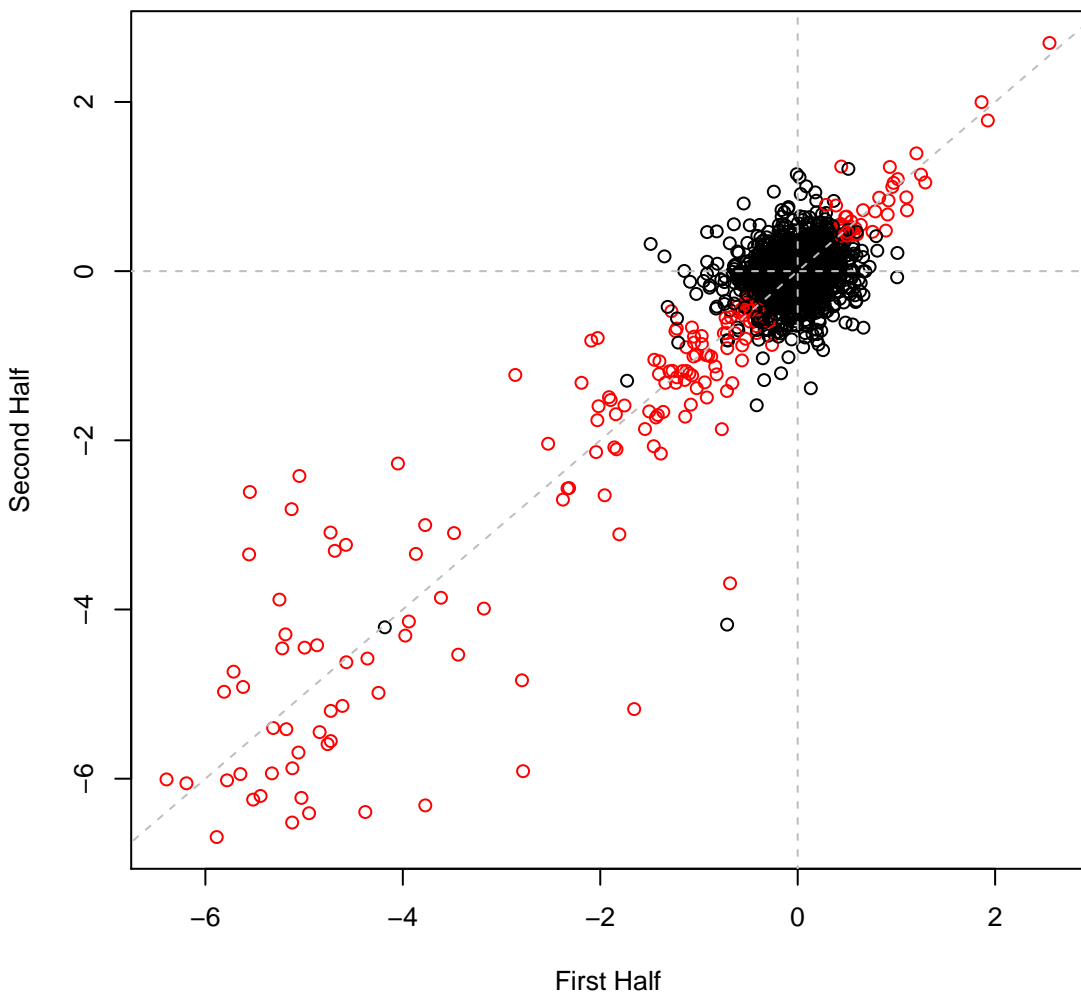
**Phaeo set5H26 #234 (gMed=207 rho12=0.281)**  
**D,L-Lactate (C)**



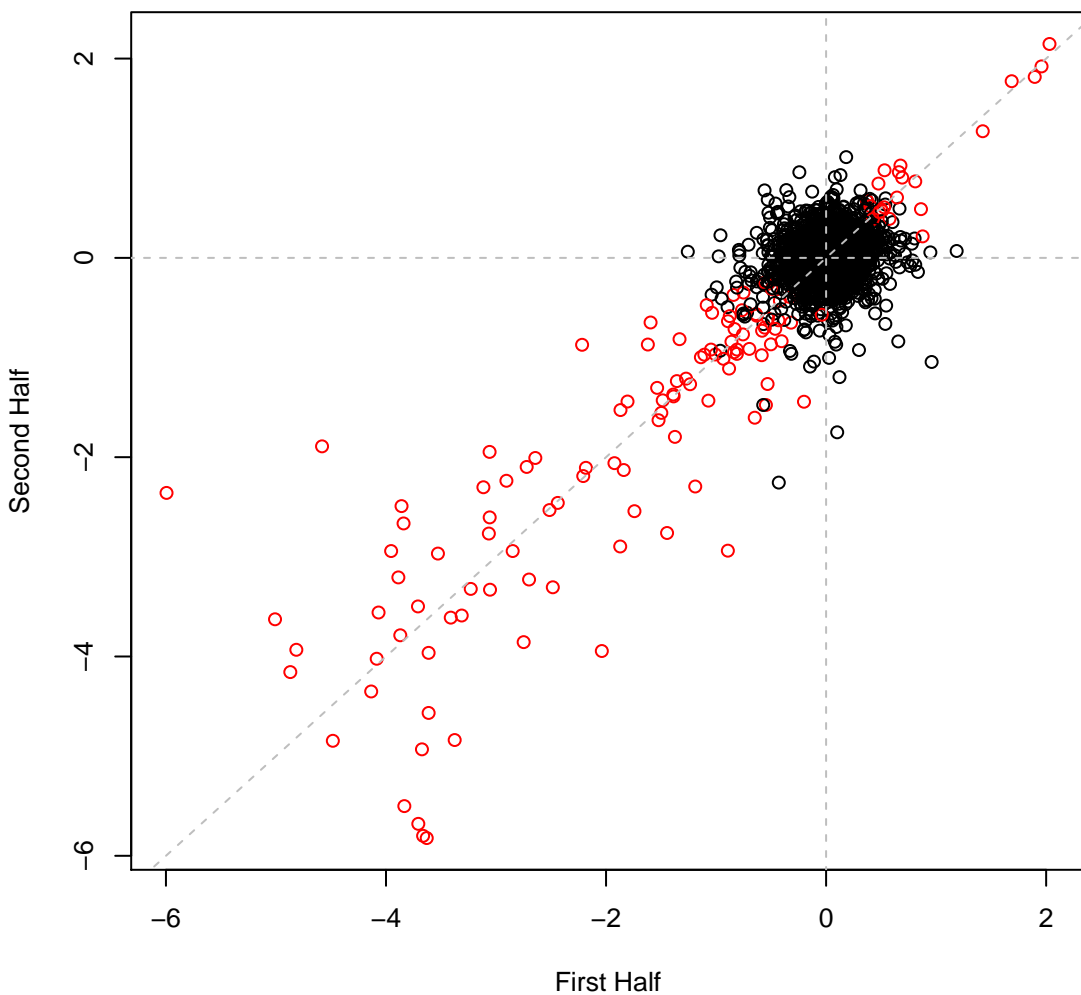
**Phaeo set5H27 #235 (gMed=166 rho12=0.373)**  
**pyruvate (C)**



**Phaeo set5H28 #236 (gMed=168 rho12=0.362)**  
**pyruvate (C)**



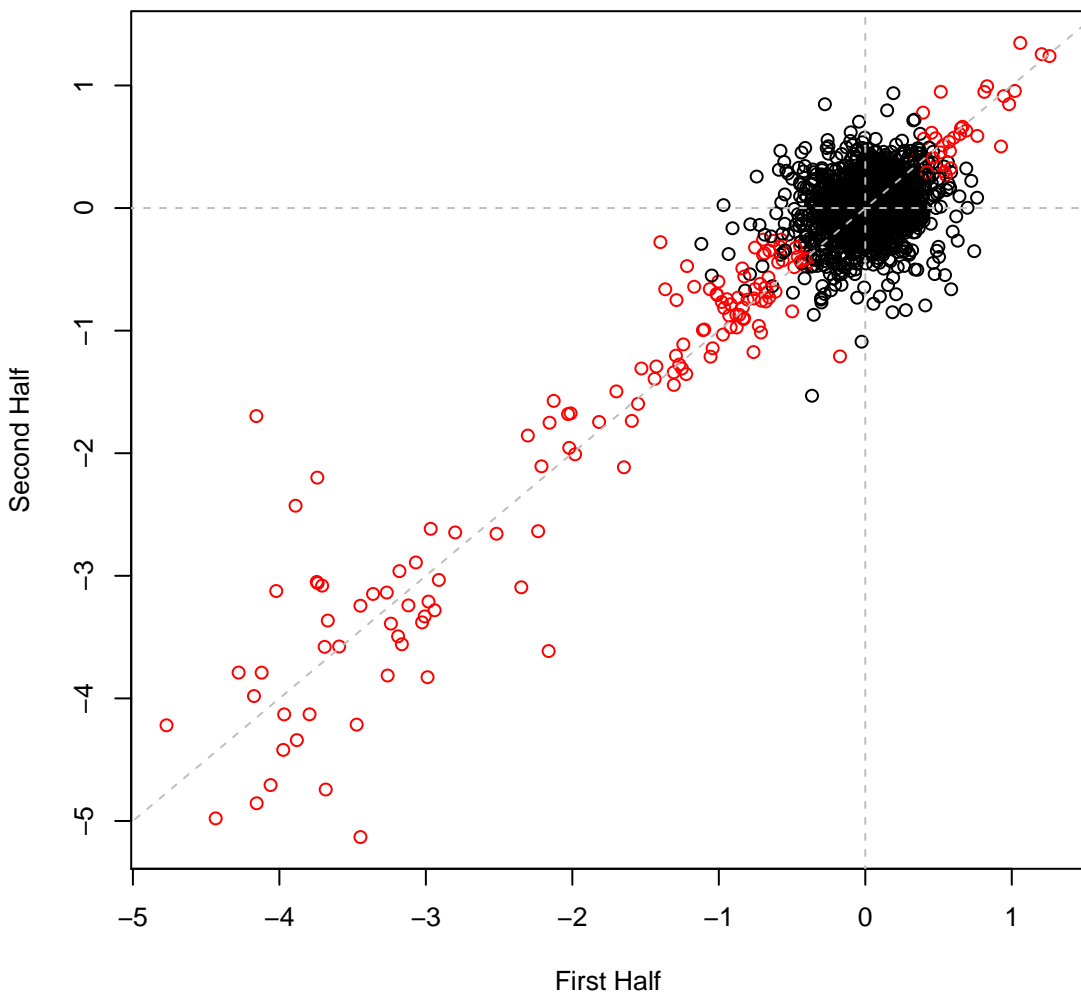
**Phaeo set5H29 #237 (gMed=214 rho12=0.259)**  
**succinate (C)**



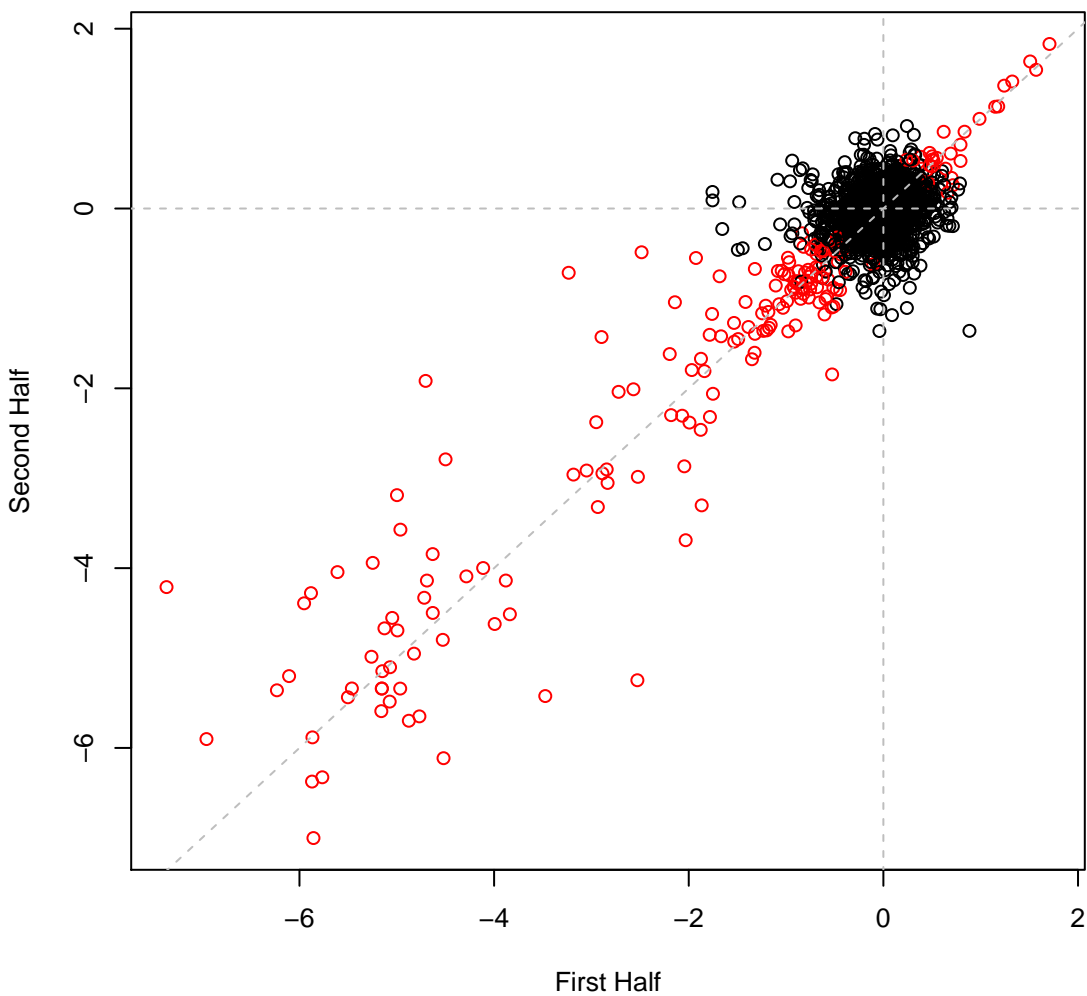
**succinate (C)**



**Phaeo set5H31 #239 (gMed=321 rho12=0.329)**  
**propionate (C)**

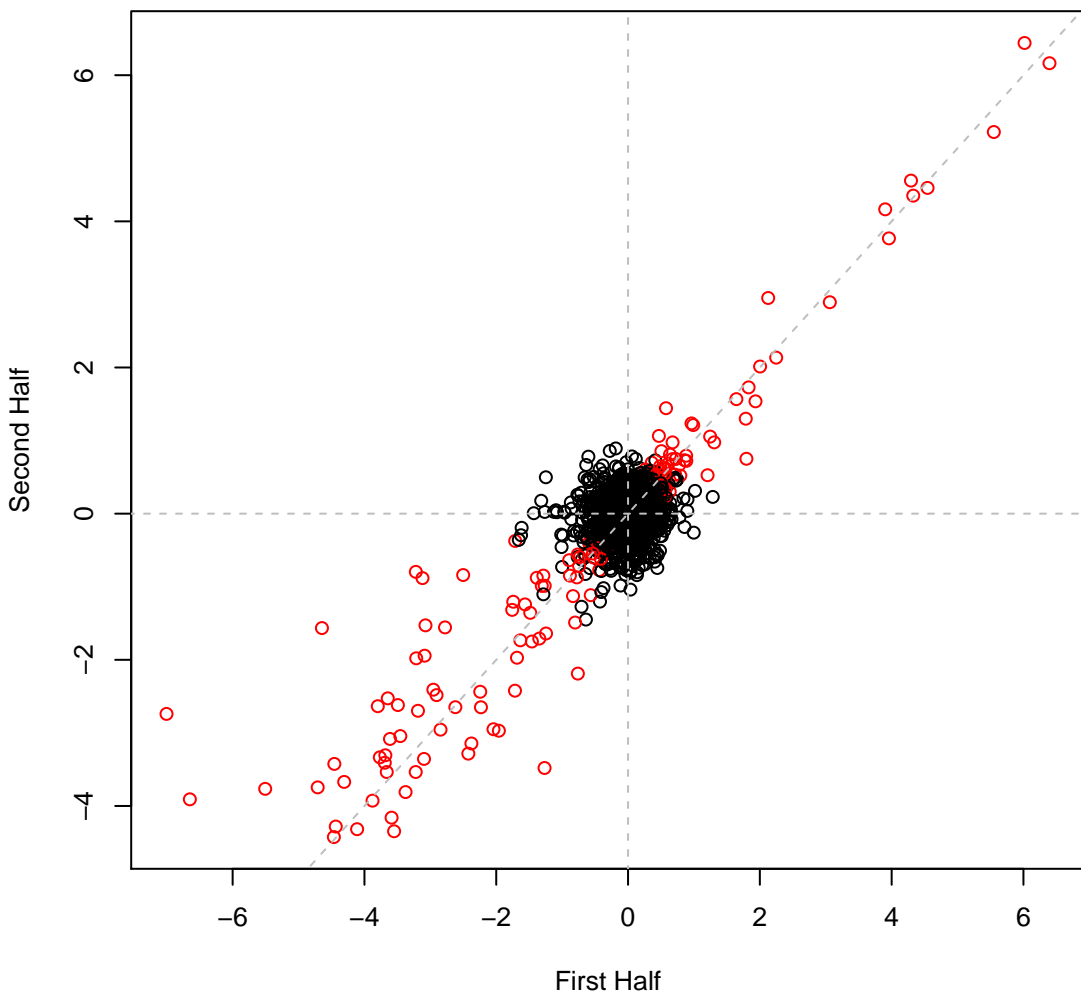


**Phaeo set5H32 #240 (gMed=236 rho12=0.362)**  
**propionate (C)**

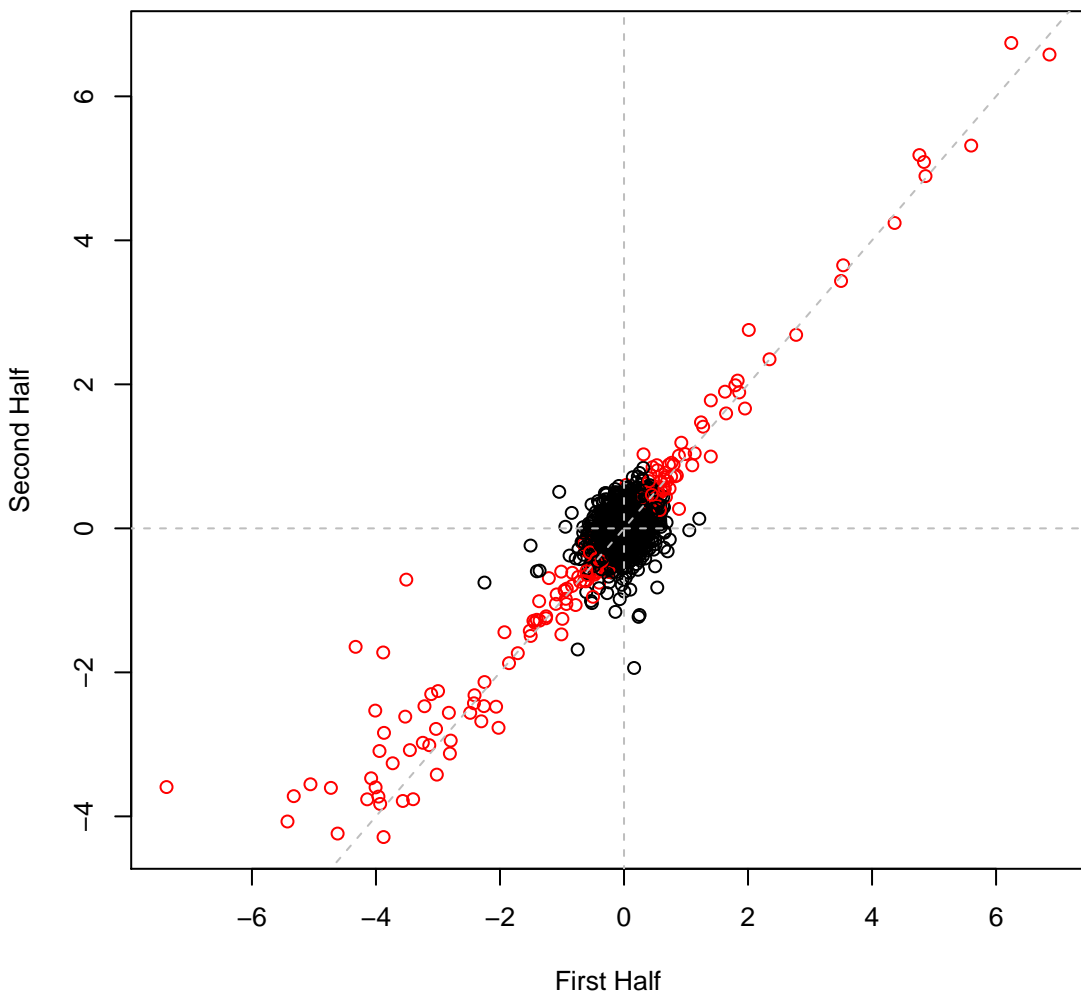




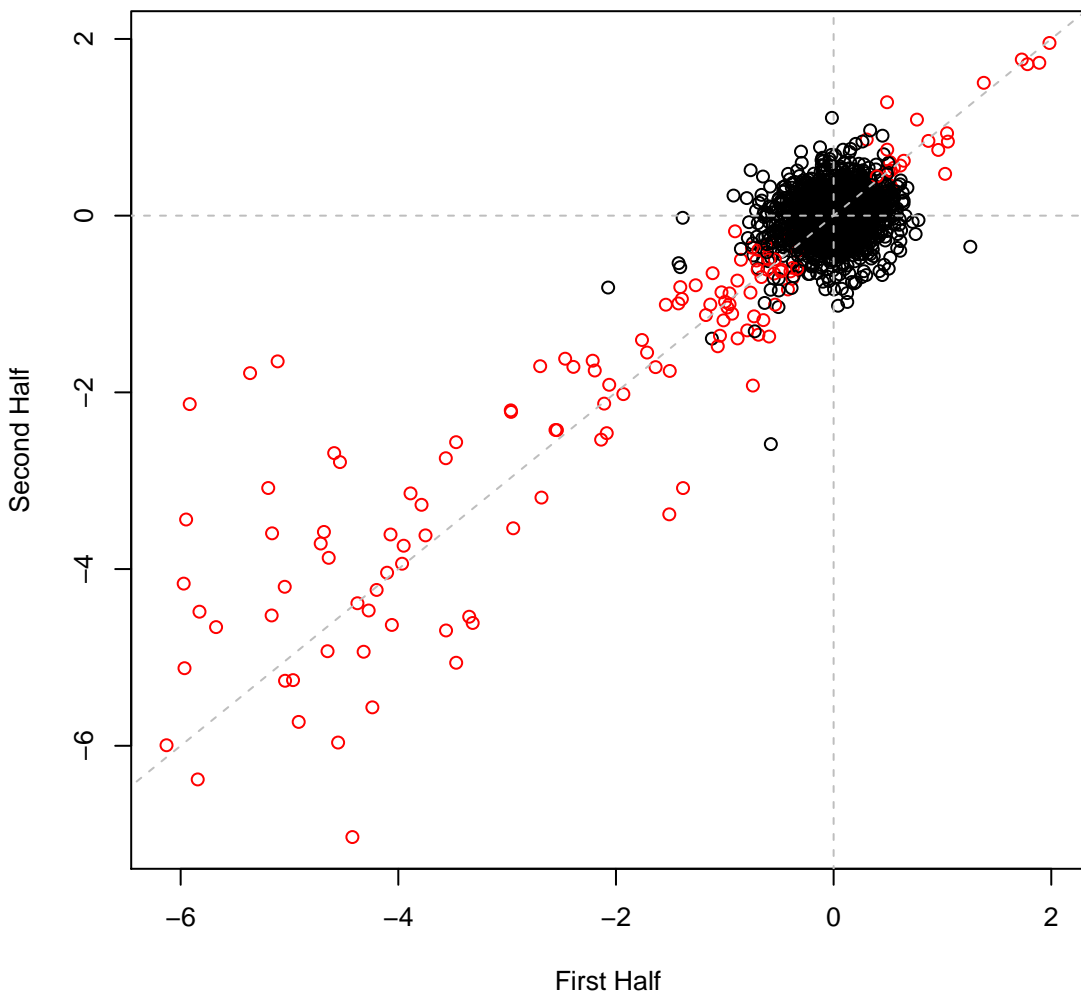
**Phaeo set5H33 #241 (gMed=185 rho12=0.308)**  
**D-Mannitol (C)**



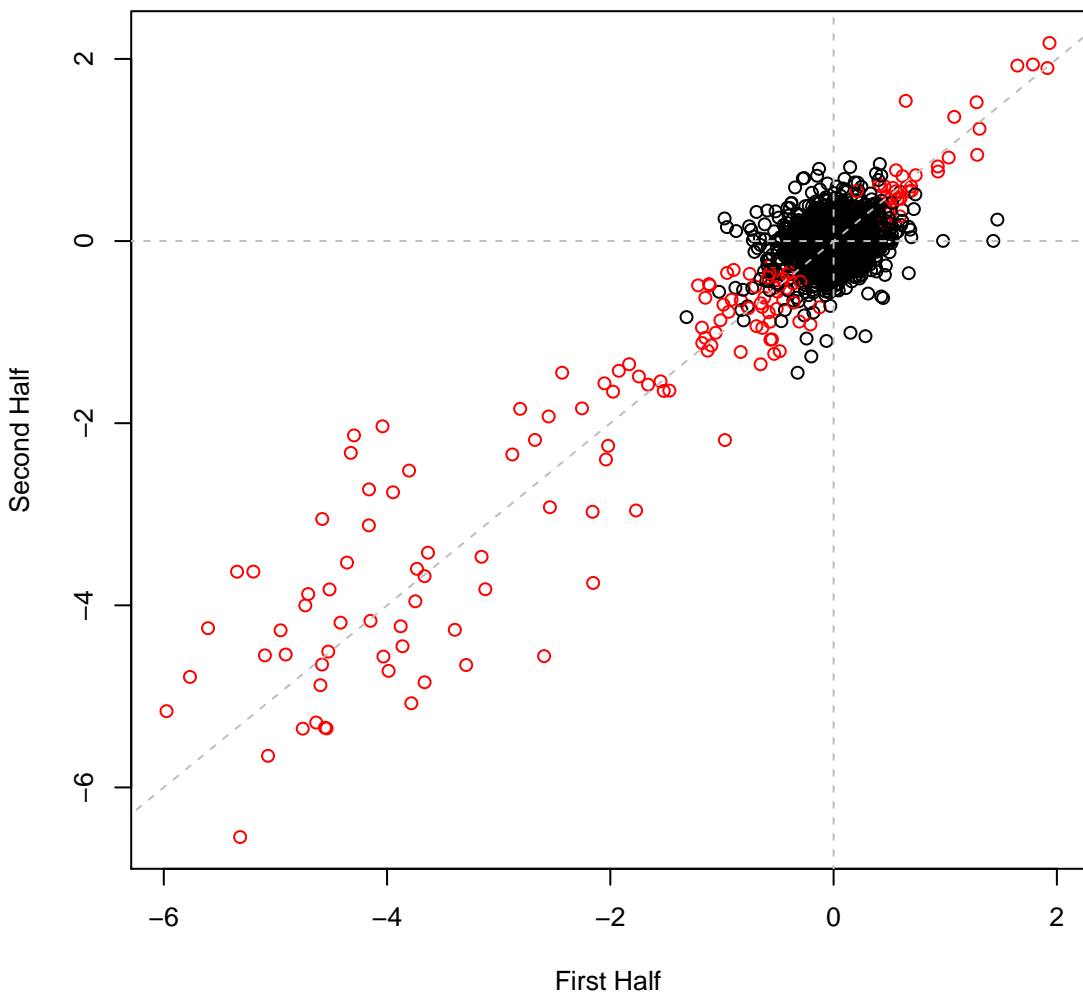
**Phaeo set5H34 #242 (gMed=277 rho12=0.385)**  
**D-Mannitol (C)**



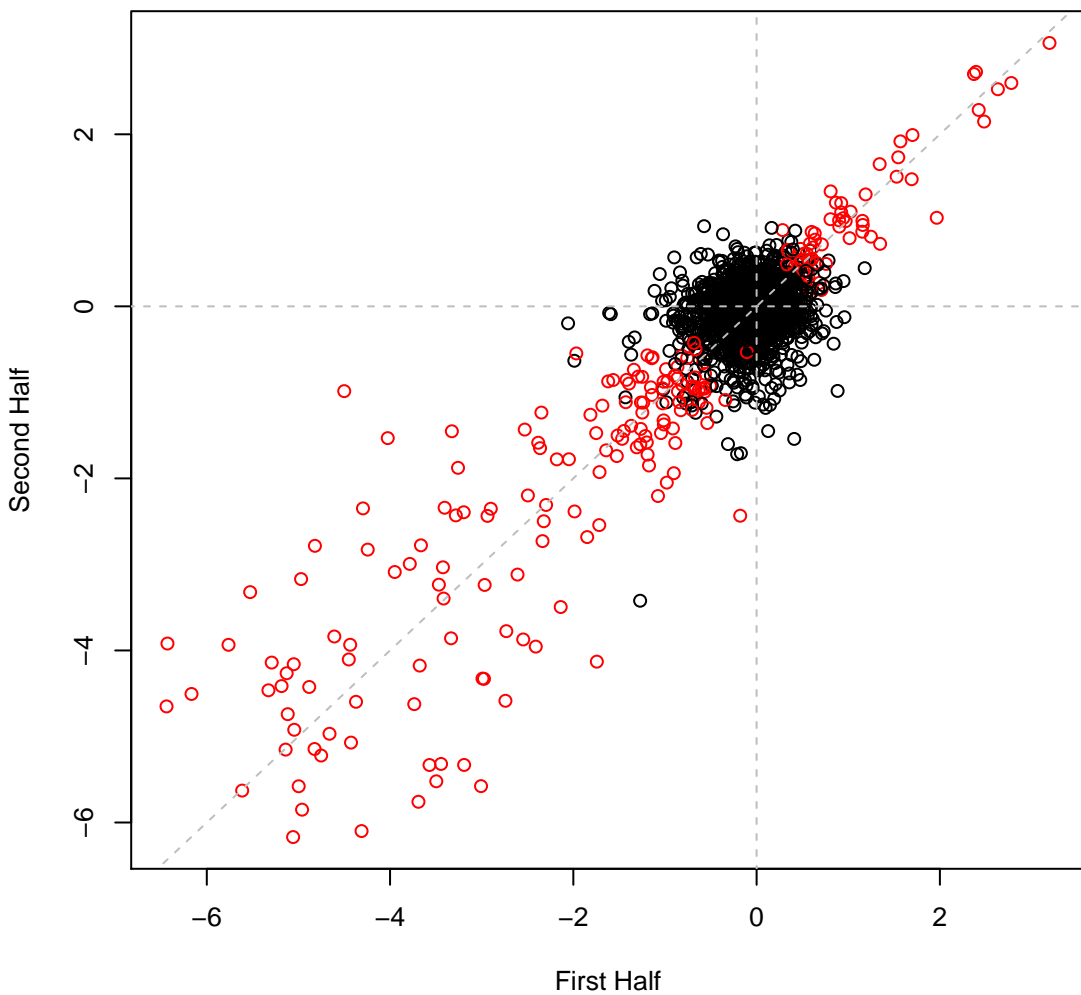
**m-Inositol (C)**



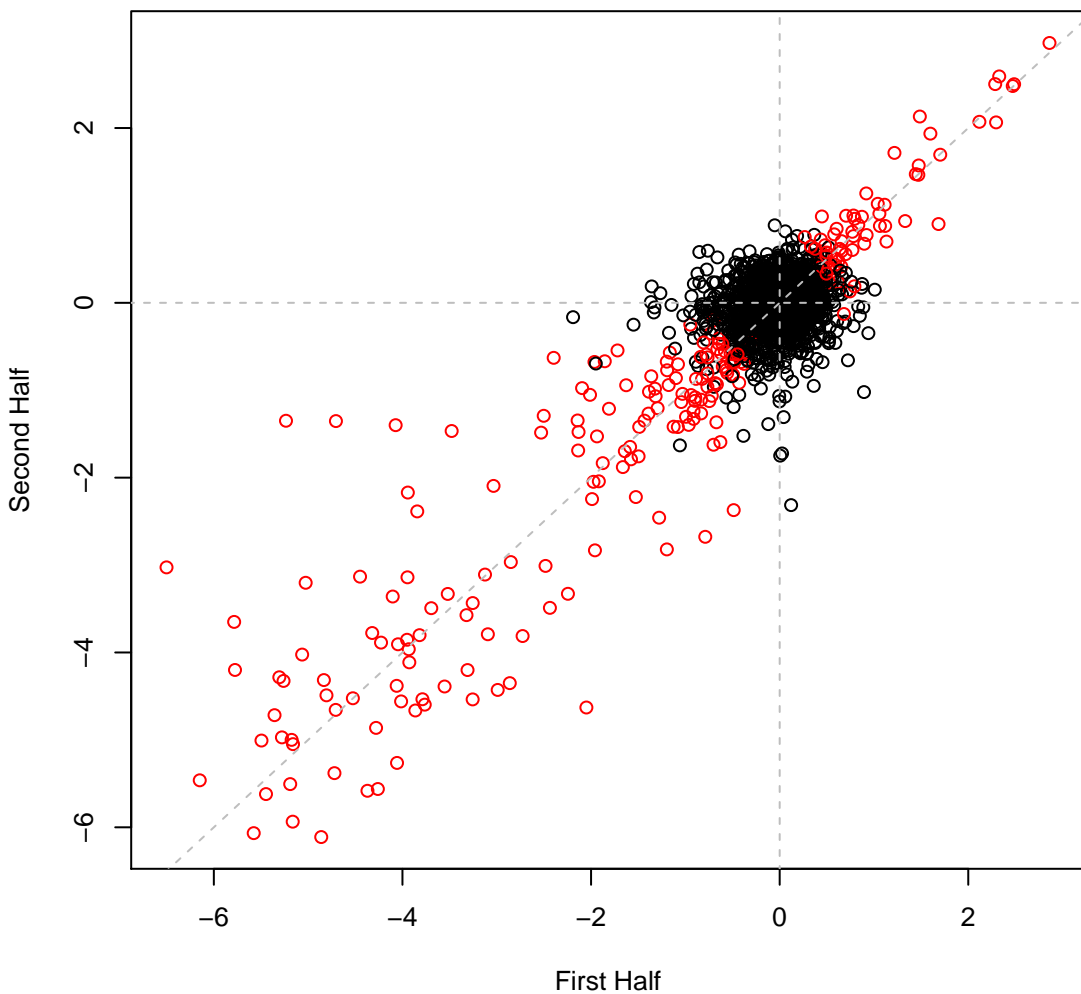
**Phaeo set5H36 #244 (gMed=271 rho12=0.311)**  
**m-Inositol (C)**



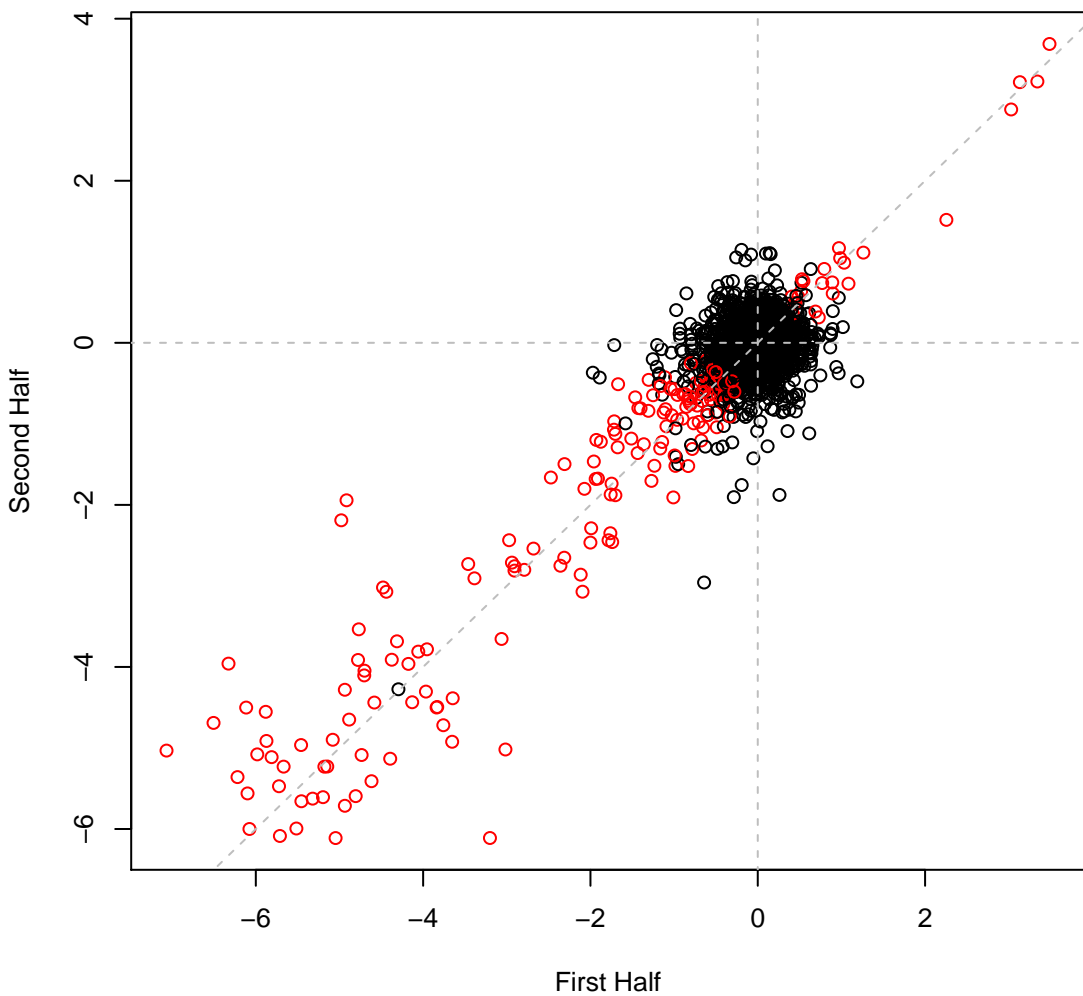
**Phaeo set5H37 #245 (gMed=199 rho12=0.375)**  
**D-Sorbitol (C)**



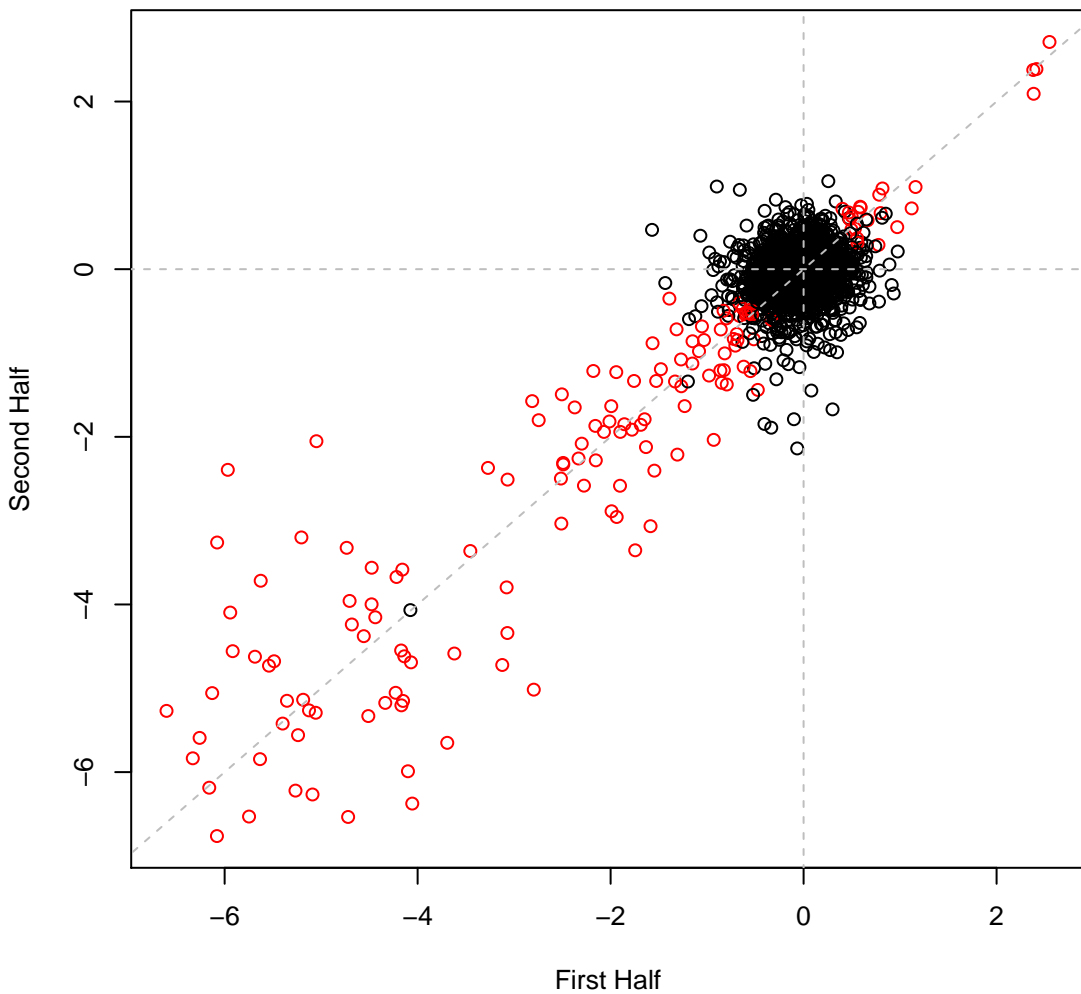
**Phaeo set5H38 #246 (gMed=214 rho12=0.383)**  
**D-Sorbitol (C)**



**Phaeo set5H39 #247 (gMed=185 rho12=0.311)**  
**L-Malic (C)**

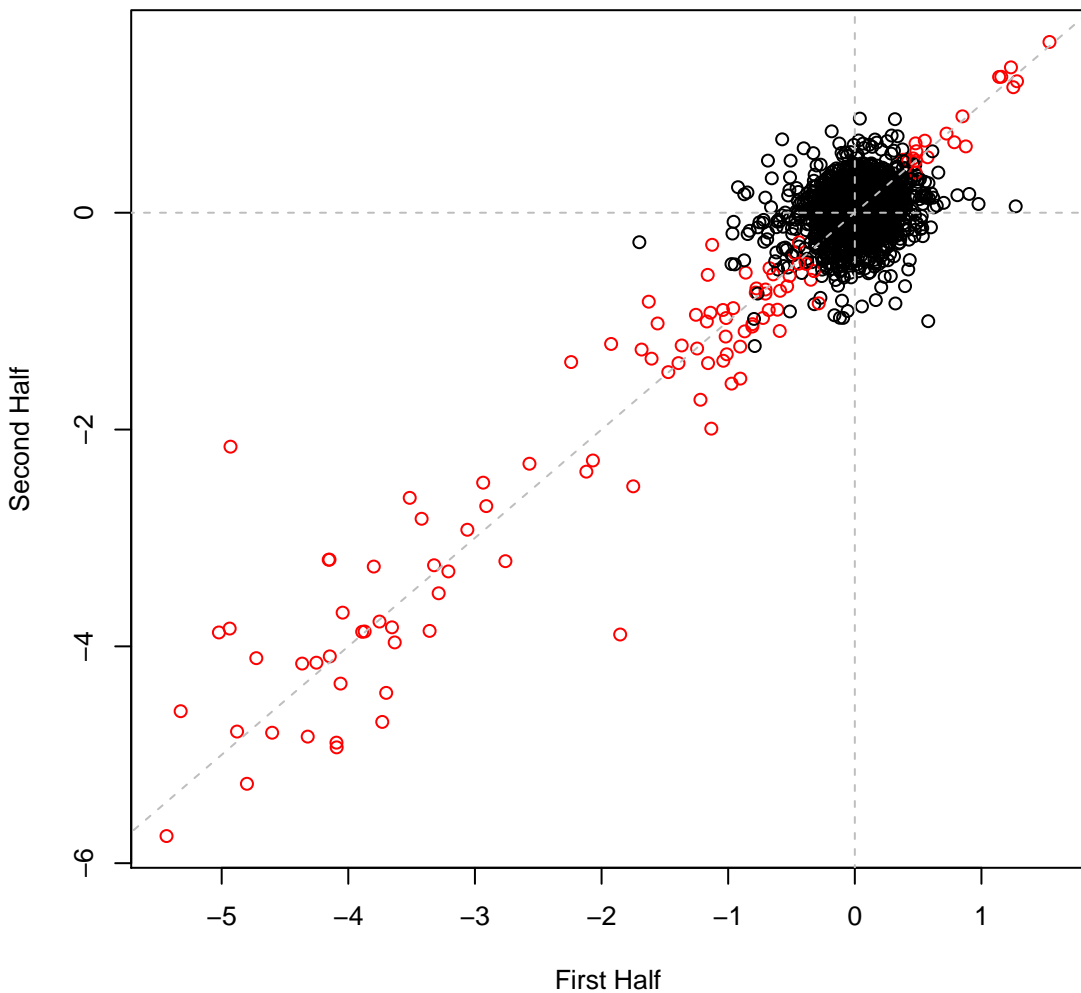


**Phaeo set5H40 #248 (gMed=143 rho12=0.292)**  
**L-Malic (C)**

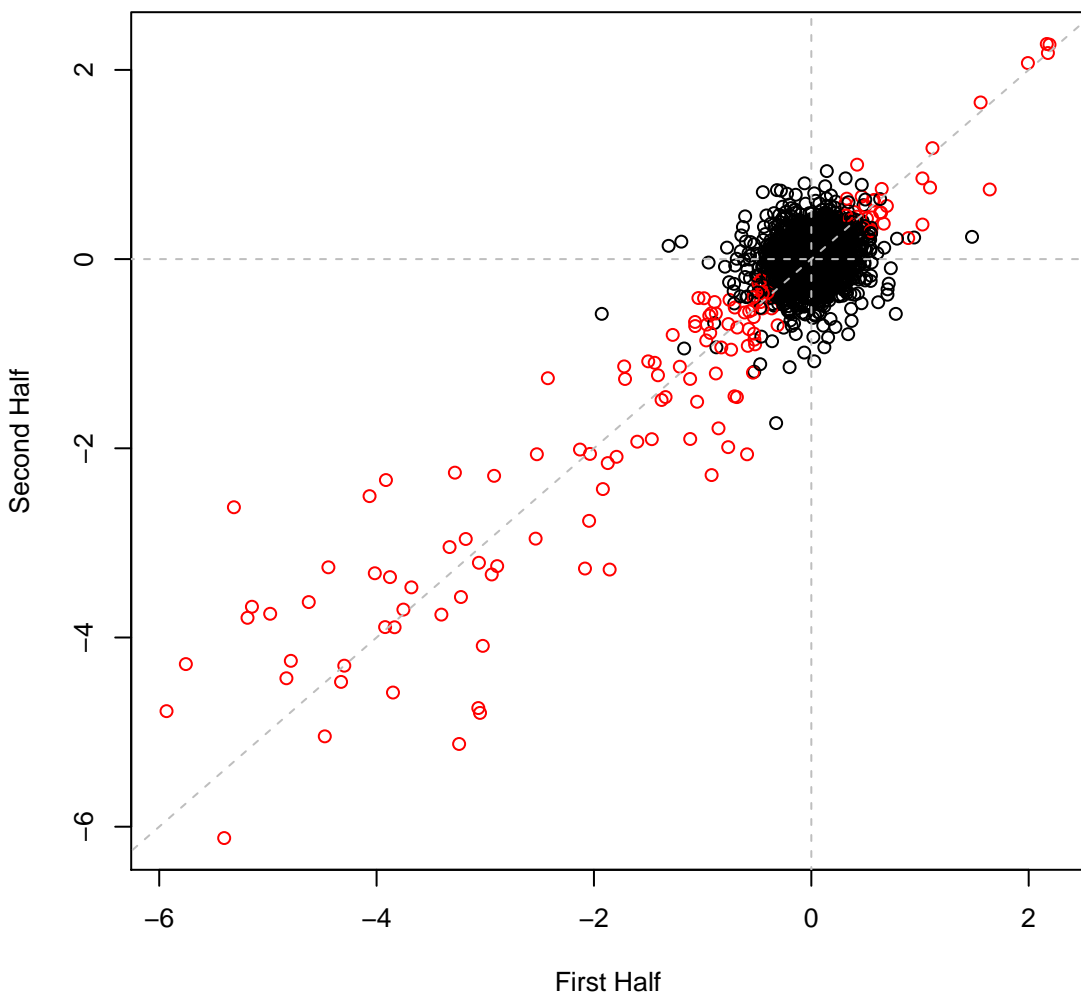




**Phaeo set5H41 #249 (gMed=226 rho12=0.282)**  
**D-Trehalose (C)**

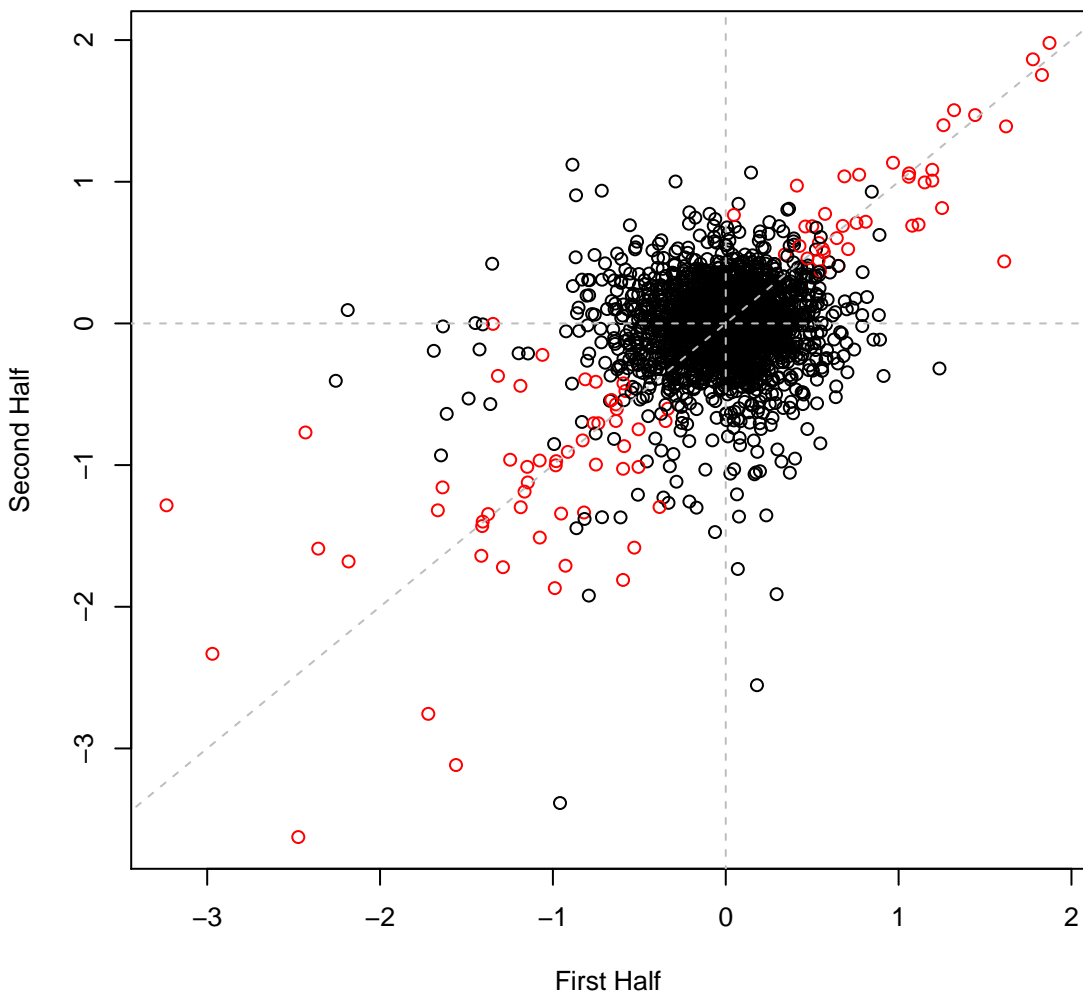


**Phaeo set5H42 #250 (gMed=224 rho12=0.287)**  
**D-Trehalose (C)**



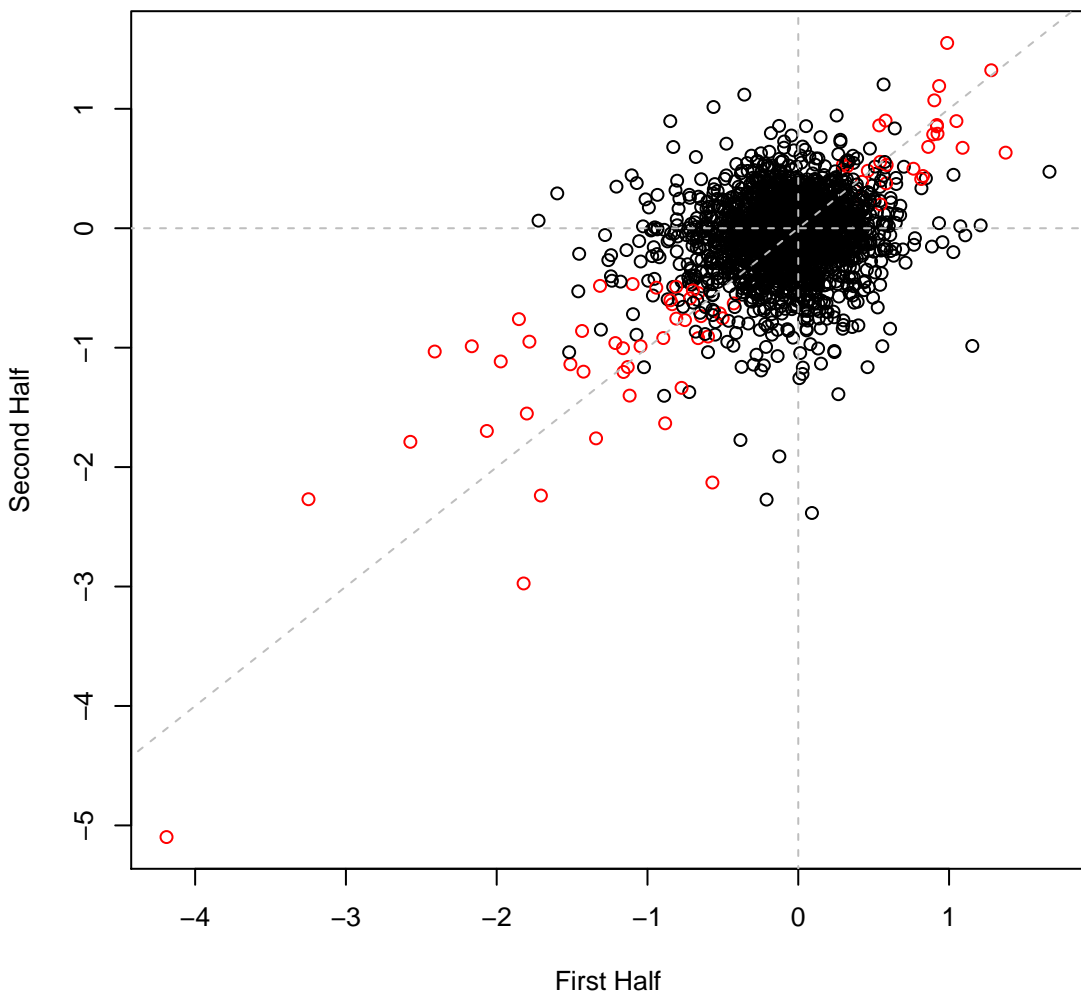
**Phaeo set5H43 #251 (gMed=162 rho12=0.157)**

**m.b. Nickel (II) chloride 0.625 mM**



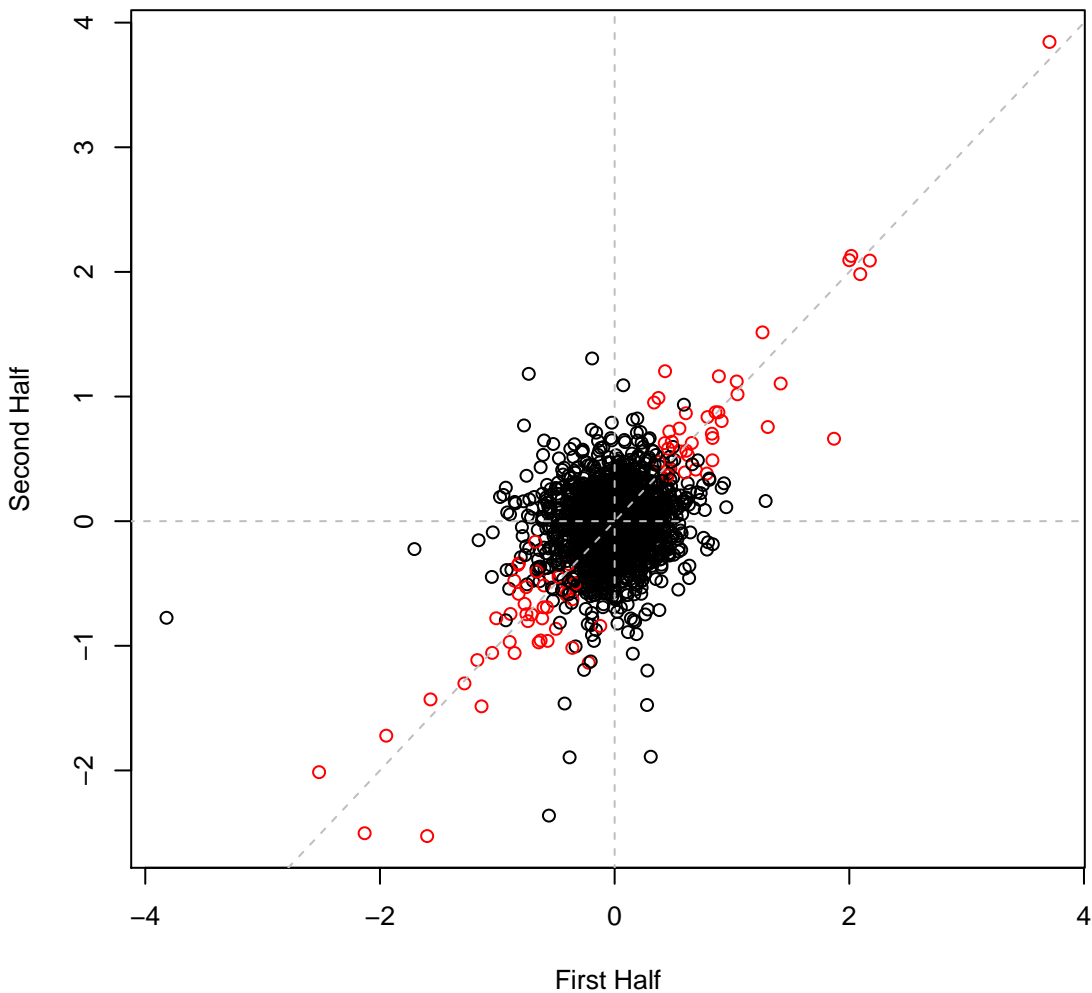
**Phaeo set5H44 #252 (gMed=202 rho12=0.172)**

**m.b. Nickel (II) chloride 1 mM**



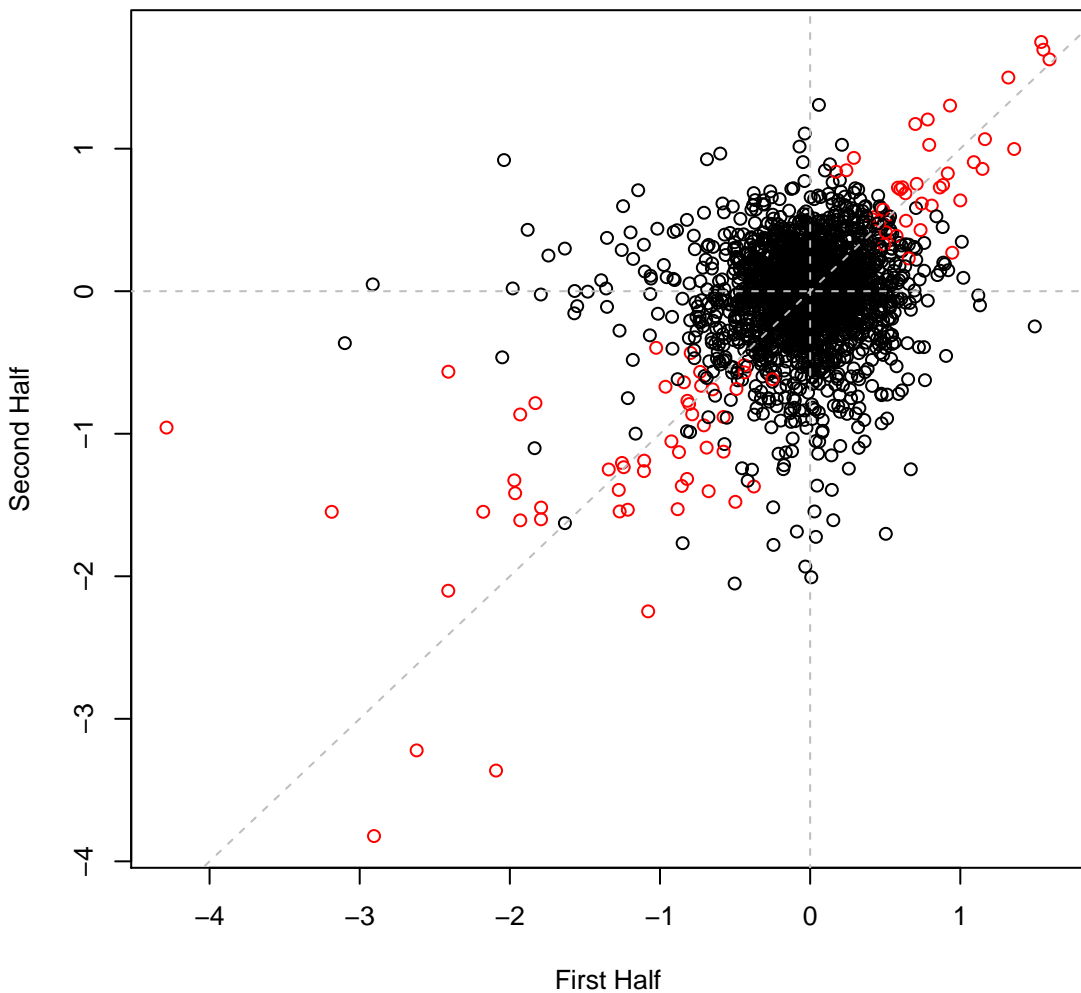
**Phaeo set5H45 #253 (gMed=328 rho12=0.200)**

**m.b. Cobalt chloride 0.625 mM**



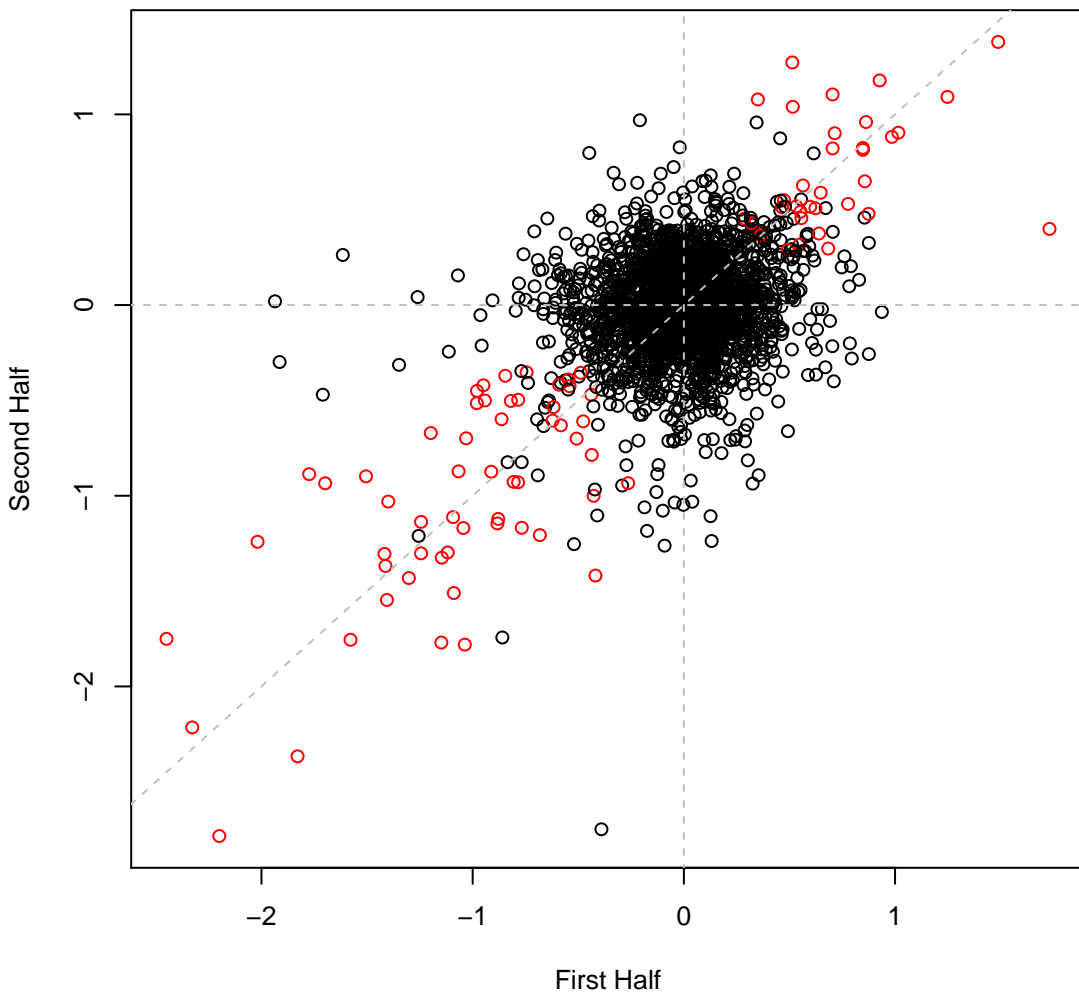
**Phaeo set5H46 #254 (gMed=100 rho12=0.170)**

**m.b. Nickel (II) chloride 0.625 mM**



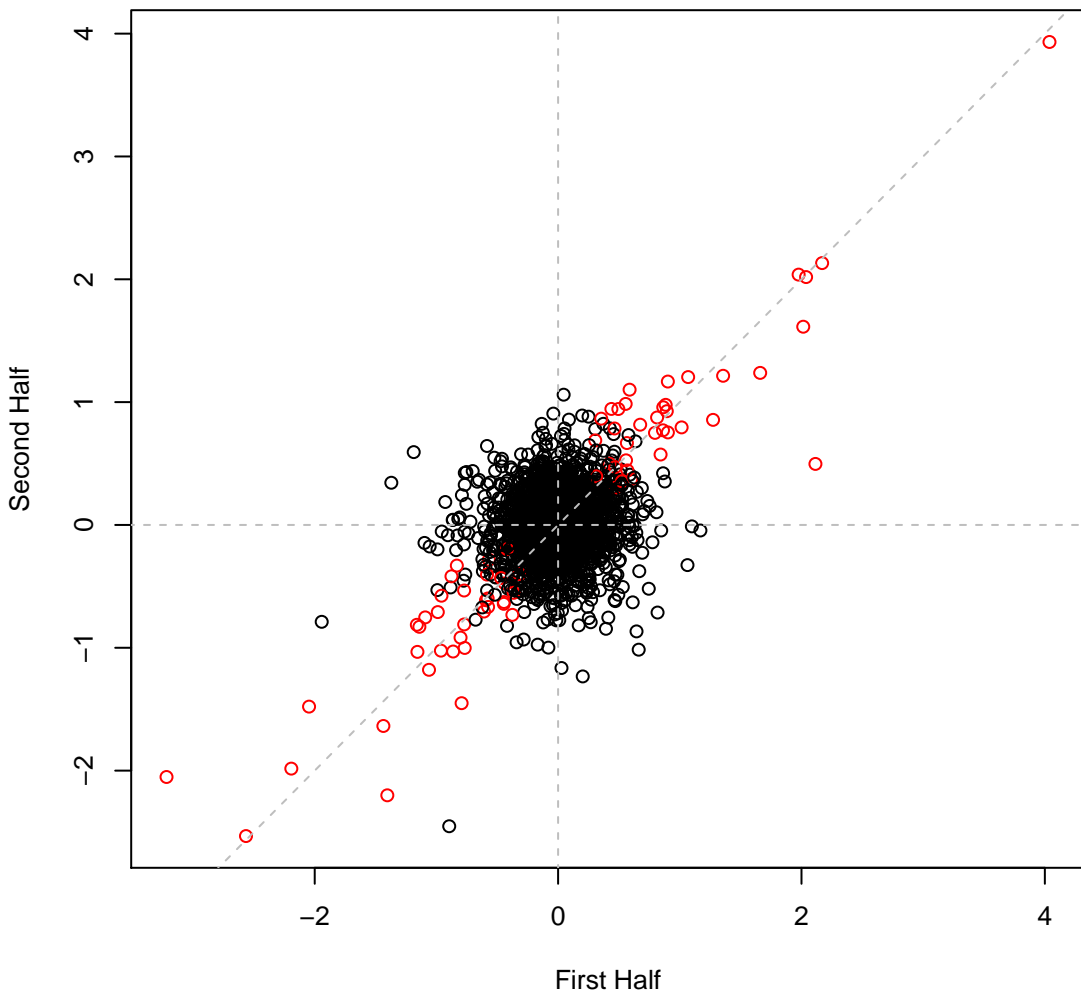
**Phaeo set5H47 #255 (gMed=334 rho12=0.203)**

**m.b. Nickel (II) chloride 1 mM**



**Phaeo set5H48 #256 (gMed=276 rho12=0.173)**

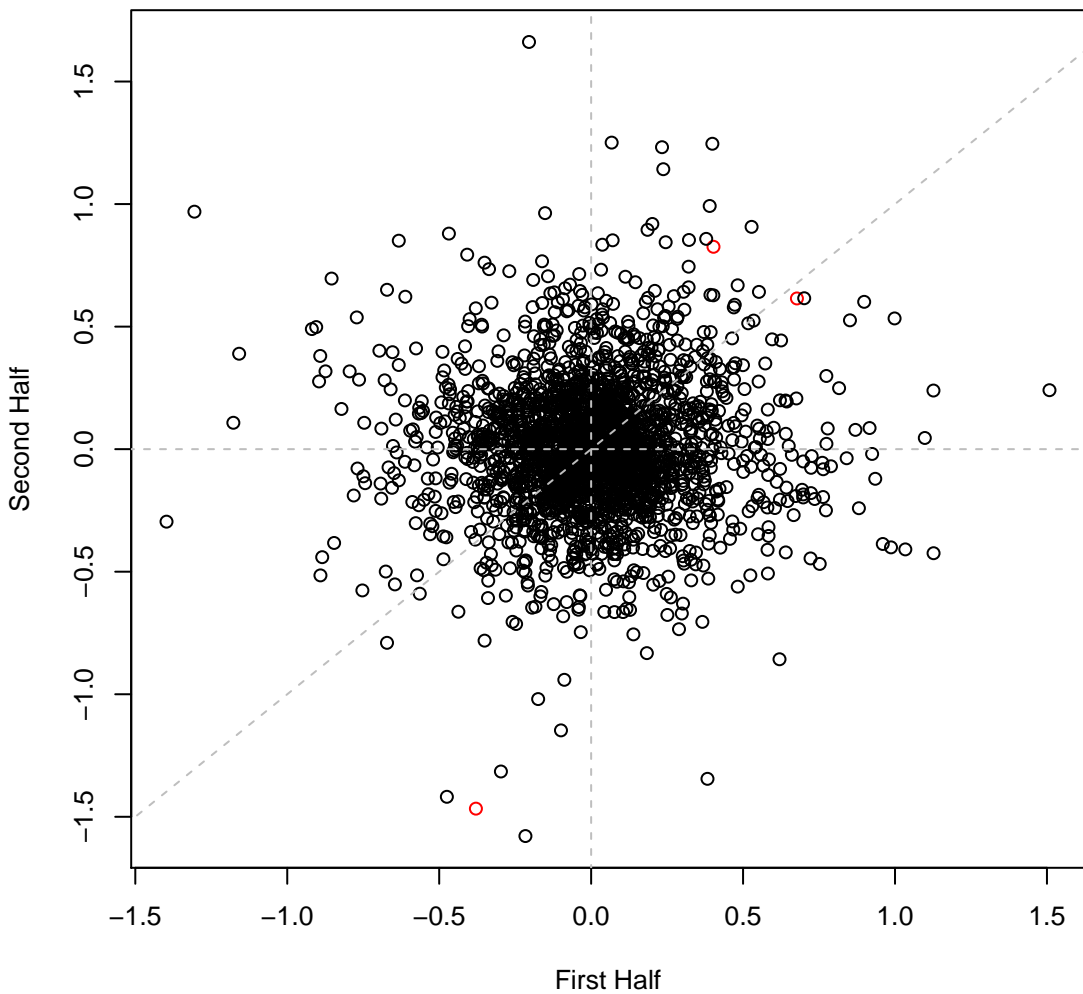
**m.b. Cobalt chloride 0.625 mM**





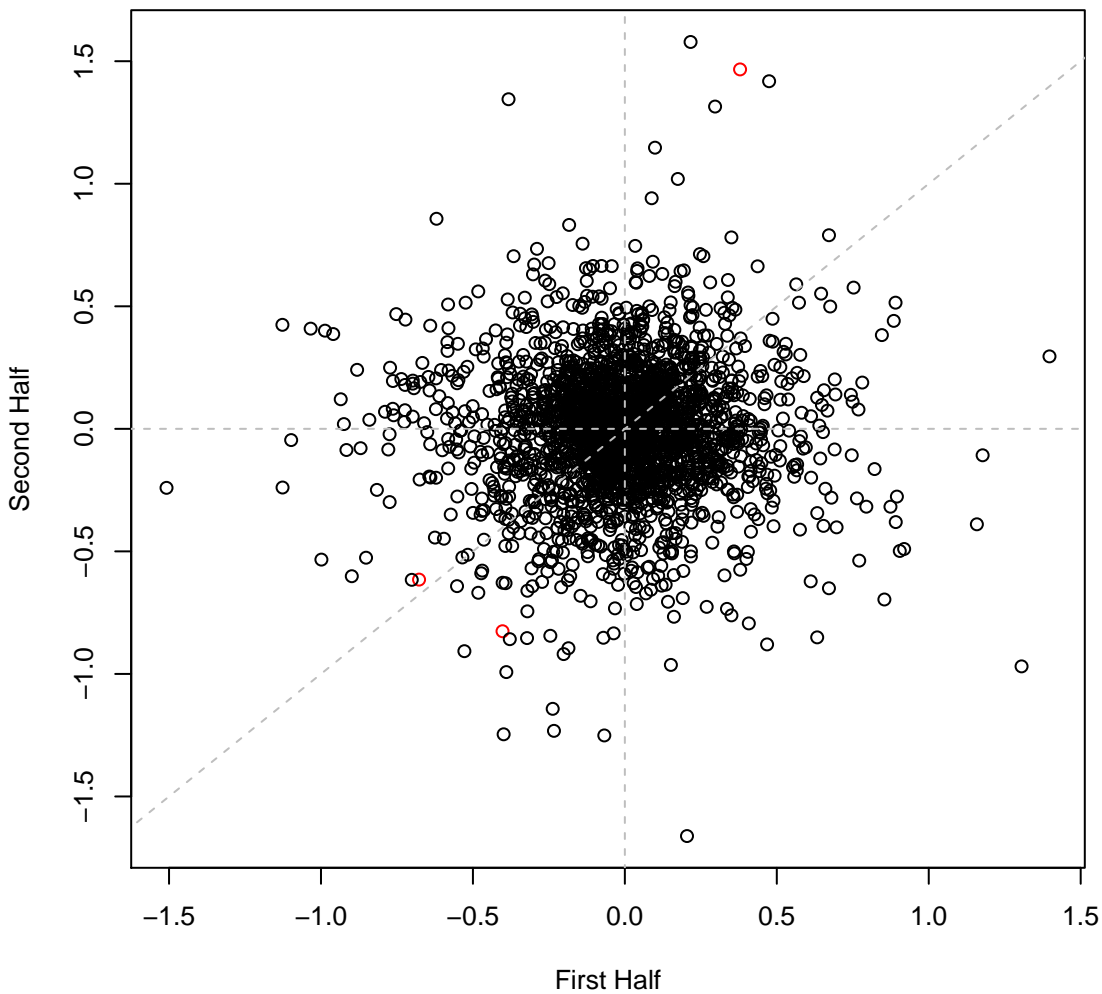
**Phaeo set6IT001 #257 (gMed=140 rho12=0.012)**

**Time0**

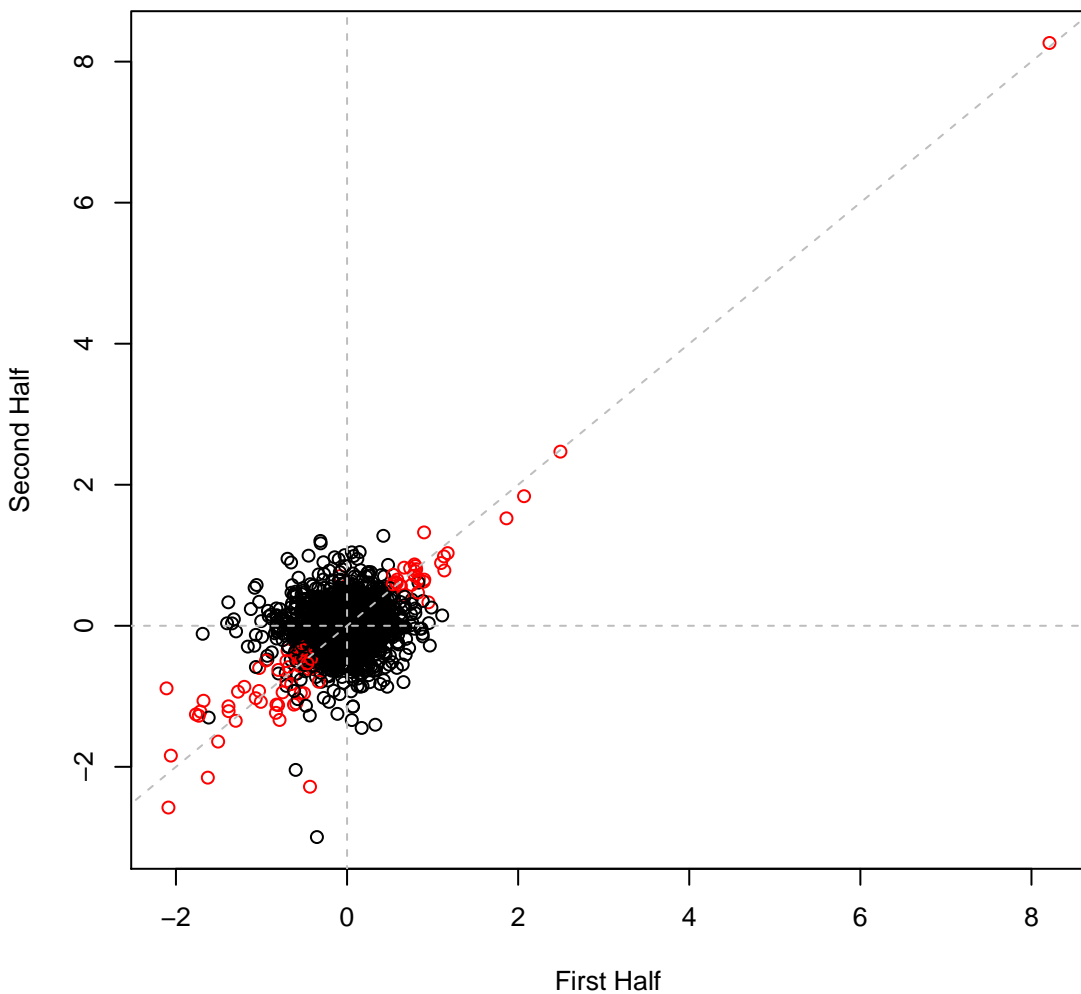


Phaeo set6IT002 #258 (gMed=168 rho12=0.012)

Time0

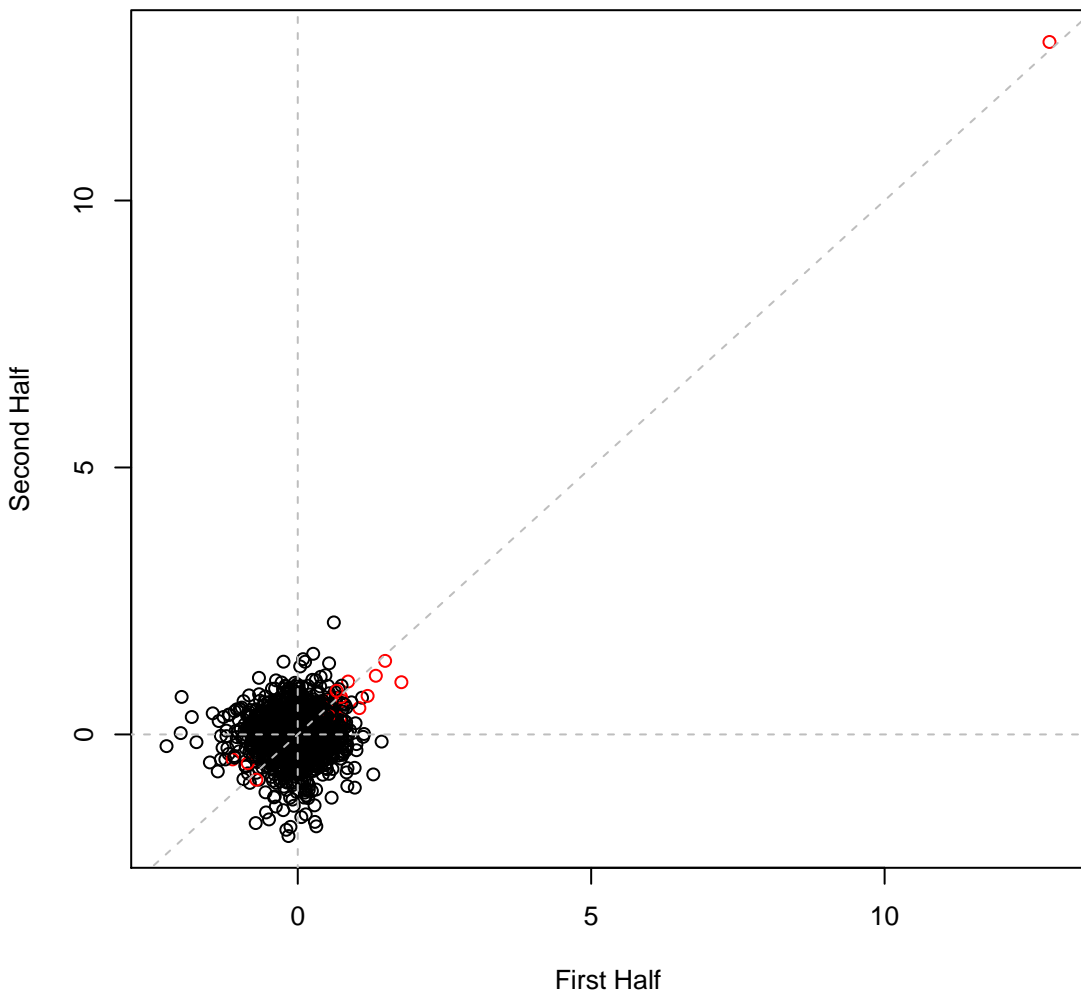


**Phaeo set6IT004 #260 (gMed=145 rho12=0.166)**  
**m.b. Paraquat dichloride 0.016 mg/ml**

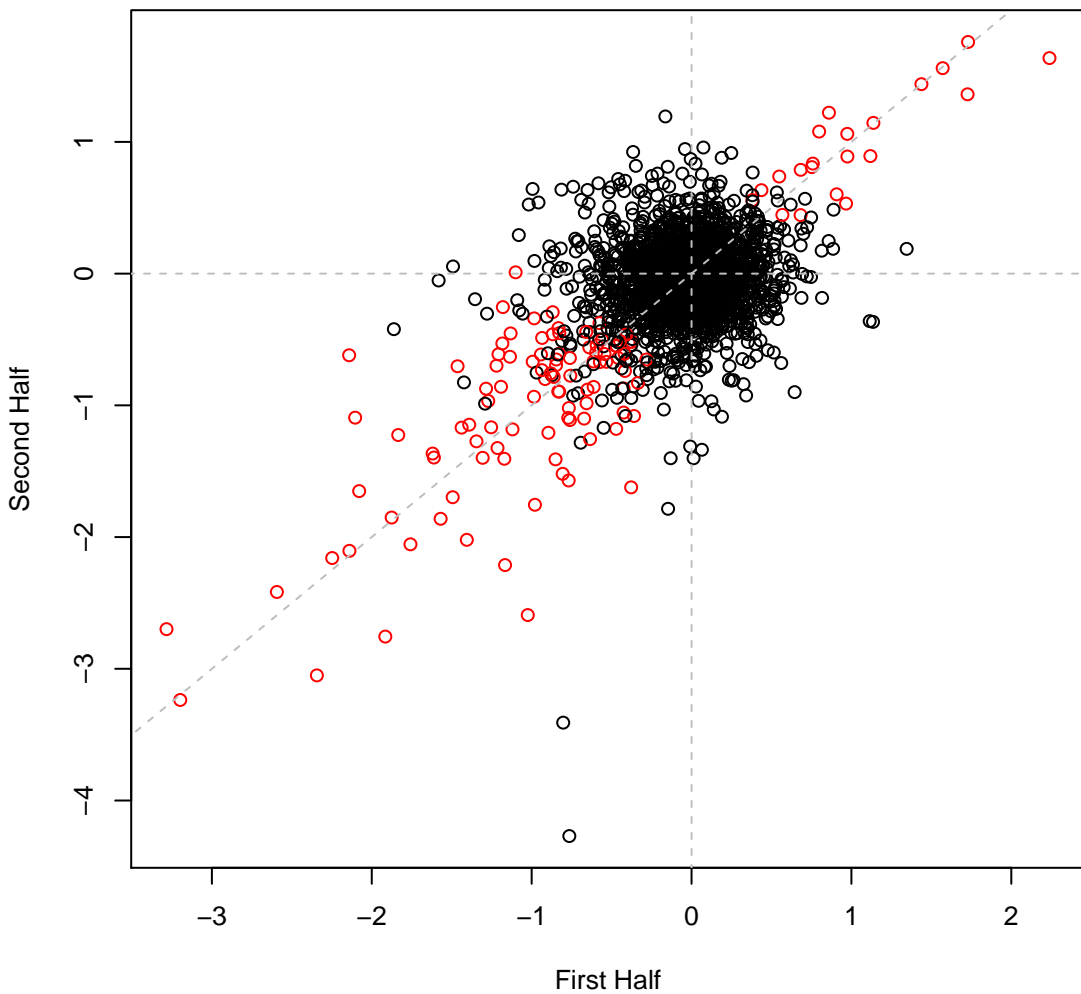


**Phaeo set6IT005 #261 (gMed=48 rho12=0.035)**

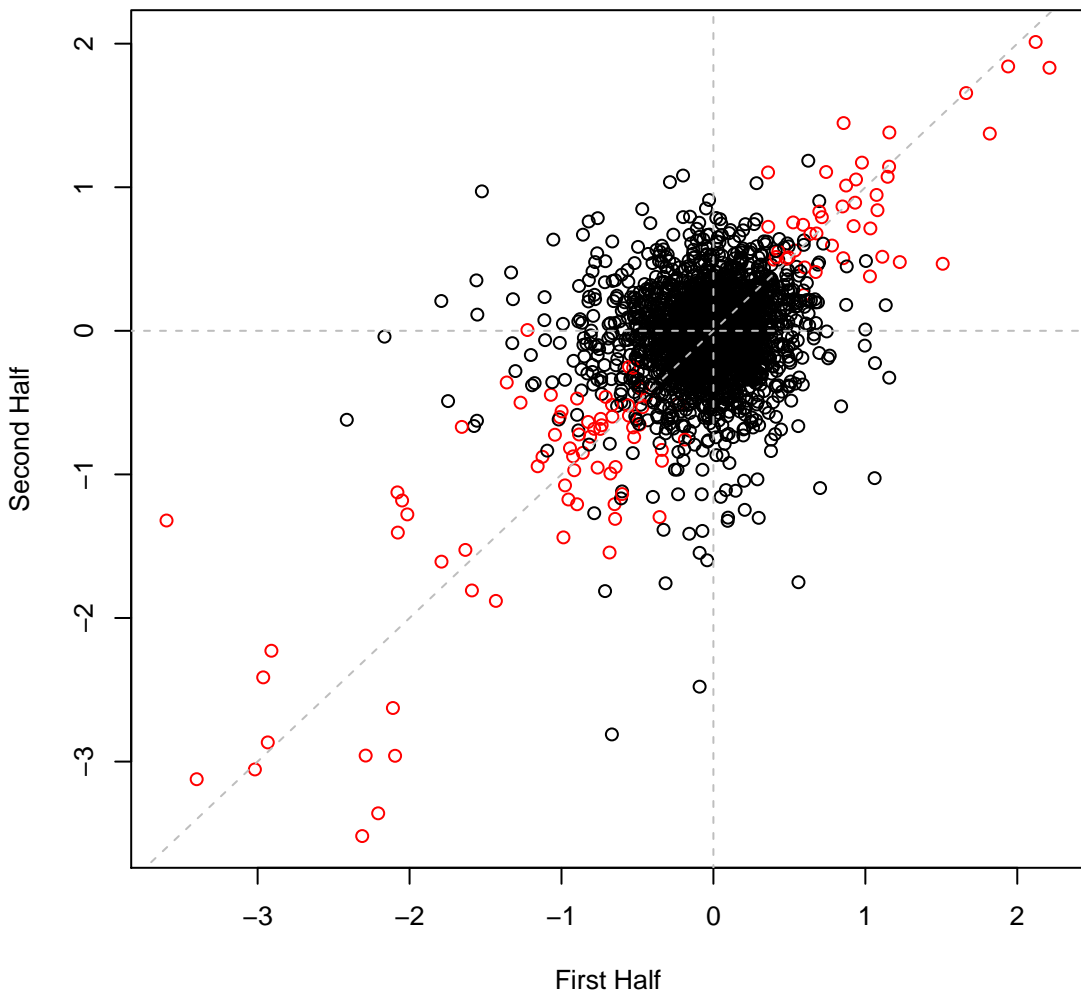
**m.b. Paraquat dichloride 0.032 mg/ml**



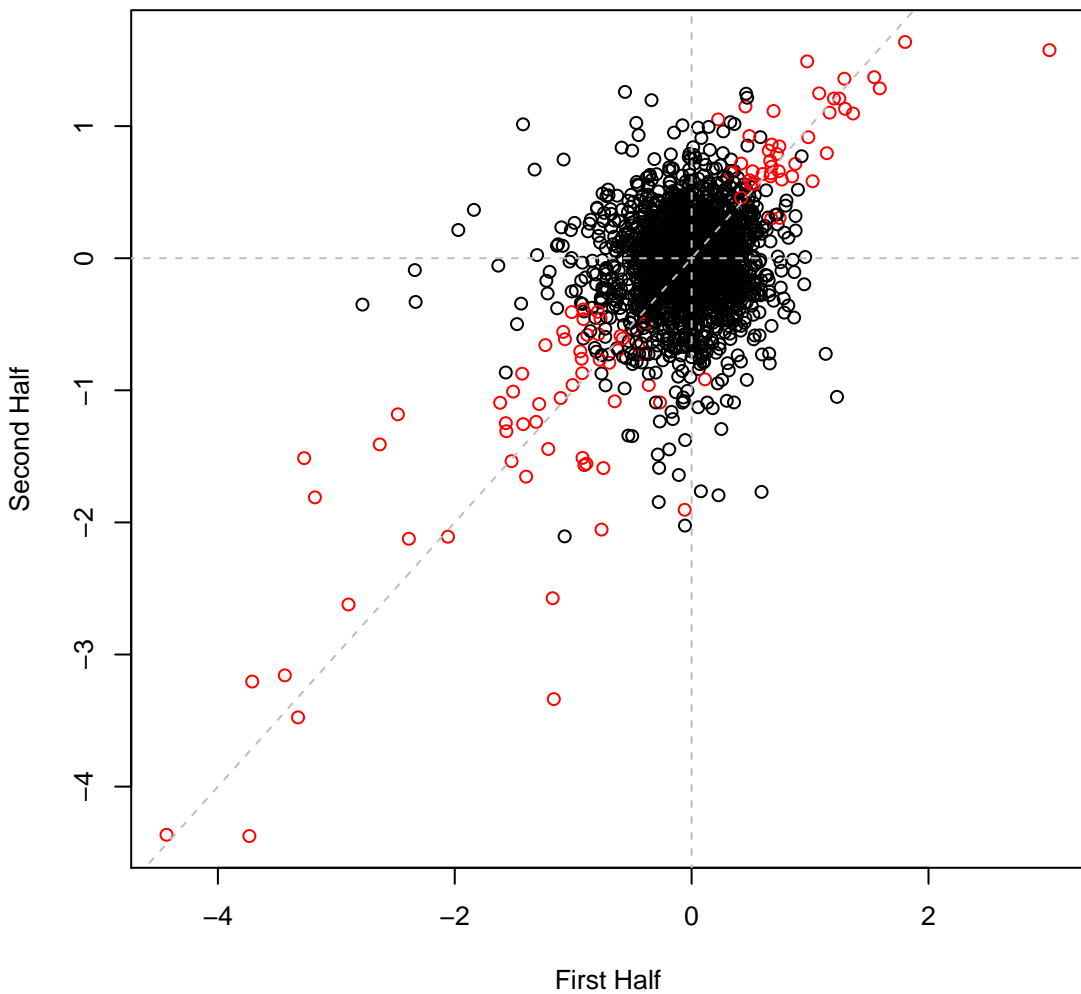
**Phaeo set6IT006 #262 (gMed=183 rho12=0.213)**  
**m.b. Thallium(I) acetate 0.002 mg/ml**



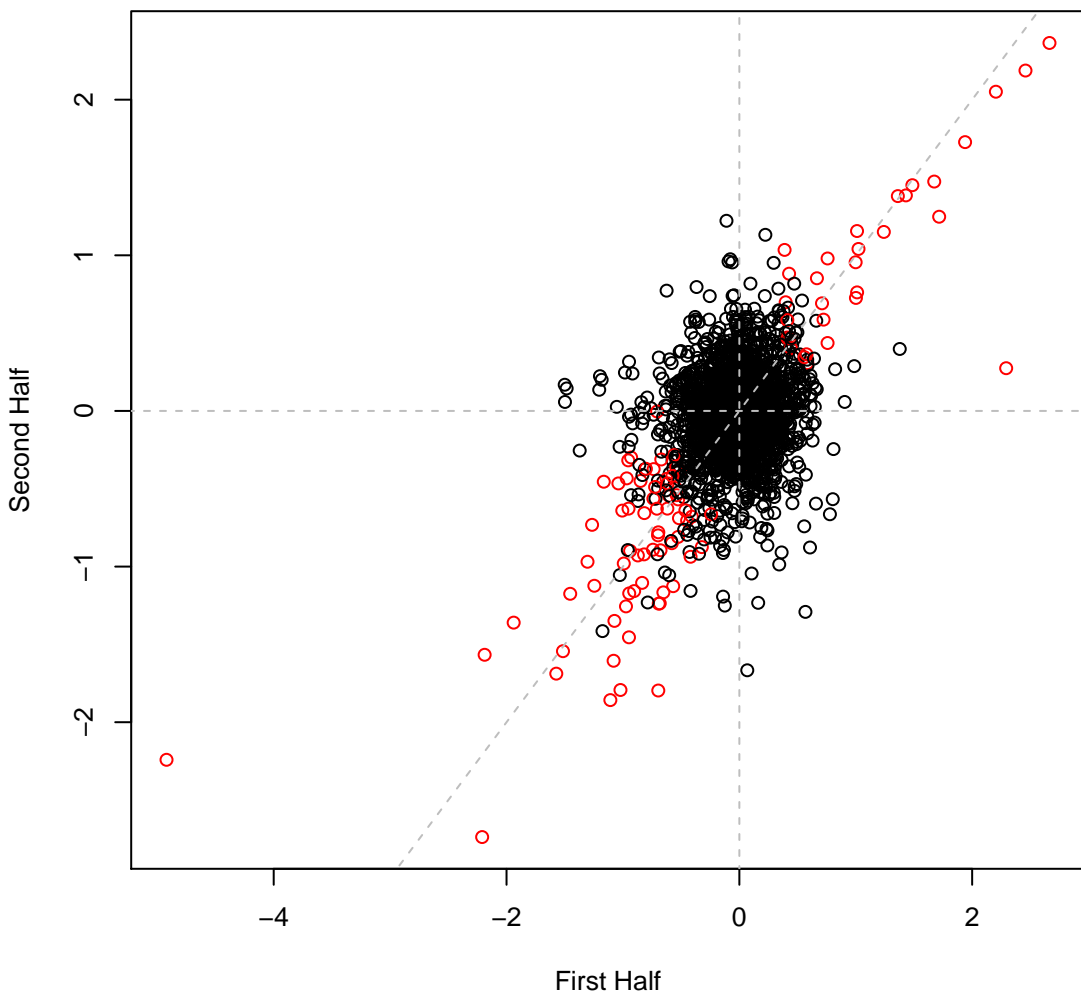
**Phaeo set6IT007 #263 (gMed=163 rho12=0.214)**  
**m.b. Cisplatin 0.0125 mg/ml**



**Phaeo set6IT008 #264 (gMed=171 rho12=0.177)**  
**m.b. Cisplatin 0.025 mg/ml**

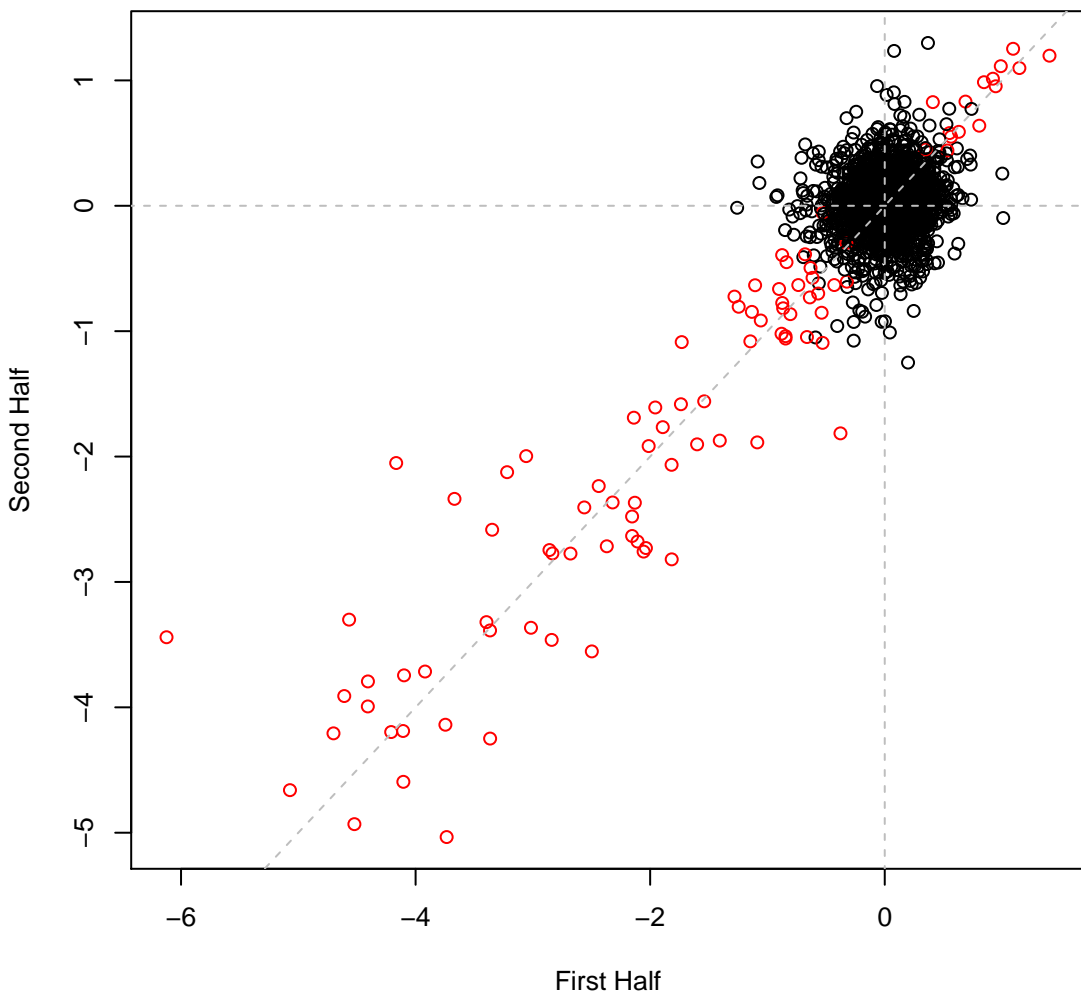


**Phaeo set6IT009 #265 (gMed=206 rho12=0.203)**  
**marine broth**

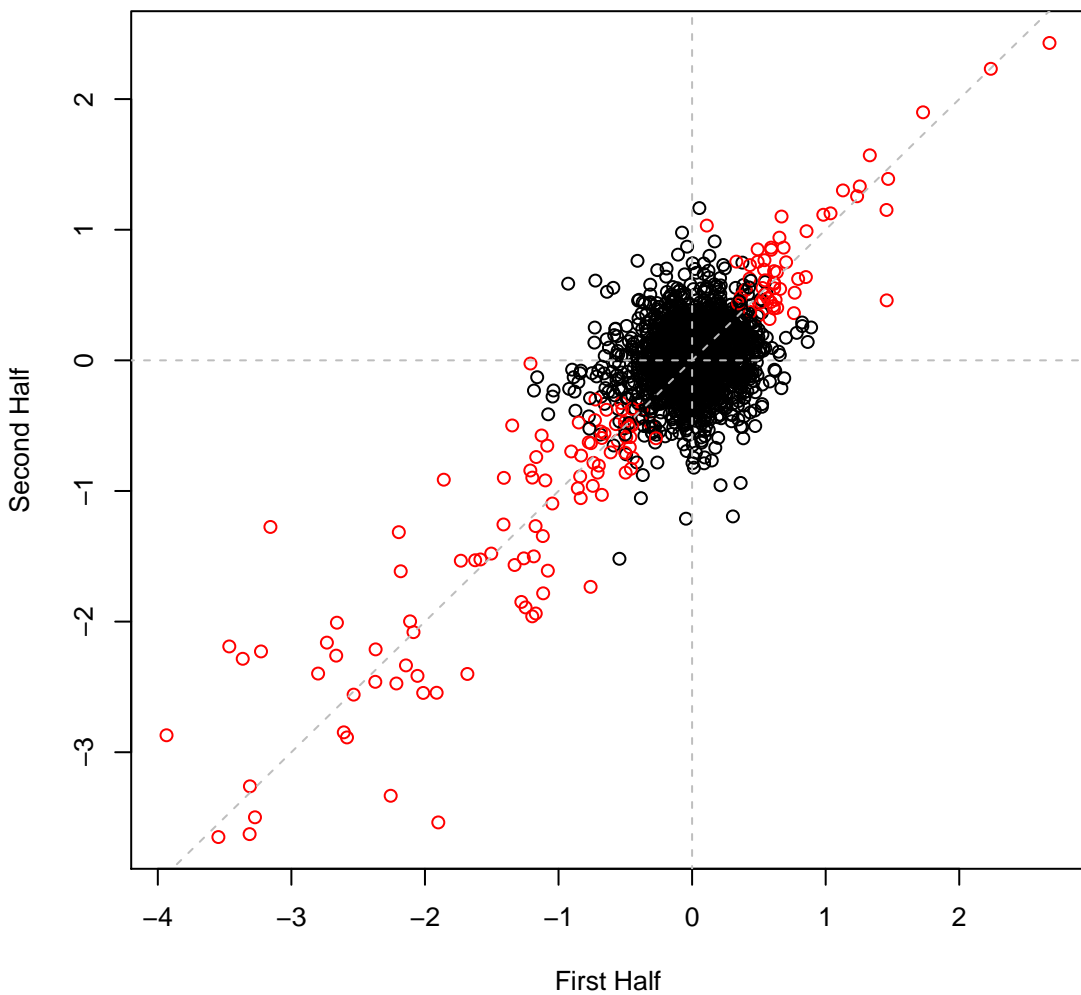




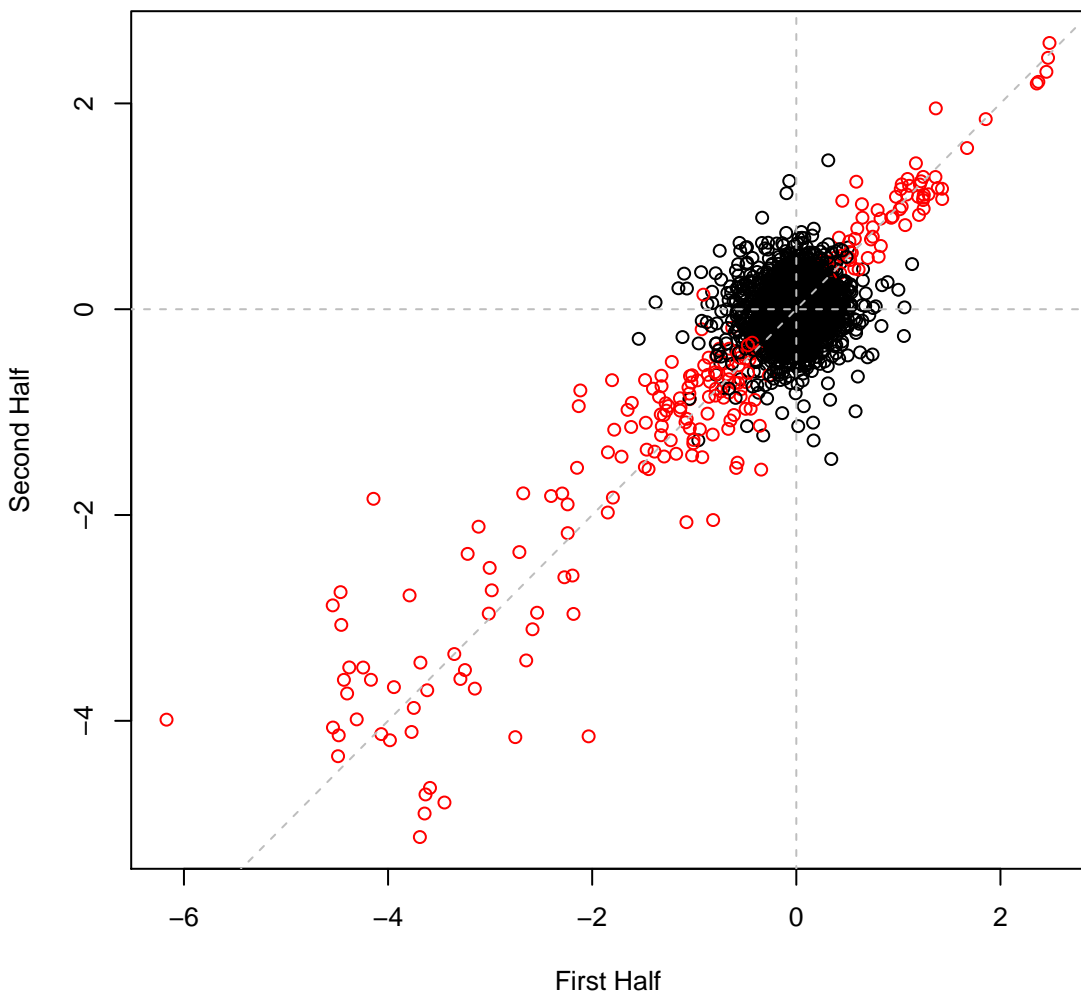
**Phaeo set6IT010 #266 (gMed=201 rho12=0.192)**  
**L-Glutamic (C)**



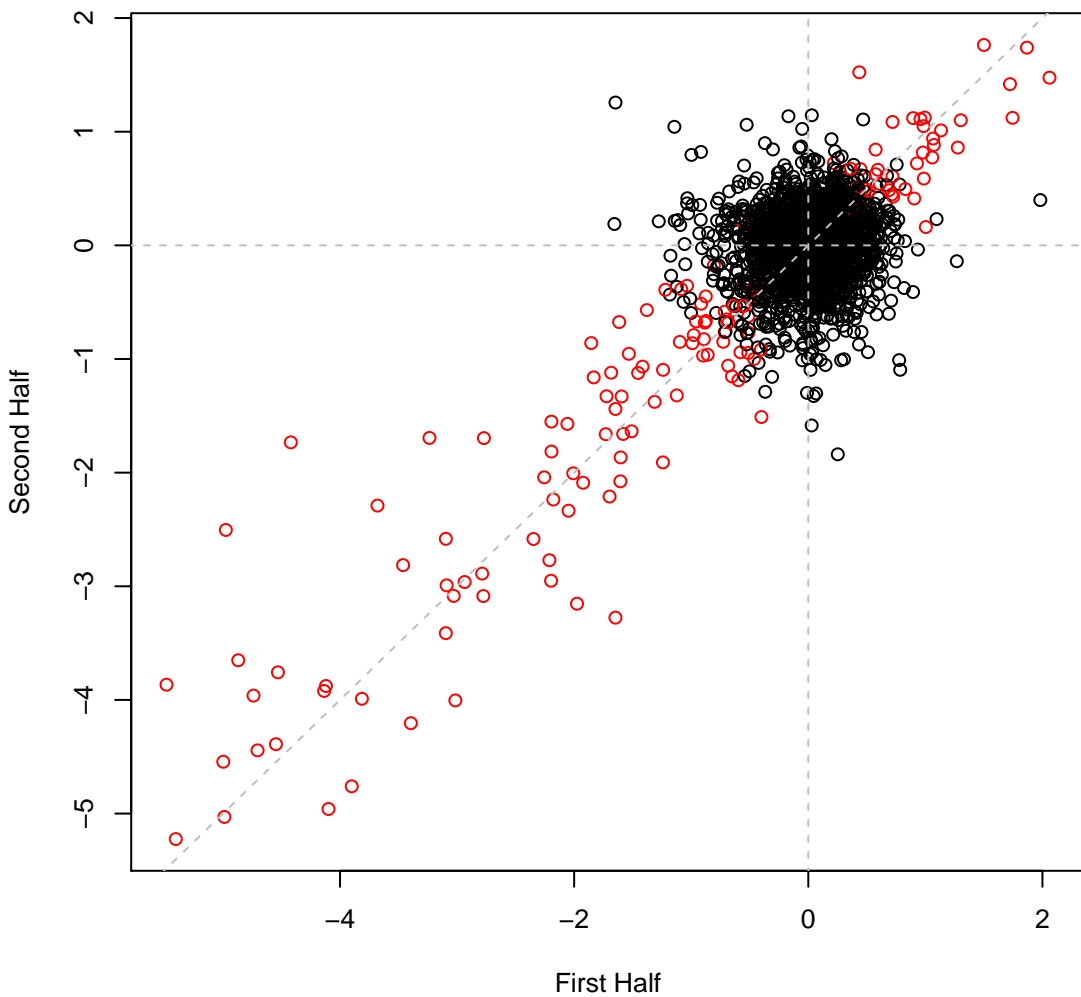
**Phaeo set6IT011 #267 (gMed=190 rho12=0.278)**  
**NAG (C)**



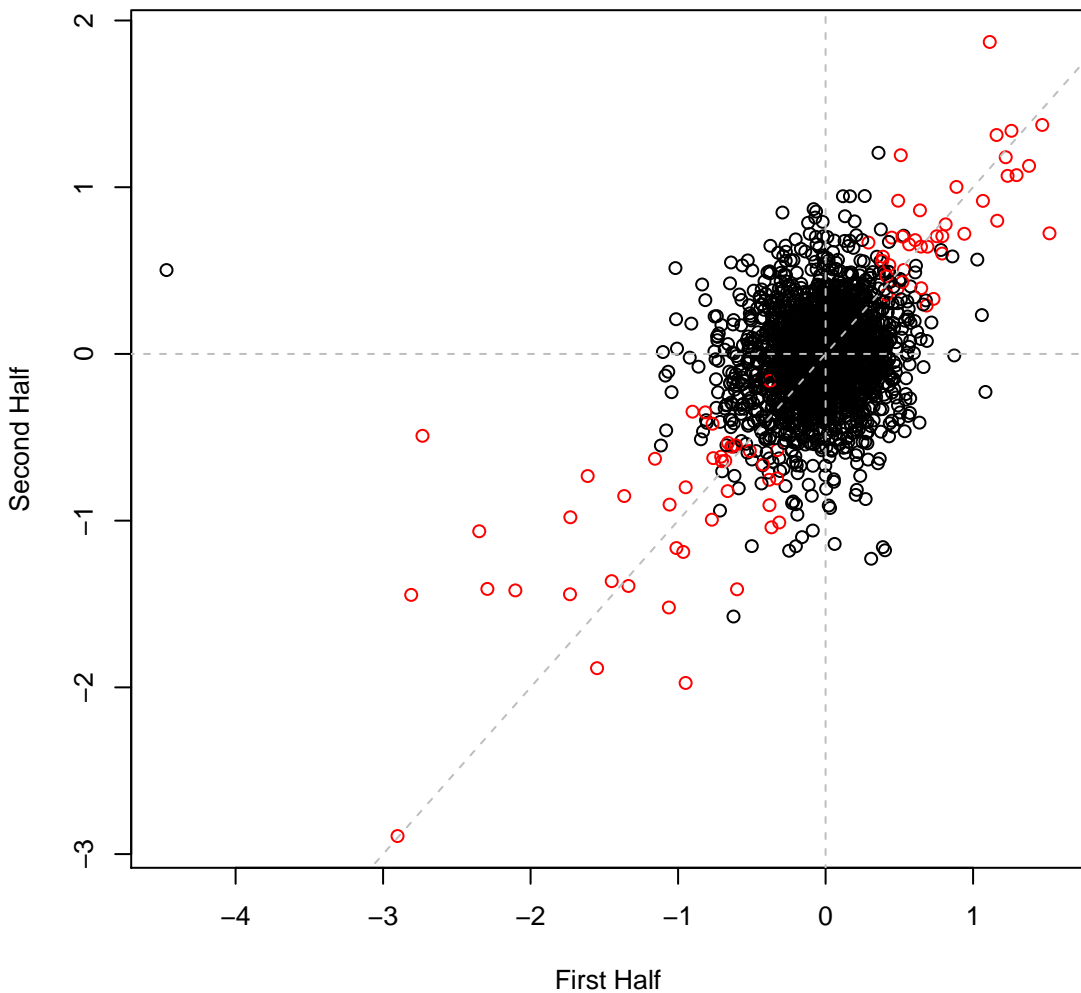
**Phaeo set6IT012 #268 (gMed=221 rho12=0.327)**  
**L-Glutamine (C)**



**Phaeo set6IT013 #269 (gMed=216 rho12=0.226)**  
**m.b. Benzalkonium Chloride 0.004 mg/ml**

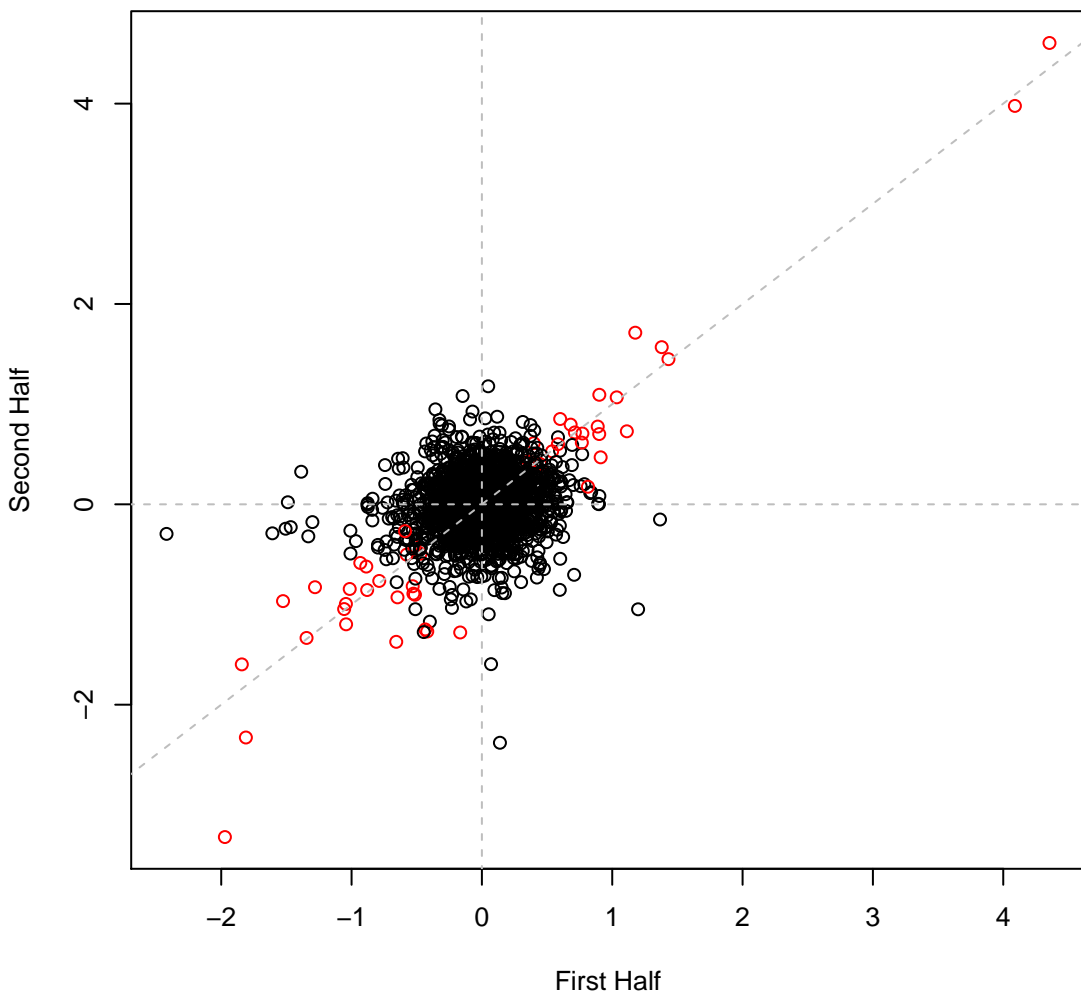


**Phaeo set6IT014 #270 (gMed=208 rho12=0.226)**  
**m.b. Aluminum chloride 1.25 mM**

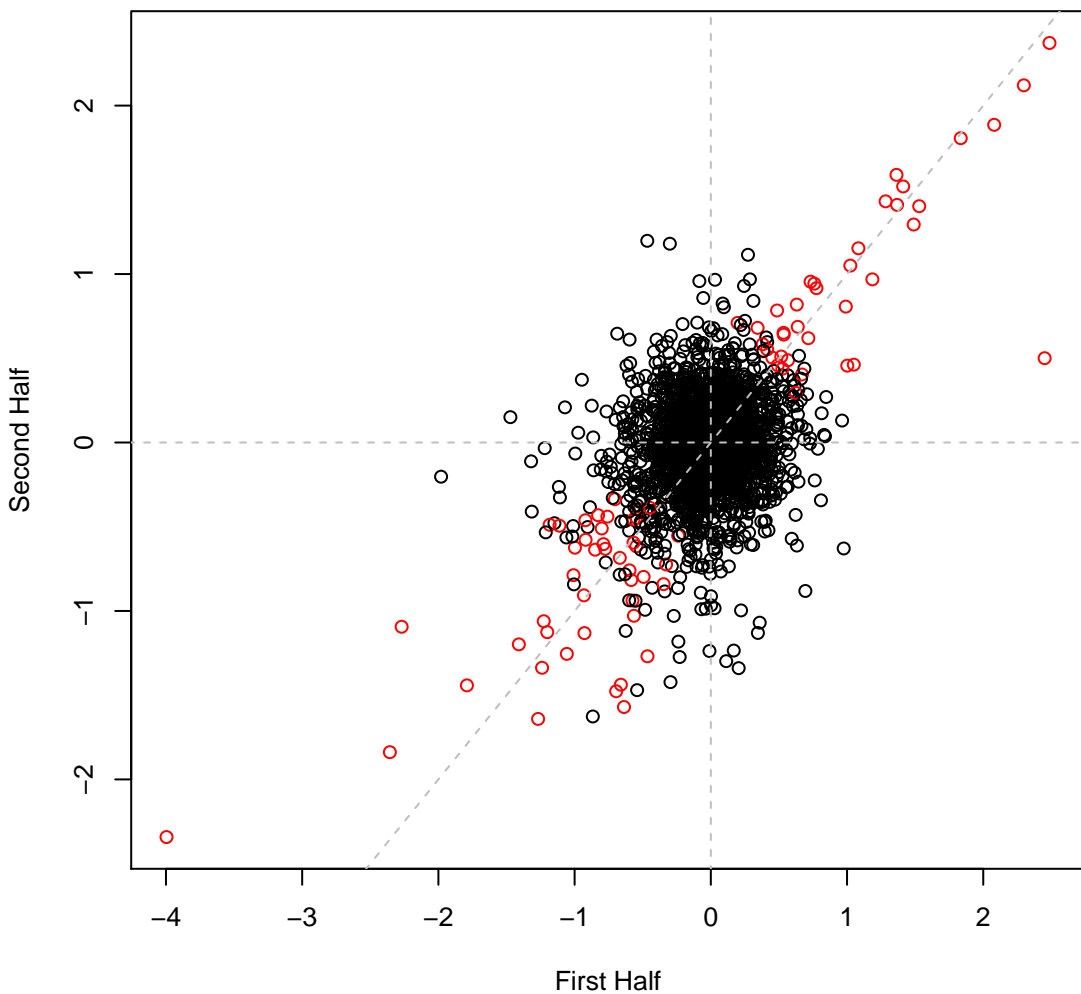


**Phaeo set6IT015 #271 (gMed=211 rho12=0.142)**

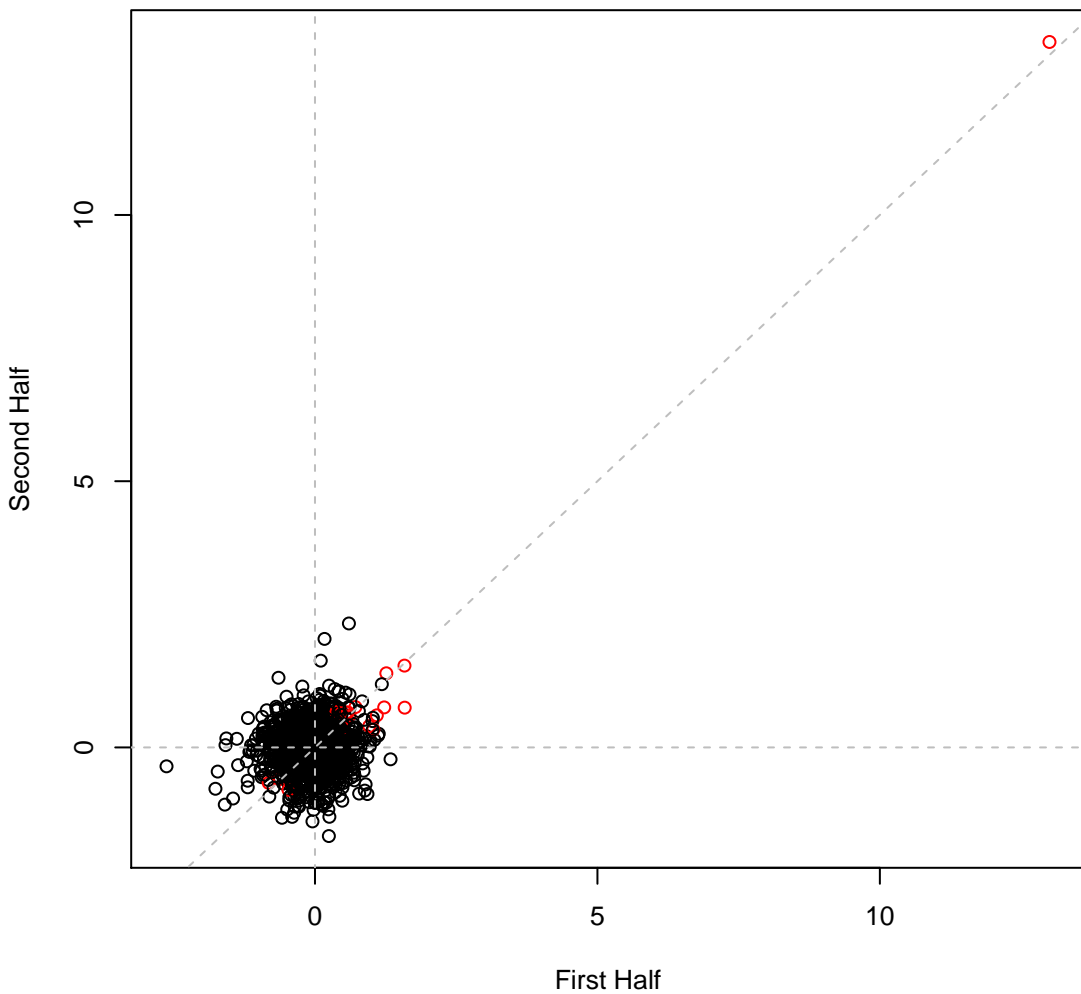
**m.b. benzoic 0.145 mg/ml**



**Phaeo set6IT016 #272 (gMed=209 rho12=0.195)**  
**marine broth**



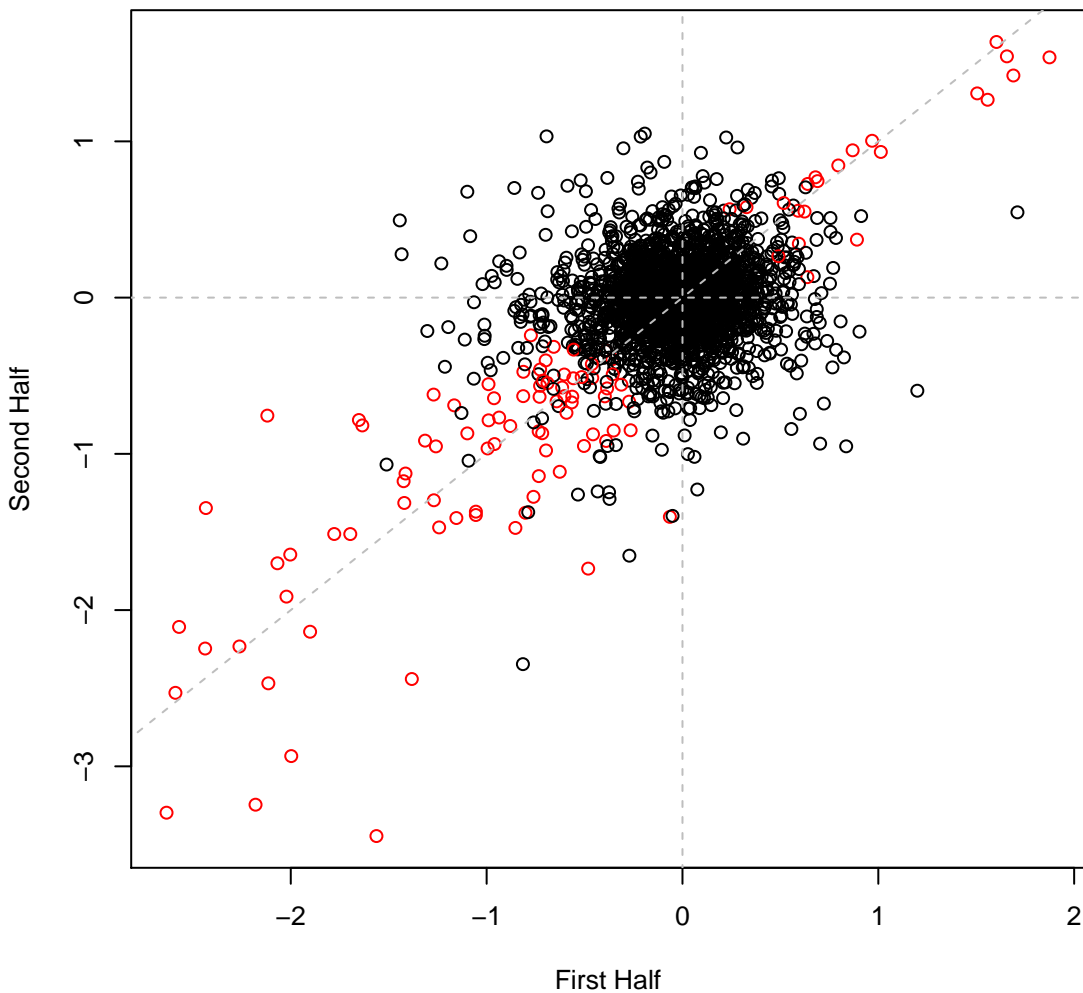
**Phaeo set6IT019 #275 (gMed=60 rho12=0.098)**  
**m.b. Paraquat dichloride 0.032 mg/ml**



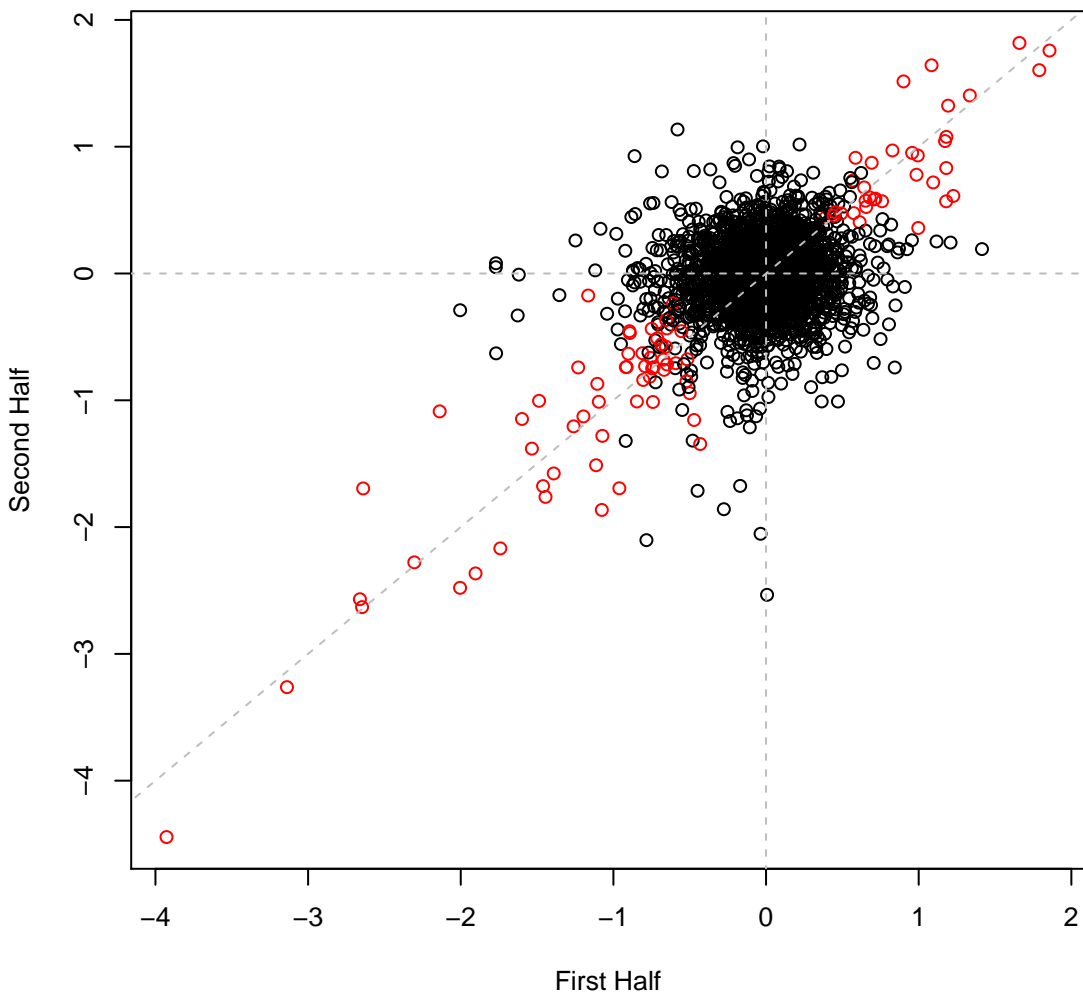


Phaeo set6IT020 #276 (gMed=197 rho12=0.210)

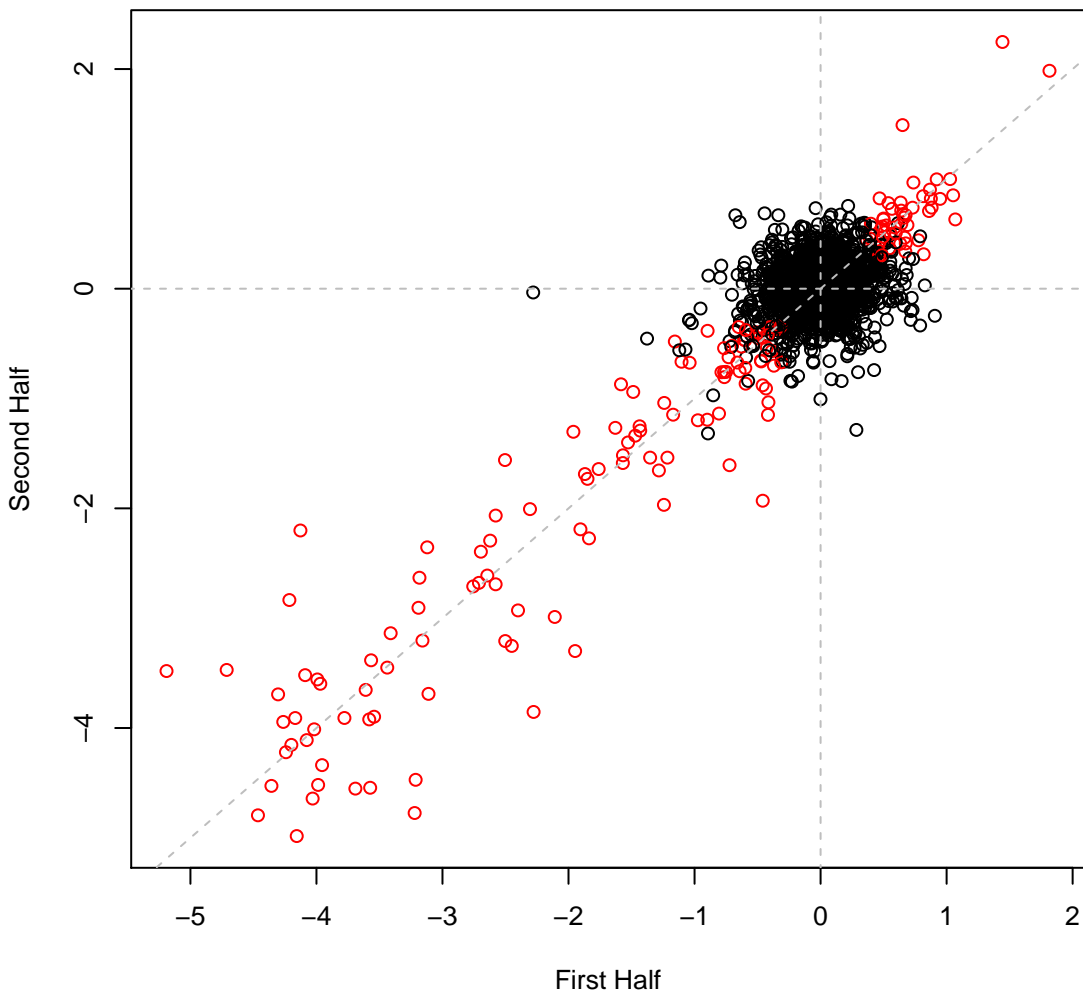
m.b. Thallium(I) acetate 0.002 mg/ml



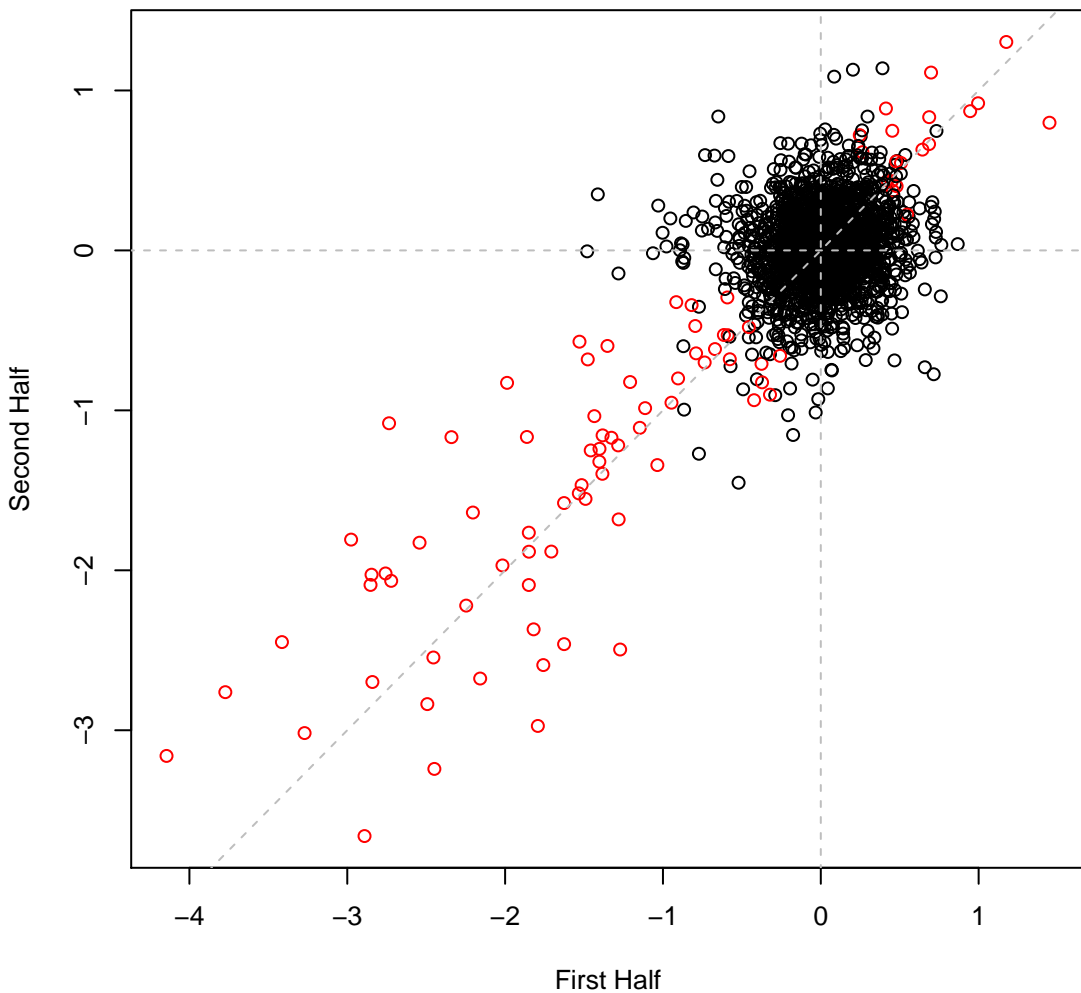
**Phaeo set6IT021 #277 (gMed=212 rho12=0.194)**  
**m.b. Cisplatin 0.0125 mg/ml**



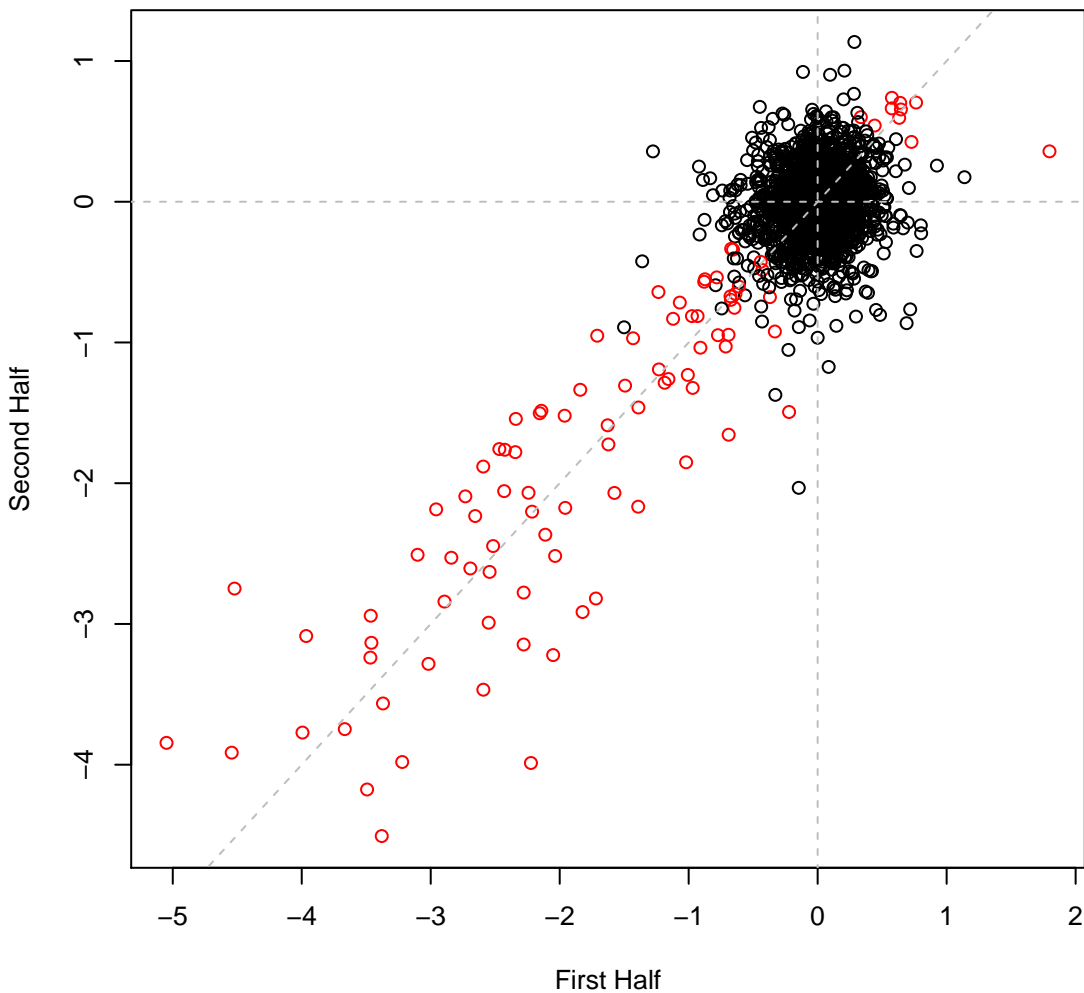
**Phaeo set6IT022 #278 (gMed=238 rho12=0.327)**  
**L-Serine (C)**



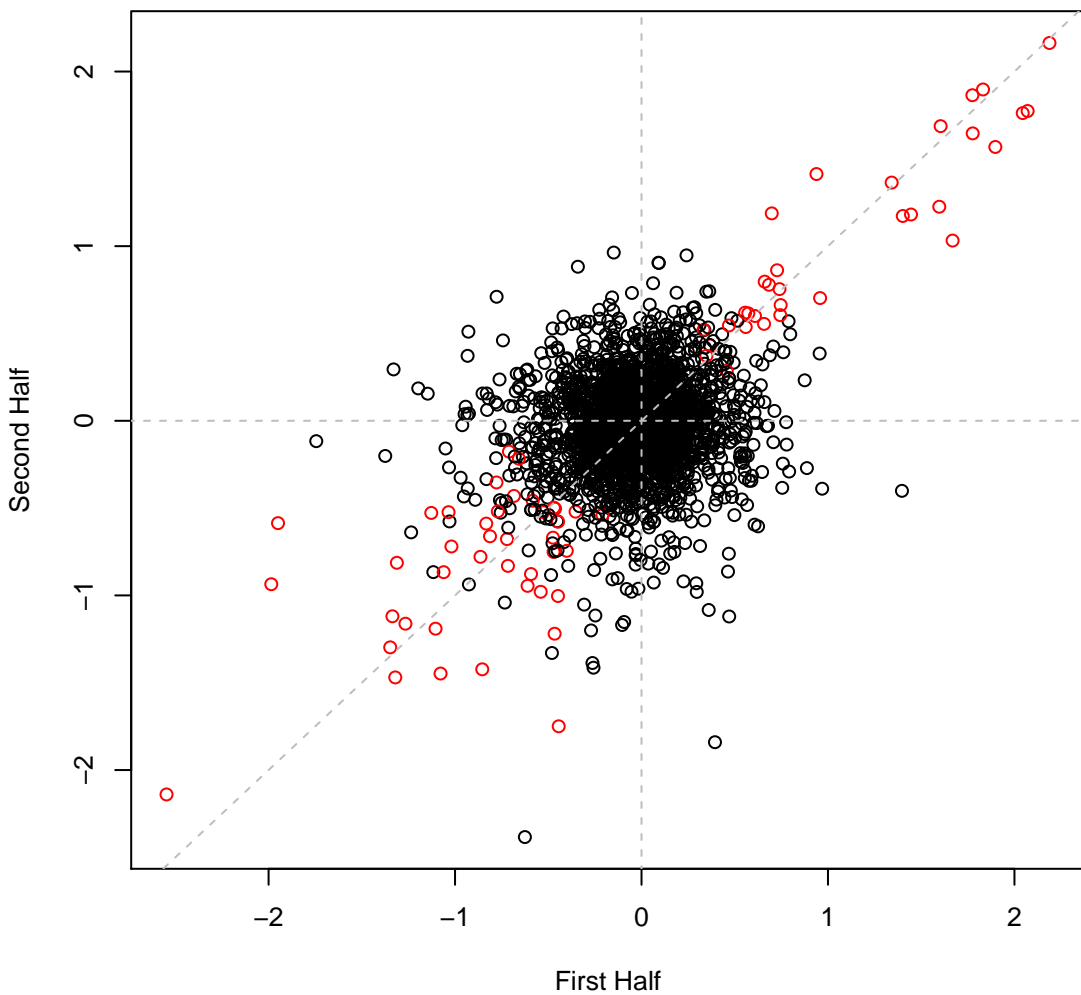
**Phaeo set6IT023 #279 (gMed=187 rho12=0.194)**  
**D-Mannose (C)**



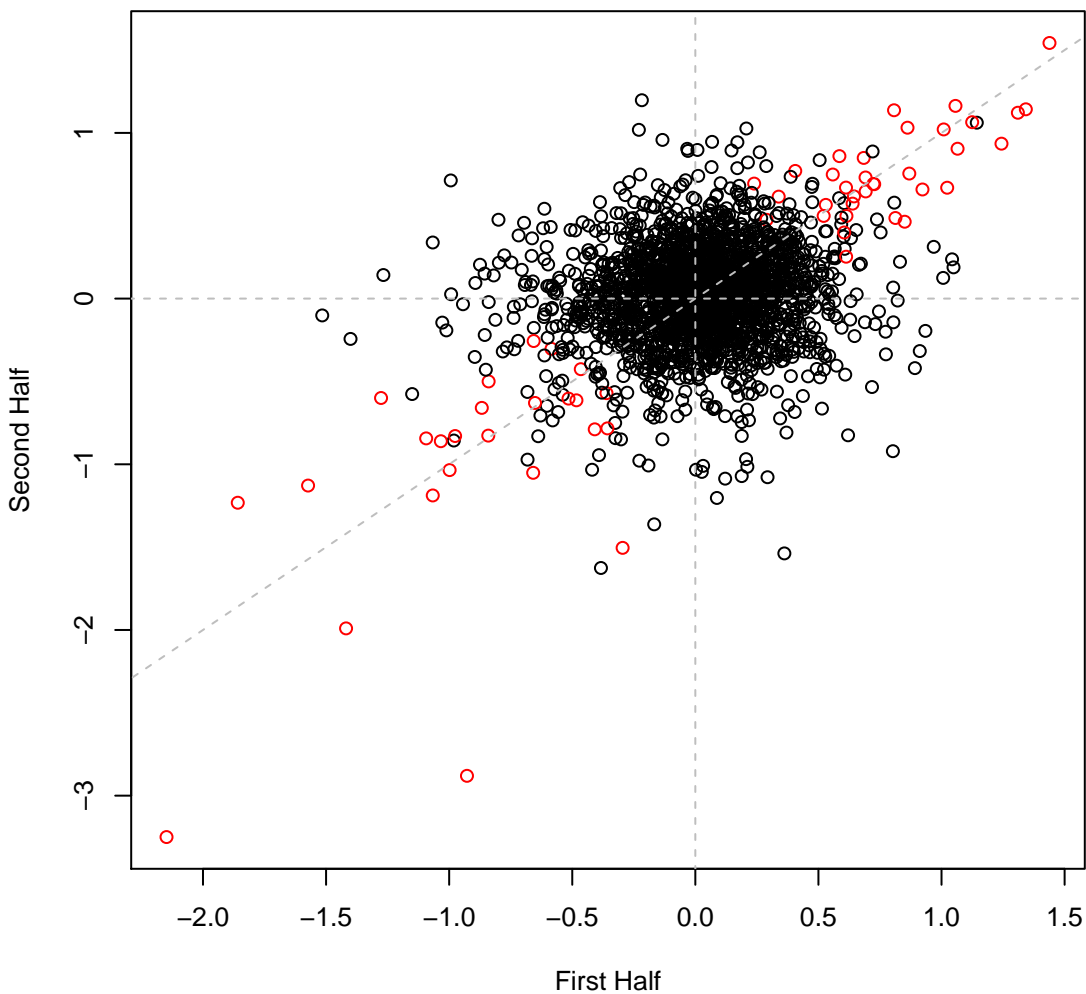
**Phaeo set6IT024 #280 (gMed=208 rho12=0.201)**  
**Glycine (C)**



**Phaeo set6IT025 #281 (gMed=210 rho12=0.167)**  
**m.b. perchlorate 50 mM**

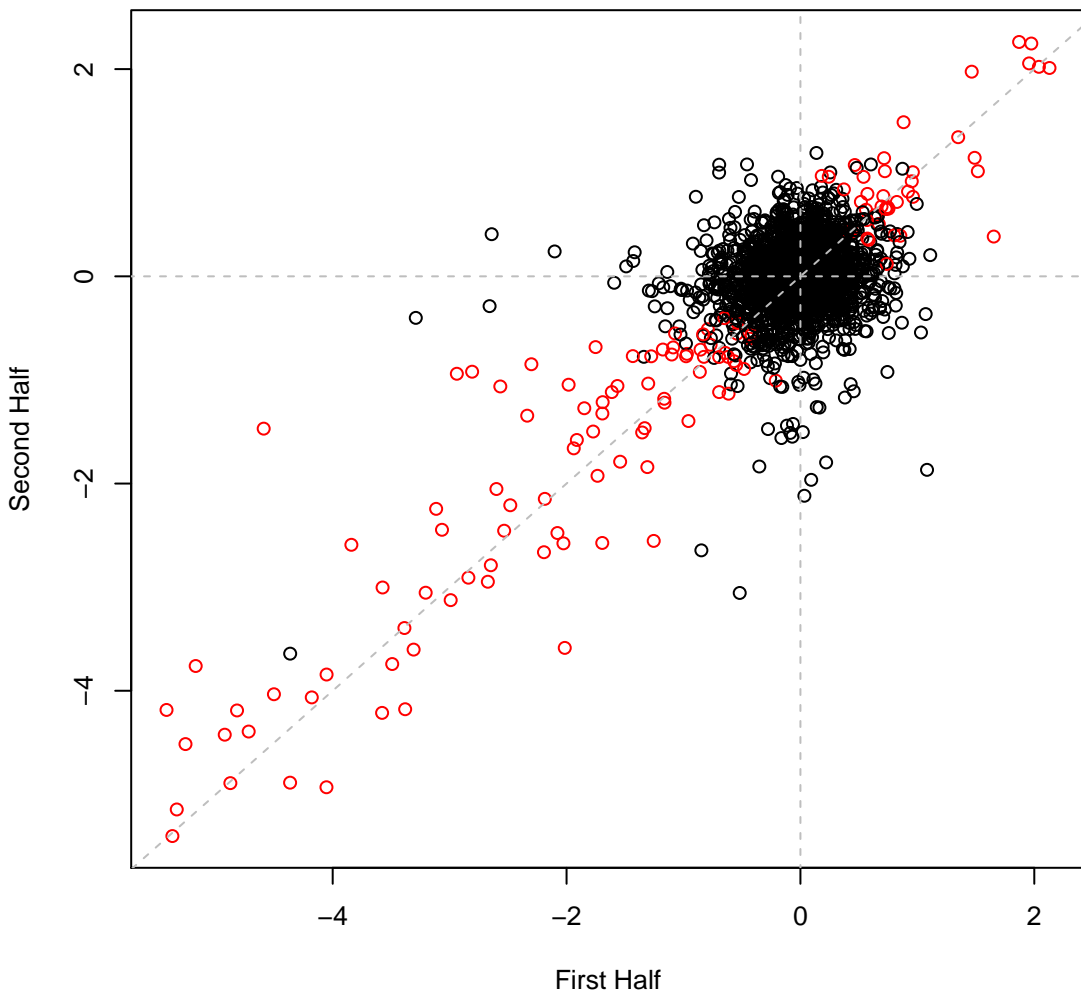


**Phaeo set6IT026 #282 (gMed=211 rho12=0.144)**  
**m.b. perchlorate 100 mM**



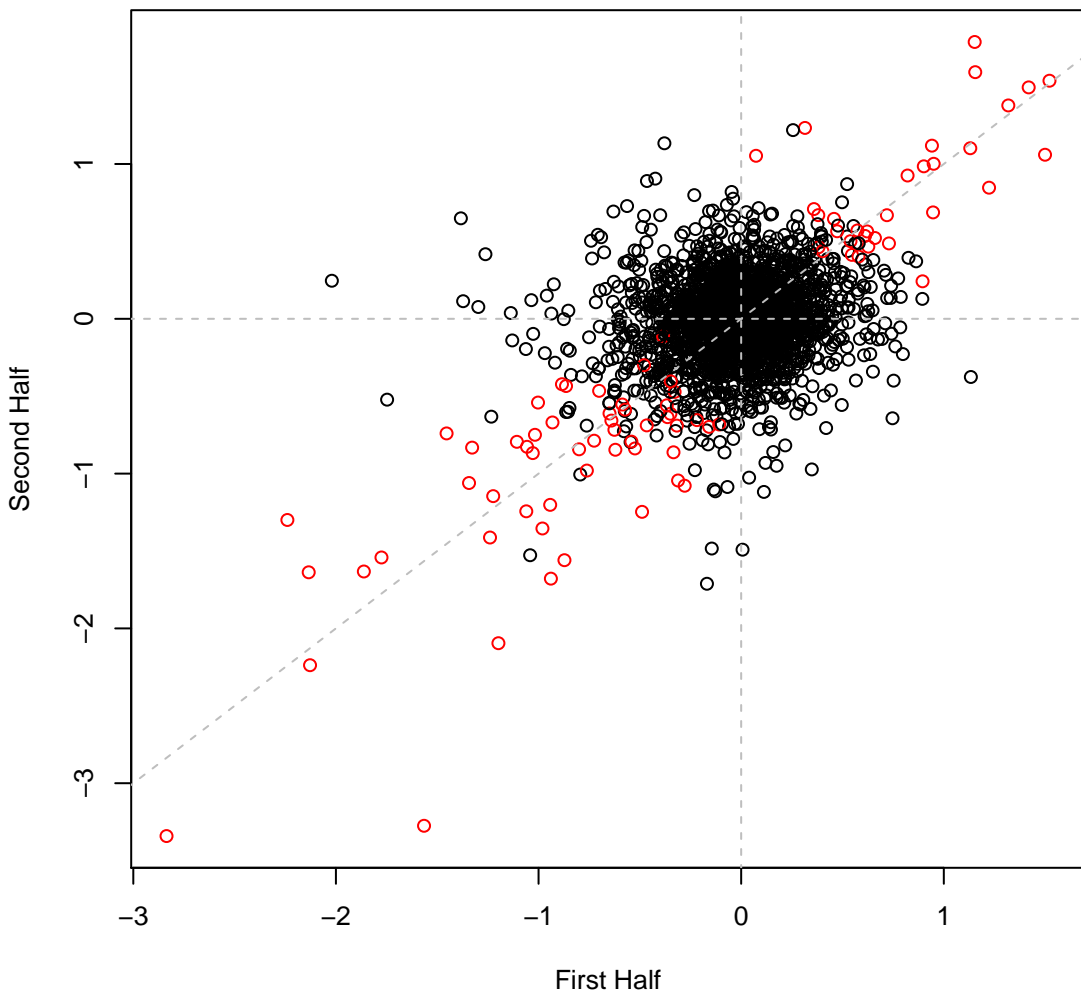
Phaeo set6IT027 #283 (gMed=206 rho12=0.276)

m.b. Benzalkonium Chloride 0.004 mg/ml

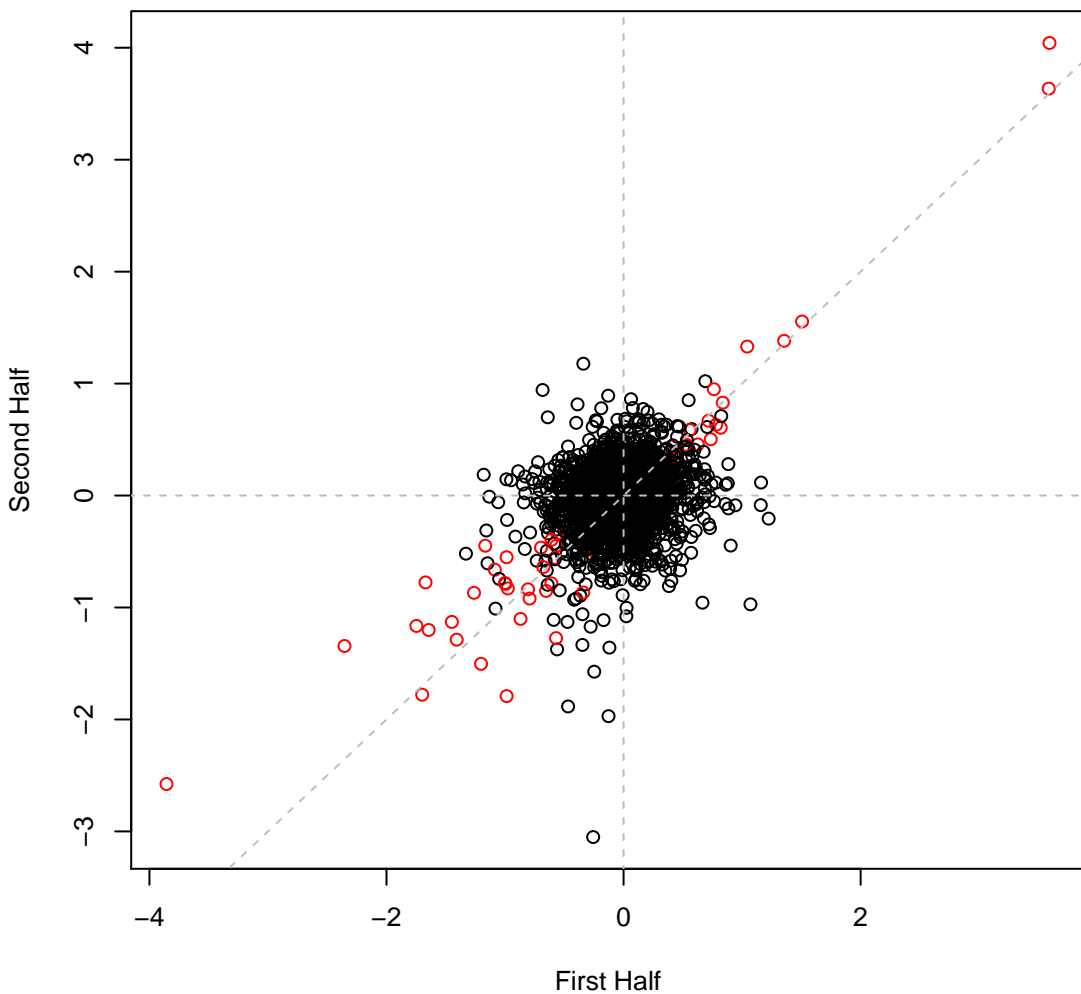




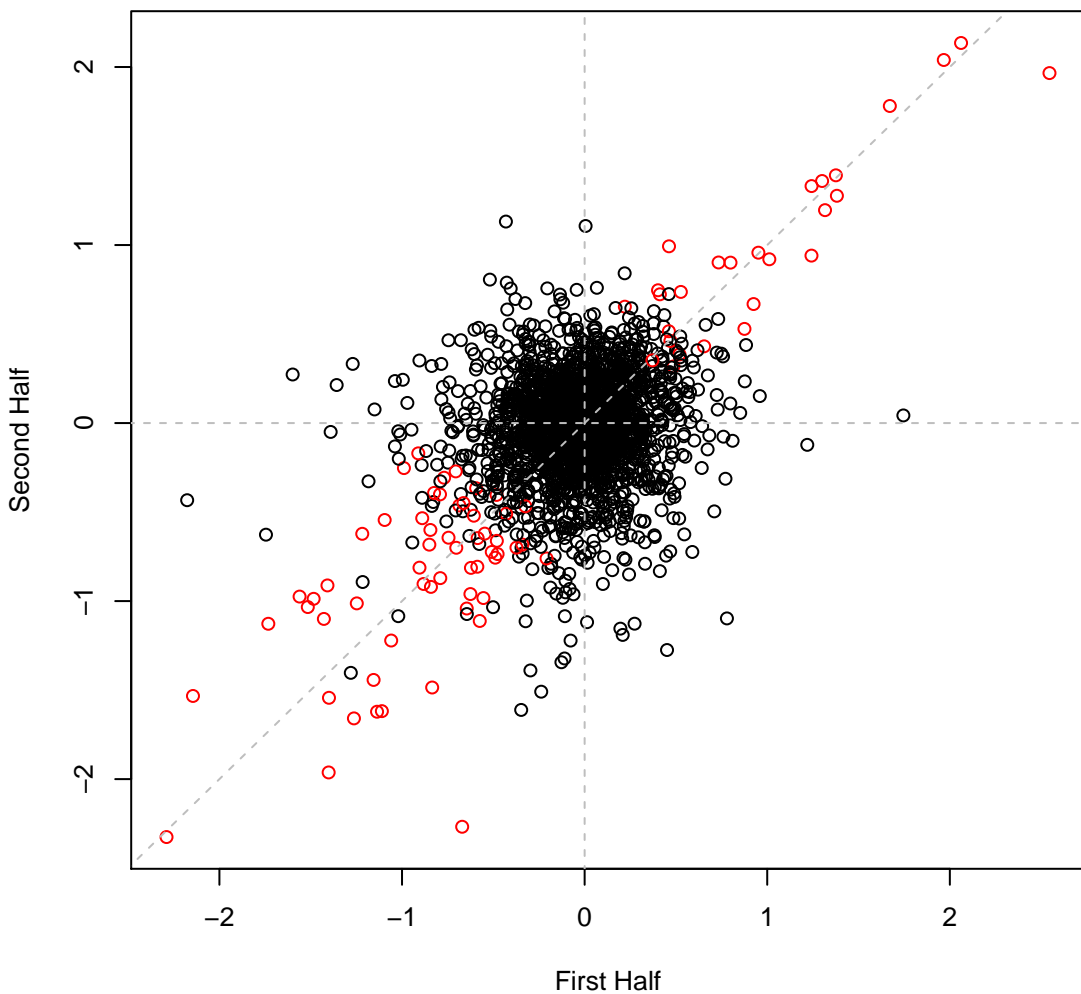
**Phaeo set6IT028 #284 (gMed=204 rho12=0.196)**  
**m.b. Aluminum chloride 1.25 mM**



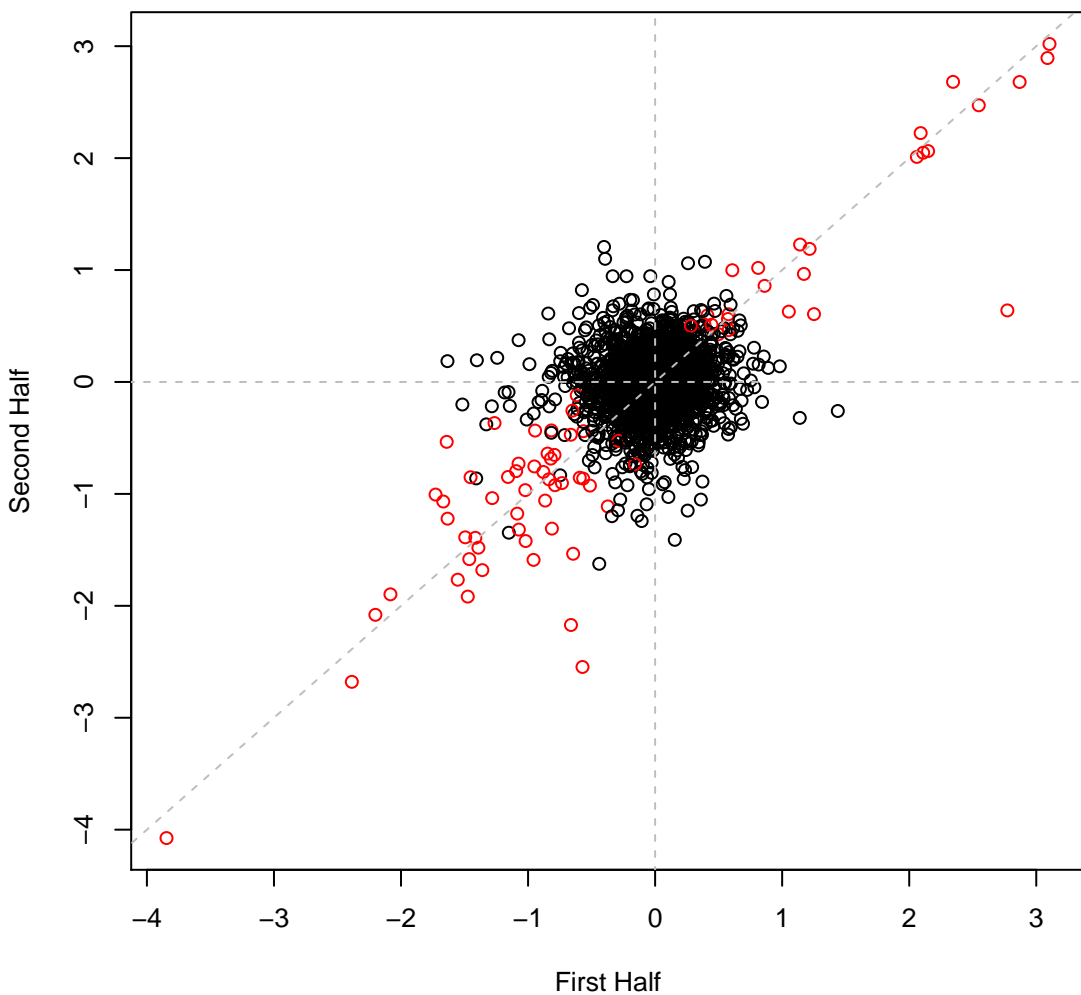
**Phaeo set6IT029 #285 (gMed=198 rho12=0.159)**  
**m.b. benzoic 0.145 mg/ml**



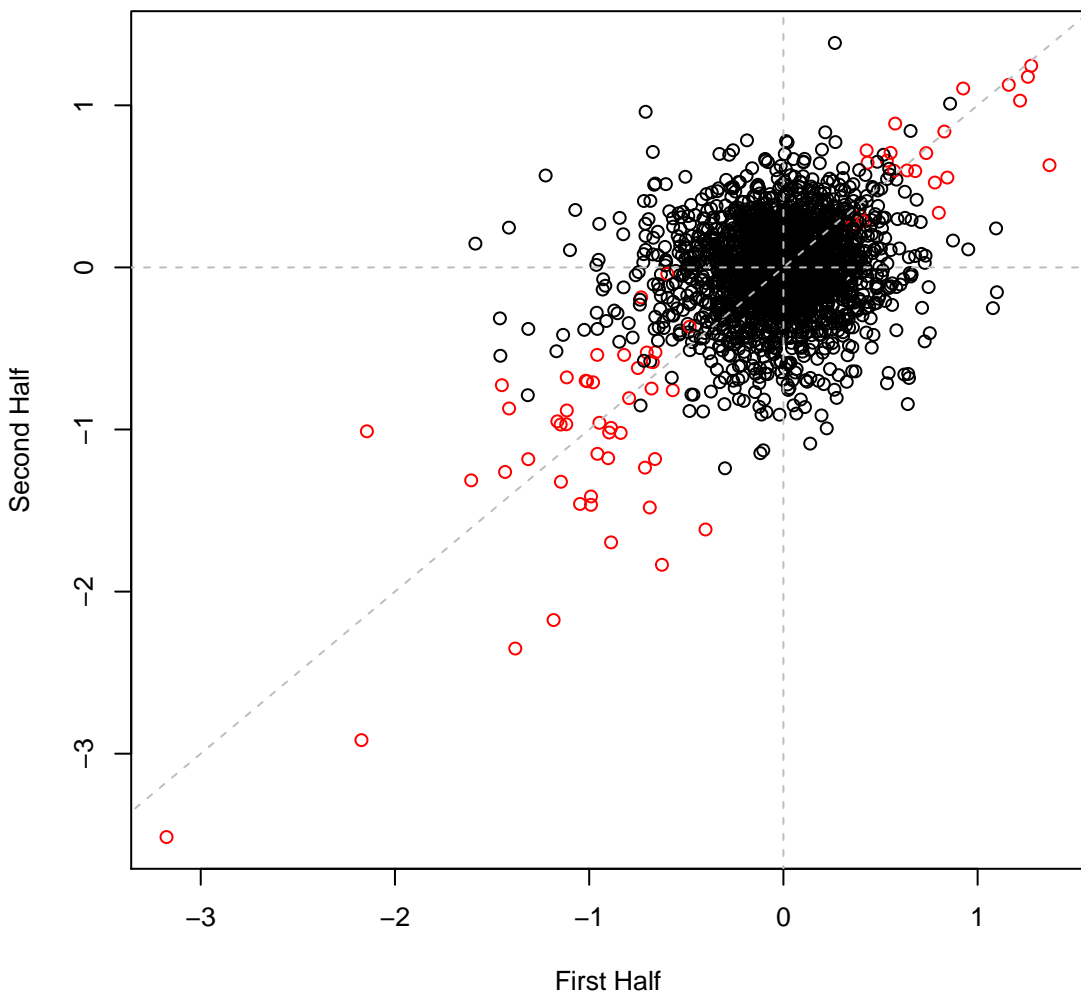
**Phaeo set6IT030 #286 (gMed=195 rho12=0.177)**  
**marine broth**



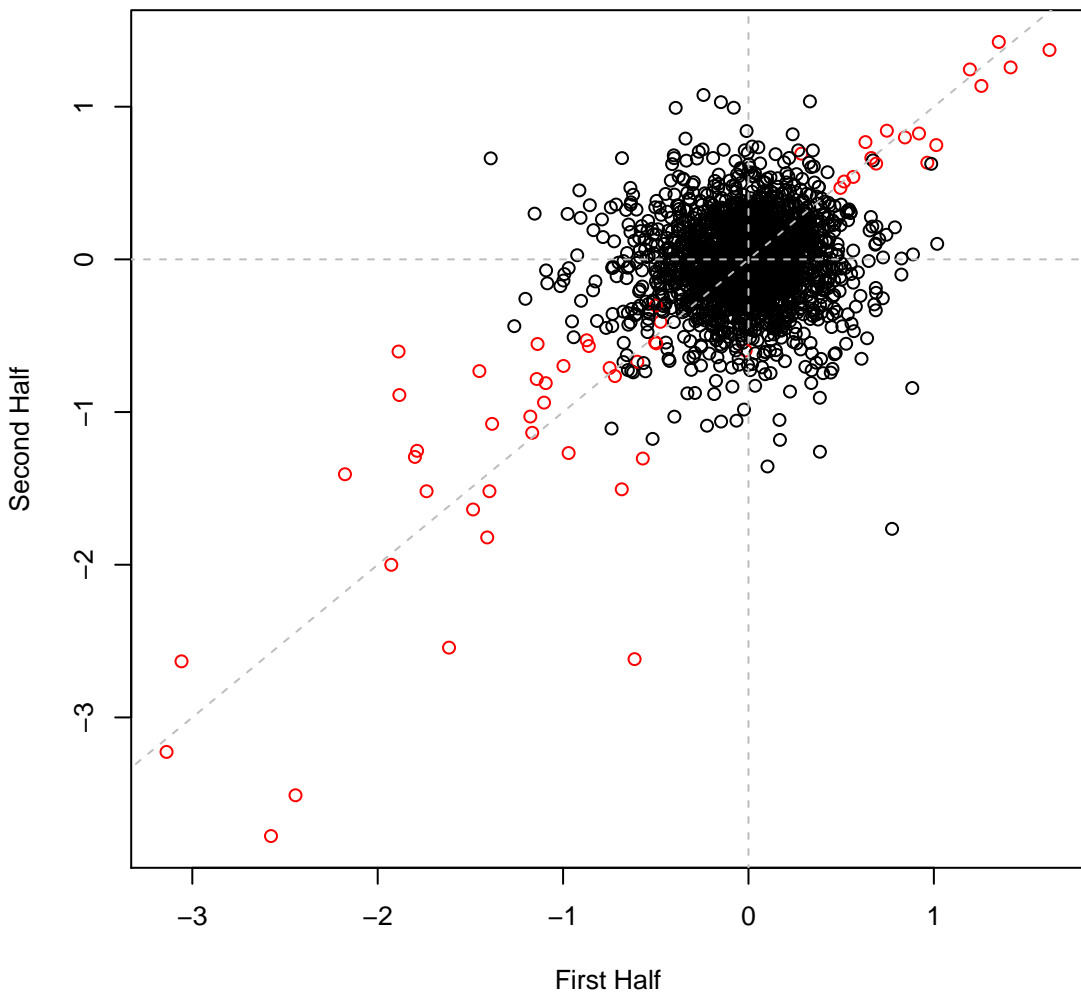
**Phaeo set6IT031 #287 (gMed=176 rho12=0.167)**  
**m.b. copper (II) chloride 0.3 mM**



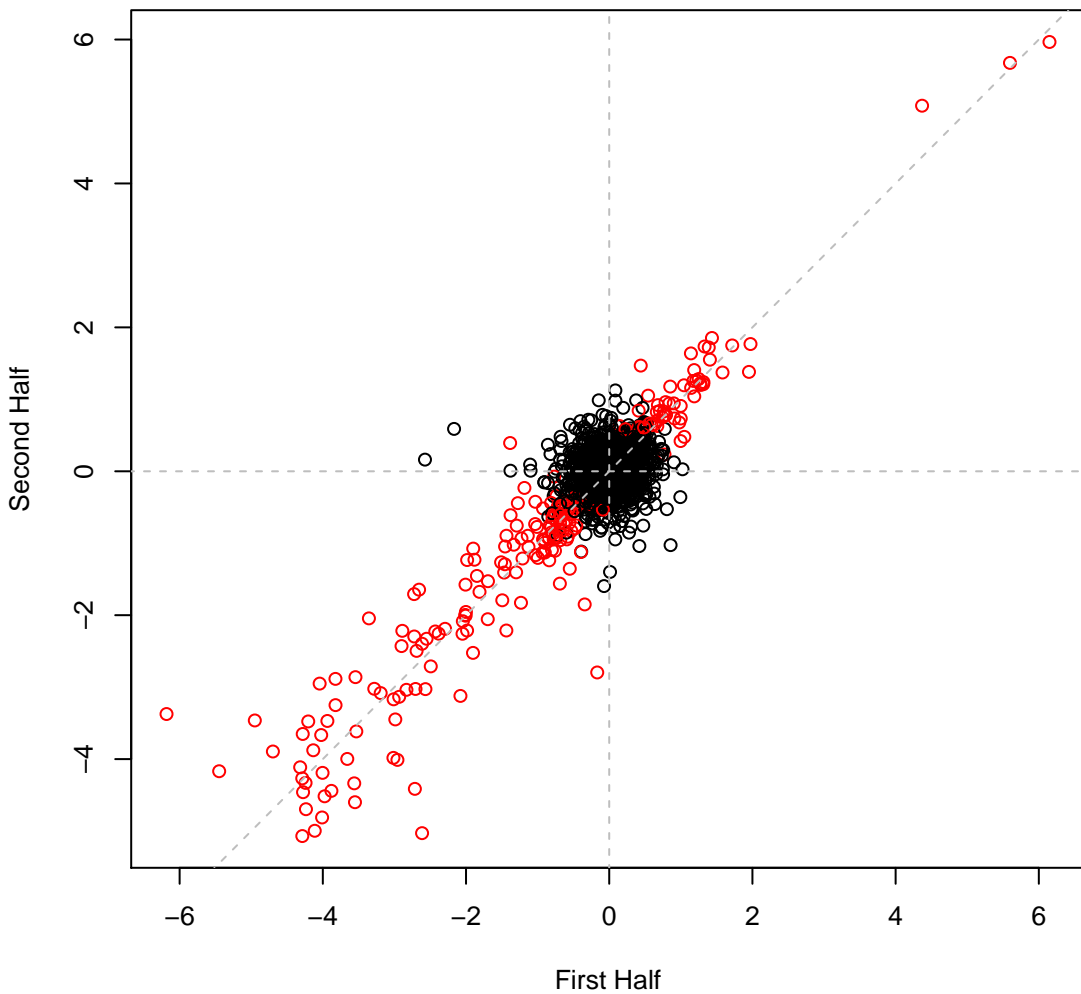
**Phaeo set6IT032 #288 (gMed=187 rho12=0.161)**  
**m.b. Zinc 0.1 mM**



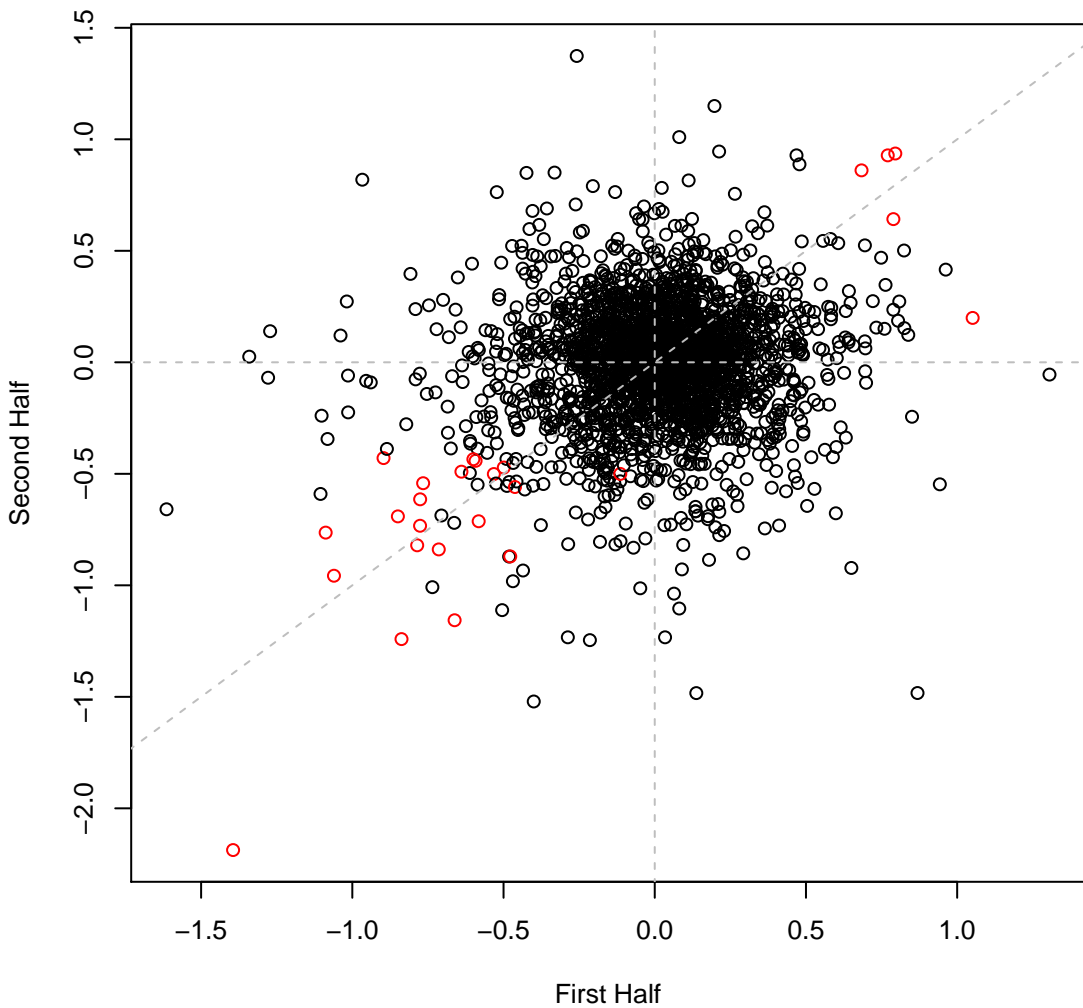
**Phaeo set6IT033 #289 (gMed=183 rho12=0.123)**  
**m.b. Chlorite 0.16 mM**



**Phaeo set6IT034 #290 (gMed=203 rho12=0.369)**  
**L-Threonine (C)**

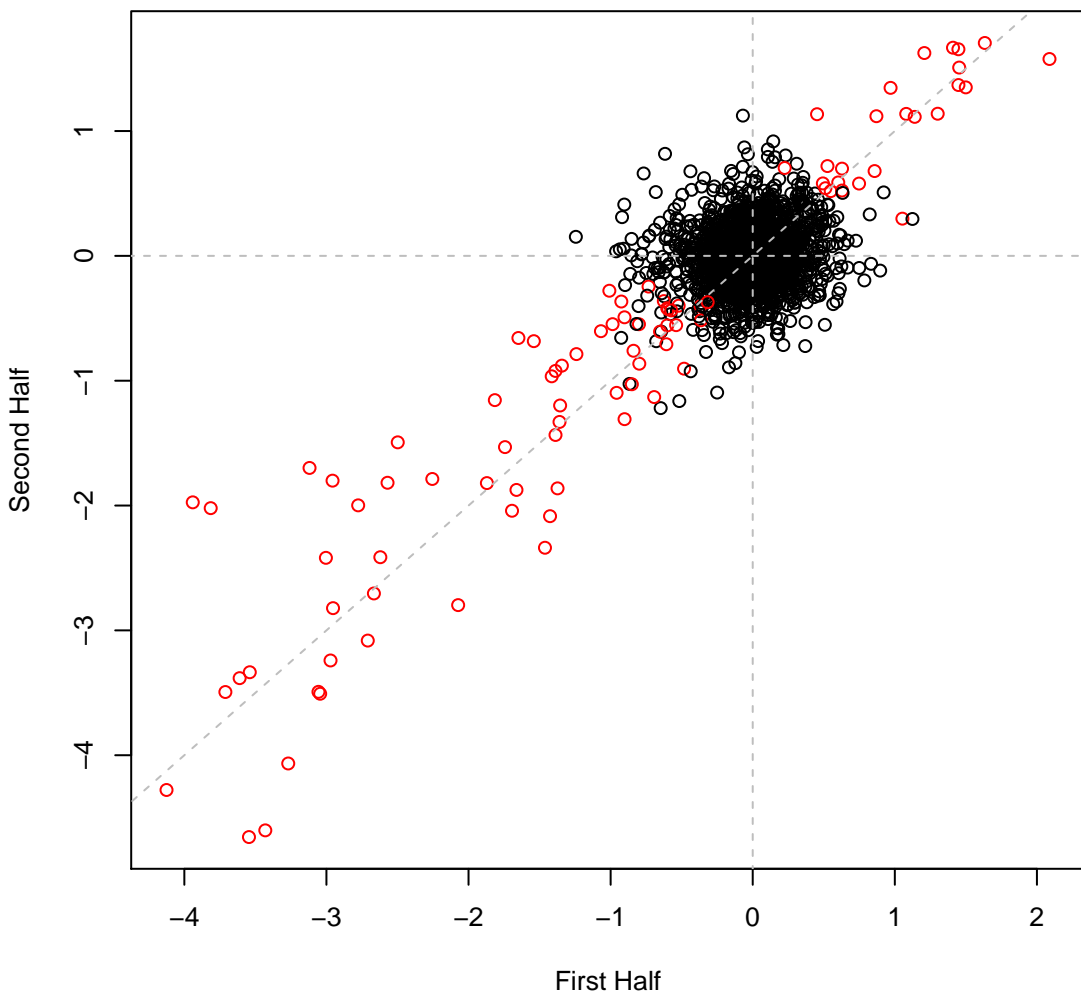


**Phaeo set6IT035 #291 (gMed=179 rho12=0.076)**  
**octanoate (C)**

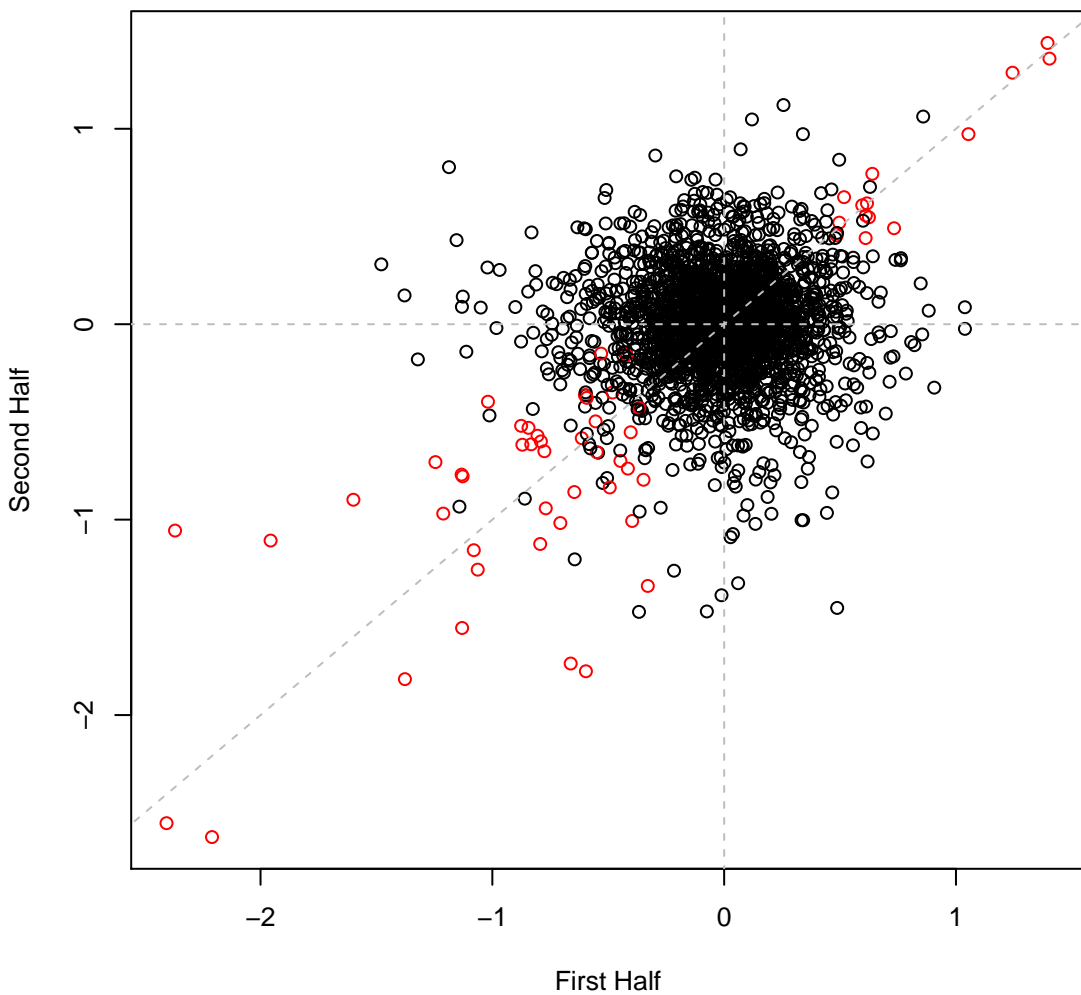




**Phaeo set6IT036 #292 (gMed=192 rho12=0.222)**  
**L-Proline (C)**

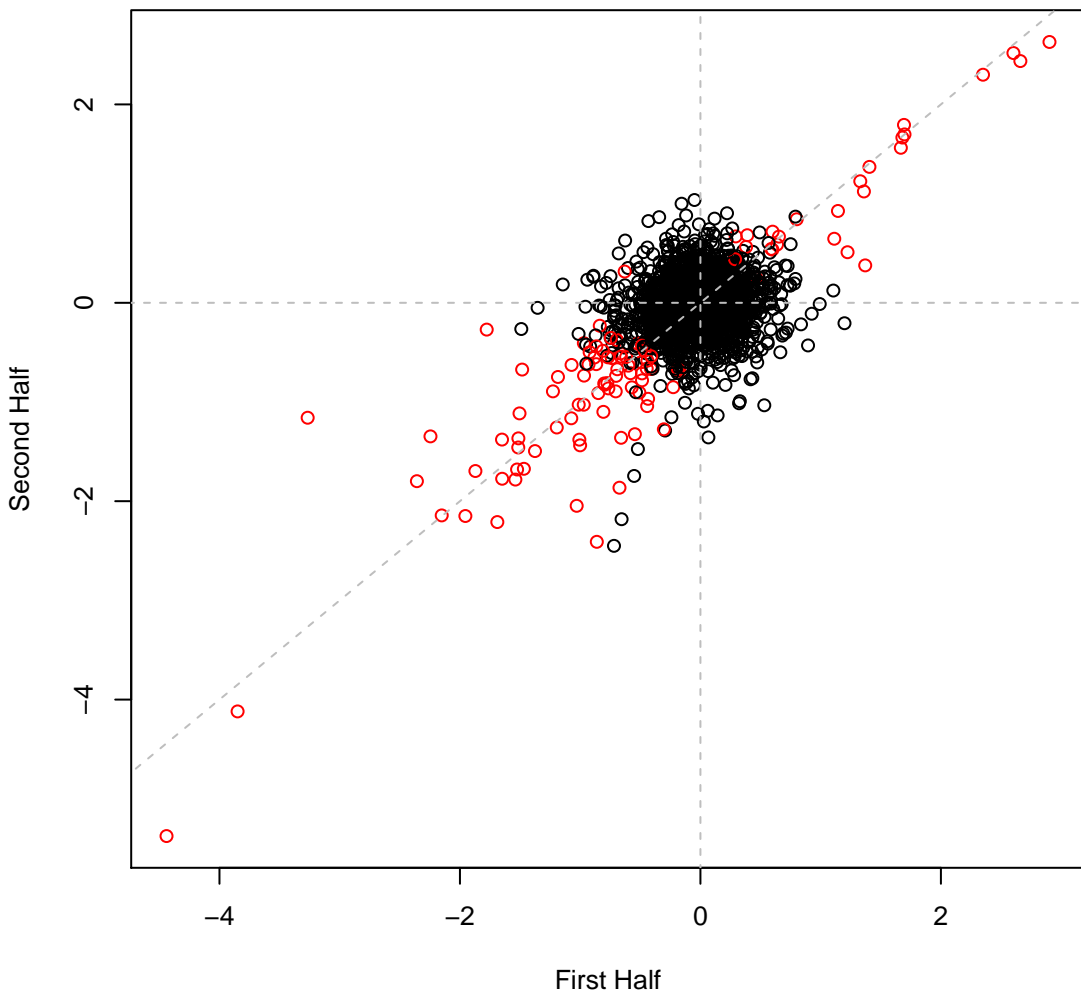


**Phaeo set6IT037 #293 (gMed=197 rho12=0.084)**  
**m.b. Chloride 800 mM**

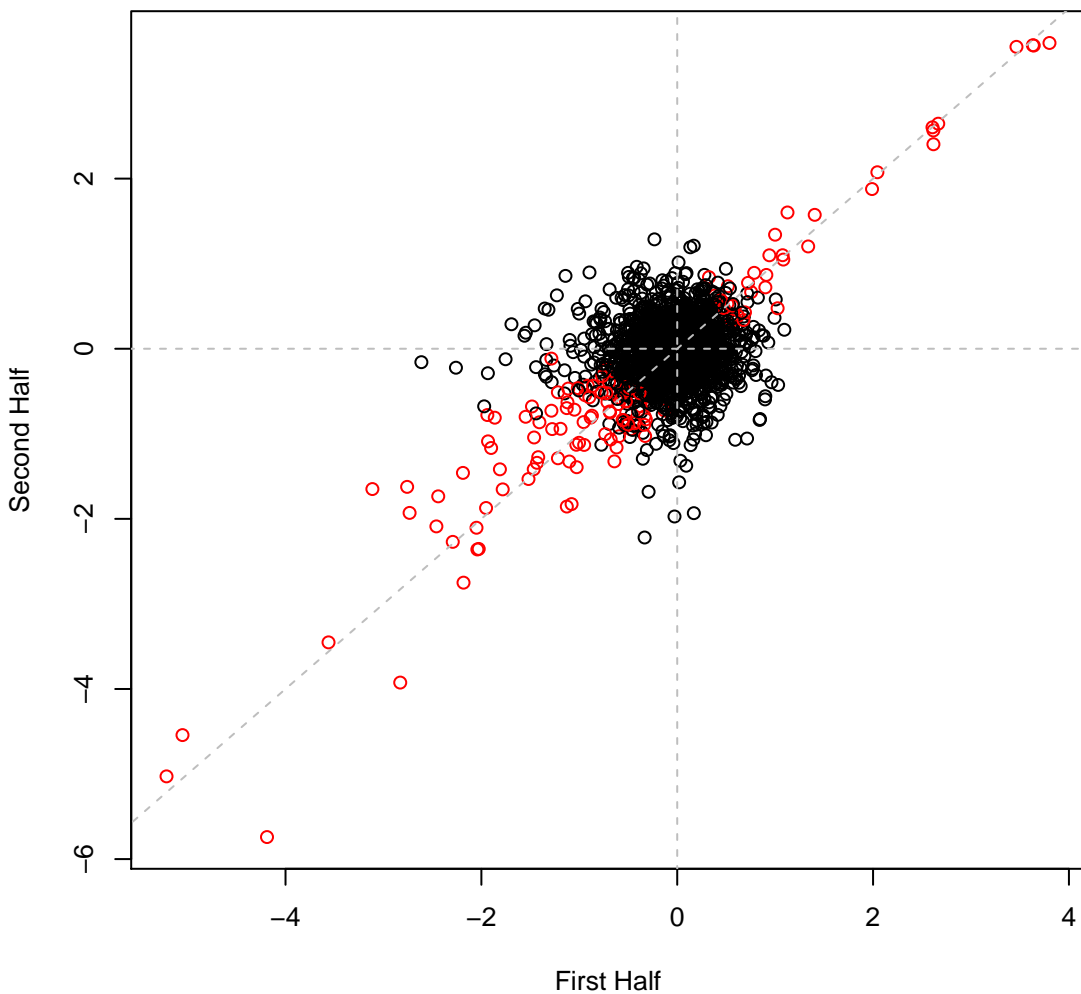


**Phaeo set6IT038 #294 (gMed=220 rho12=0.216)**

**m.b. Benzethonium chloride 0.0125 mM**

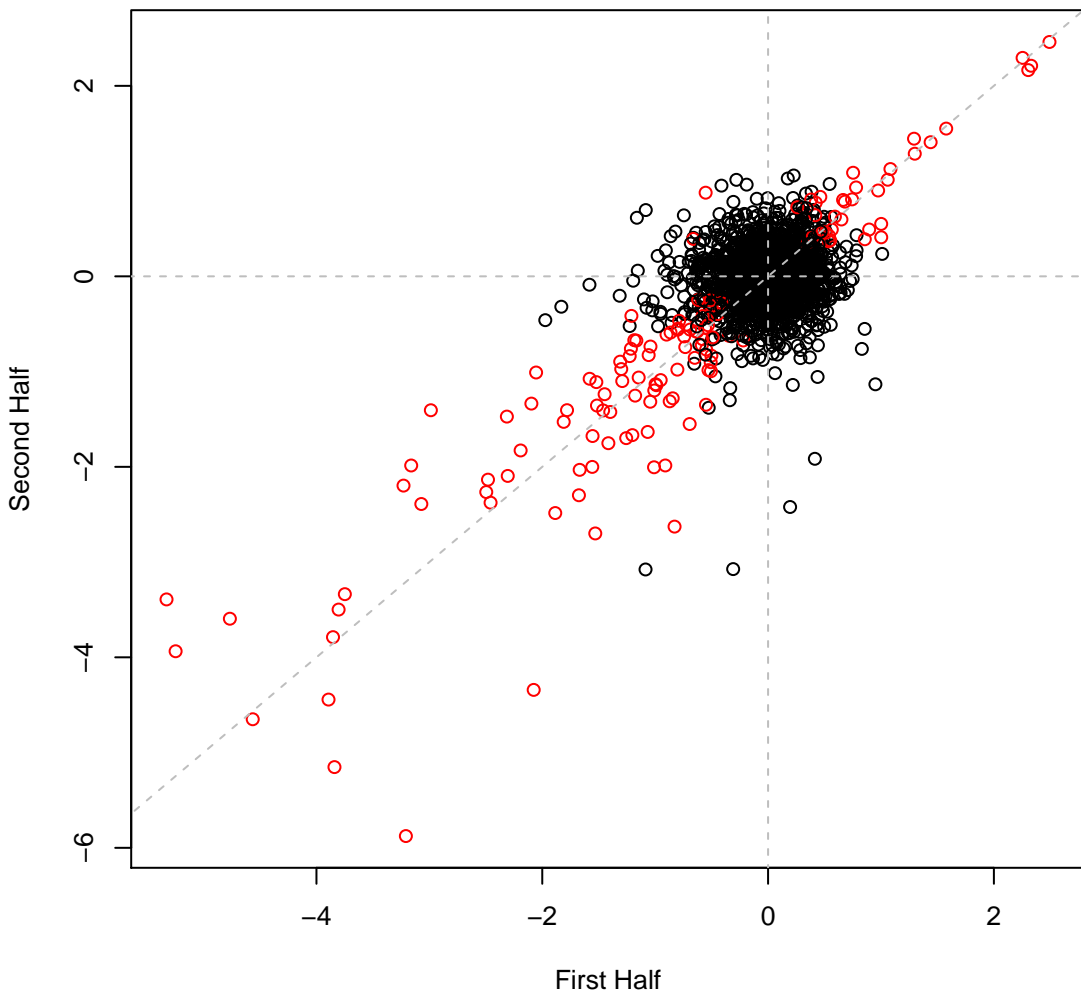


**Phaeo set6IT039 #295 (gMed=186 rho12=0.219)**  
**m.b. Benzethonium chloride 0.02 mM**

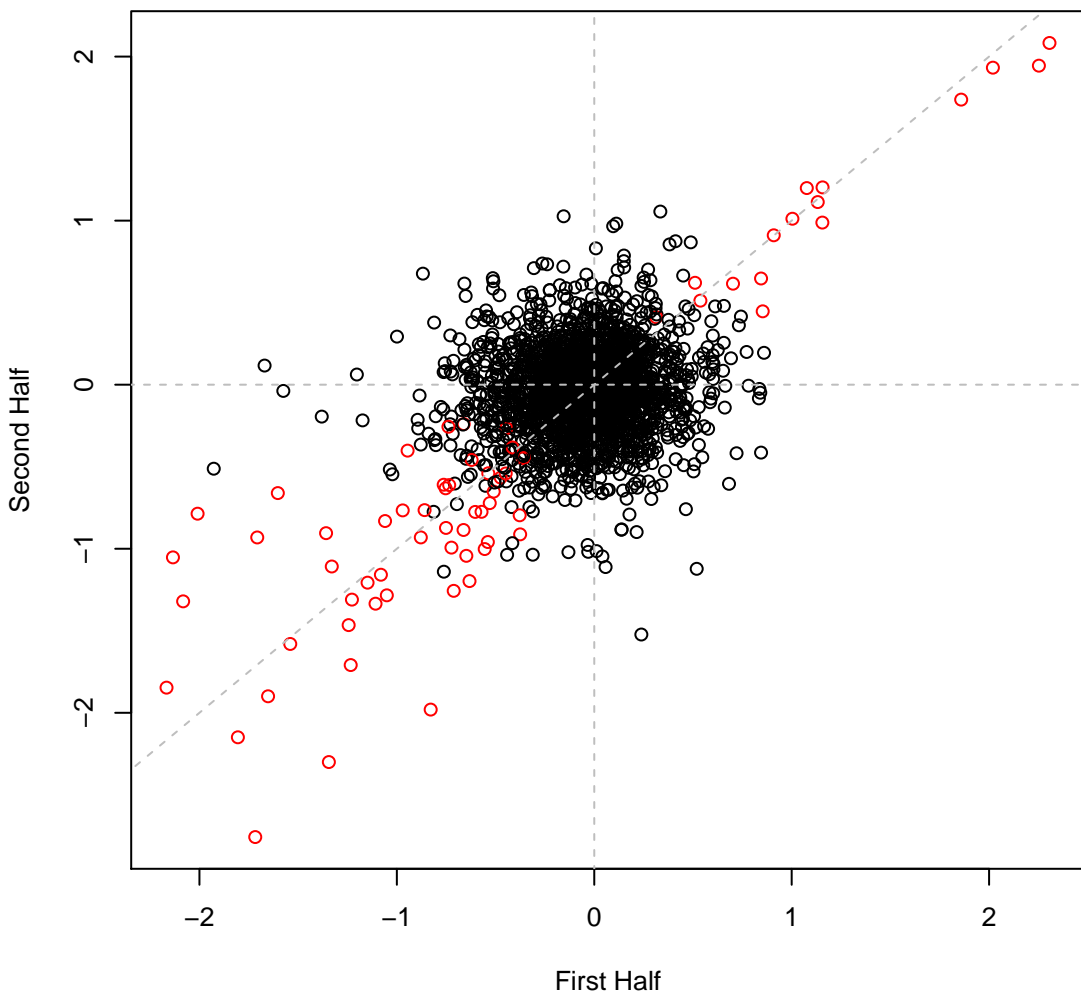


**Phaeo set6IT040 #296 (gMed=204 rho12=0.224)**

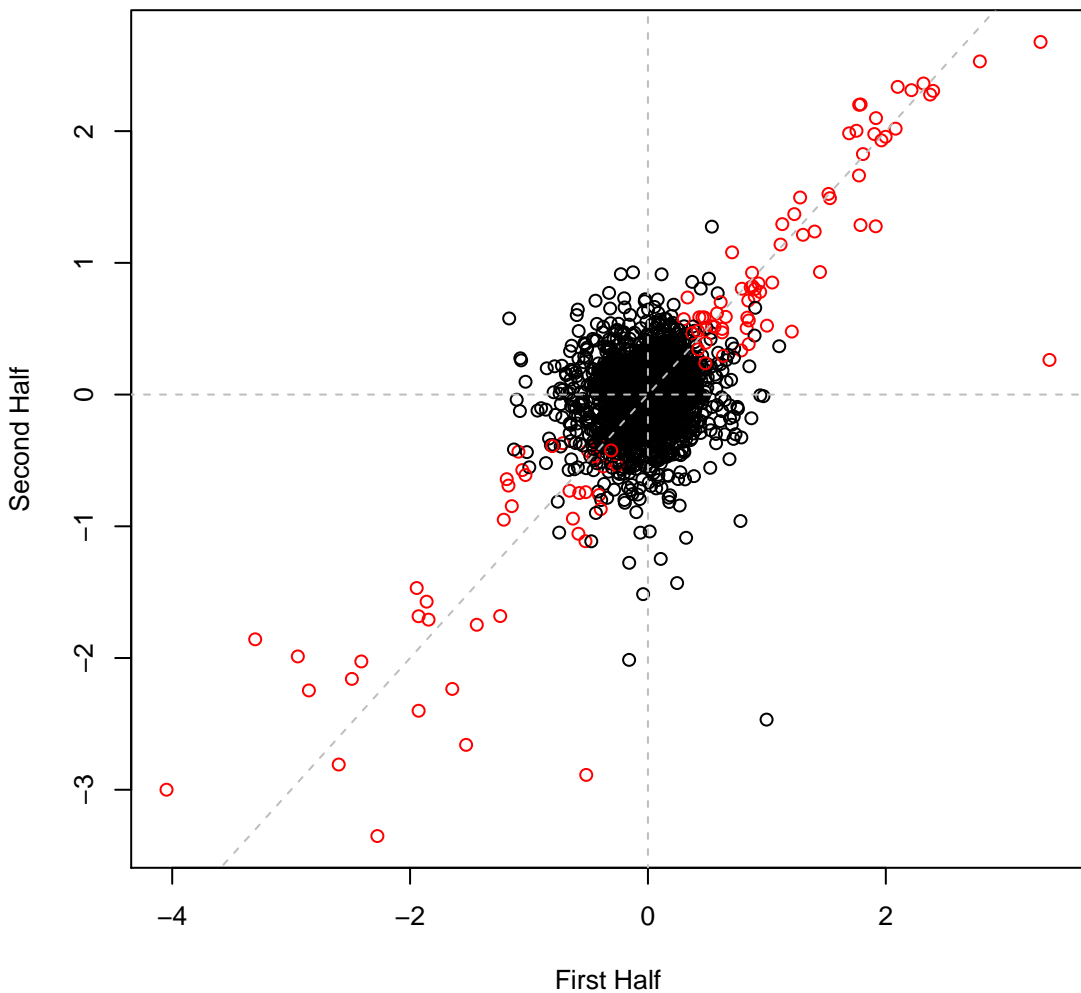
**m.b. Benzalkonium Chloride 0.004 mg/ml**



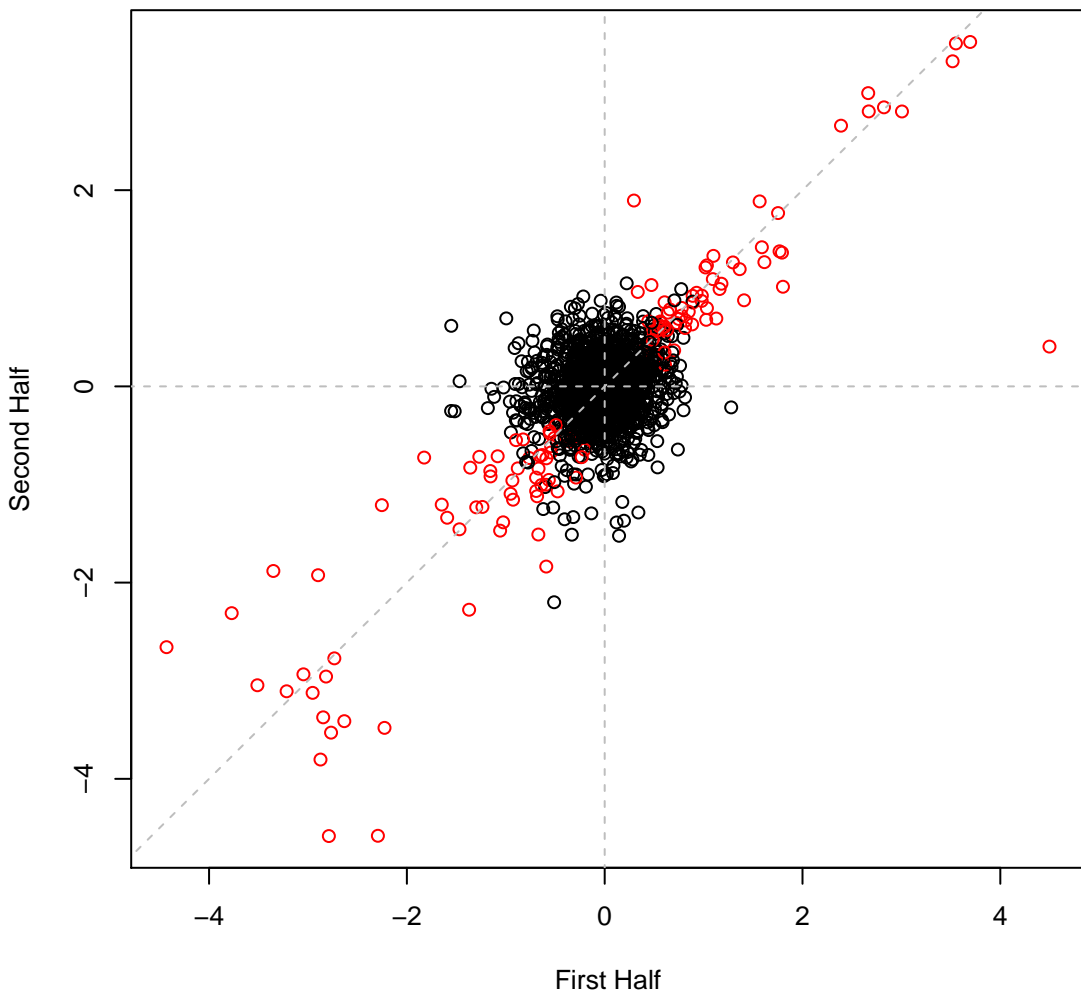
**Phaeo set6IT041 #297 (gMed=193 rho12=0.148)**  
**marine broth**



**Phaeo set6IT042 #298 (gMed=205 rho12=0.220)**  
**m.b. Phosphomycin 1 mg/ml**

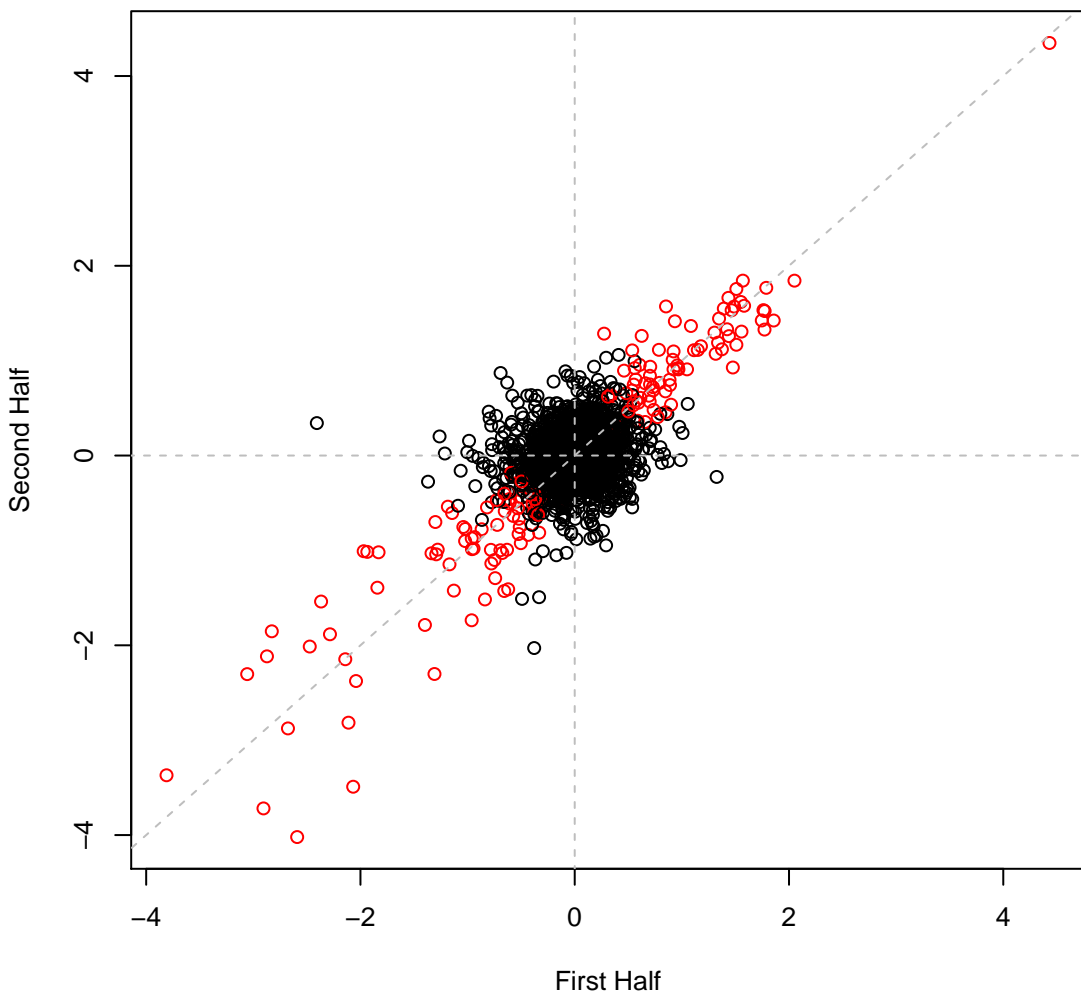


**Phaeo set6IT043 #299 (gMed=191 rho12=0.244)**  
**m.b. Phosphomycin 2 mg/ml**

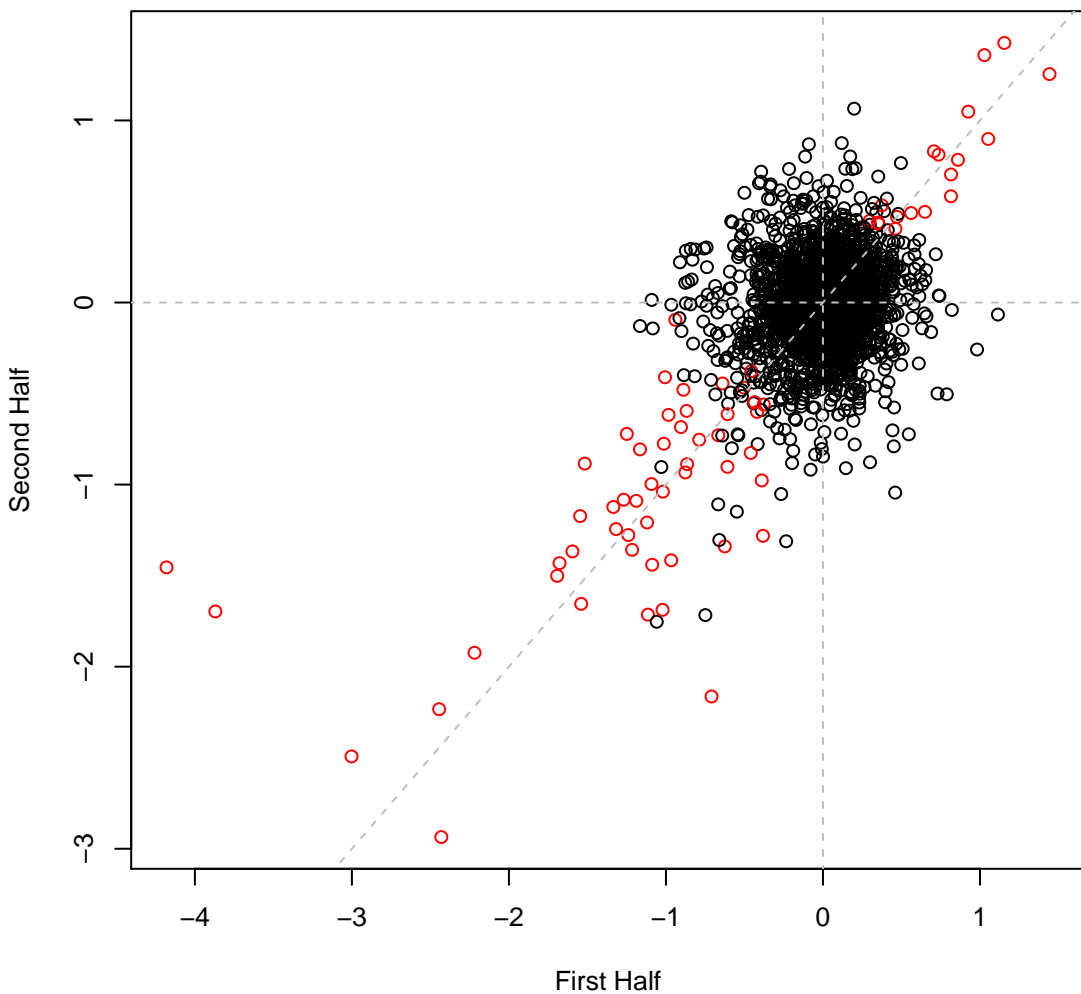




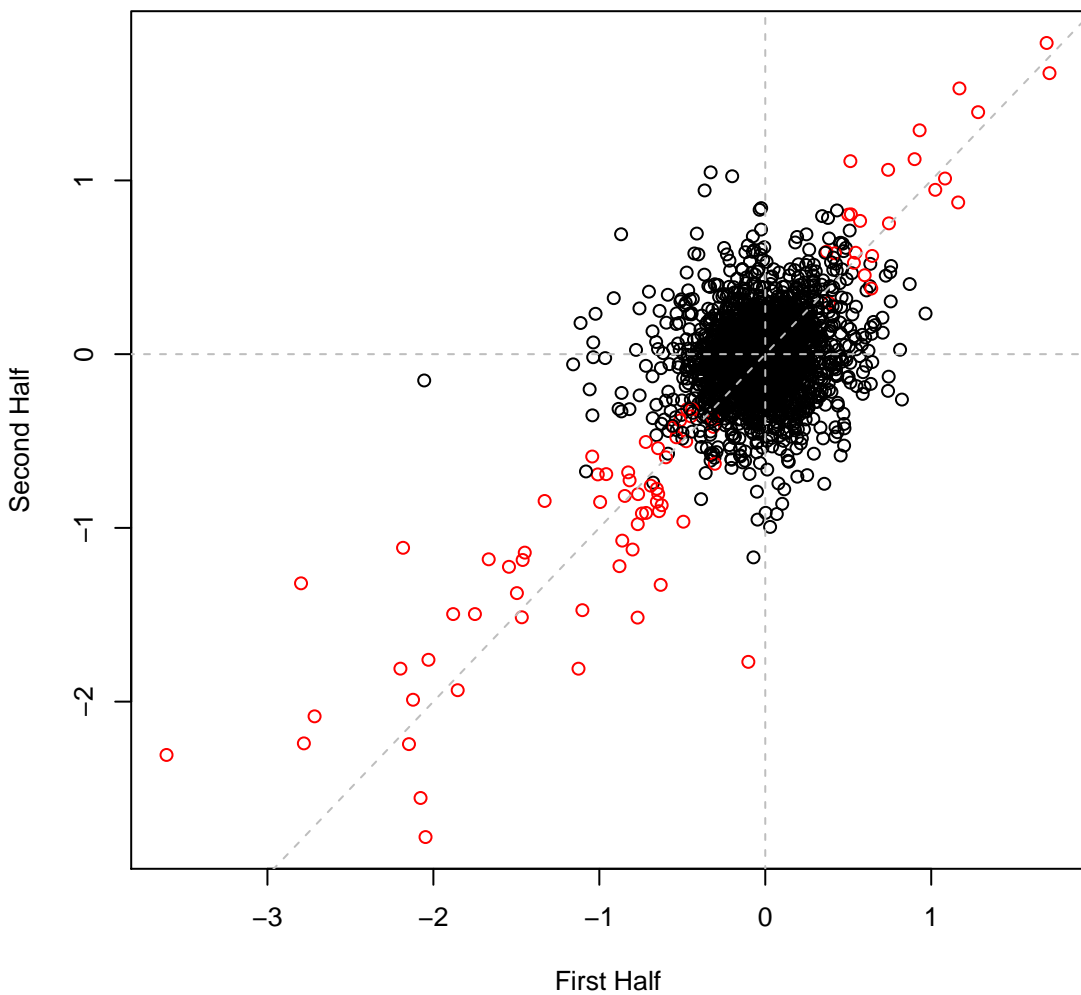
**Phaeo set6IT044 #300 (gMed=203 rho12=0.293)**  
**m.b. Fusidic 0.0002 mg/ml**



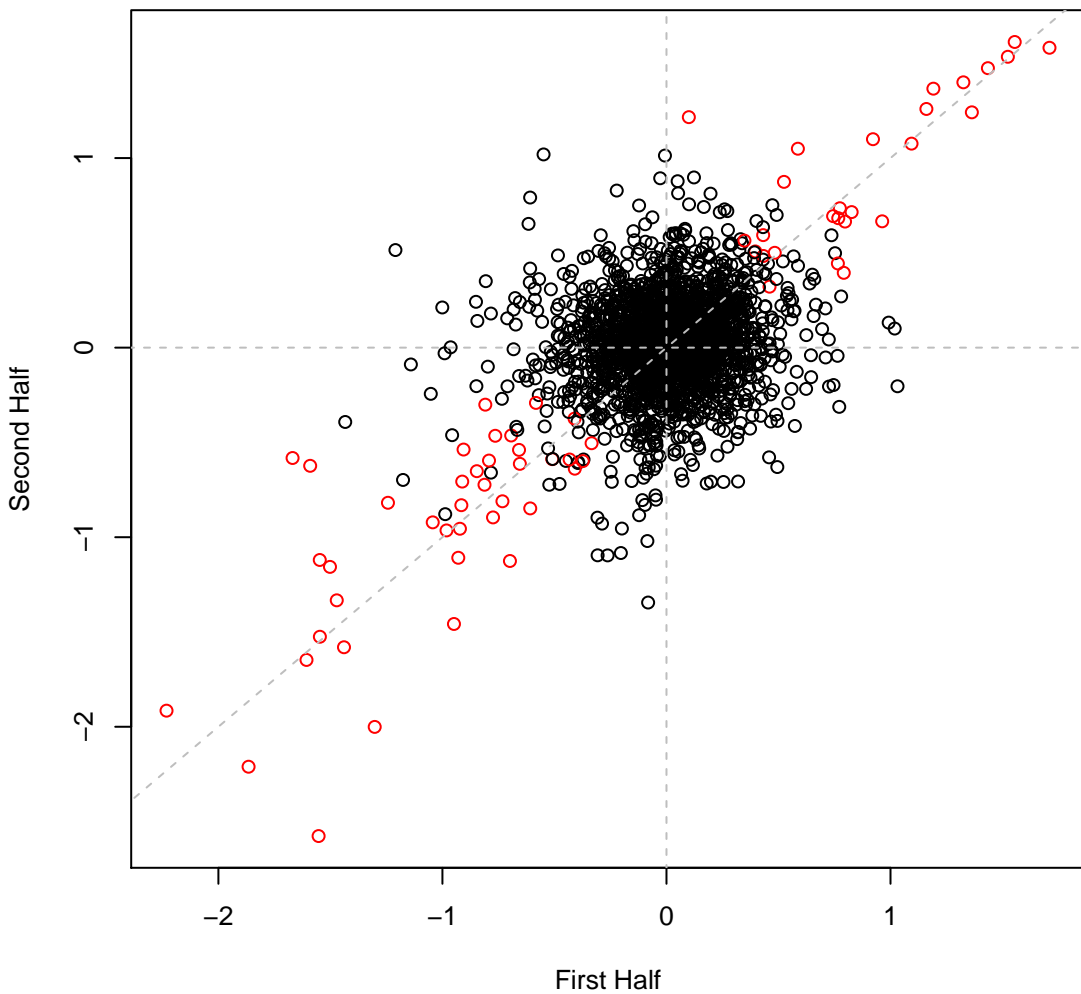
**Phaeo set6IT045 #301 (gMed=196 rho12=0.161)**  
**m.b. Dimethyl Sulfoxide 7.5 vol%**



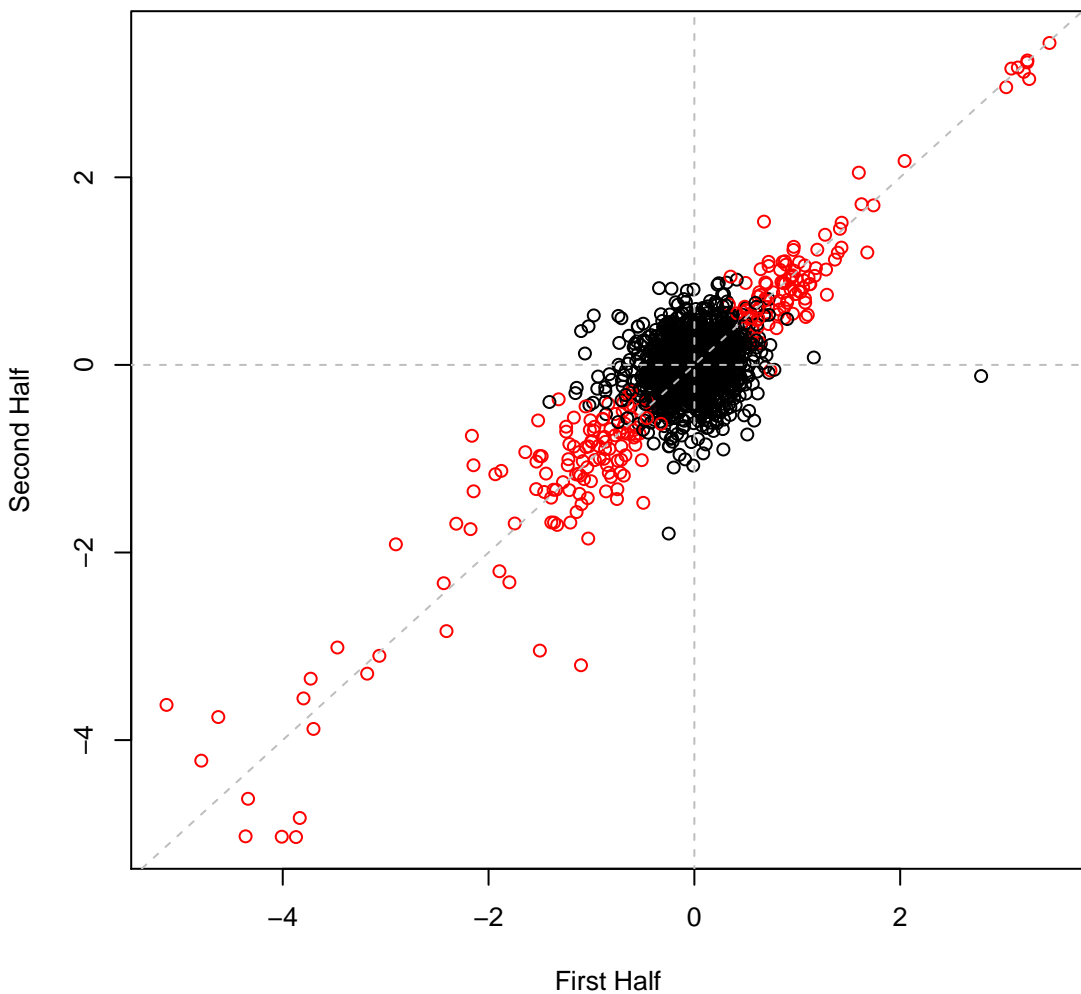
**Phaeo set6IT046 #302 (gMed=197 rho12=0.215)**  
**L-Asparagine (C)**



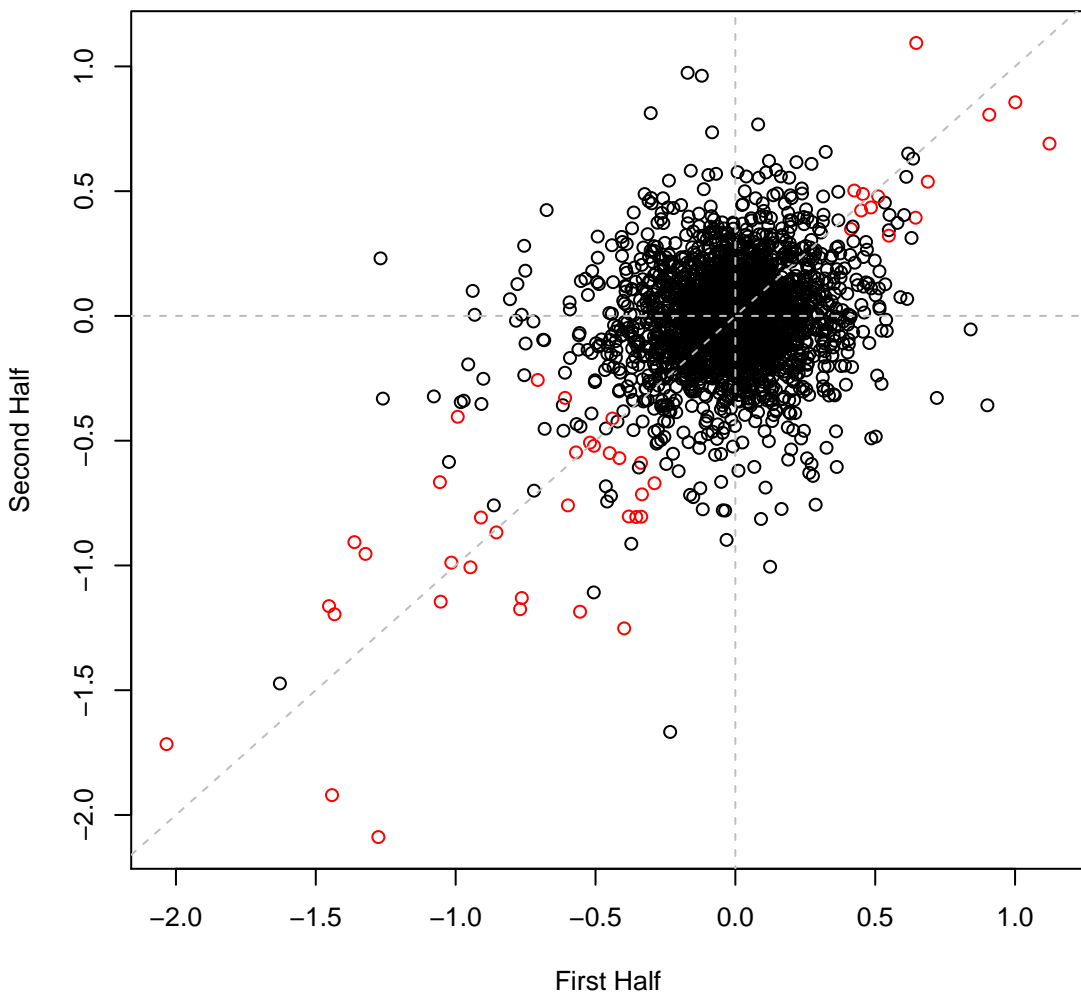
**Phaeo set6IT047 #303 (gMed=176 rho12=0.186)**  
**butyrate (C)**



**Phaeo set6IT048 #304 (gMed=207 rho12=0.382)**  
**casaminos (C)**

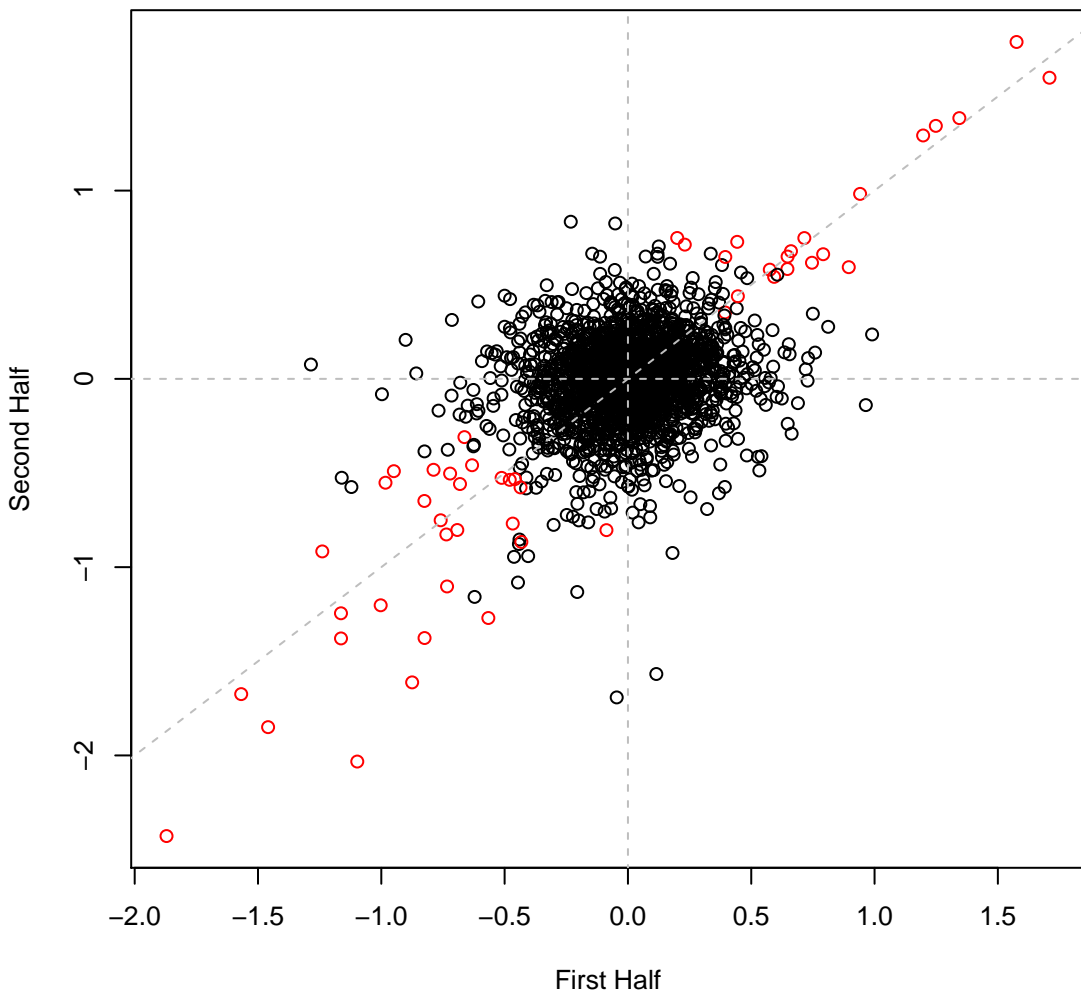


**Phaeo set7IT049 #305 (gMed=260 rho12=0.155)**  
**m.b. A22 0.02 mg/ml**



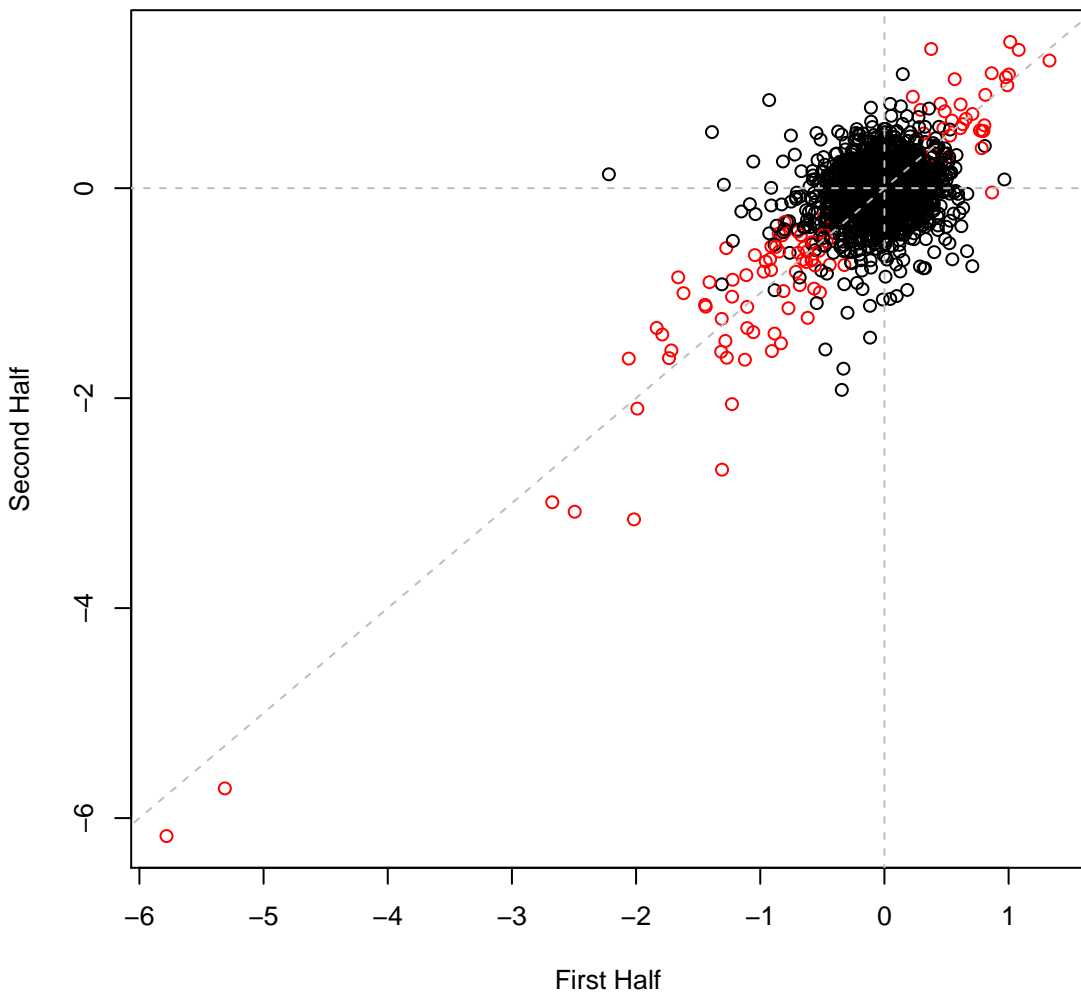
**Phaeo set7IT050 #306 (gMed=260 rho12=0.188)**

**m.b. Lomefloxacin 0.00078125 mM**



**Phaeo set7IT051 #307 (gMed=252 rho12=0.253)**

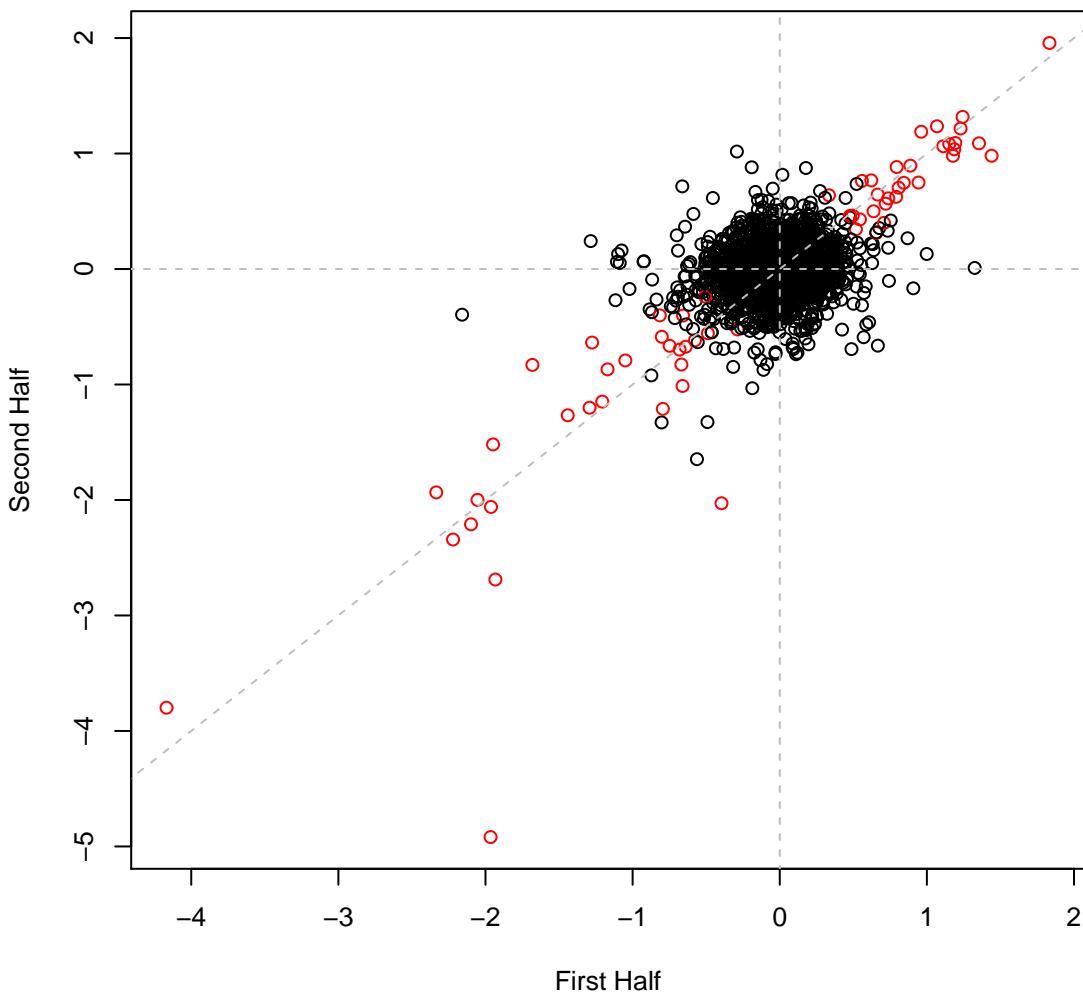
**m.b. D-Cycloserine 0.0625 mg/ml**



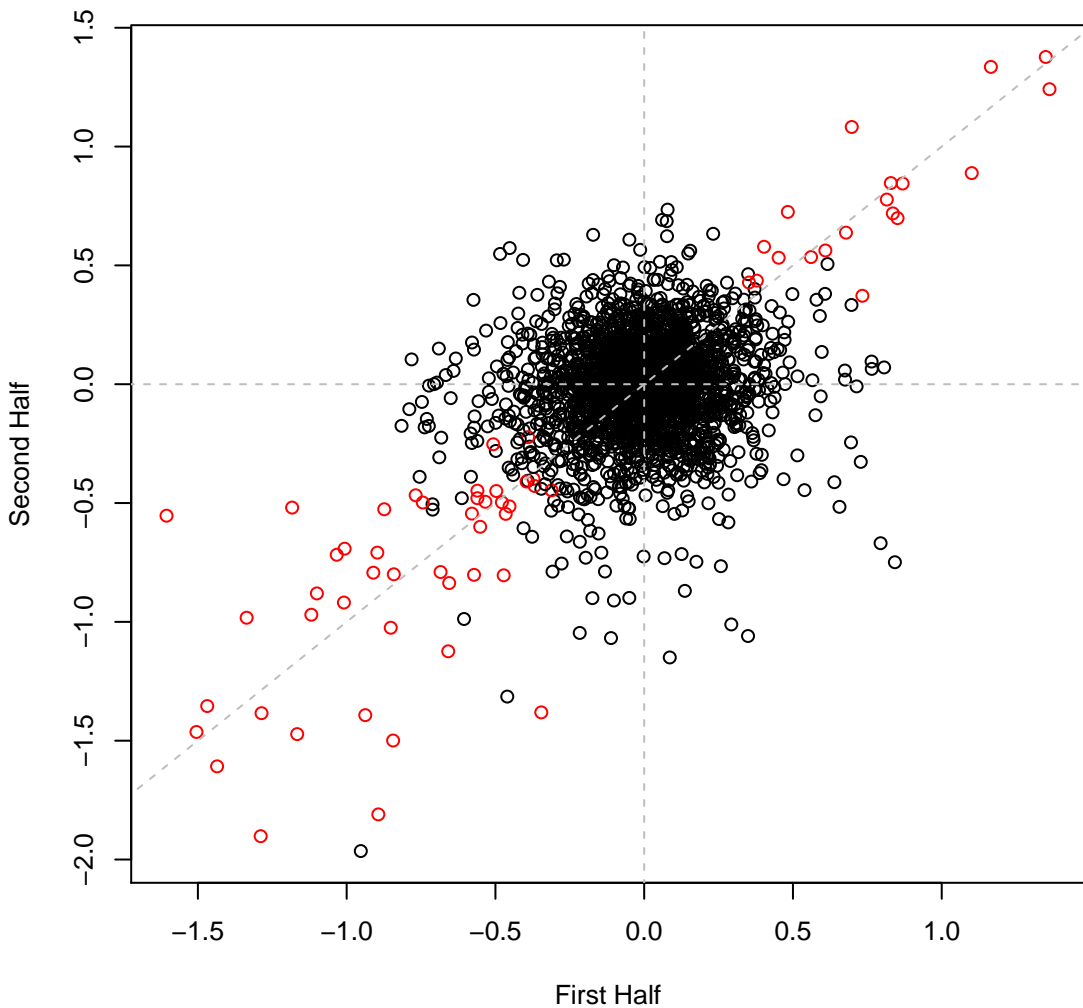


**Phaeo set7IT052 #308 (gMed=232 rho12=0.198)**

**m.b. Doxycycline hyclate 0.002 mg/ml**

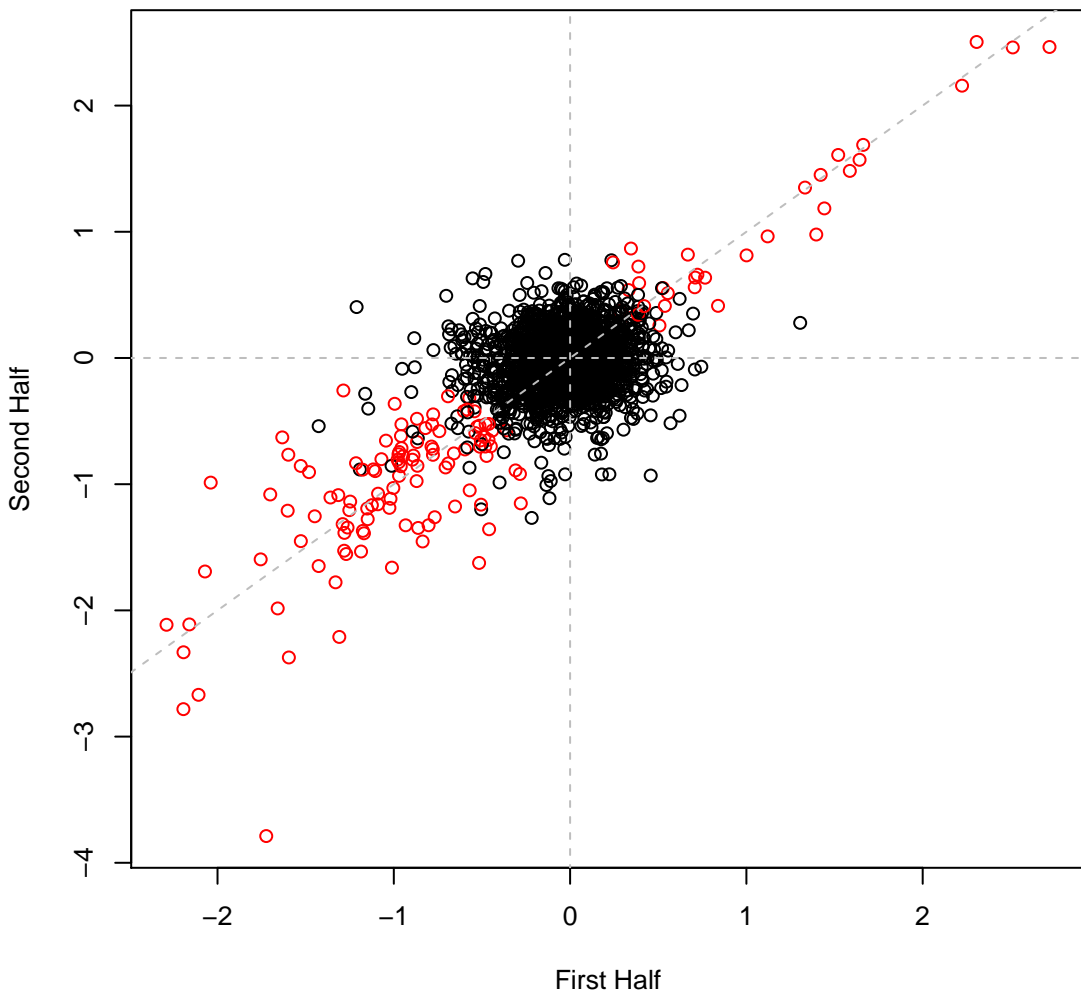


**Phaeo set7IT053 #309 (gMed=258 rho12=0.193)**  
**marine broth**

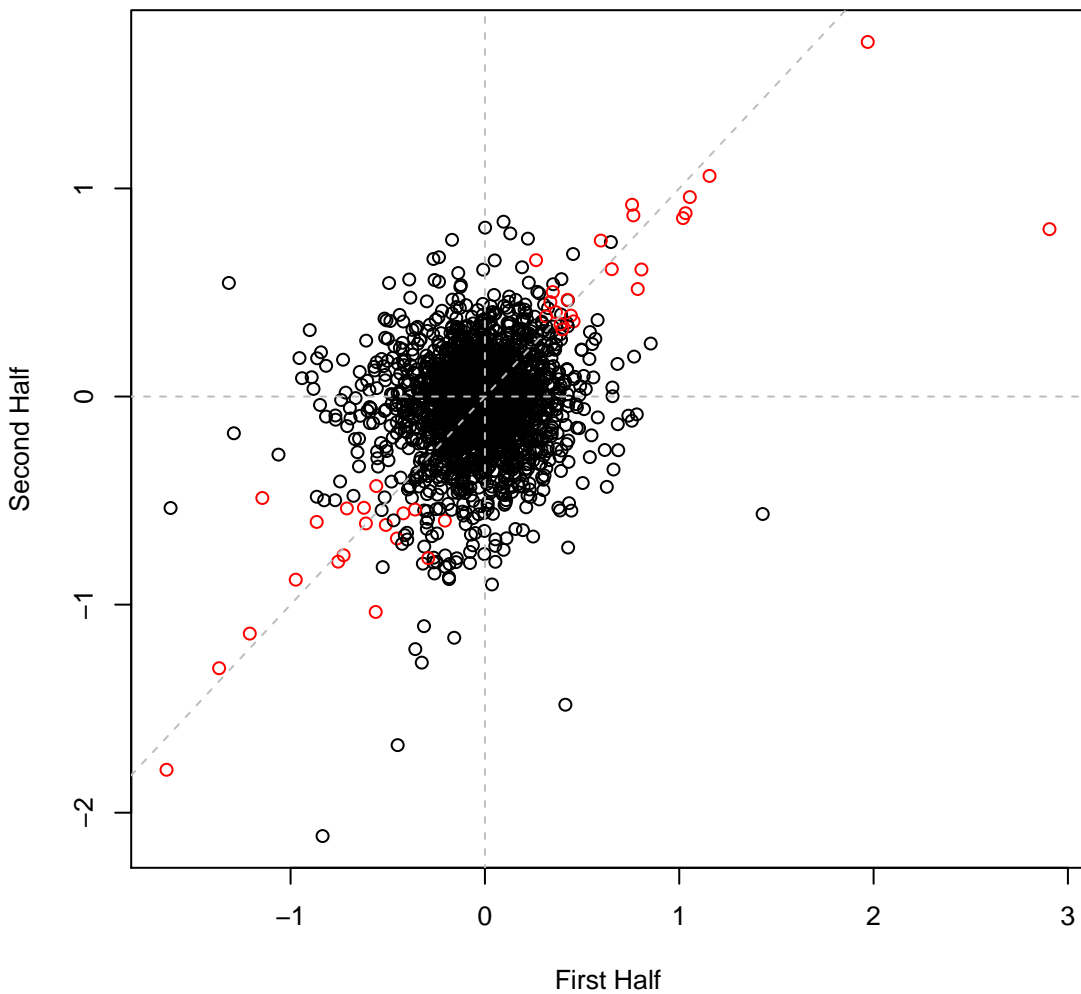


**Phaeo set7IT054 #310 (gMed=243 rho12=0.267)**

**m.b. Spectinomycin 0.00625 mg/ml**

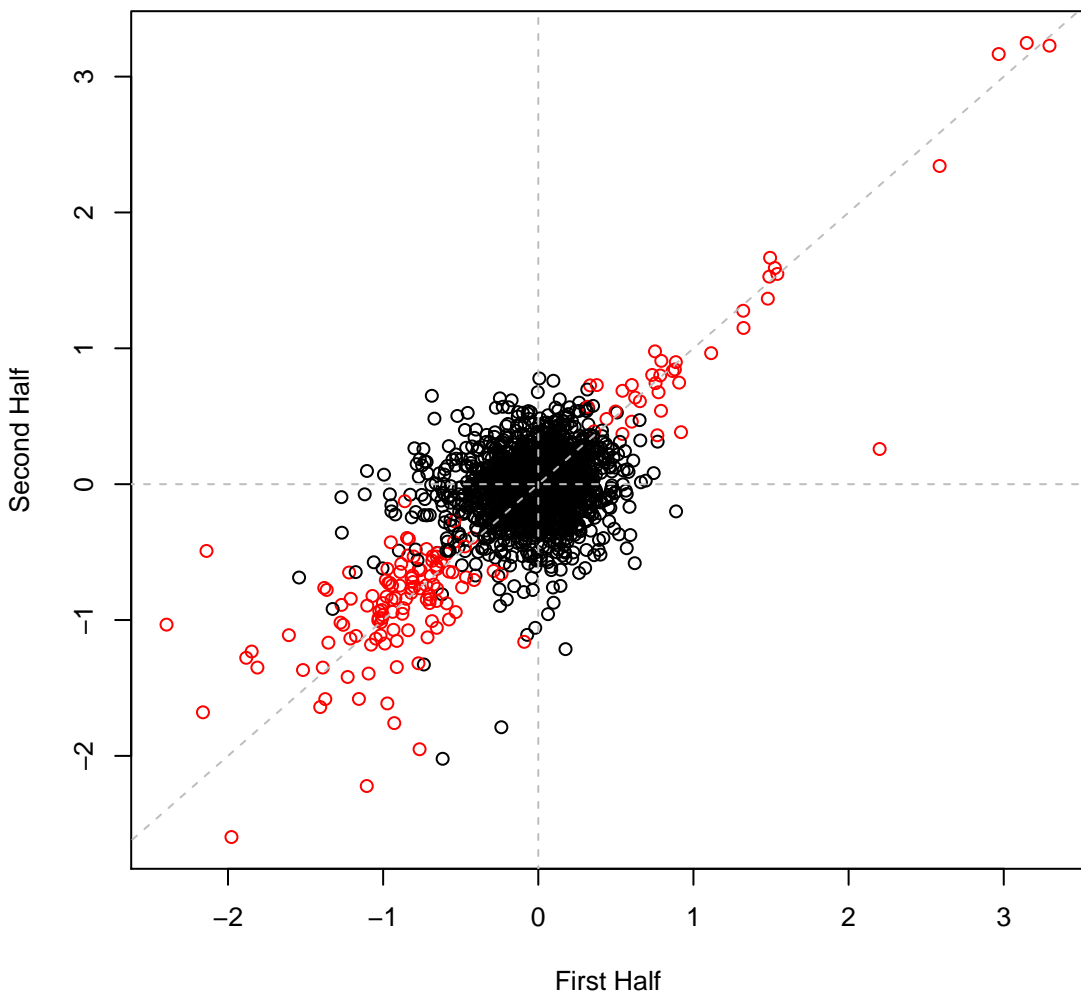


**Phaeo set7IT055 #311 (gMed=232 rho12=0.130)**  
**m.b. Nalidixic 0.016 mg/ml**

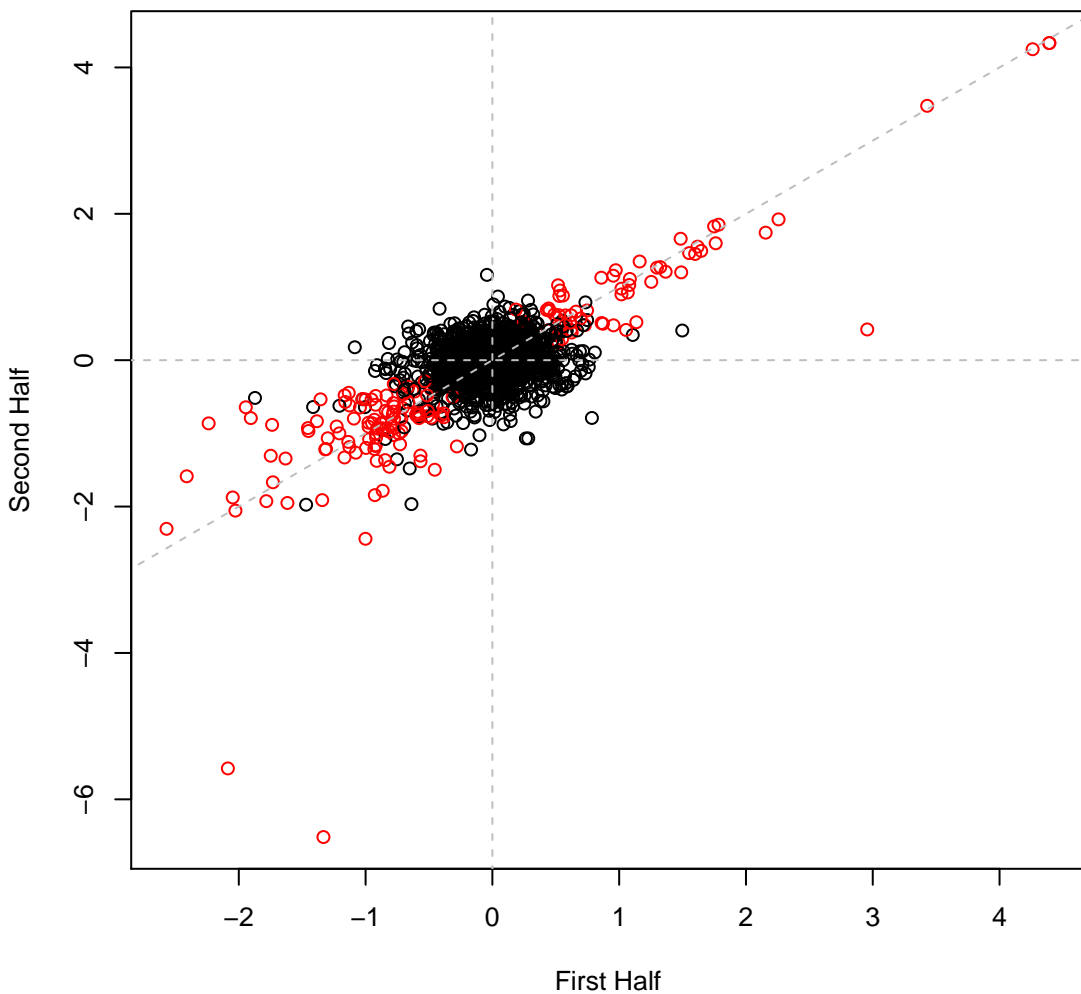


**Phaeo set7IT056 #312 (gMed=243 rho12=0.276)**

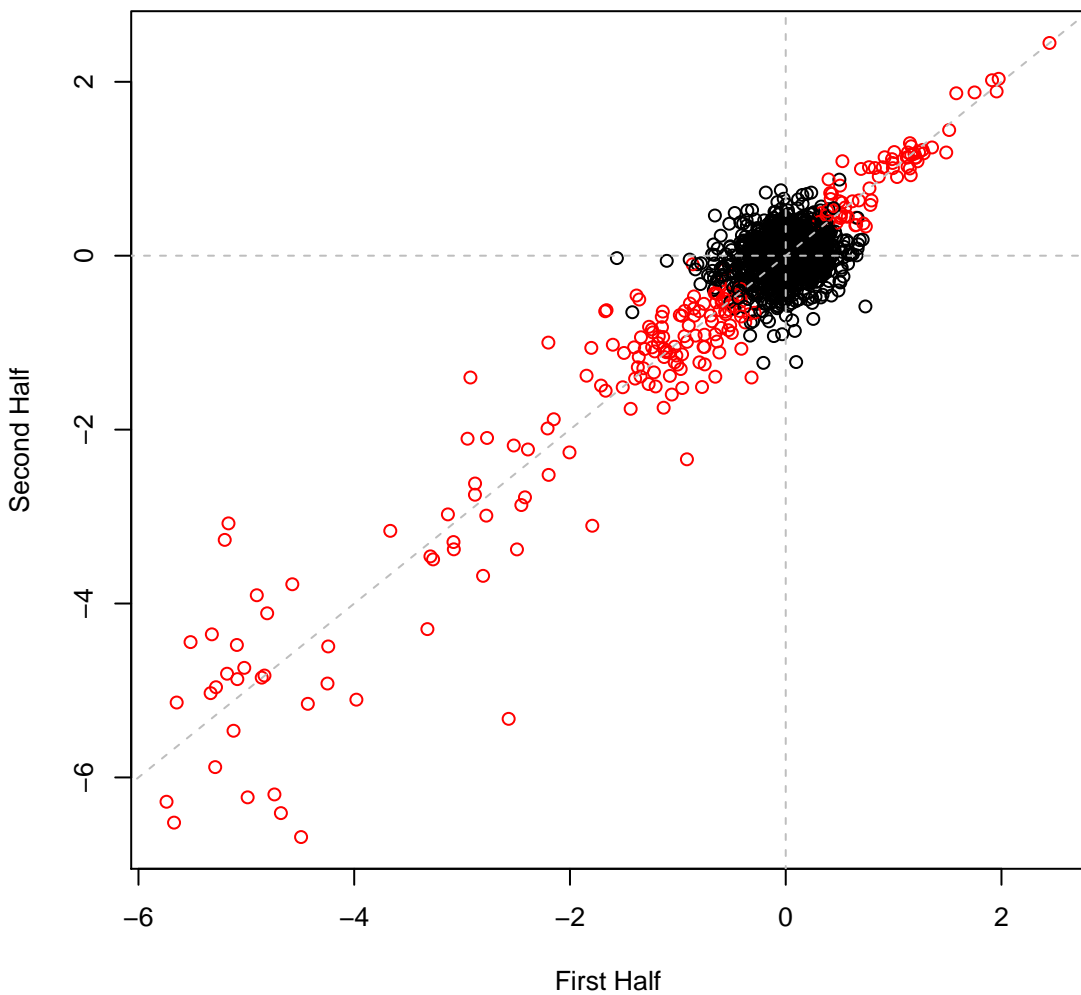
**m.b. Gentamicin 0.002 mg/ml**



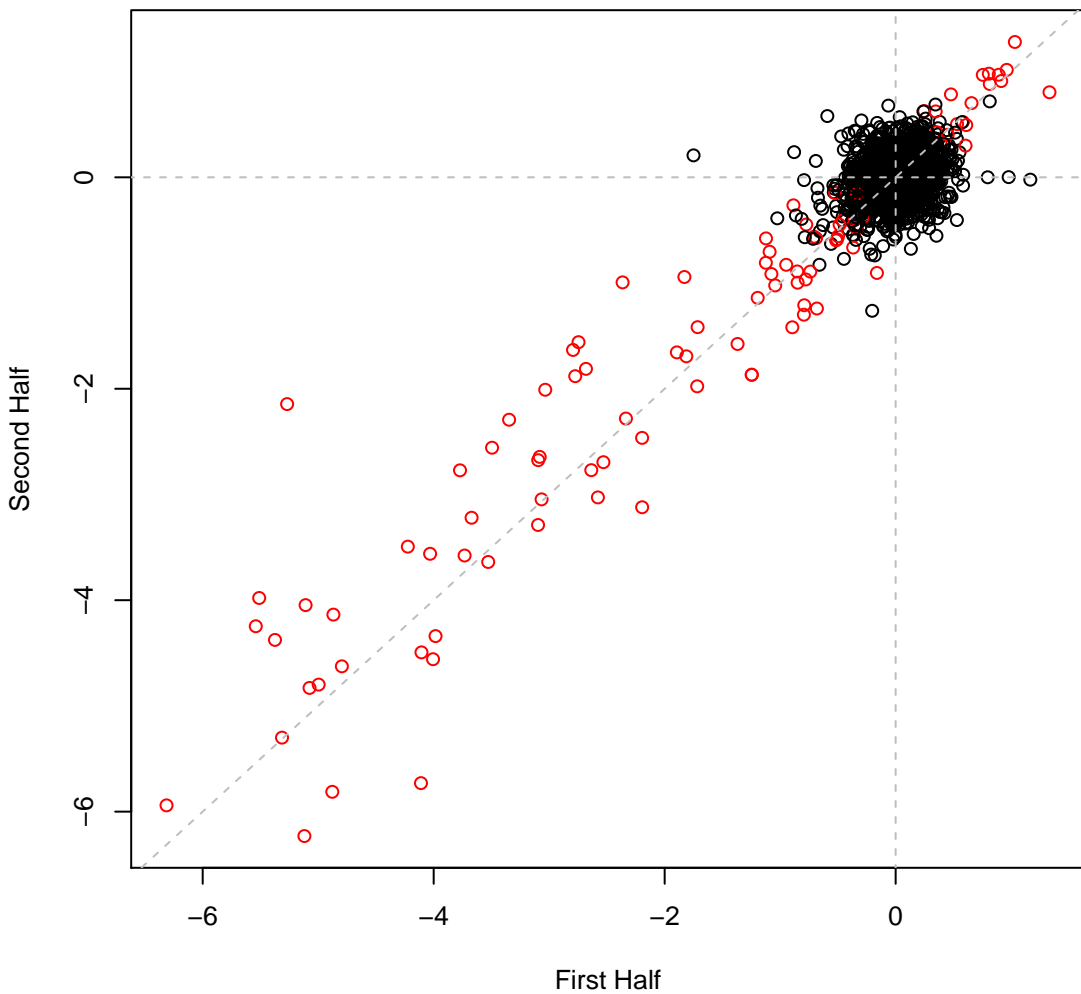
**Phaeo set7IT057 #313 (gMed=234 rho12=0.317)**  
**m.b. Gentamicin 0.004 mg/ml**



**Phaeo set7IT058 #314 (gMed=254 rho12=0.379)**  
**L-Glutamine (C)**

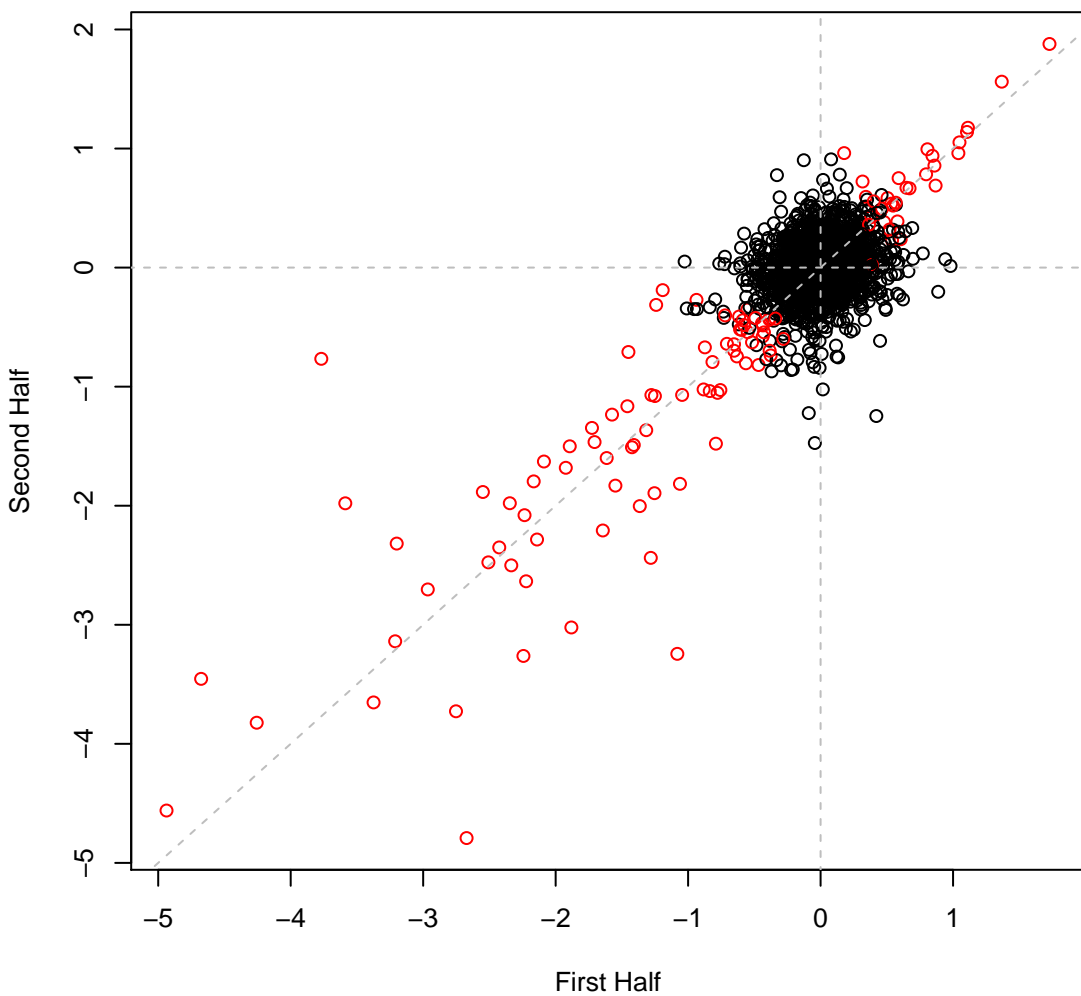


**Phaeo set7IT059 #315 (gMed=267 rho12=0.267)**  
**L-Glutamic (C)**

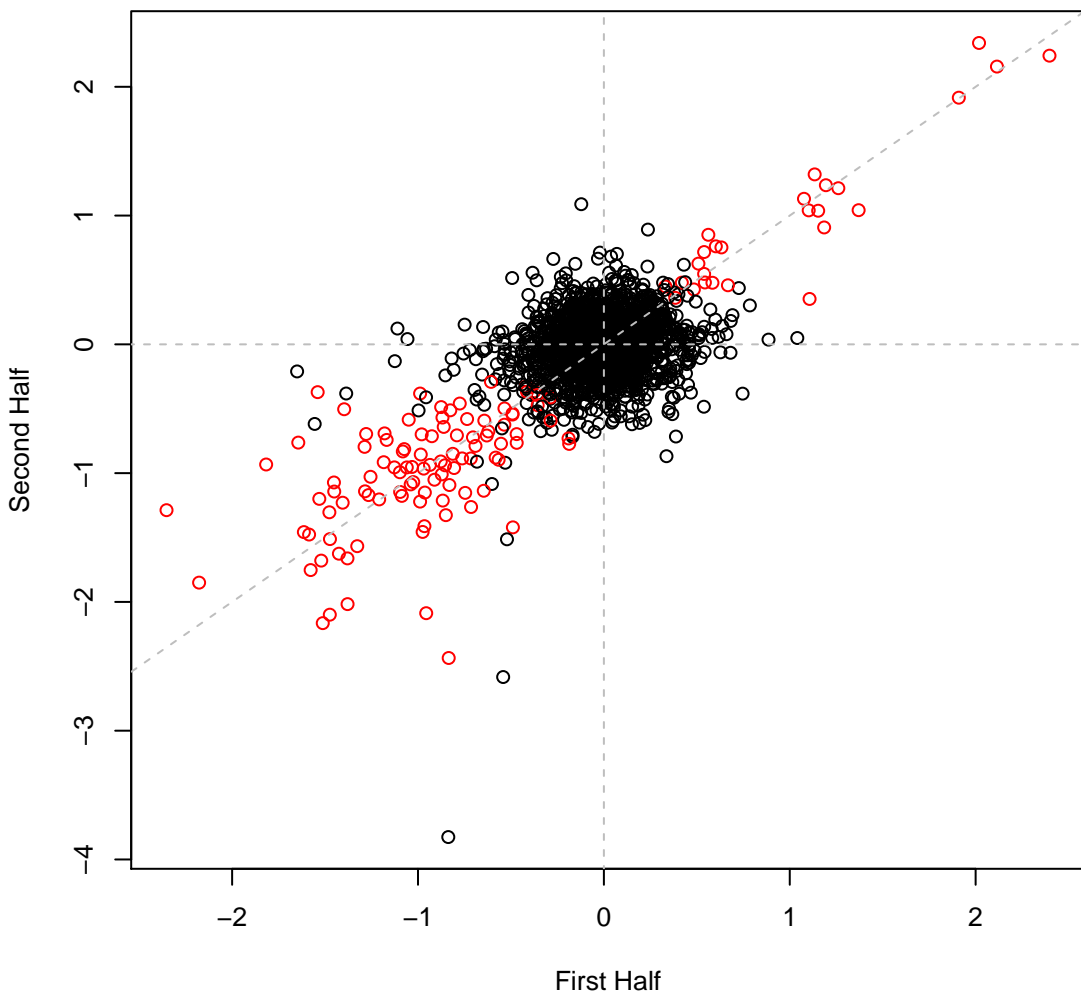




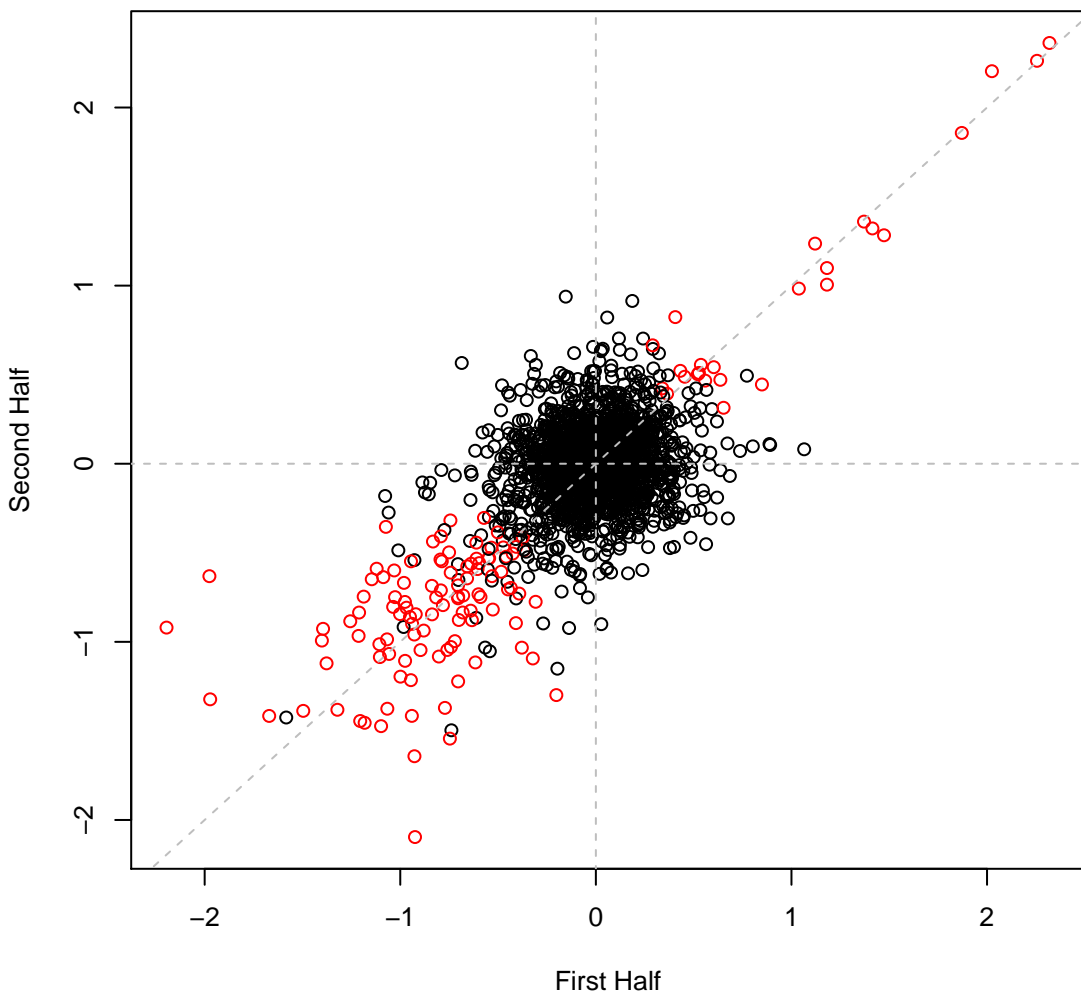
**Phaeo set7IT060 #316 (gMed=241 rho12=0.281)**  
**NAG (C)**



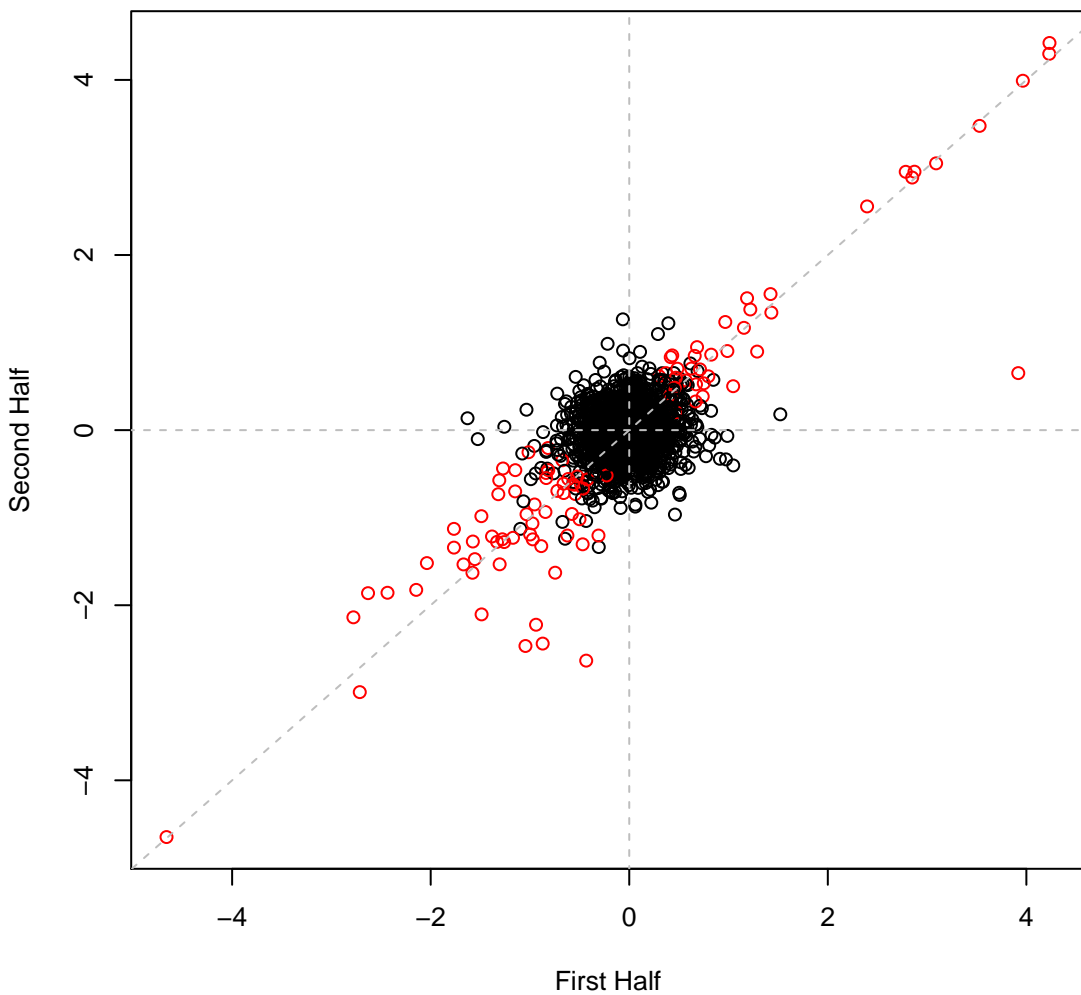
**Phaeo set7IT061 #317 (gMed=267 rho12=0.250)**  
**m.b. Cholin acetate 15 mM**



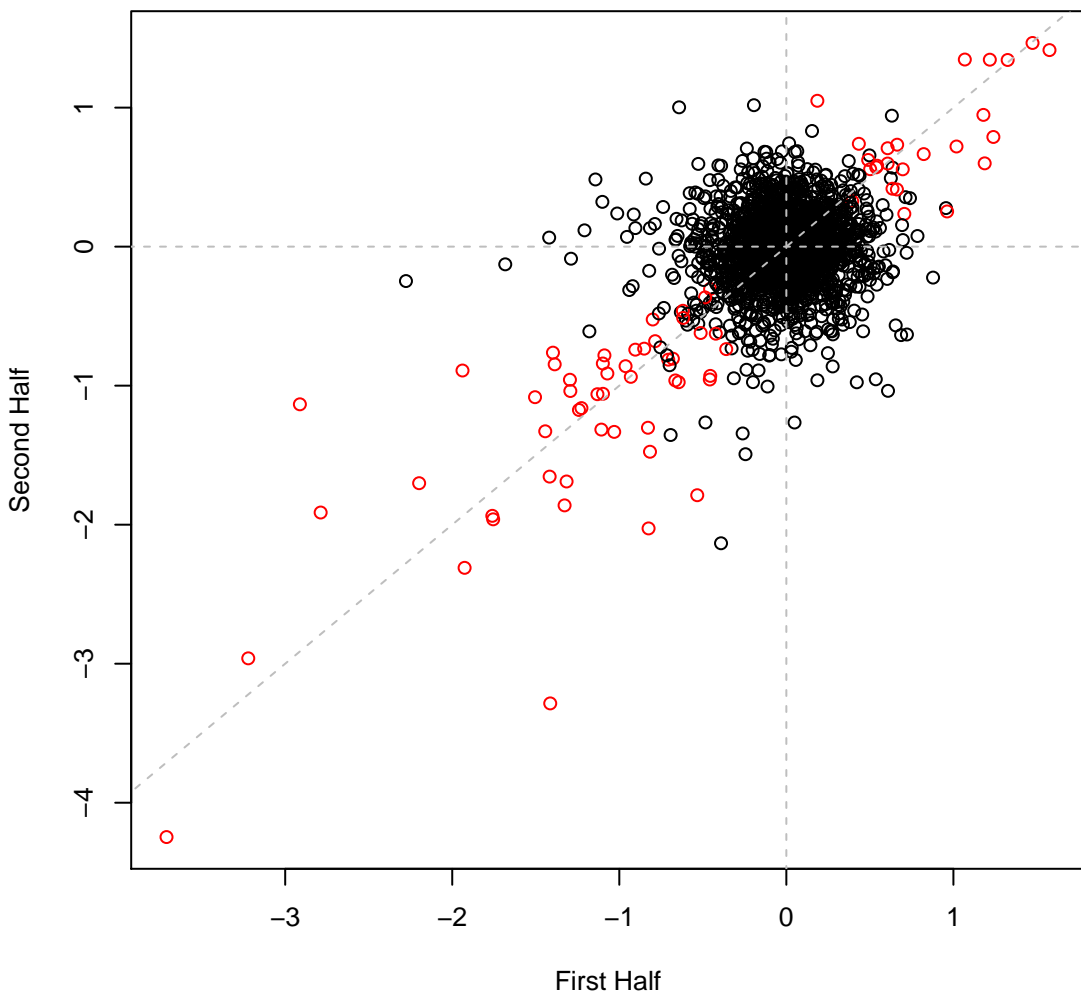
**Phaeo set7IT062 #318 (gMed=277 rho12=0.255)**  
**marine broth**



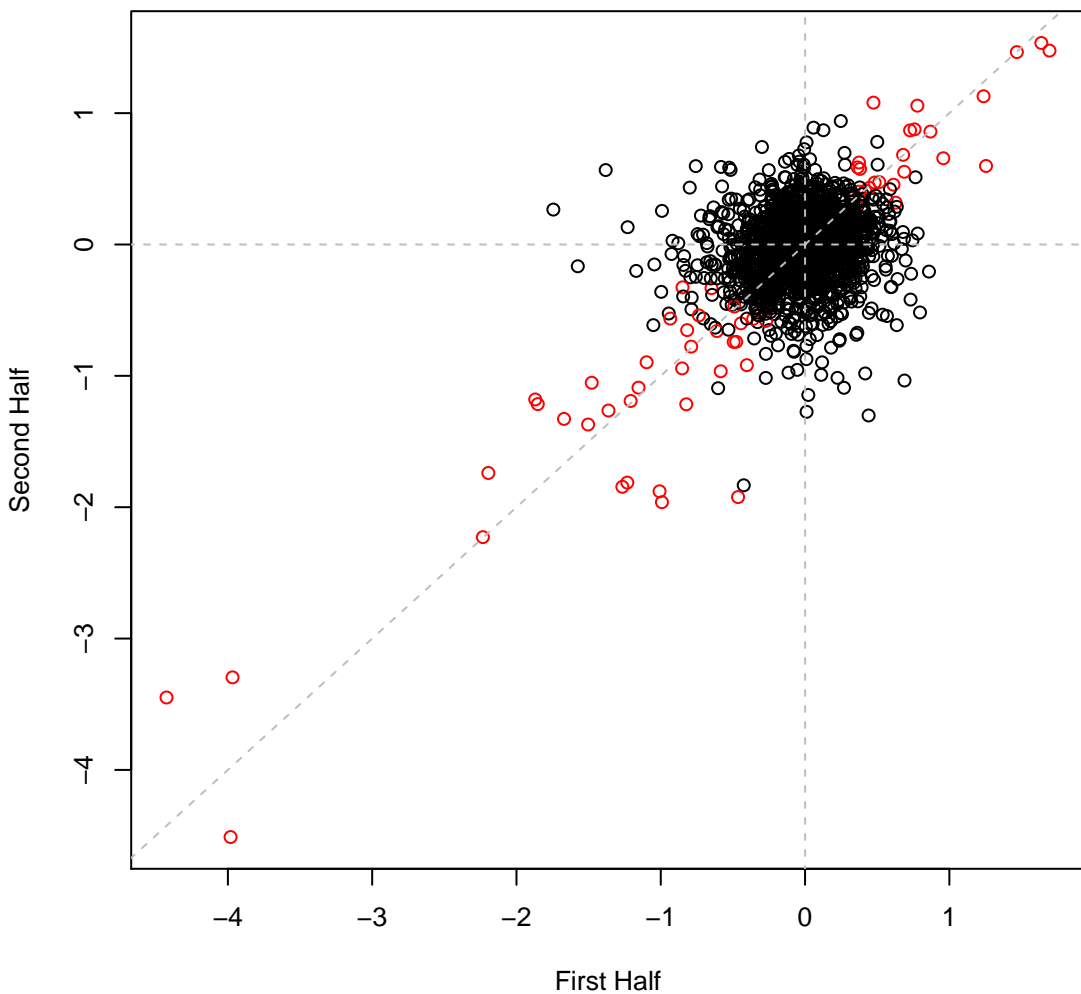
**Phaeo set7IT063 #319 (gMed=237 rho12=0.212)**  
**m.b. copper (II) chloride 0.3 mM**



**Phaeo set7IT064 #320 (gMed=232 rho12=0.155)**  
**m.b. Zinc 0.1 mM**

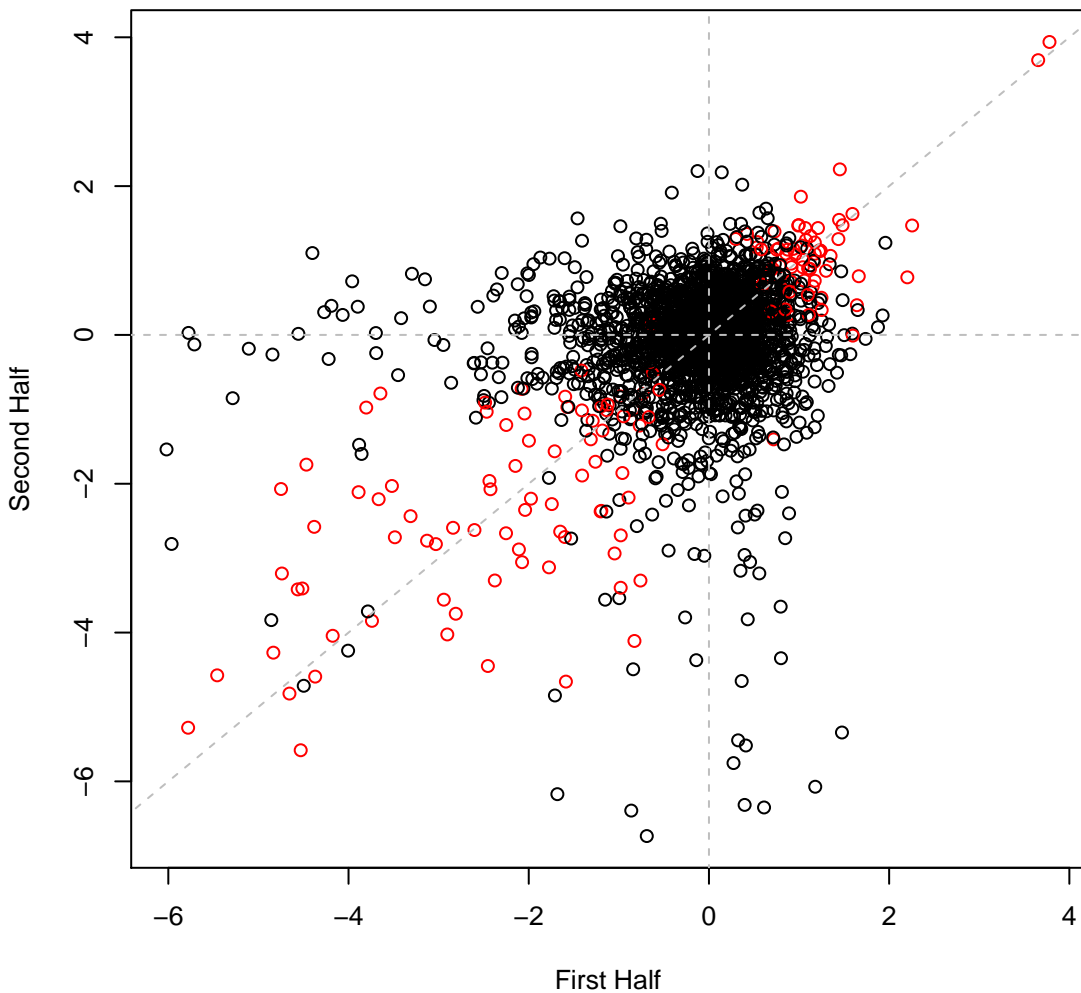


**Phaeo set7IT065 #321 (gMed=237 rho12=0.203)**  
**m.b. Chlorite 0.16 mM**

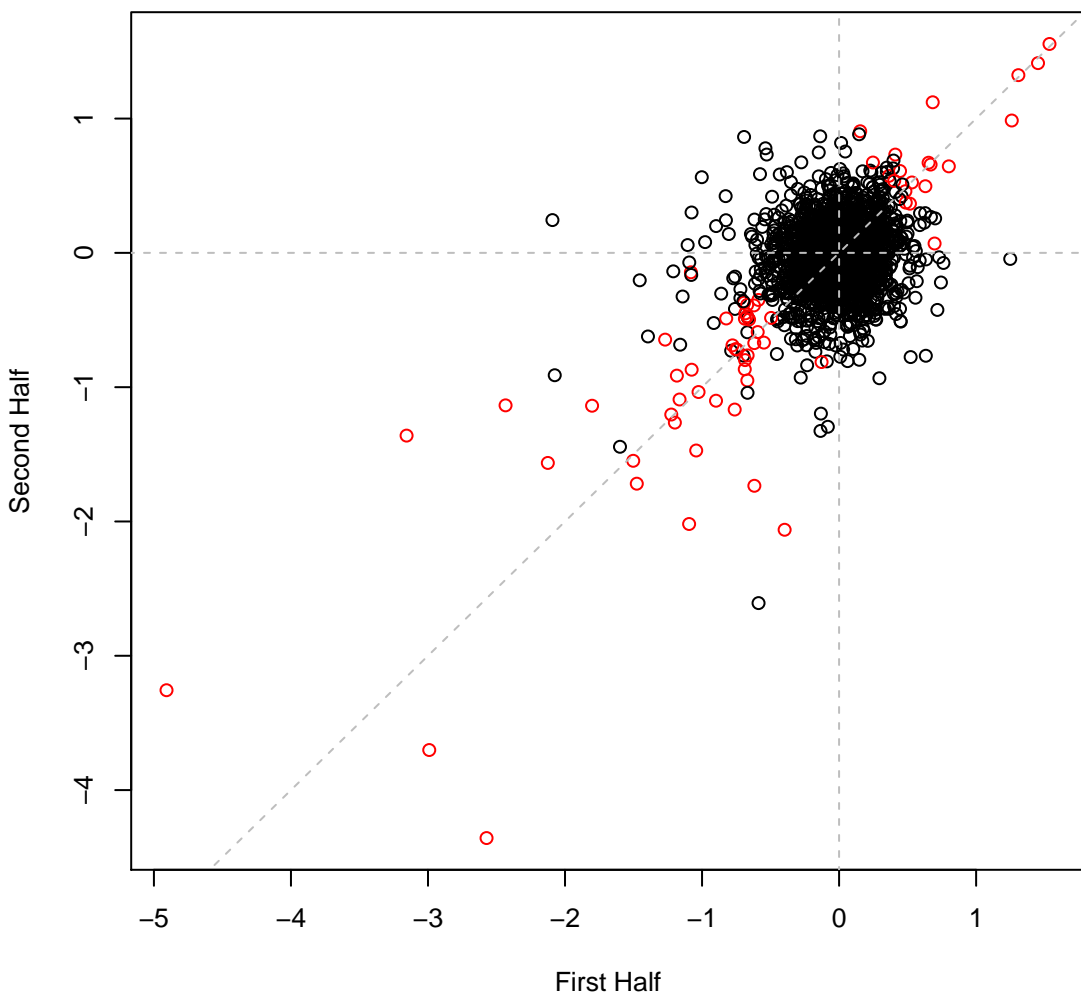


**Phaeo set7IT066 #322 (gMed=210 rho12=0.221)**

**m.b. Polymyxin B sulfate 0.0032 mg/ml**

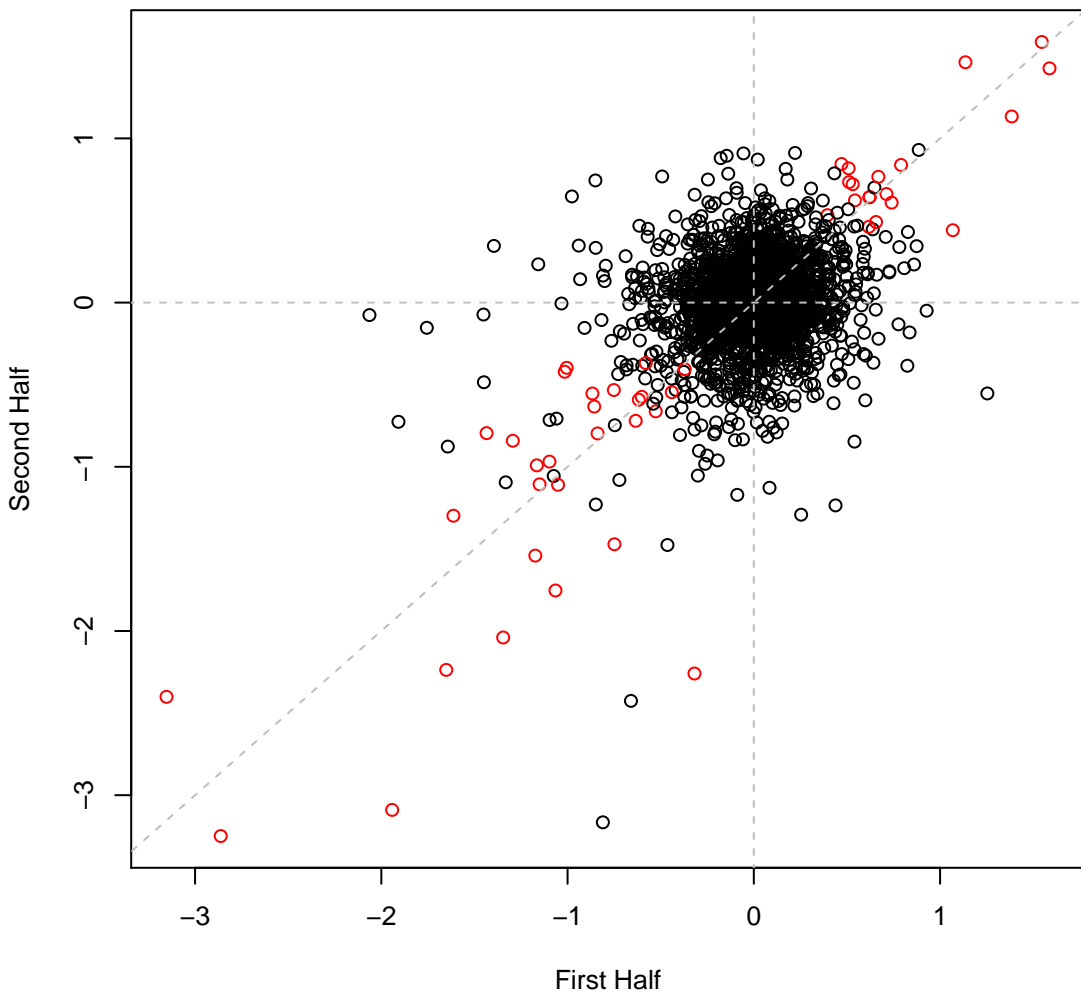


**Phaeo set7IT067 #323 (gMed=253 rho12=0.175)**  
**m.b. Chloride 600 mM**

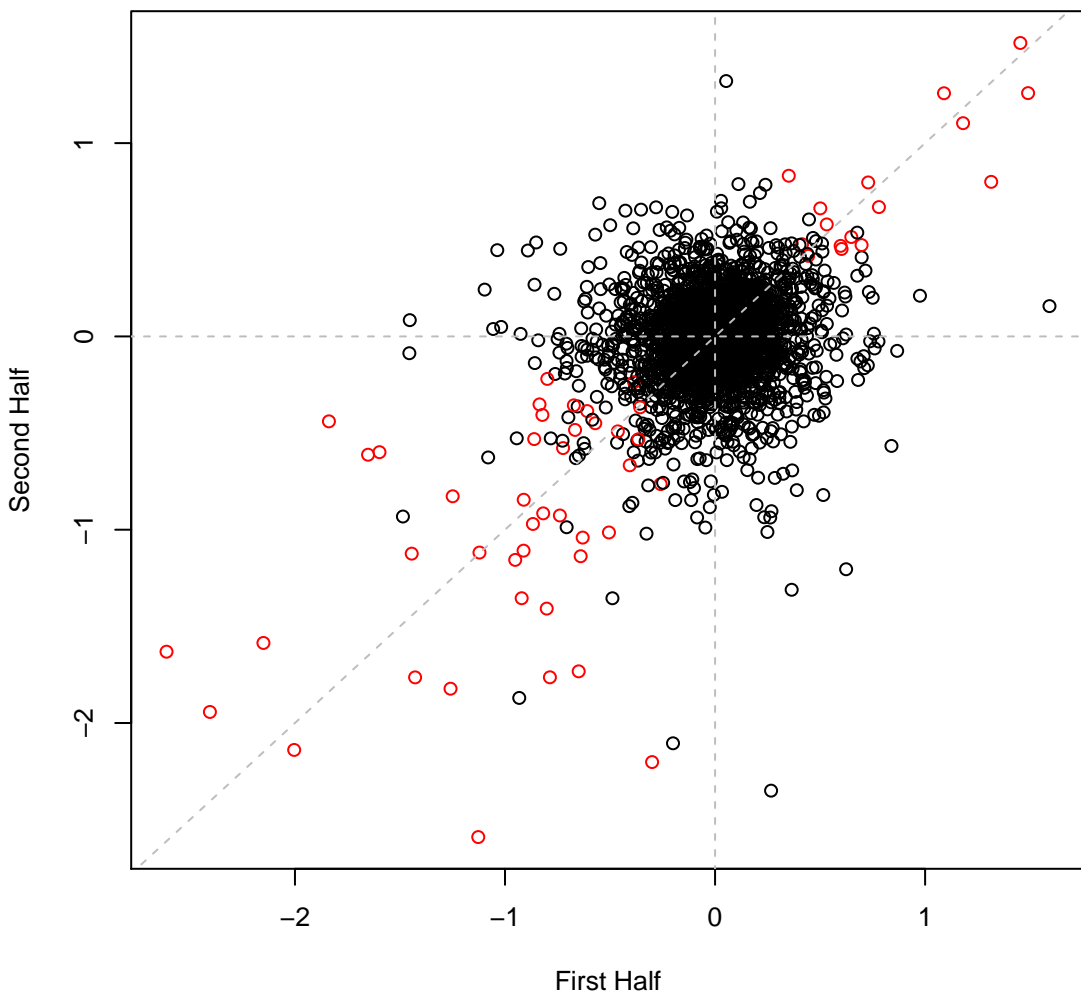




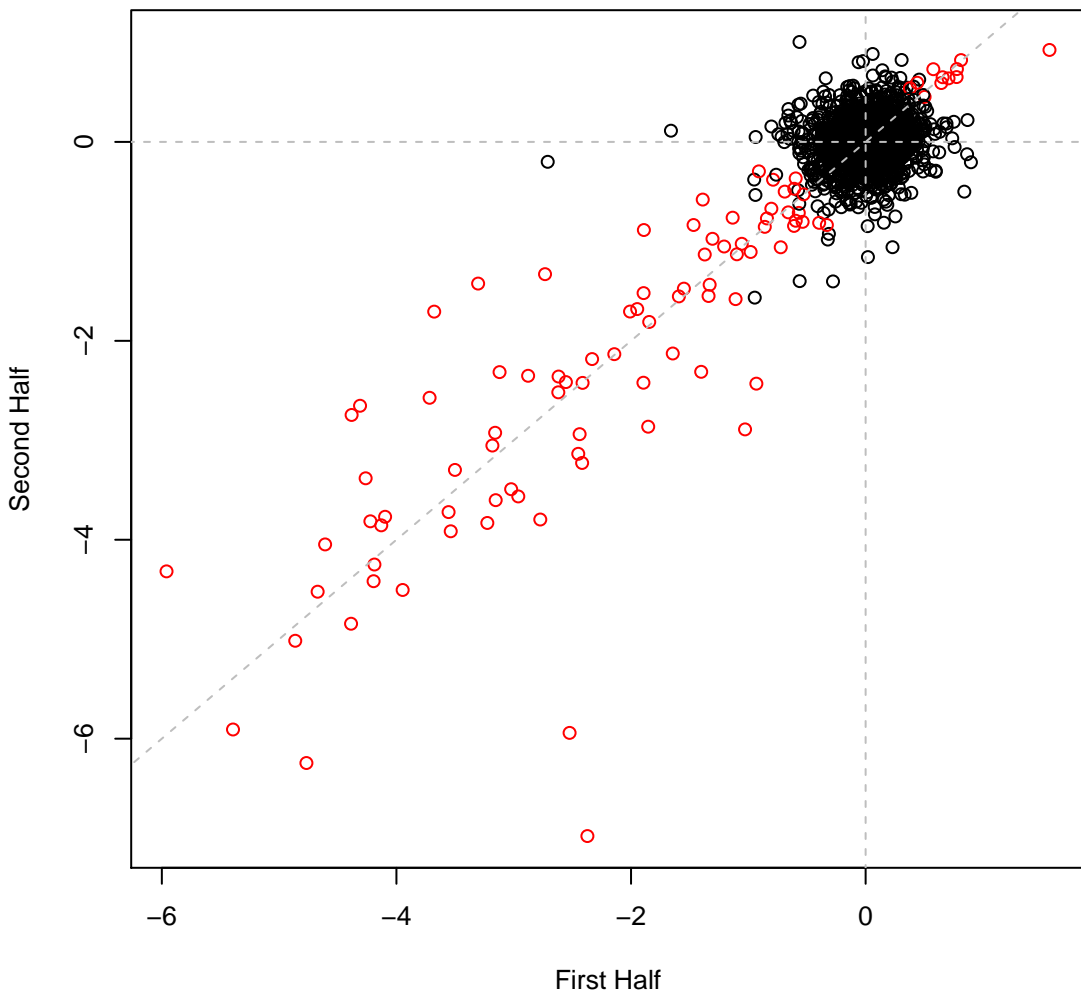
**Phaeo set7IT068 #324 (gMed=211 rho12=0.170)**  
**m.b. Chloride 700 mM**



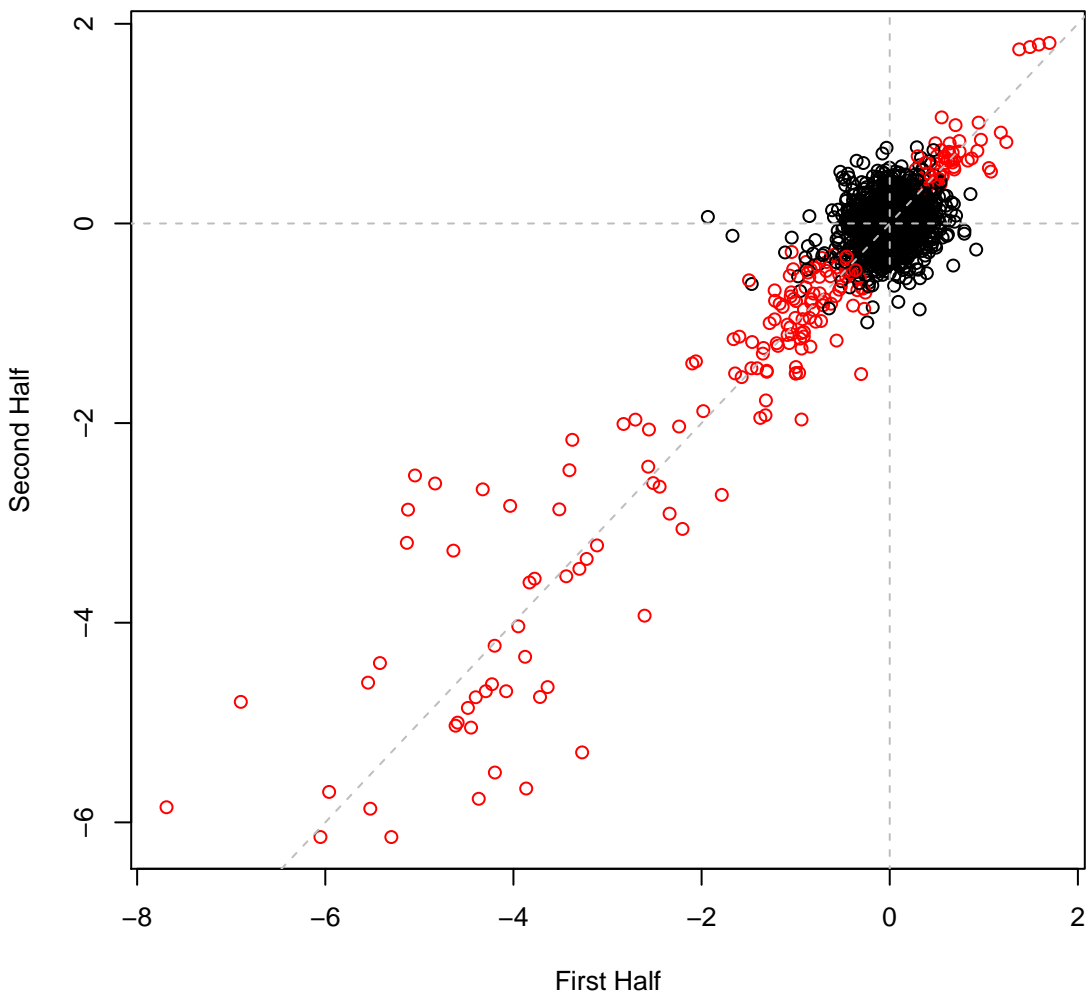
**Phaeo set7IT069 #325 (gMed=201 rho12=0.146)**  
**m.b. Chloride 800 mM**



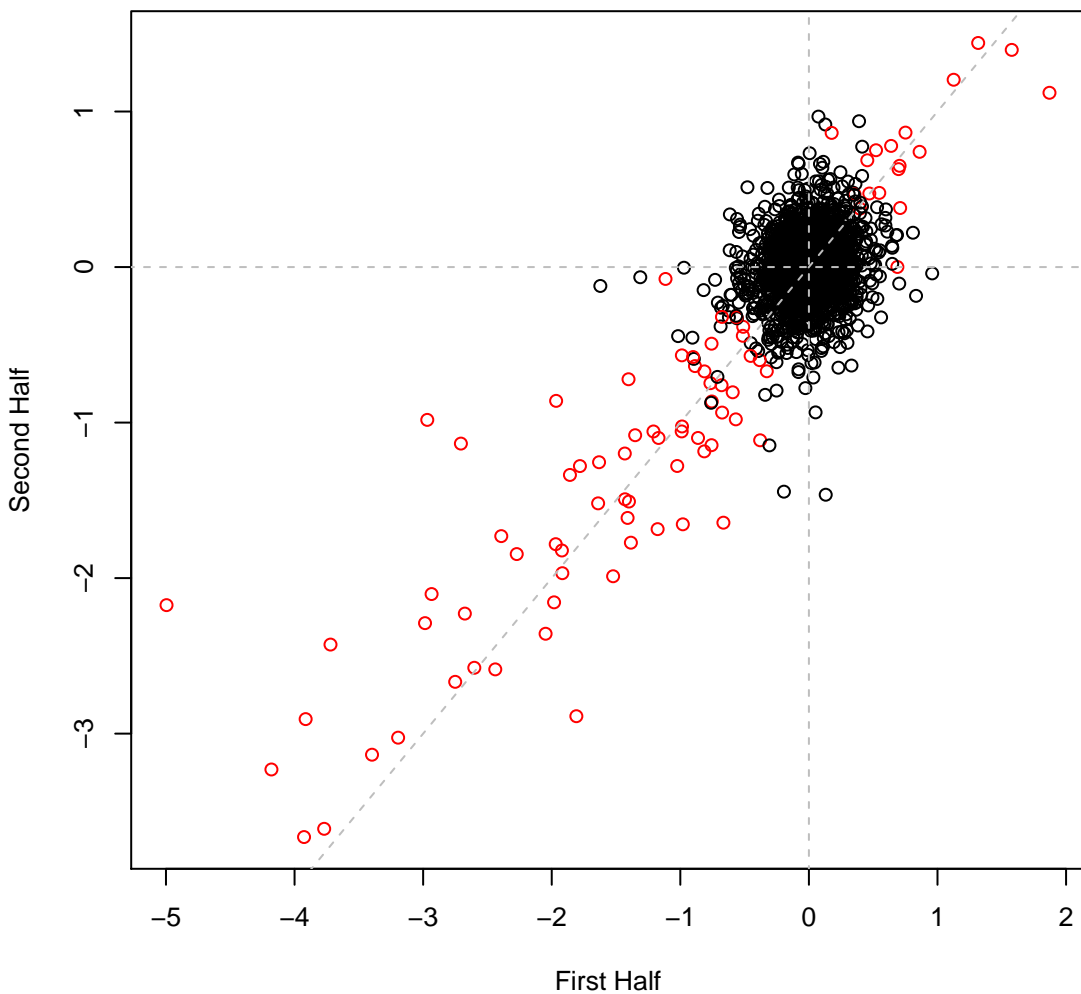
**Phaeo set7IT070 #326 (gMed=189 rho12=0.232)**  
**Glycine (C)**



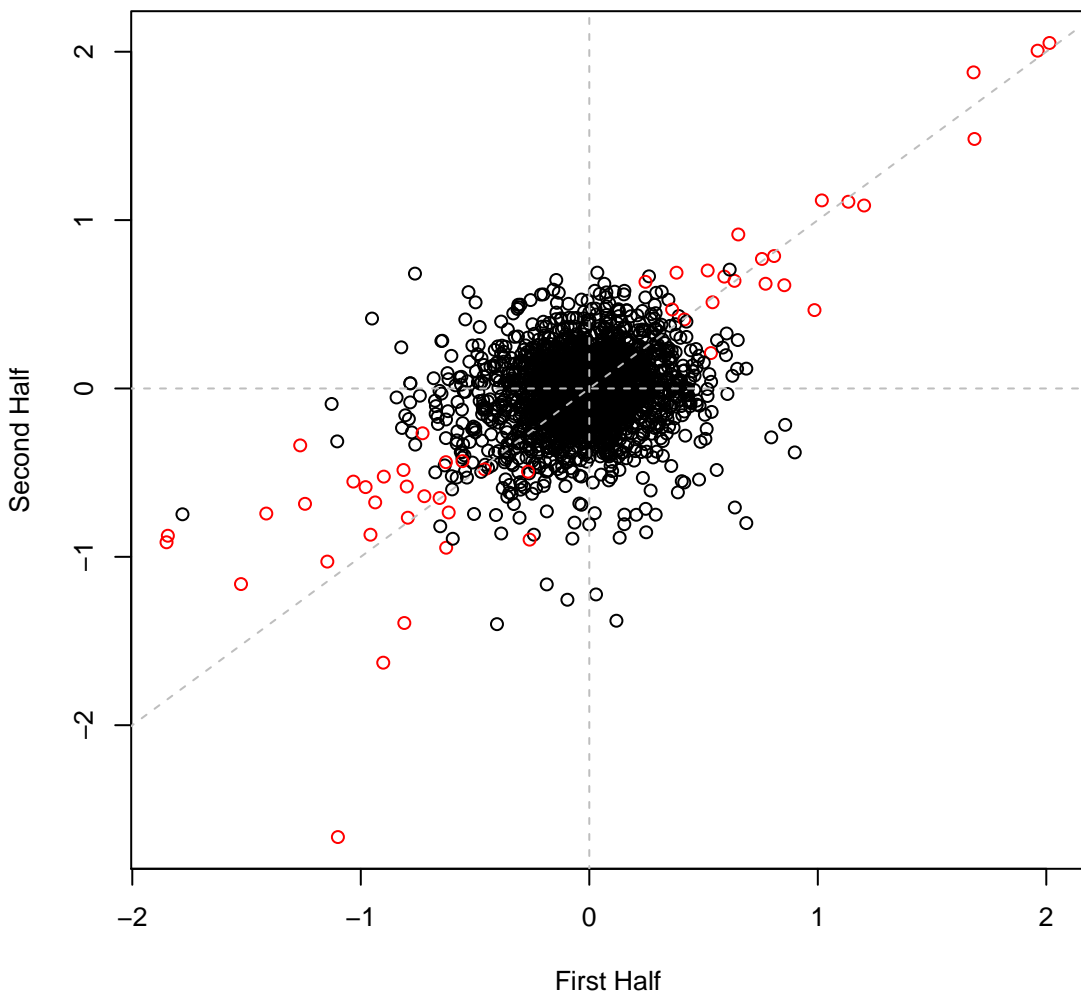
**Phaeo set7IT071 #327 (gMed=237 rho12=0.352)**  
**L-Serine (C)**



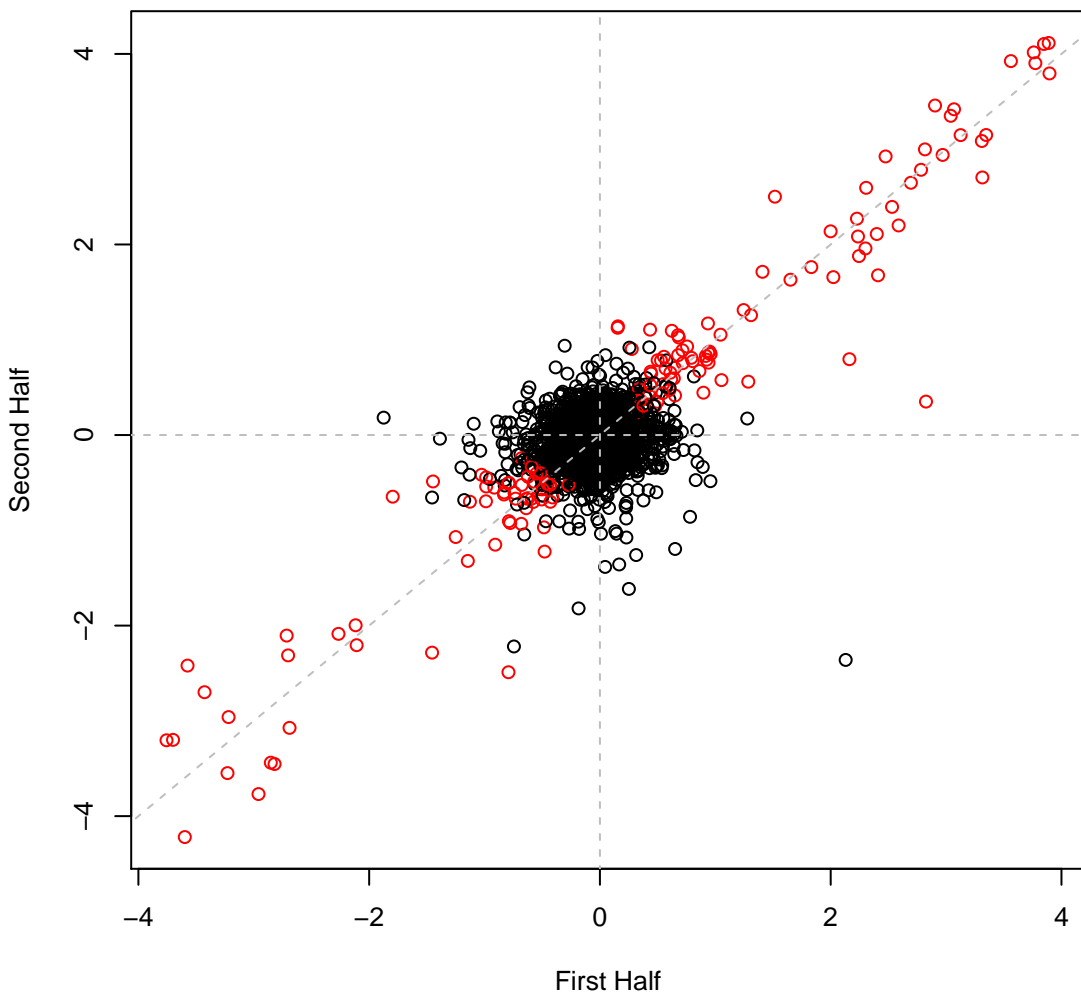
**Phaeo set7IT072 #328 (gMed=225 rho12=0.242)**  
**D-Mannose (C)**



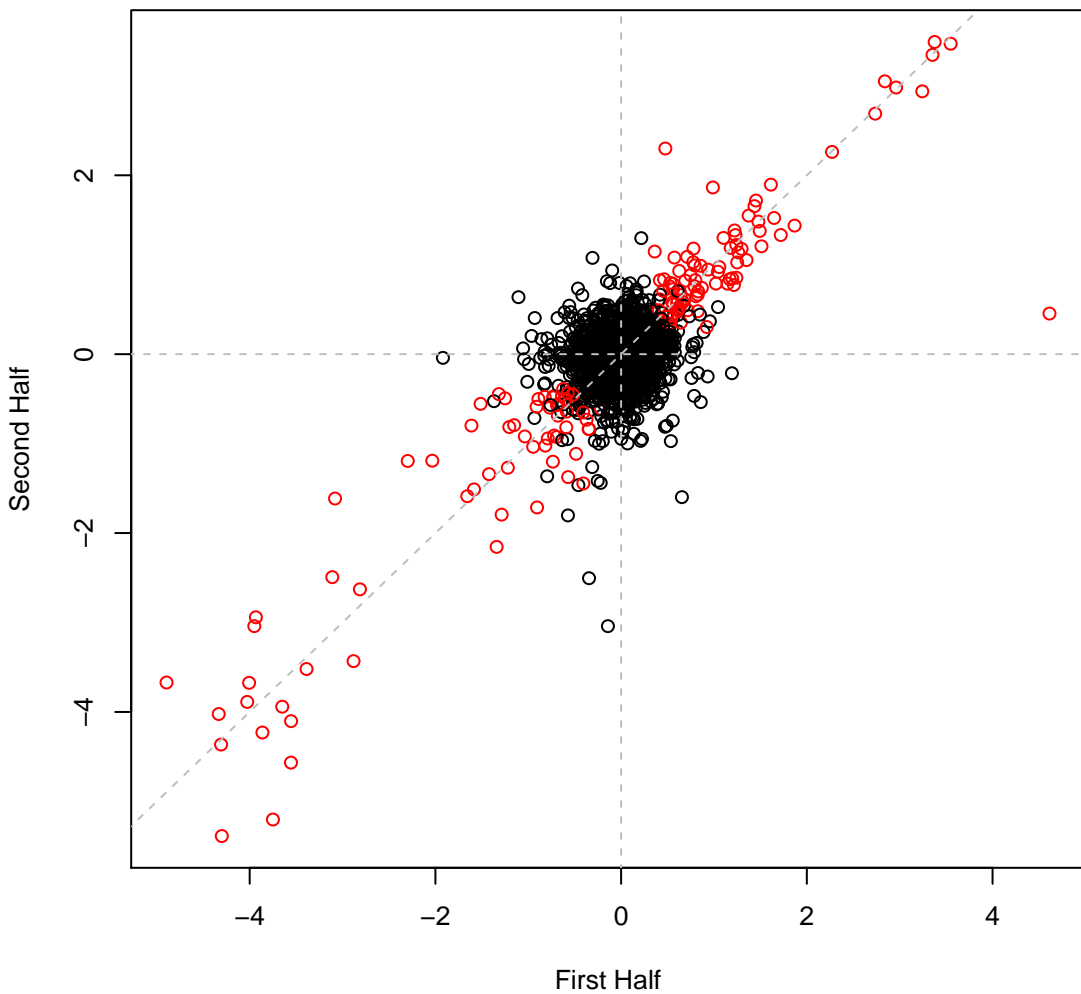
**Phaeo set7IT073 #329 (gMed=238 rho12=0.184)**  
**marine broth**



**Phaeo set7IT074 #330 (gMed=201 rho12=0.274)**  
**m.b. Phosphomycin 1 mg/ml**

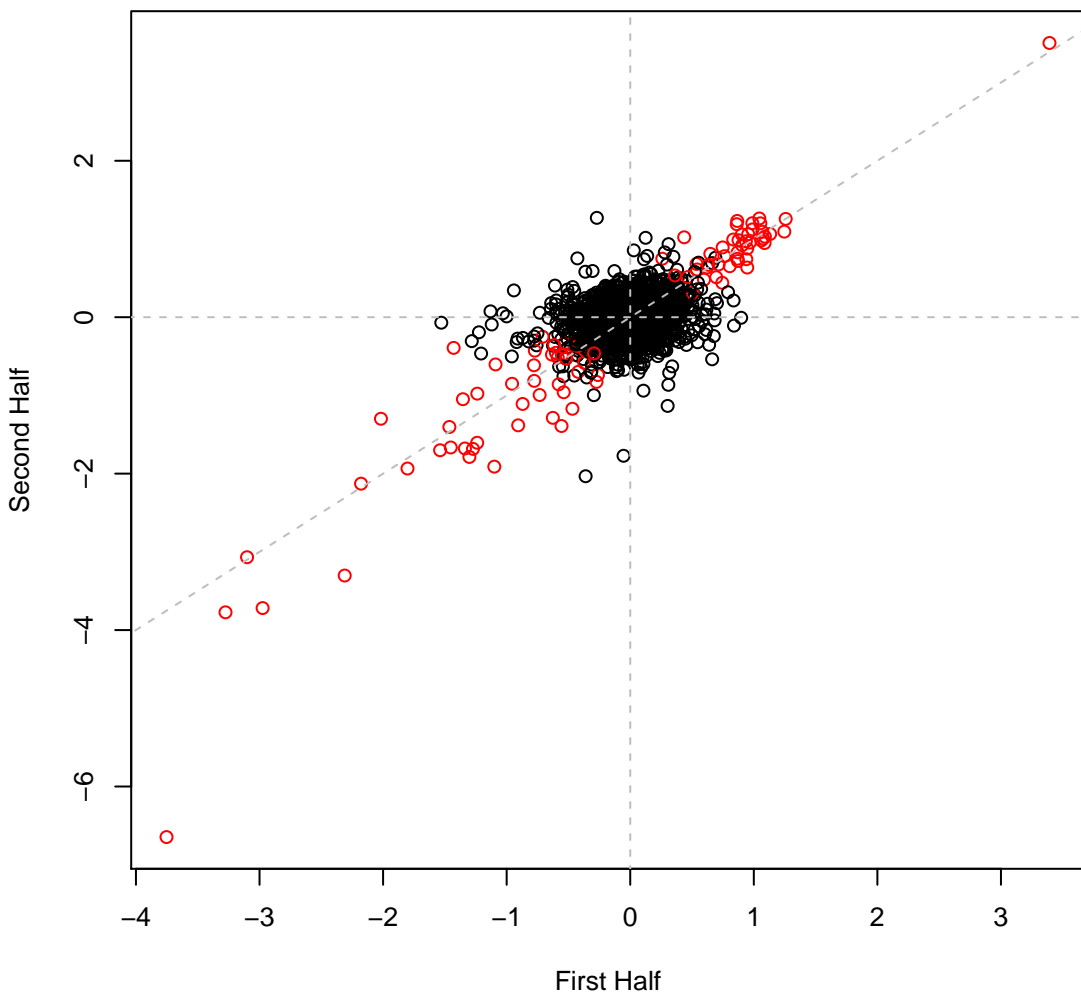


**Phaeo set7IT075 #331 (gMed=223 rho12=0.278)**  
**m.b. Phosphomycin 2 mg/ml**

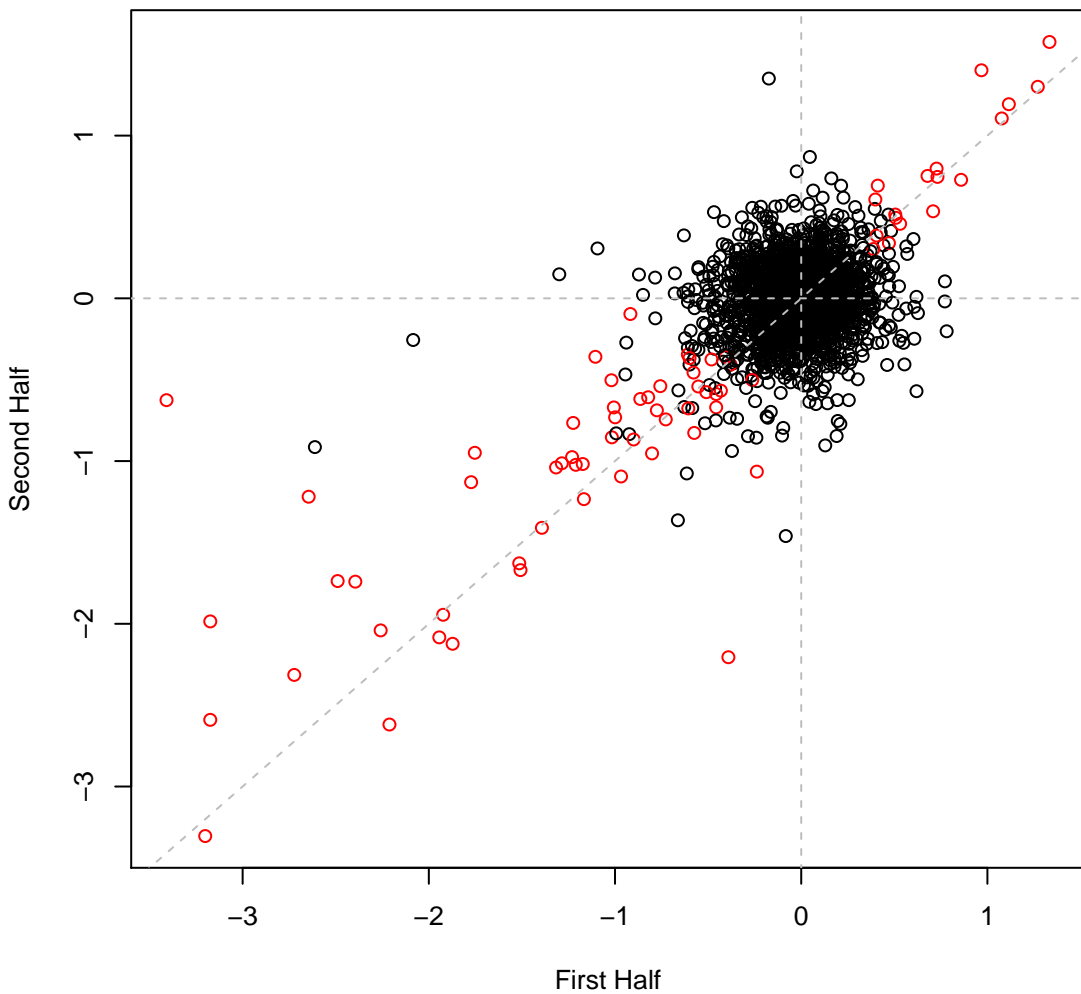




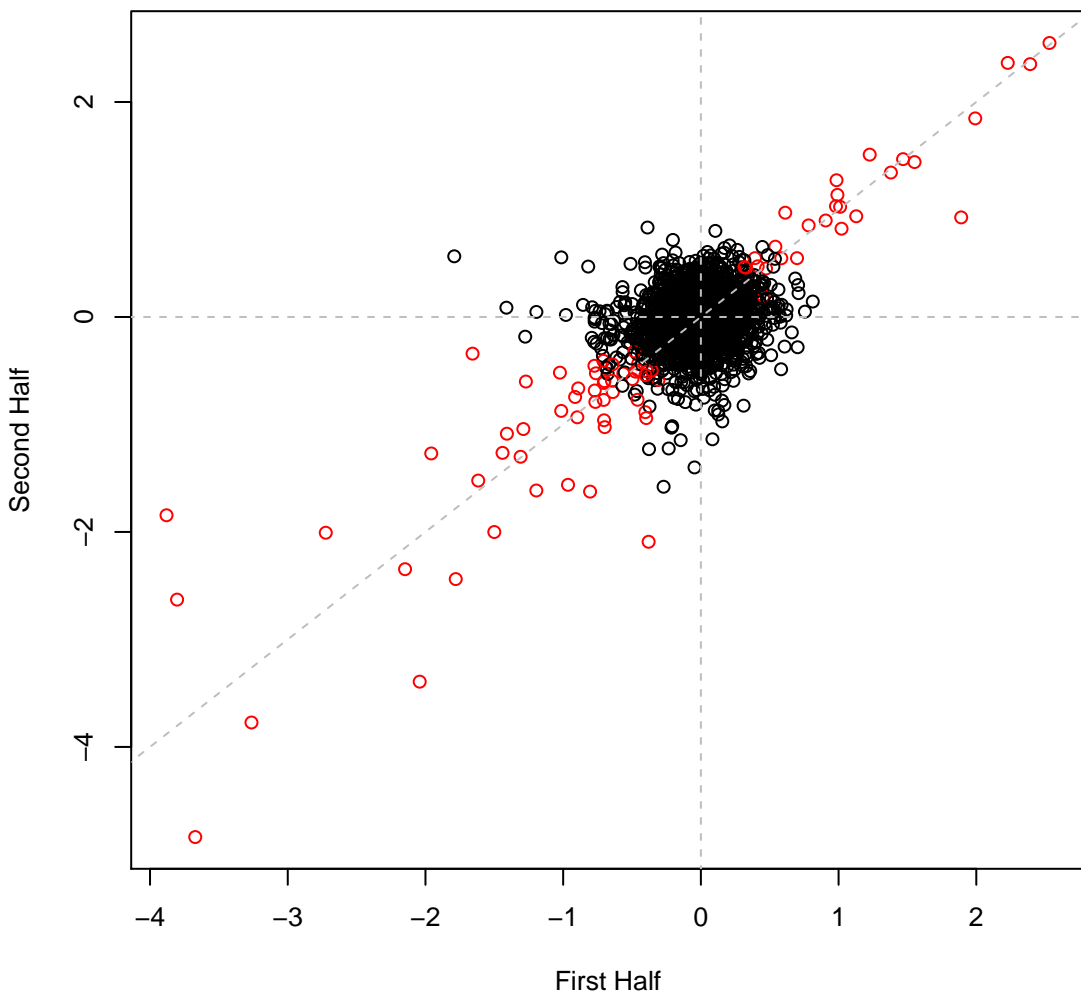
**Phaeo set7IT076 #332 (gMed=255 rho12=0.263)**  
**m.b. Fusidic 0.0002 mg/ml**



**Phaeo set7IT077 #333 (gMed=250 rho12=0.182)**  
**m.b. Dimethyl Sulfoxide 7.5 vol%**

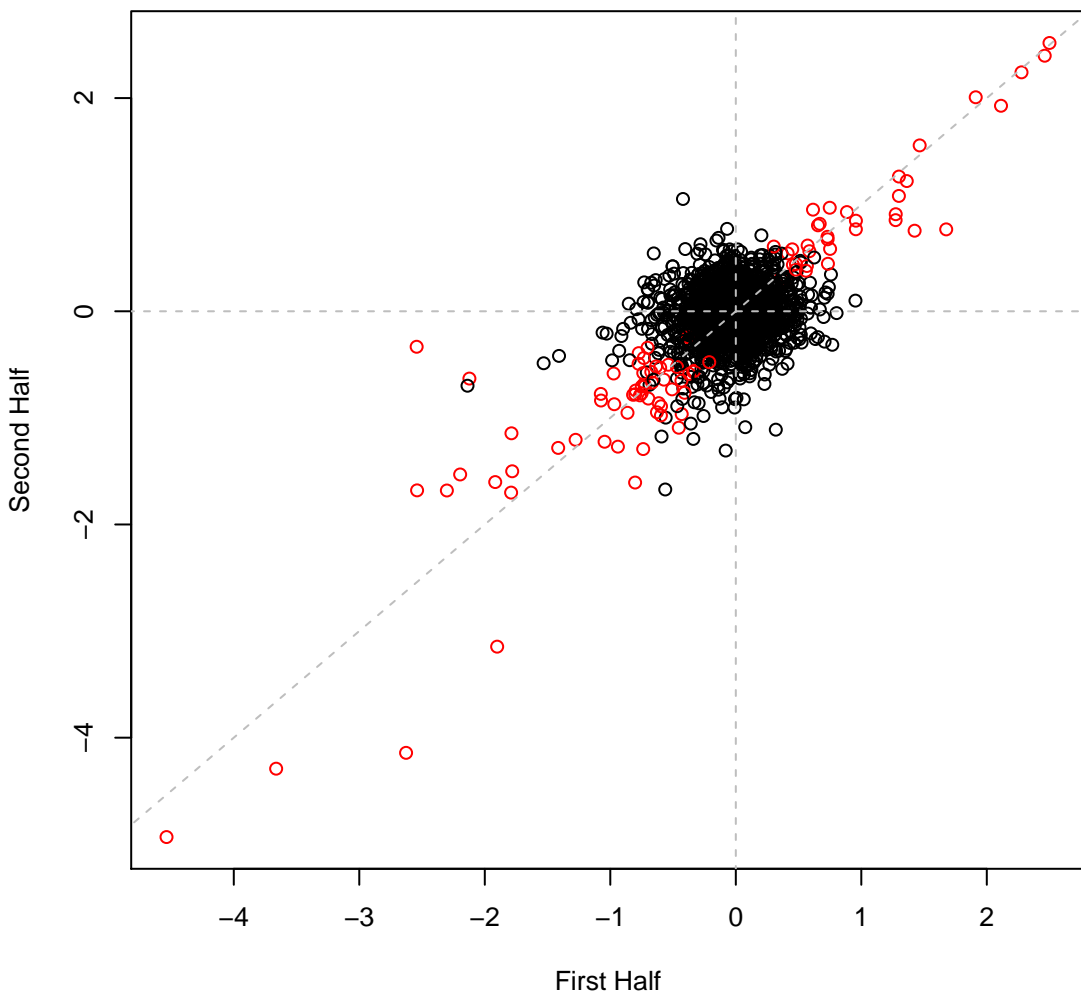


**Phaeo set7IT078 #334 (gMed=232 rho12=0.234)**  
**m.b. Vancomycin 0.024 mg/ml**

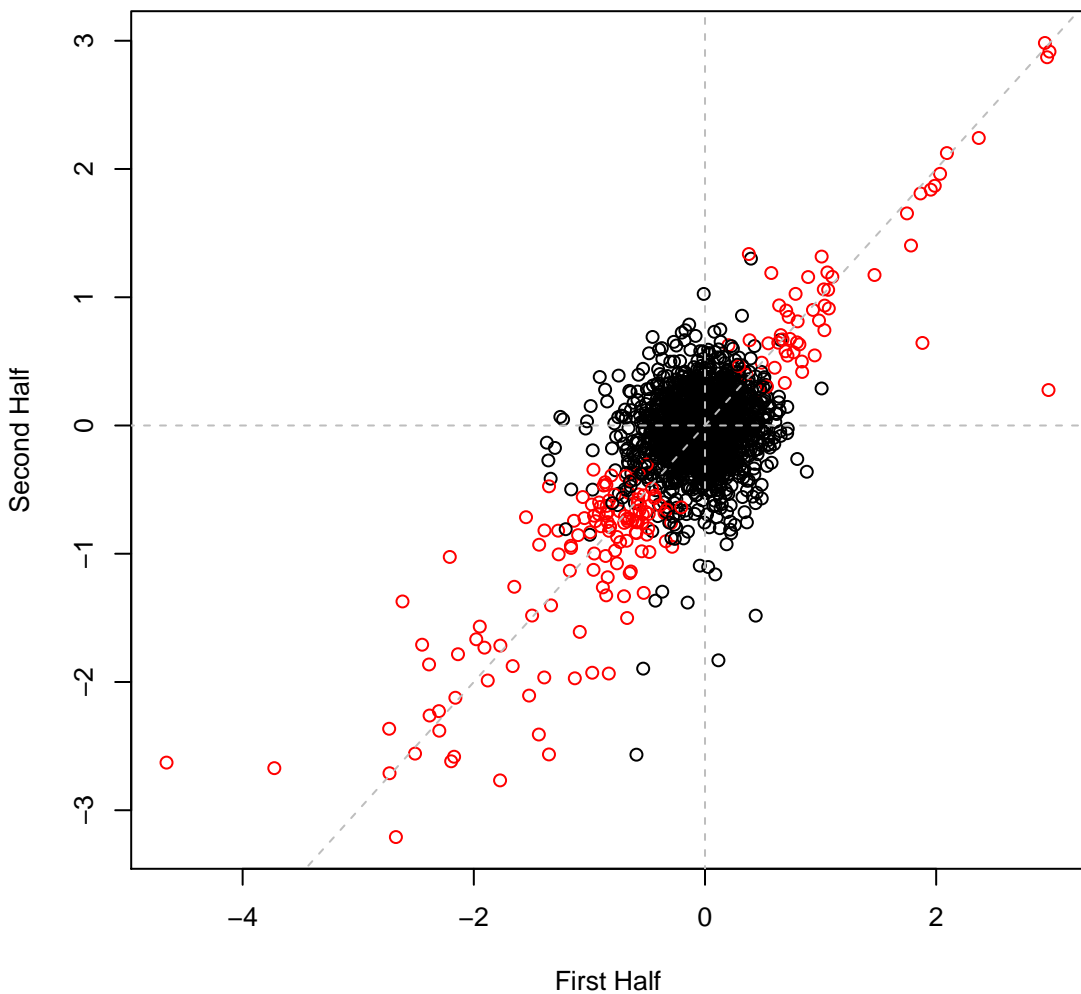


**Phaeo set7IT079 #335 (gMed=269 rho12=0.234)**

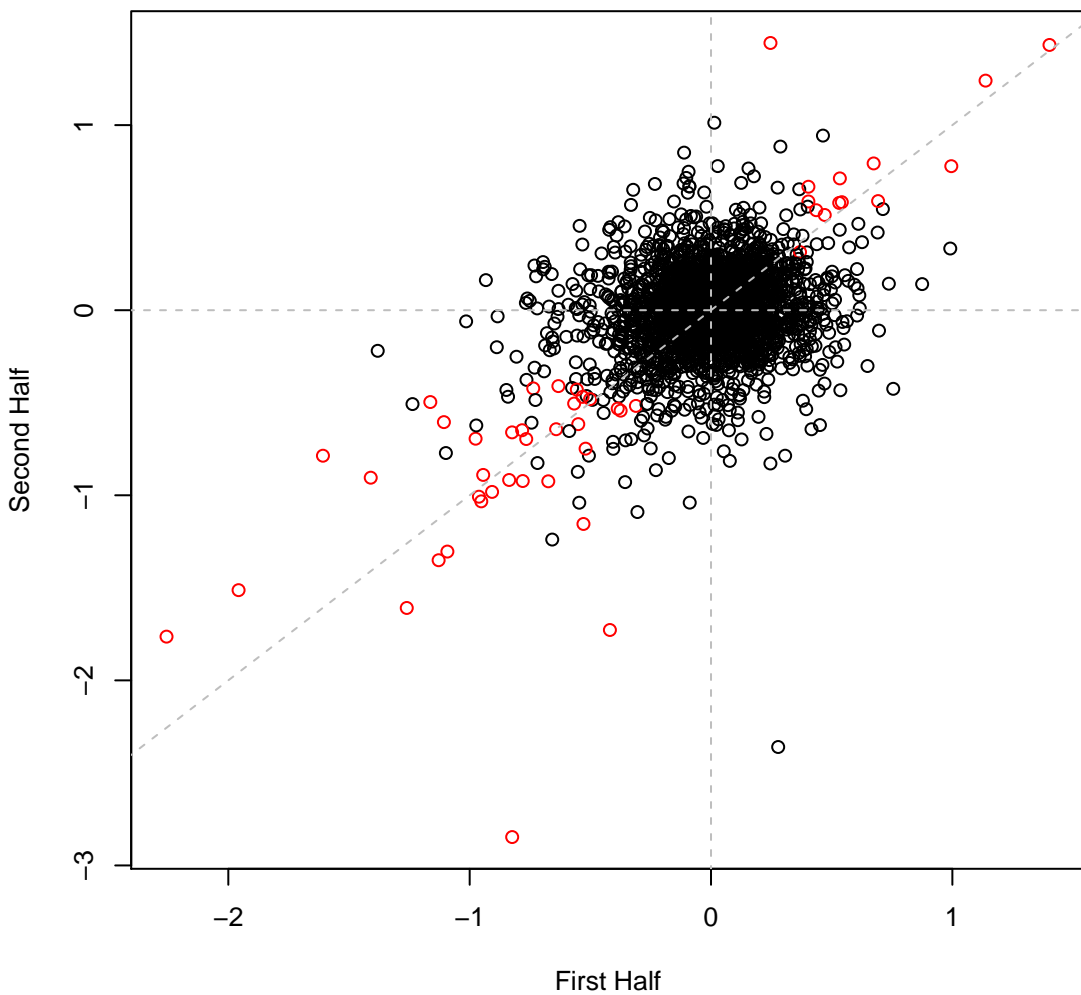
**m.b. Vancomycin 0.032 mg/ml**



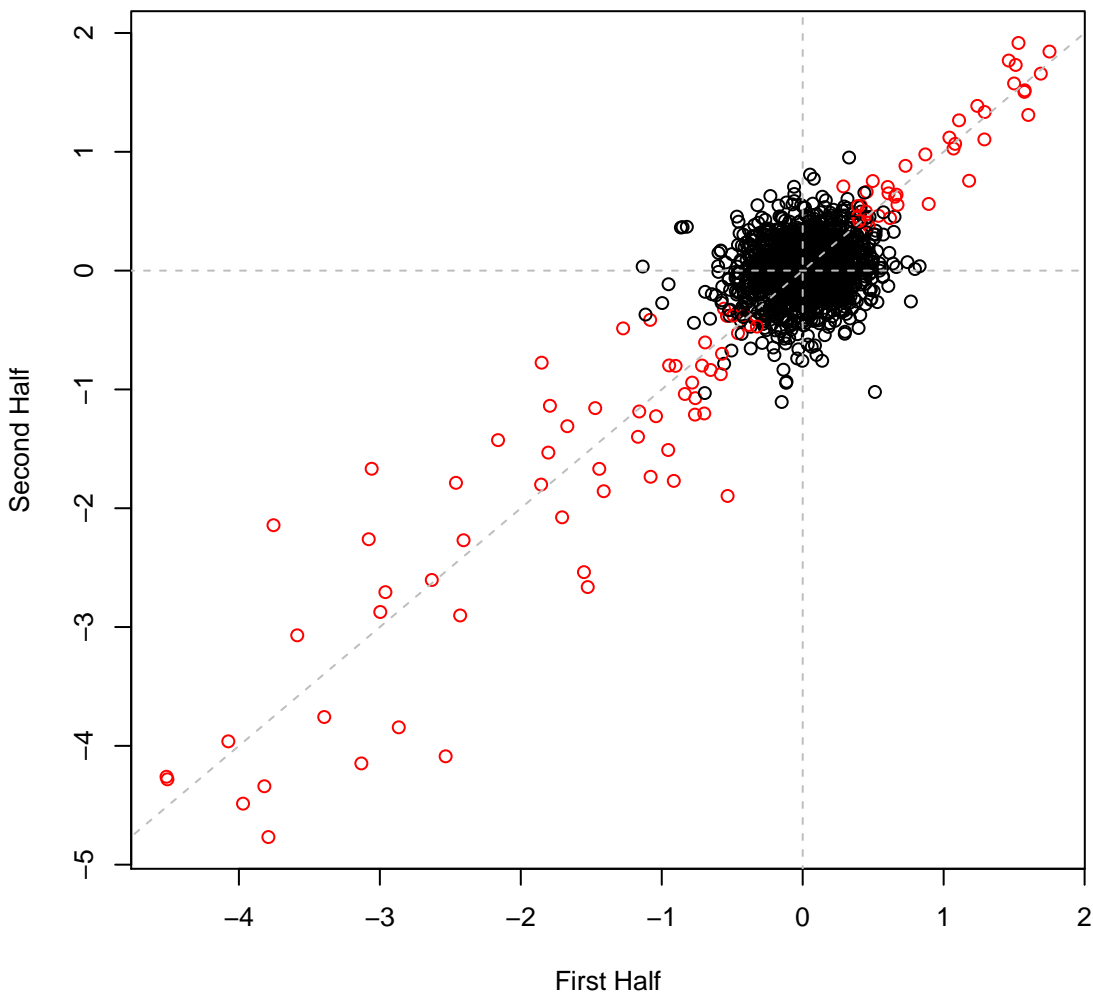
**Phaeo set7IT080 #336 (gMed=254 rho12=0.294)**  
**m.b. Cephalothin 0.001 mg/ml**



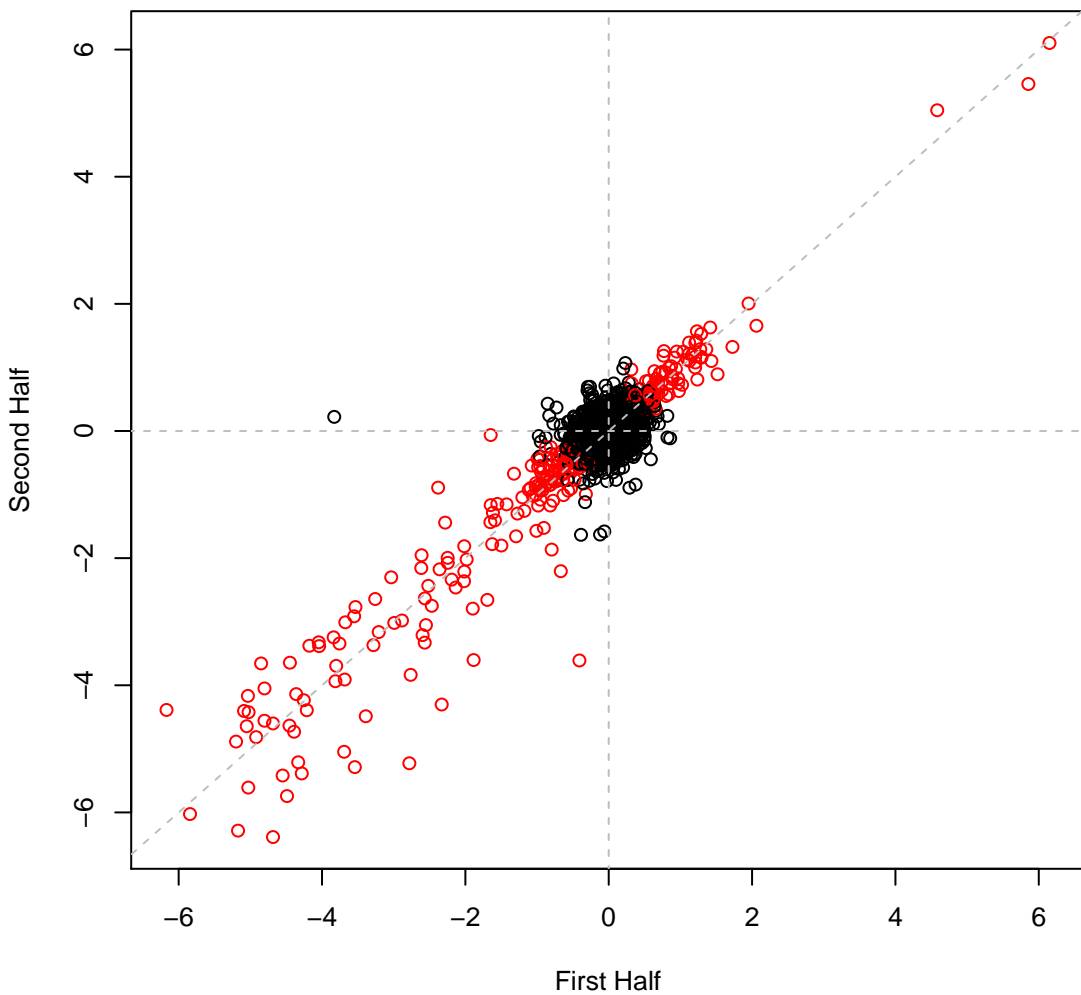
**Phaeo set7IT081 #337 (gMed=196 rho12=0.176)**  
**m.b. A22 0.02 mg/ml**



**Phaeo set7IT082 #338 (gMed=238 rho12=0.237)**  
**L-Proline (C)**

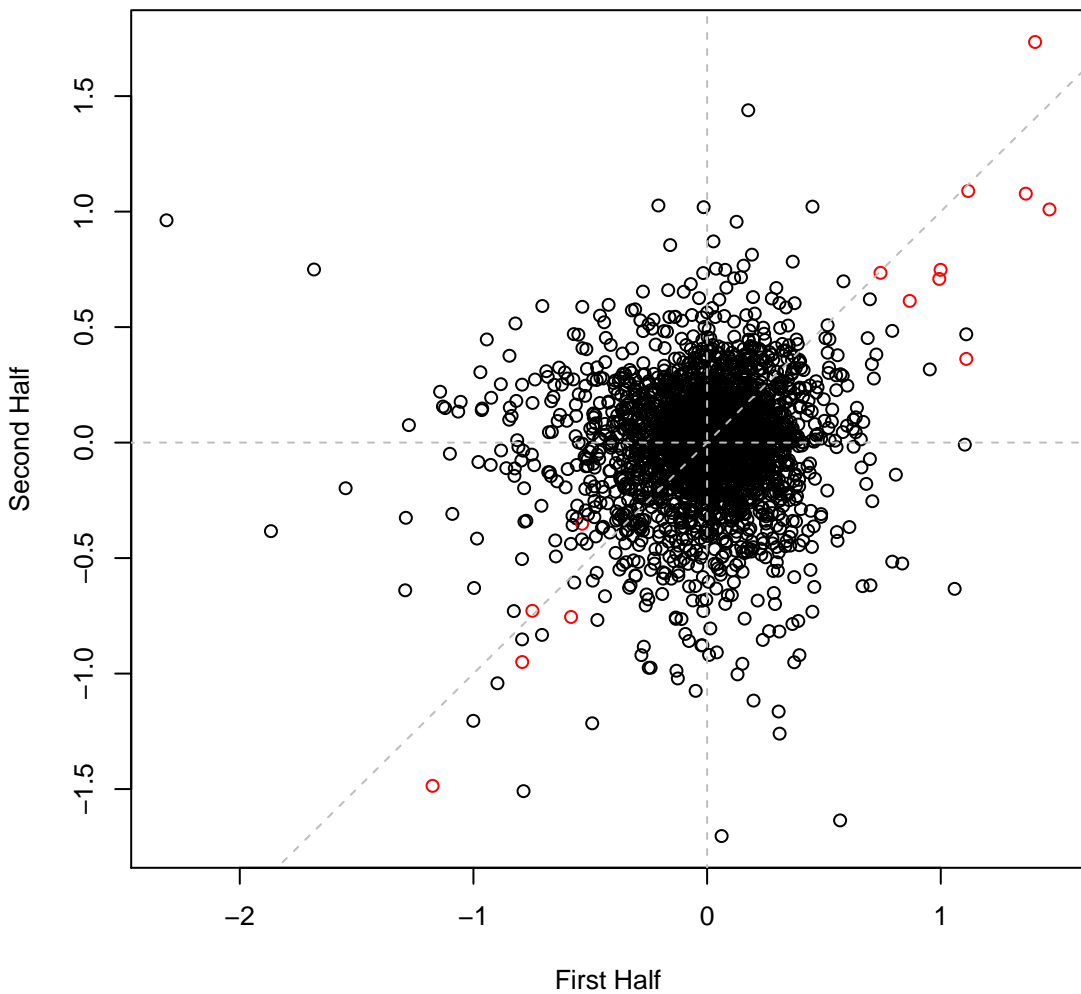


**Phaeo set7IT083 #339 (gMed=248 rho12=0.447)**  
**L-Threonine (C)**

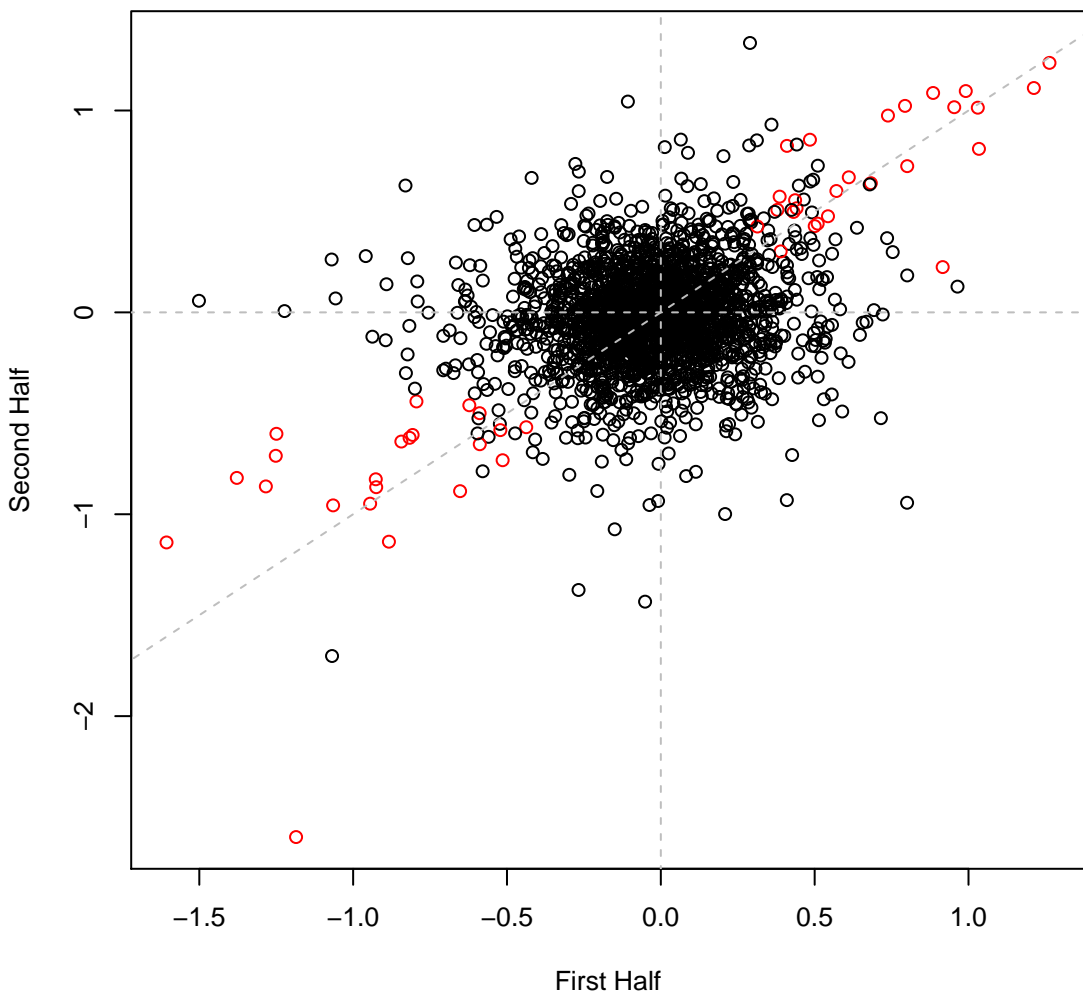




**Phaeo set7IT084 #340 (gMed=169 rho12=0.072)**  
**octanoate (C)**

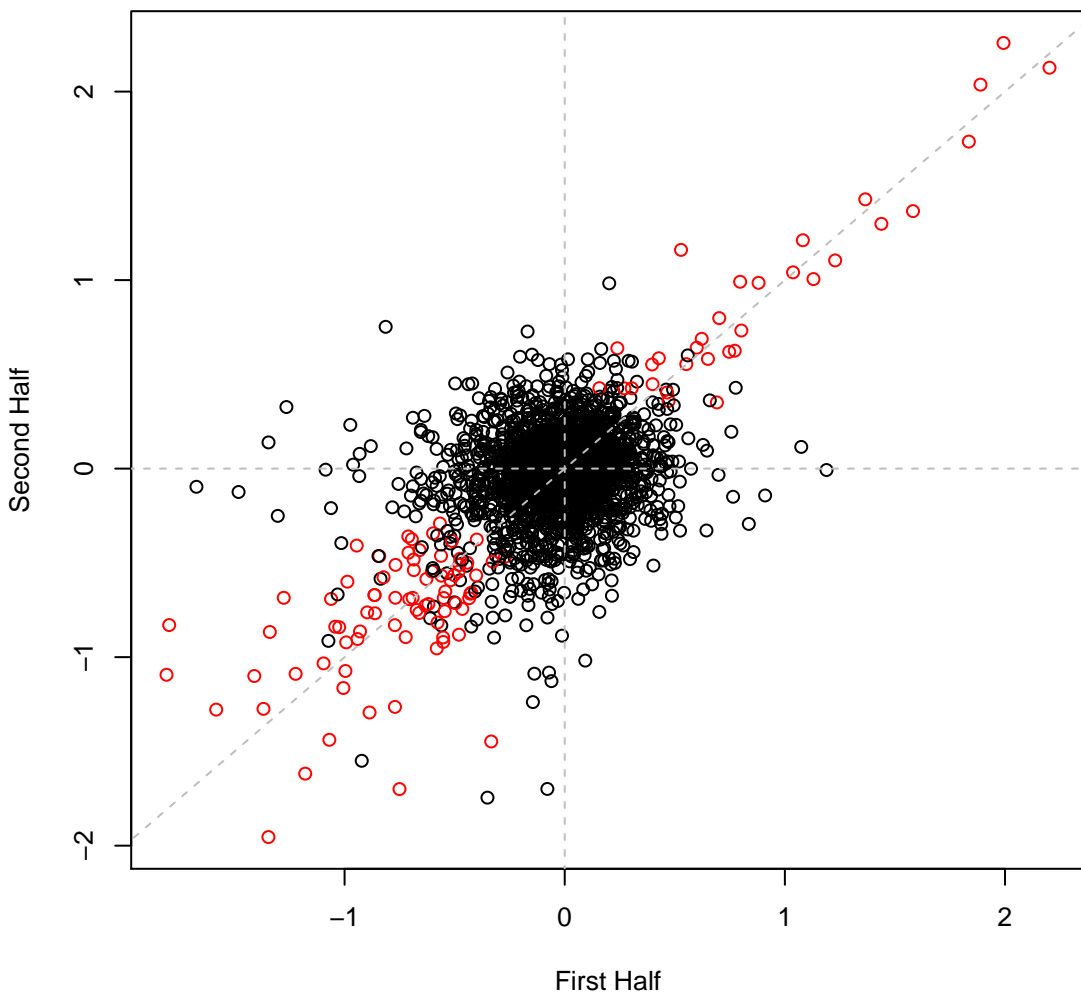


**Phaeo set7IT085 #341 (gMed=278 rho12=0.168)**  
**marine broth**

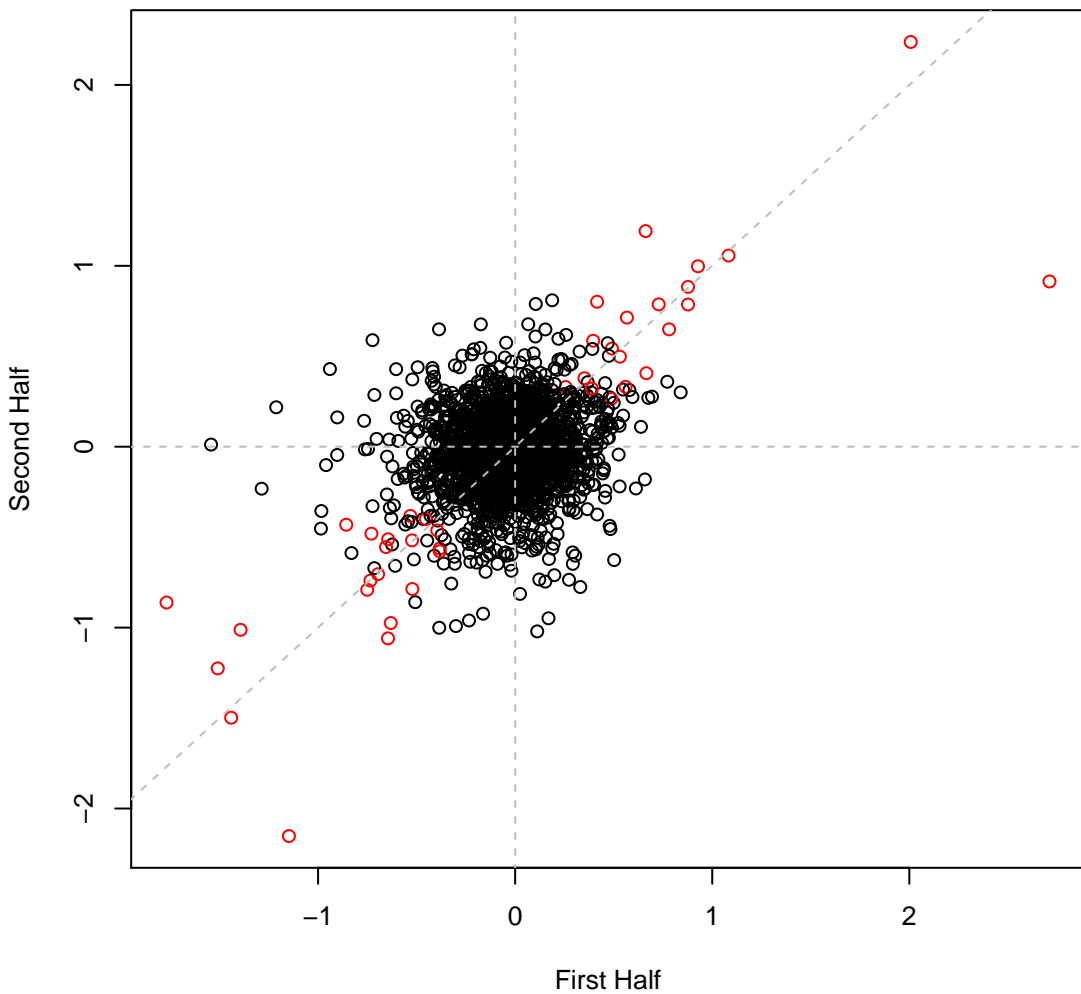


**Phaeo set7IT086 #342 (gMed=245 rho12=0.230)**

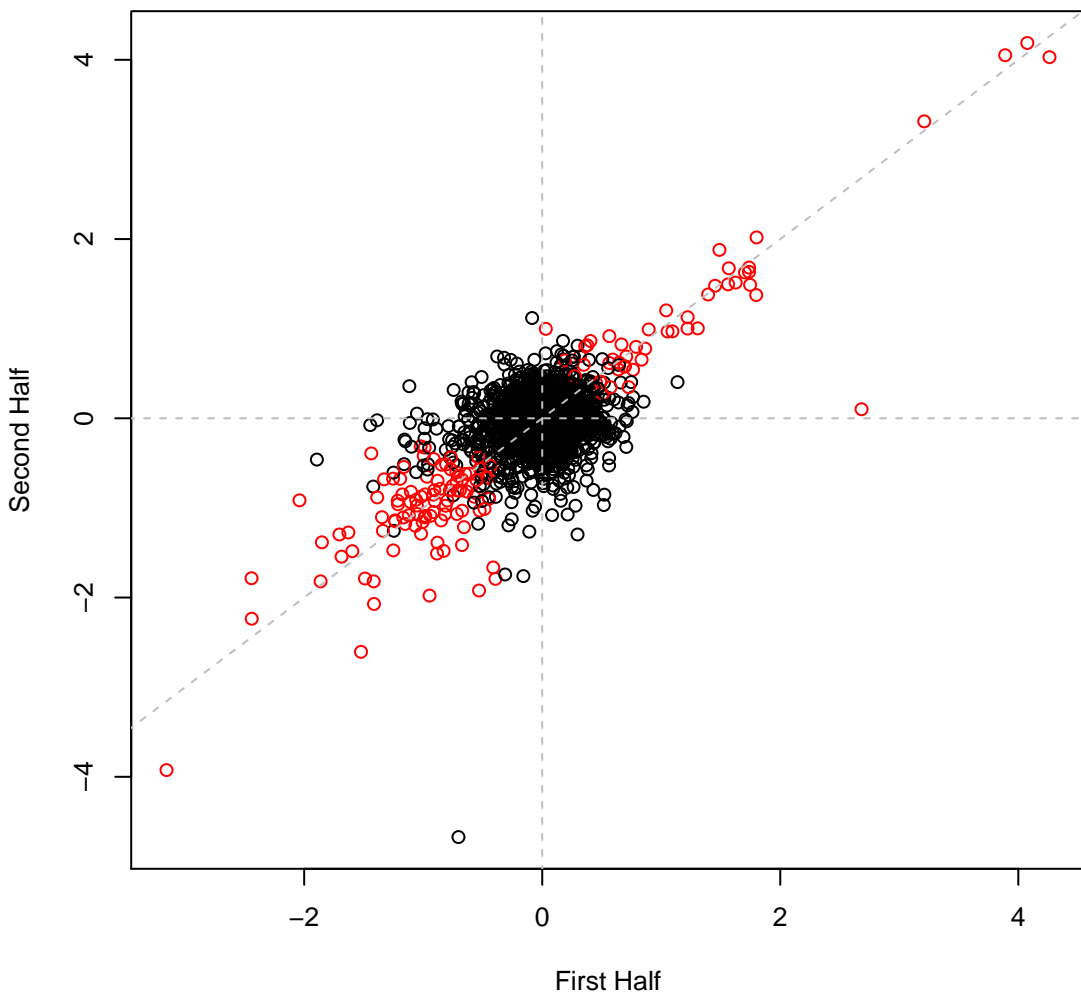
**m.b. Spectinomycin 0.00625 mg/ml**



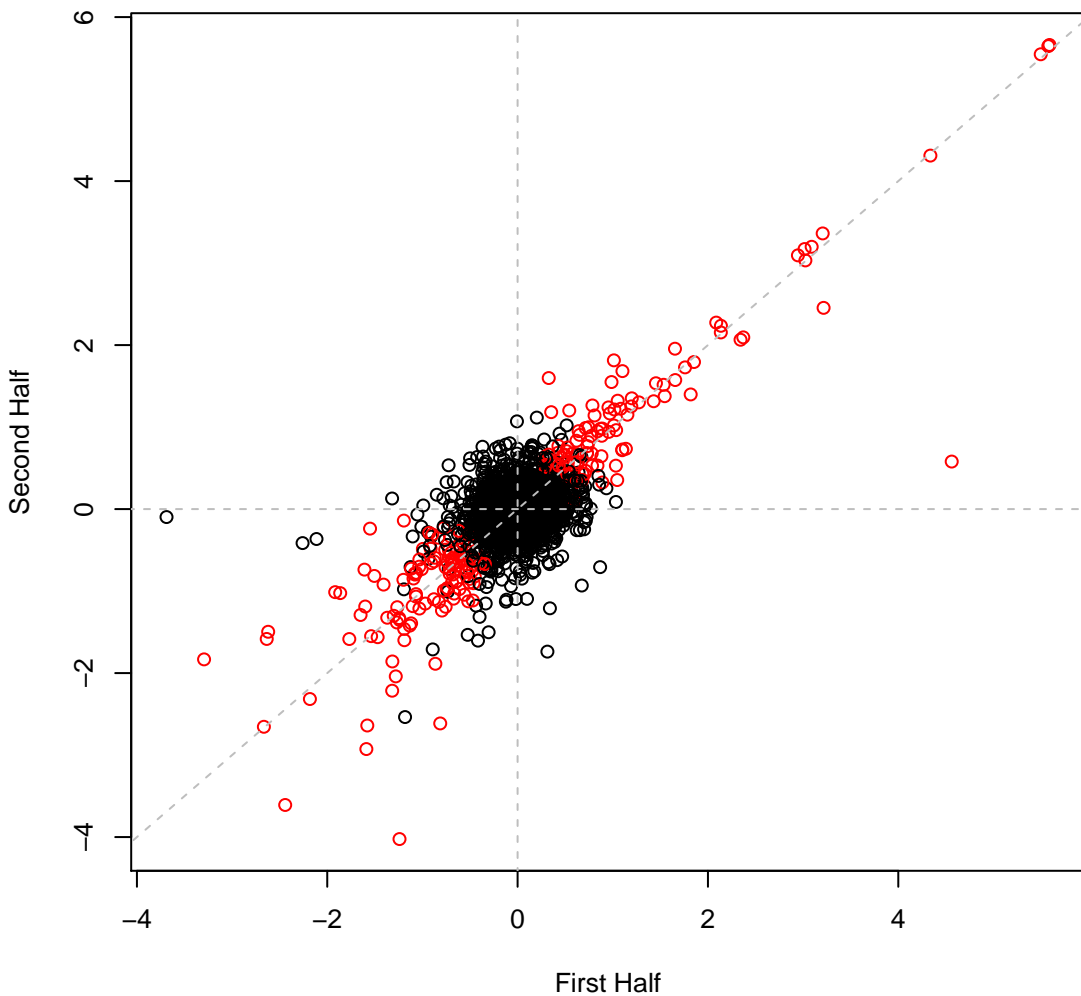
**Phaeo set7IT087 #343 (gMed=250 rho12=0.144)**  
**m.b. Nalidixic 0.016 mg/ml**



**Phaeo set7IT088 #344 (gMed=204 rho12=0.285)**  
**m.b. Gentamicin 0.002 mg/ml**

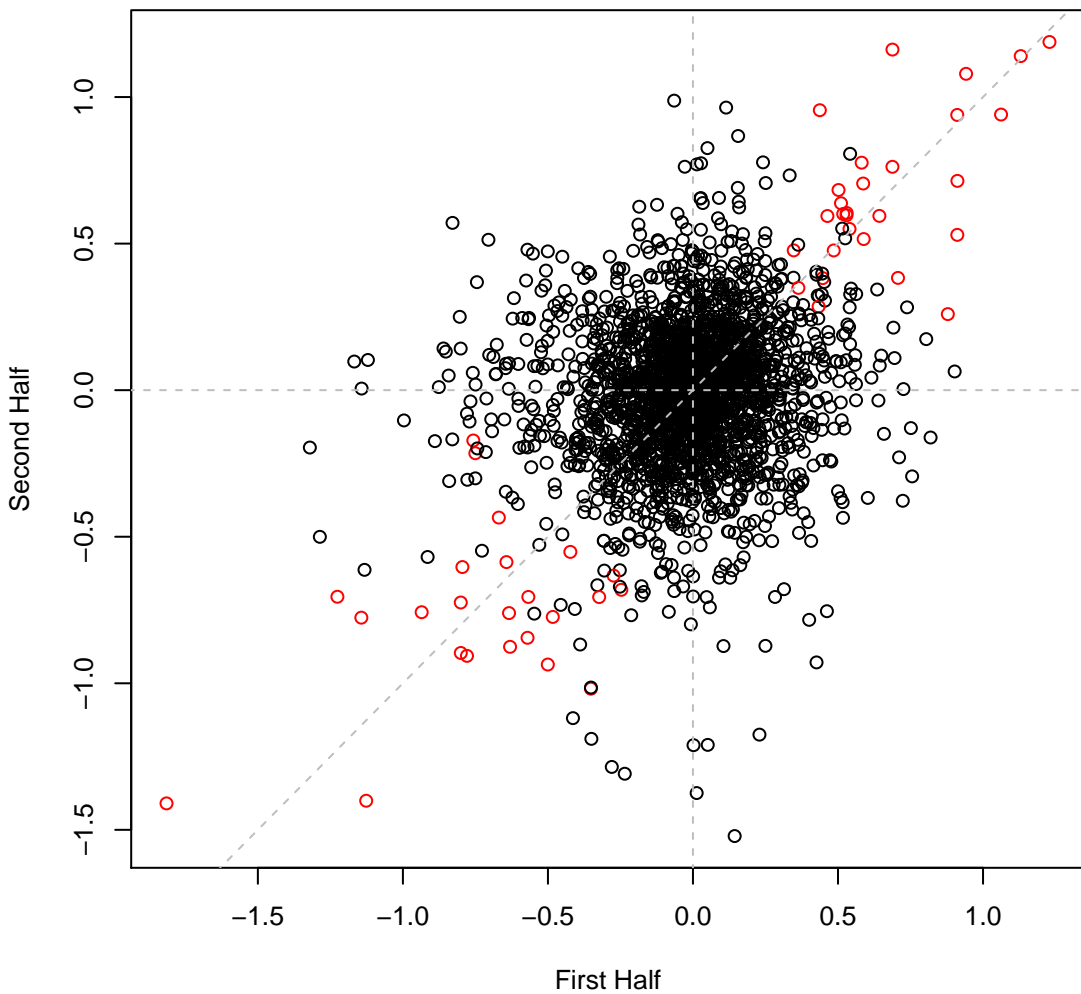


**Phaeo set7IT089 #345 (gMed=184 rho12=0.401)**  
**m.b. Gentamicin 0.004 mg/ml**



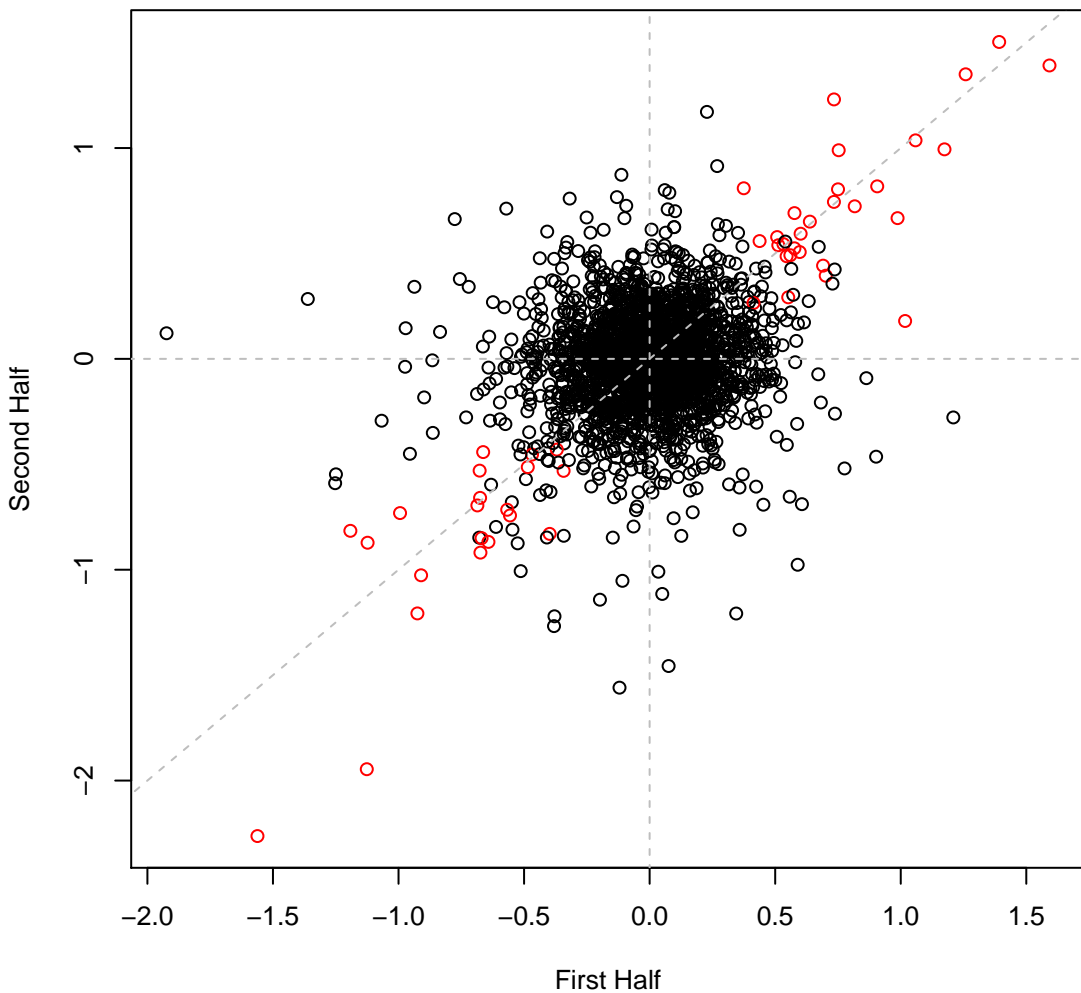
**Phaeo set7IT090 #346 (gMed=193 rho12=0.177)**

**m.b. methylglyoxal 0.008 vol%**



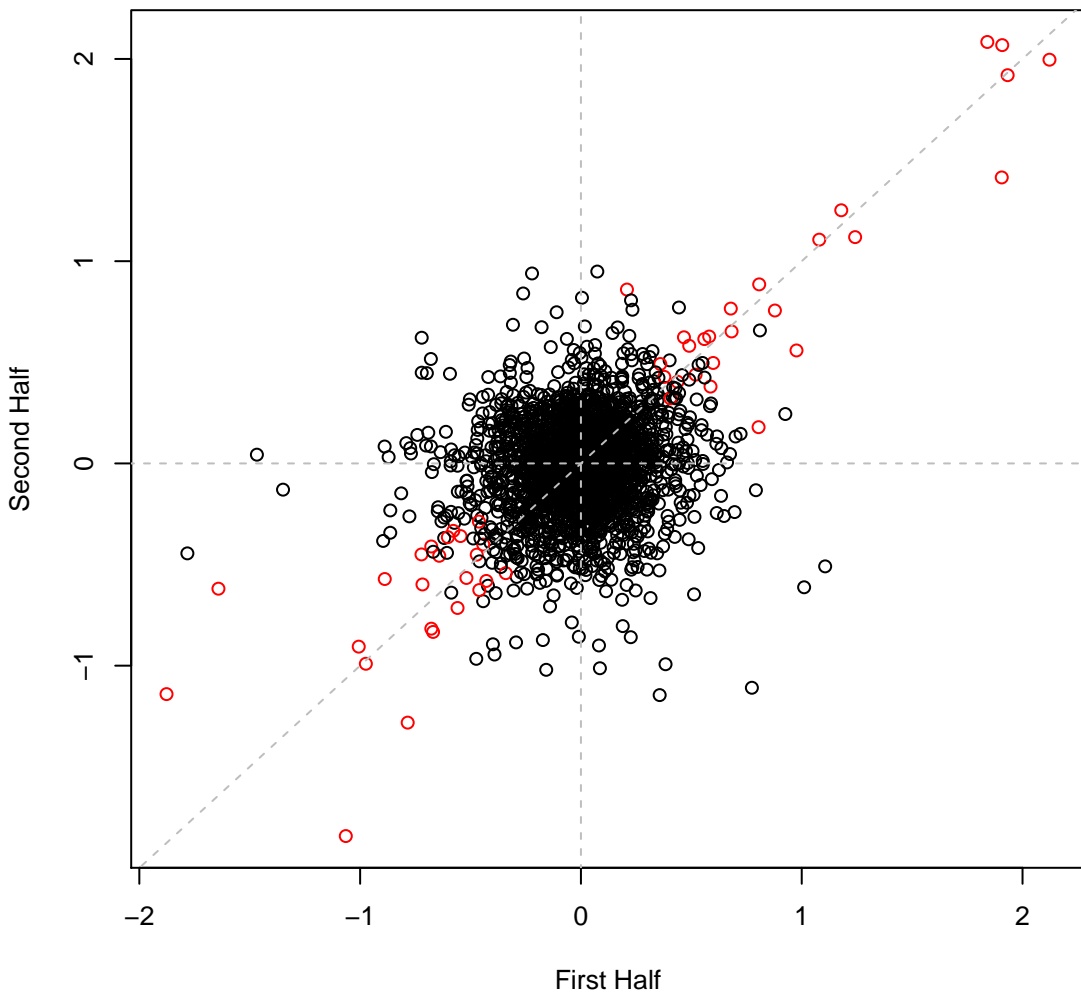
Phaeo set7IT091 #347 (gMed=226 rho12=0.145)

m.b. 2-Furfuraldehyde 0.016 vol%

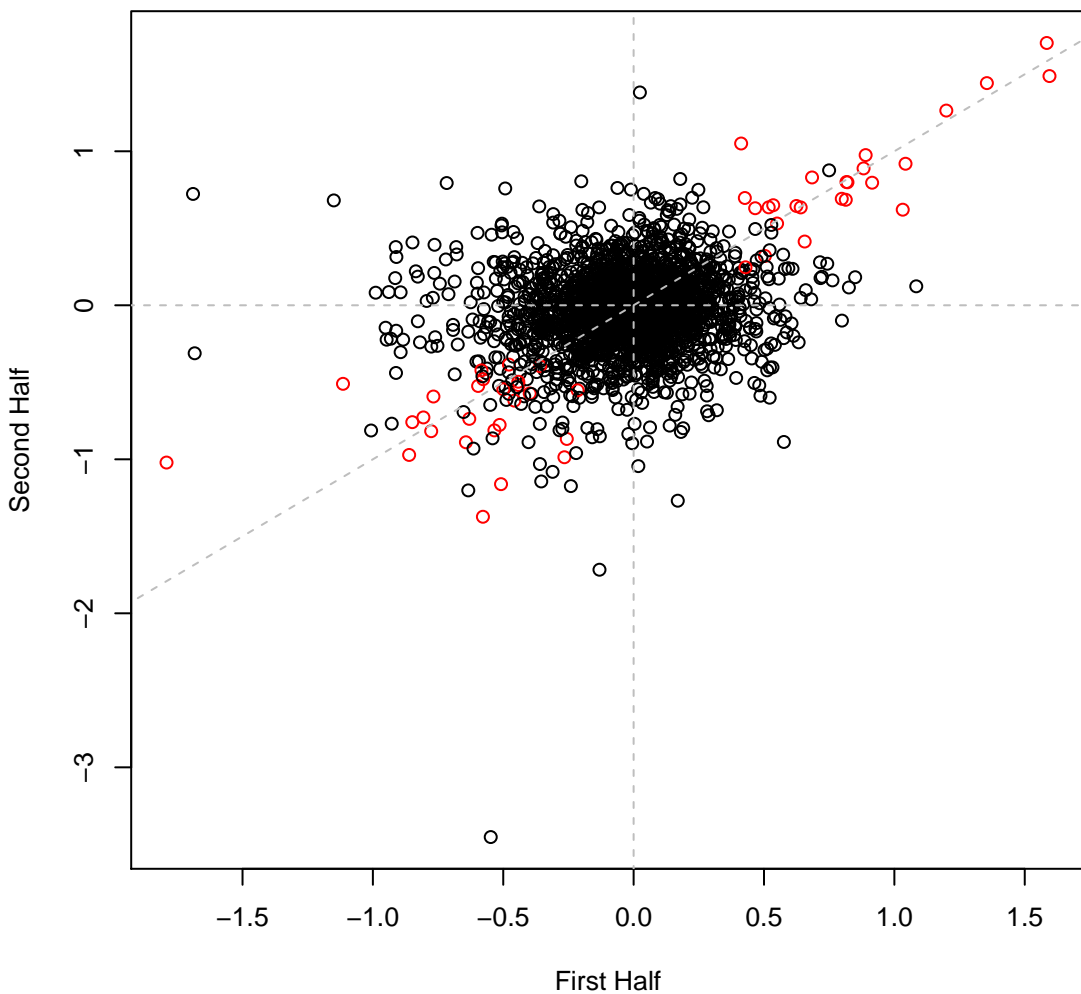




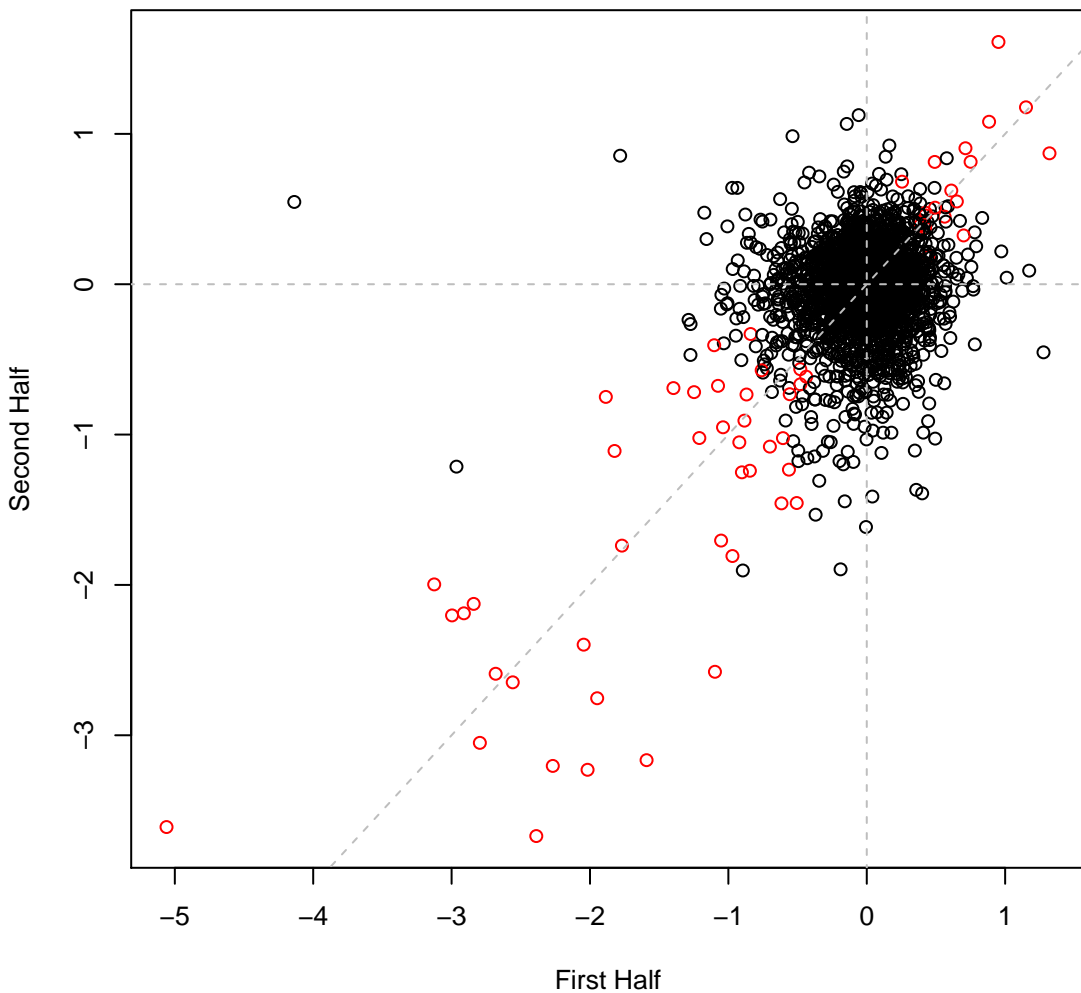
**Phaeo set7IT092 #348 (gMed=214 rho12=0.163)**  
**m.b. Furfuryl Alcohol 0.064 vol%**



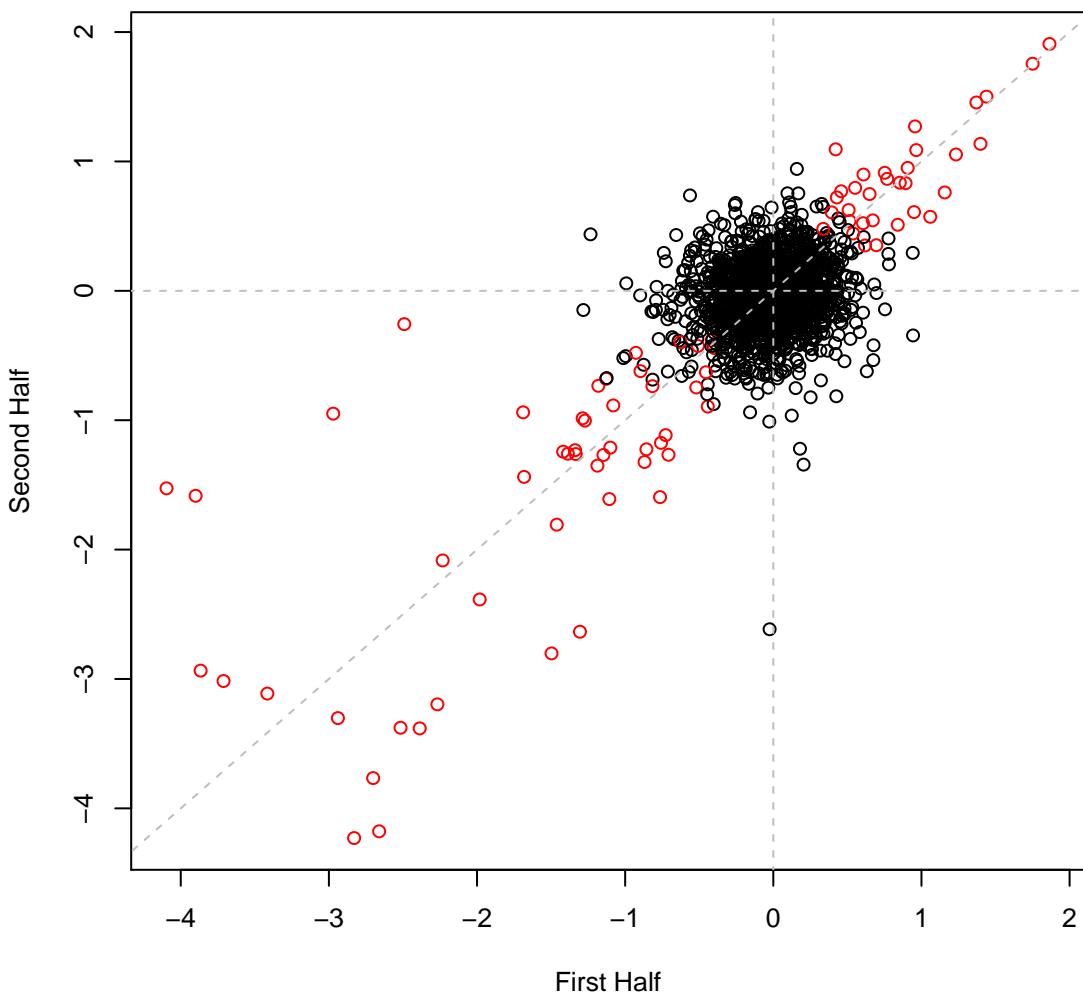
**Phaeo set7IT093 #349 (gMed=179 rho12=0.166)**  
**m.b. Cholin acetate 15 mM**



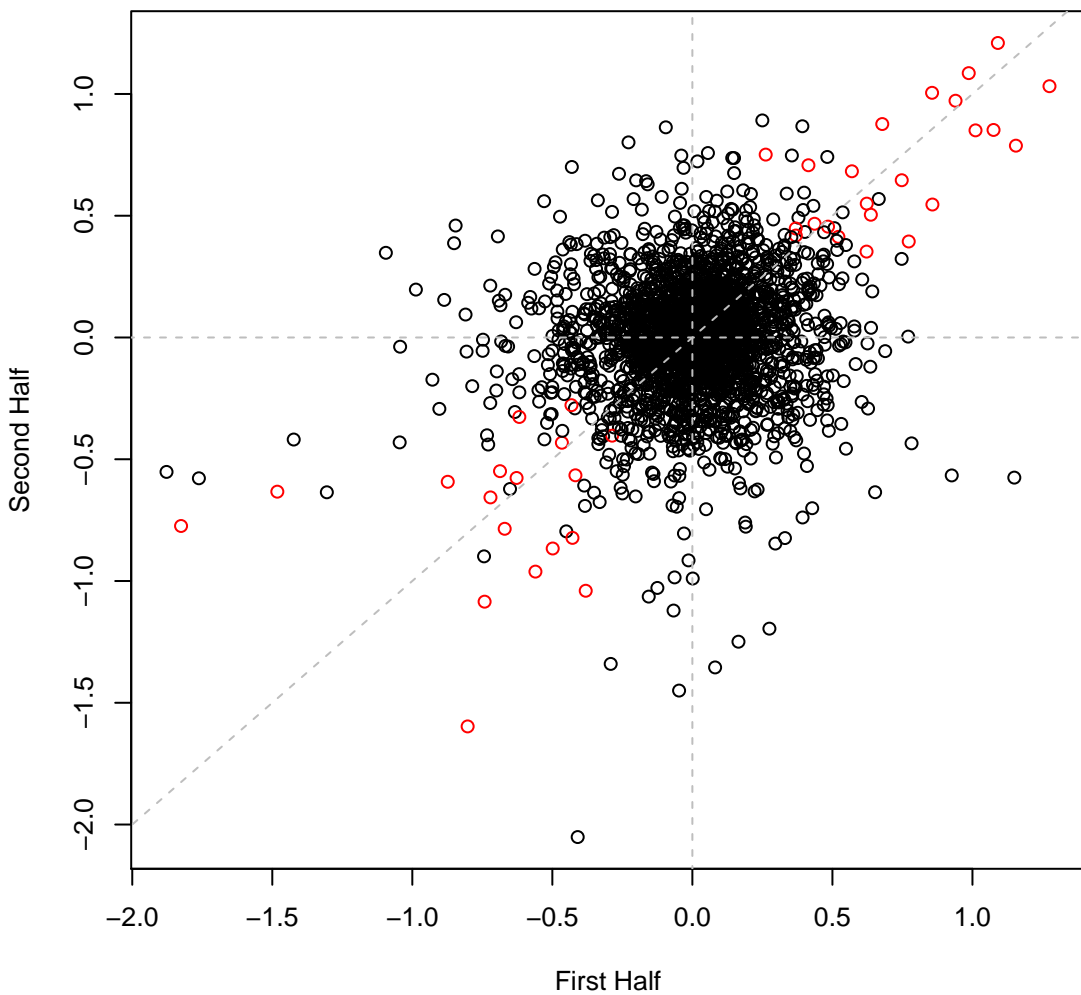
**Phaeo set7IT094 #350 (gMed=88 rho12=0.125)**  
**casaminos (C)**



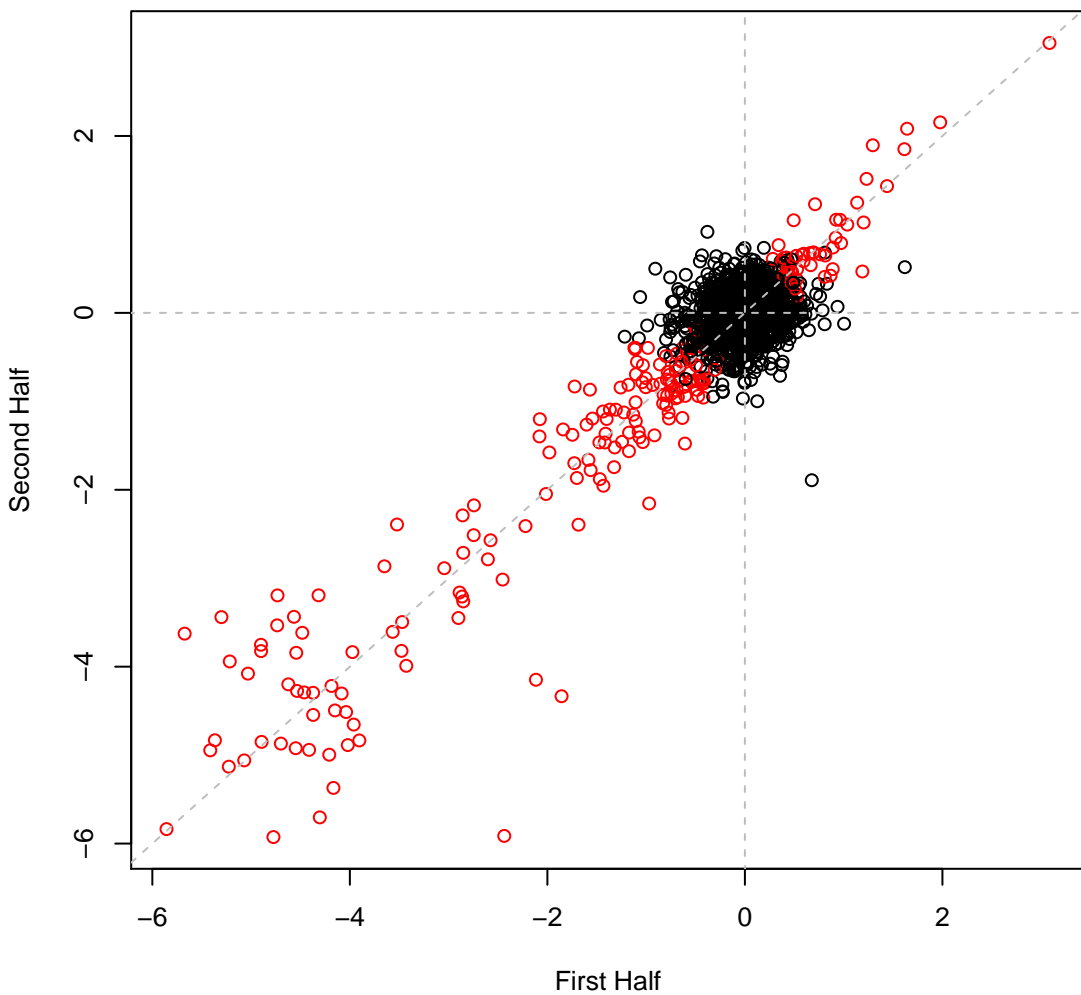
**Phaeo set7IT095 #351 (gMed=156 rho12=0.226)**  
**L-Asparagine (C)**



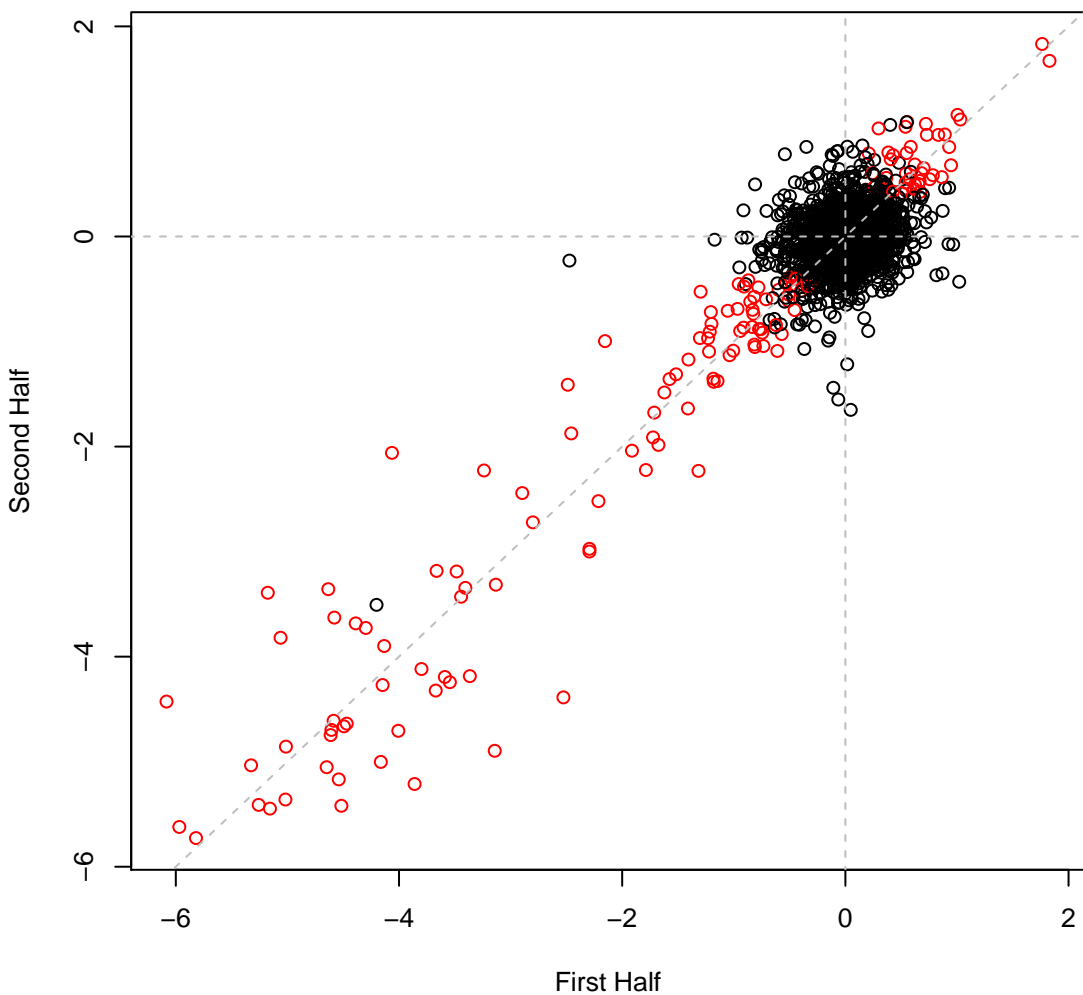
**Phaeo set7IT096 #352 (gMed=164 rho12=0.135)**  
**butyrate (C)**



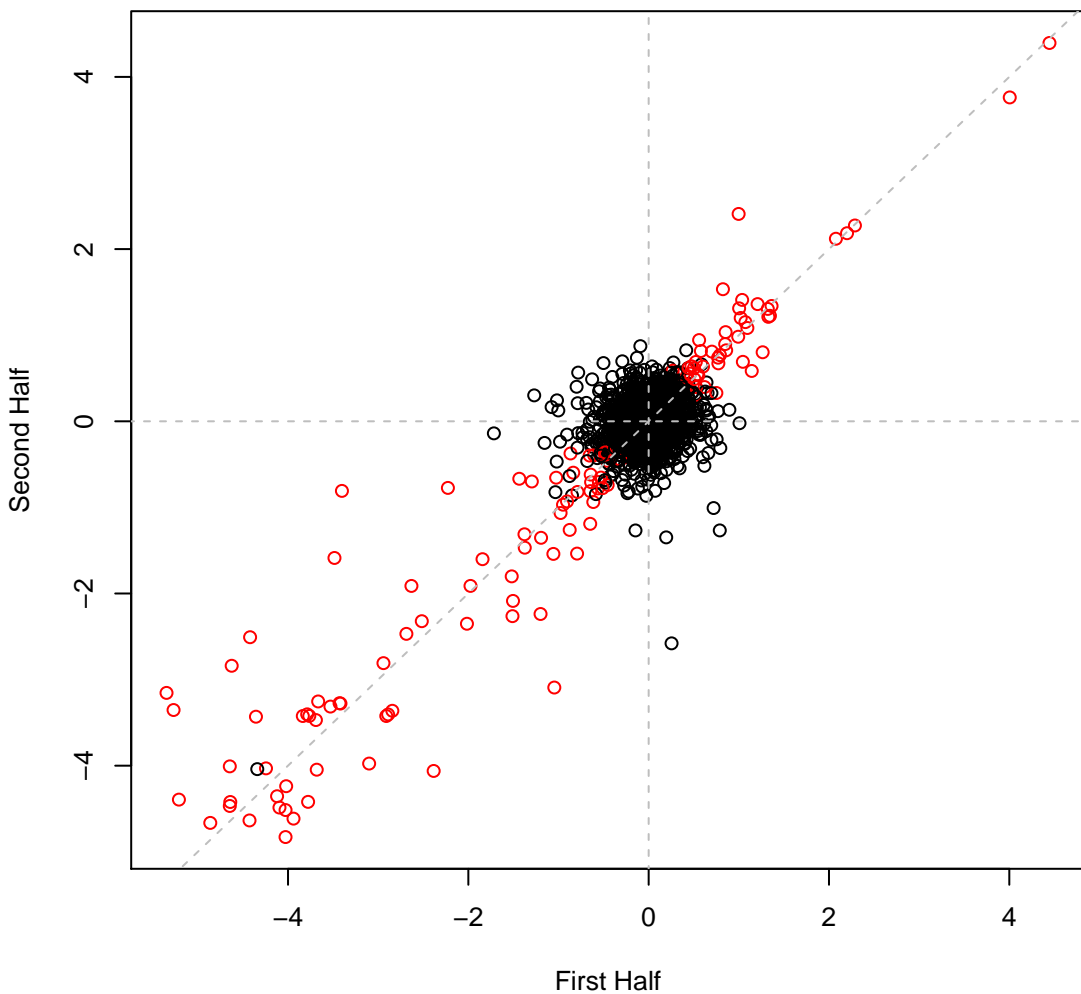
**Phaeo set8IT049 #353 (gMed=231 rho12=0.370)**  
**L-Histidine (N)**



**Phaeo set8IT050 #354 (gMed=202 rho12=0.317)**  
**L-Alanine (N)**

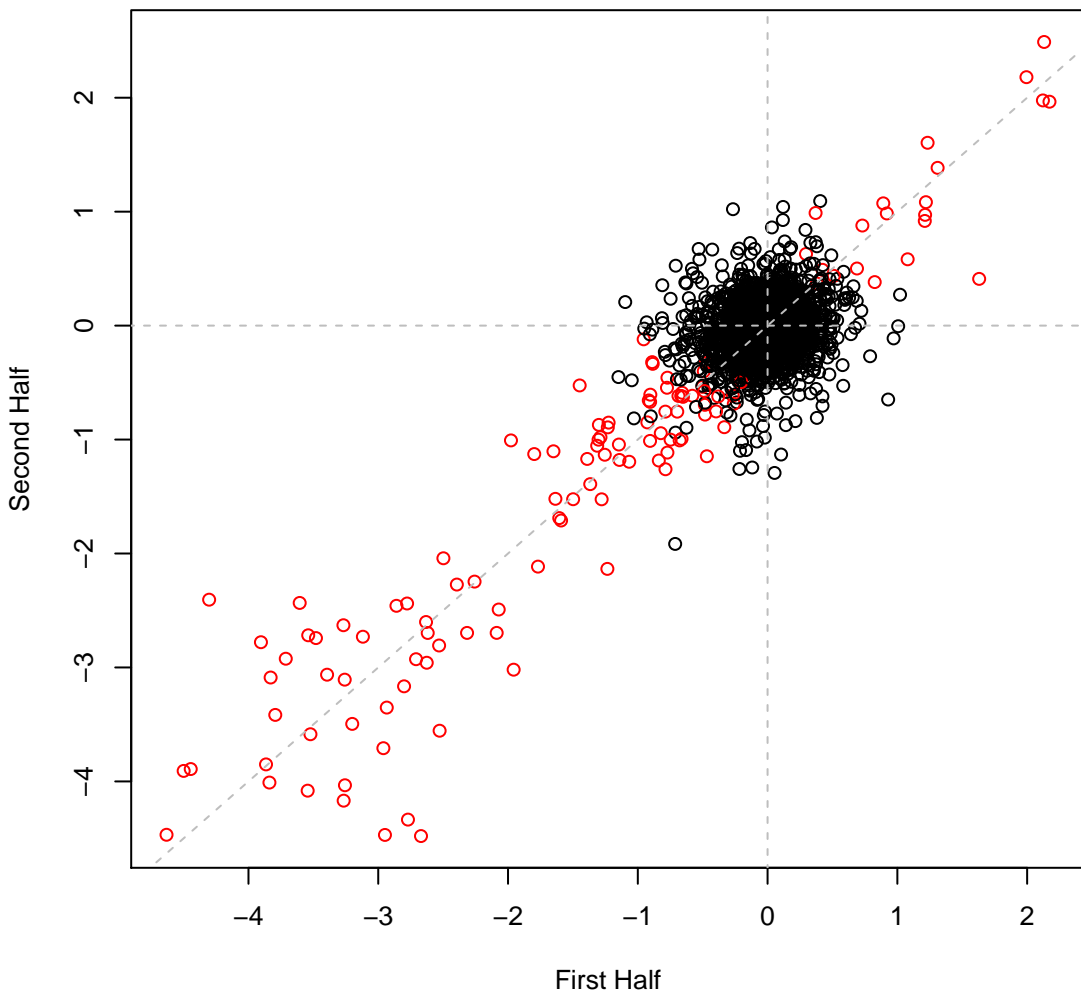


**Phaeo set8IT051 #355 (gMed=200 rho12=0.300)**  
**L-Valine (N)**

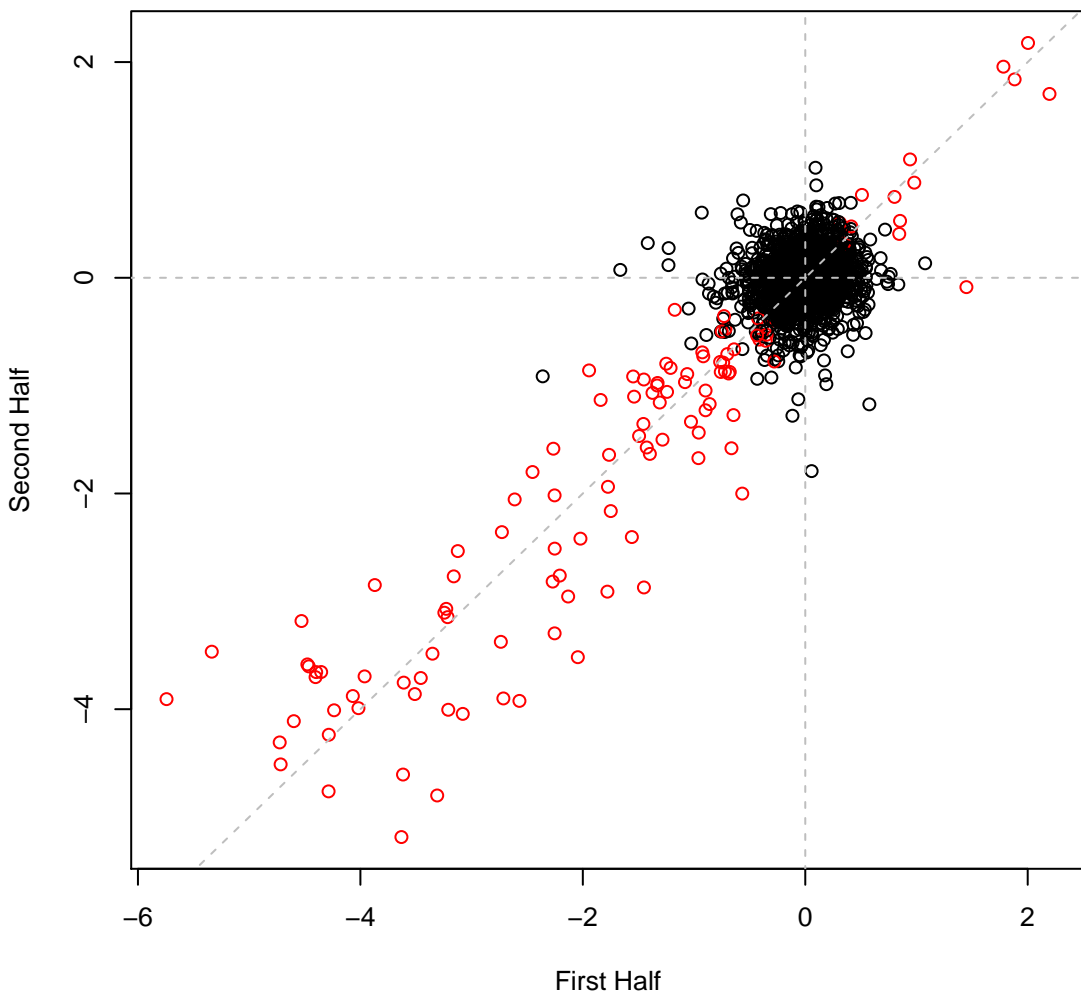




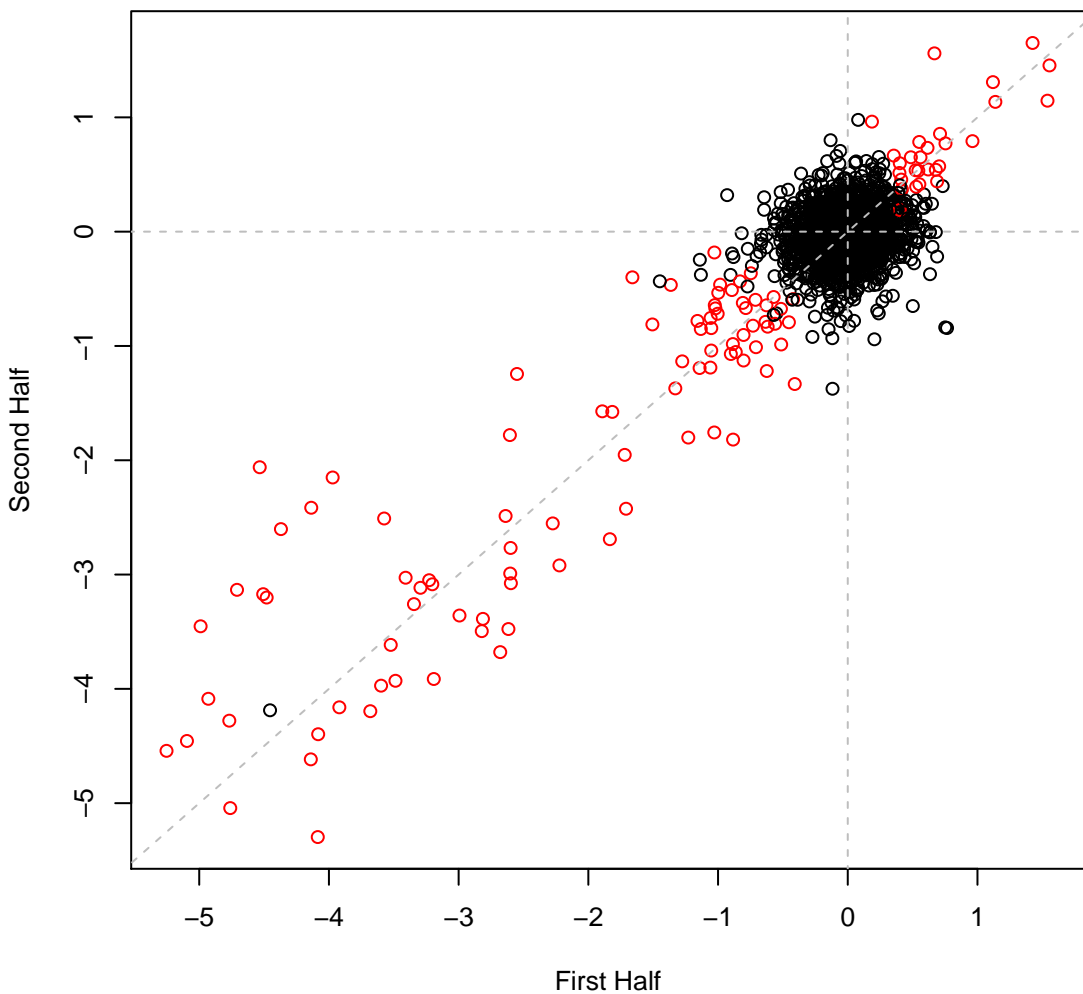
**Phaeo set8IT052 #356 (gMed=171 rho12=0.266)**  
**L-Isoleucine (N)**



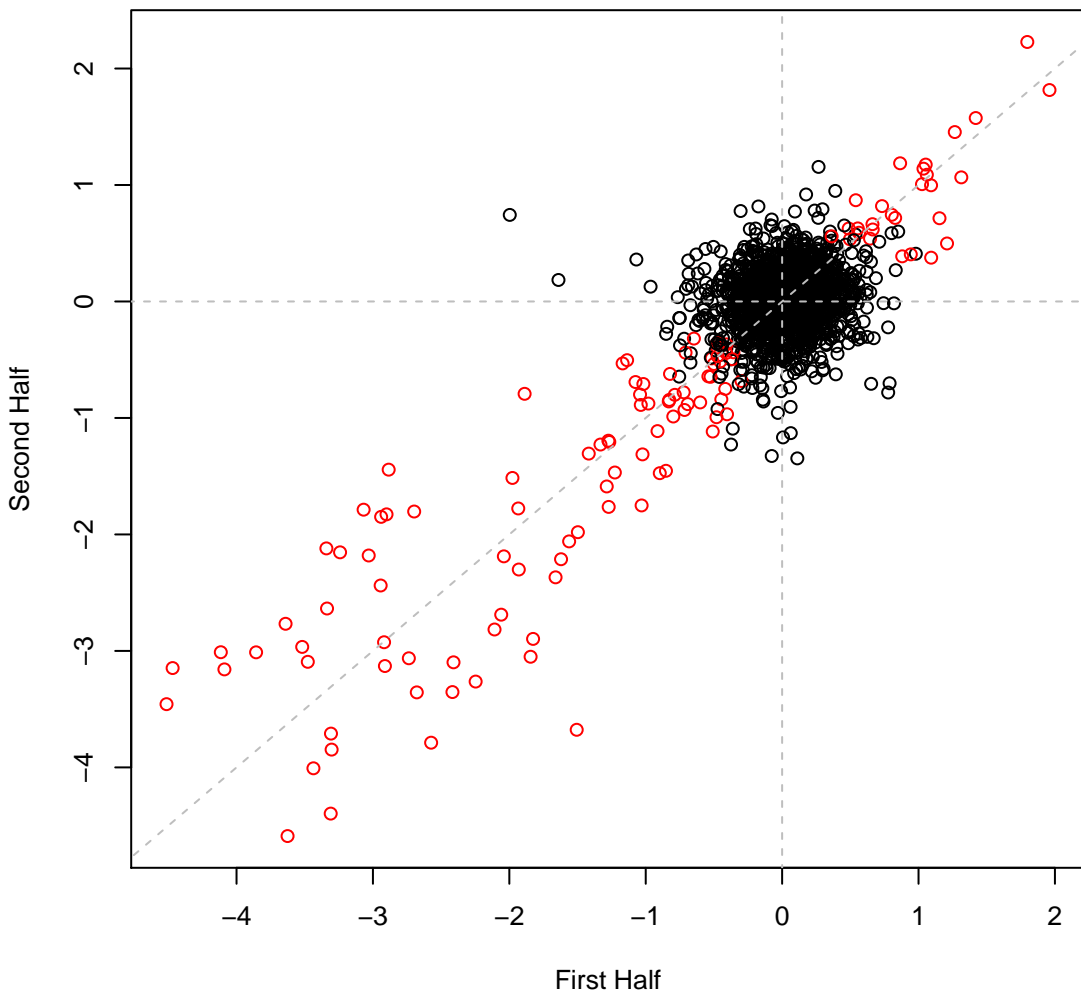
**Phaeo set8IT053 #357 (gMed=190 rho12=0.278)**  
**L-Leucine (N)**



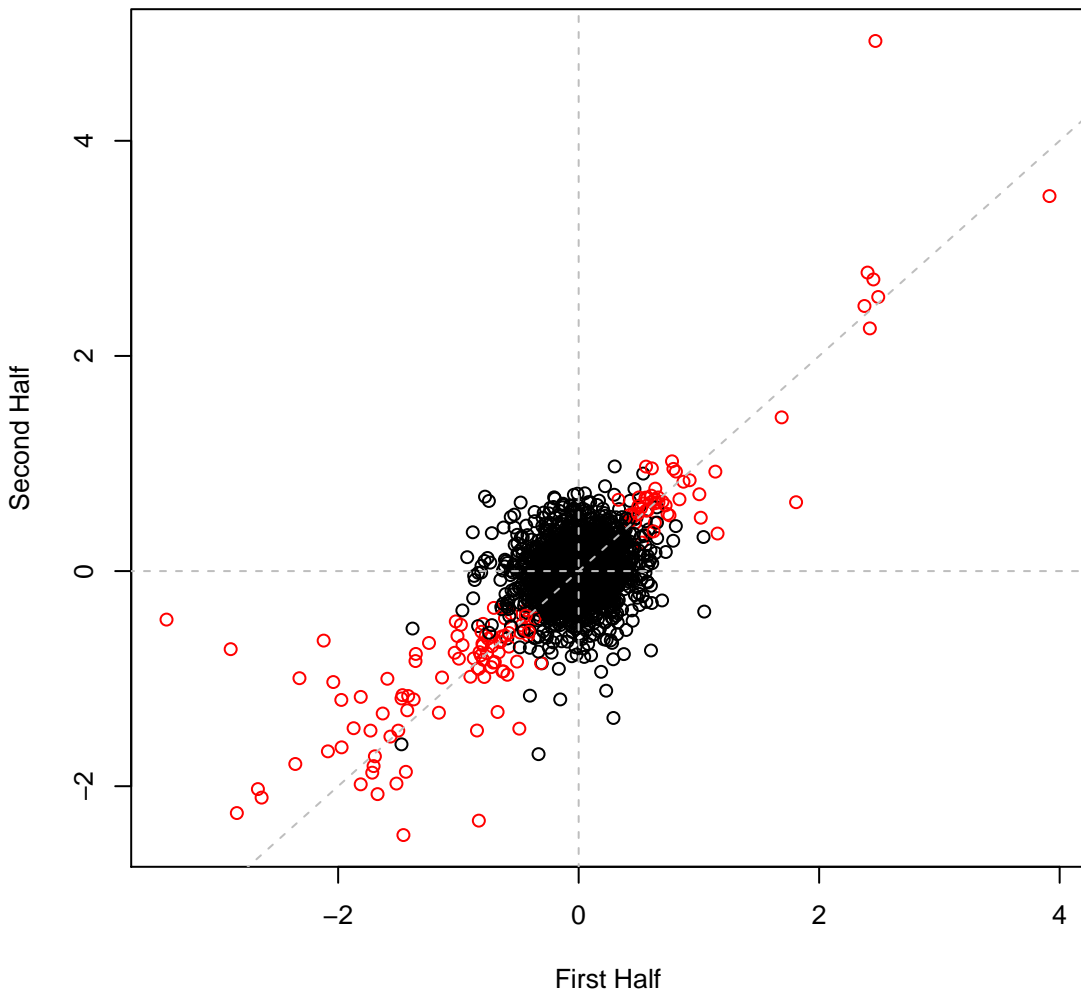
**Phaeo set8IT054 #358 (gMed=215 rho12=0.246)**  
**L-Methionine (N)**



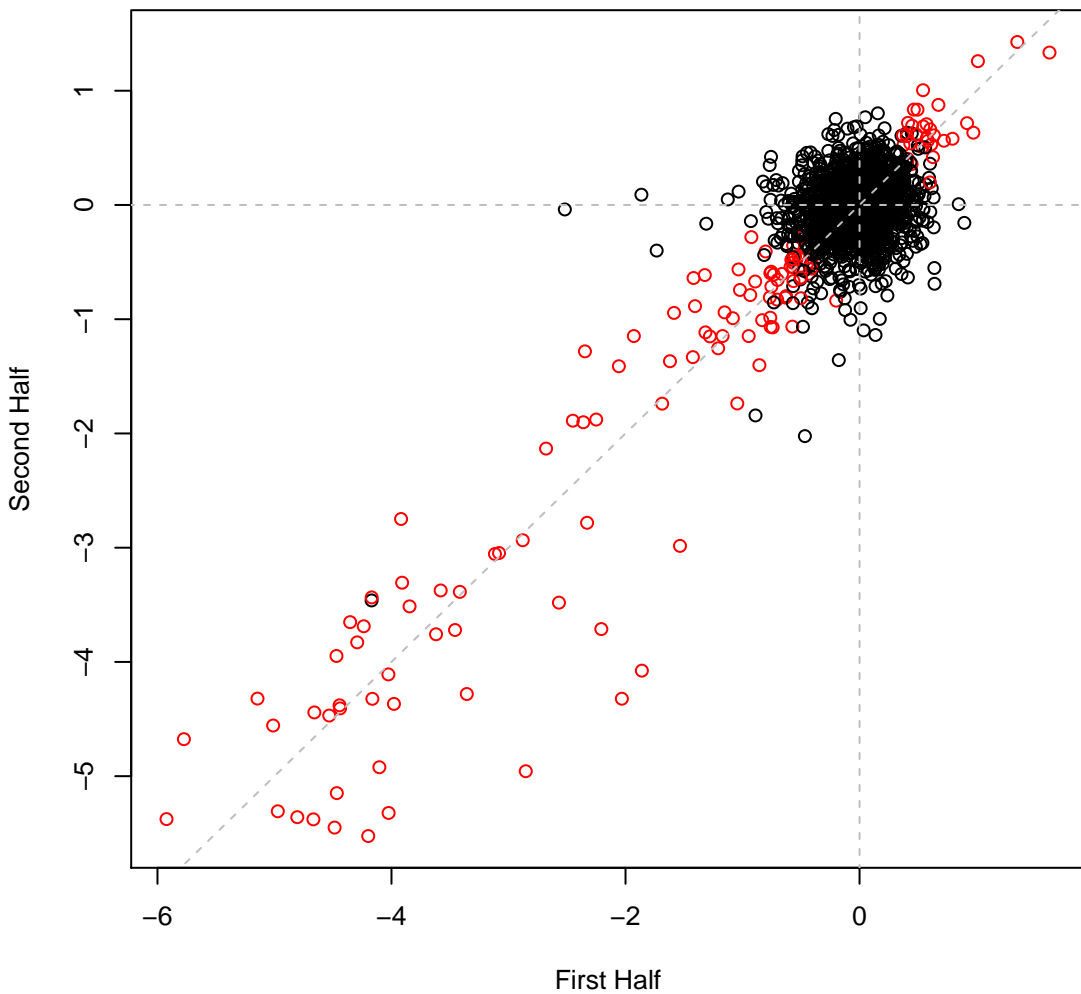
**Phaeo set8IT055 #359 (gMed=187 rho12=0.253)**  
**L-Phenylalanine (N)**



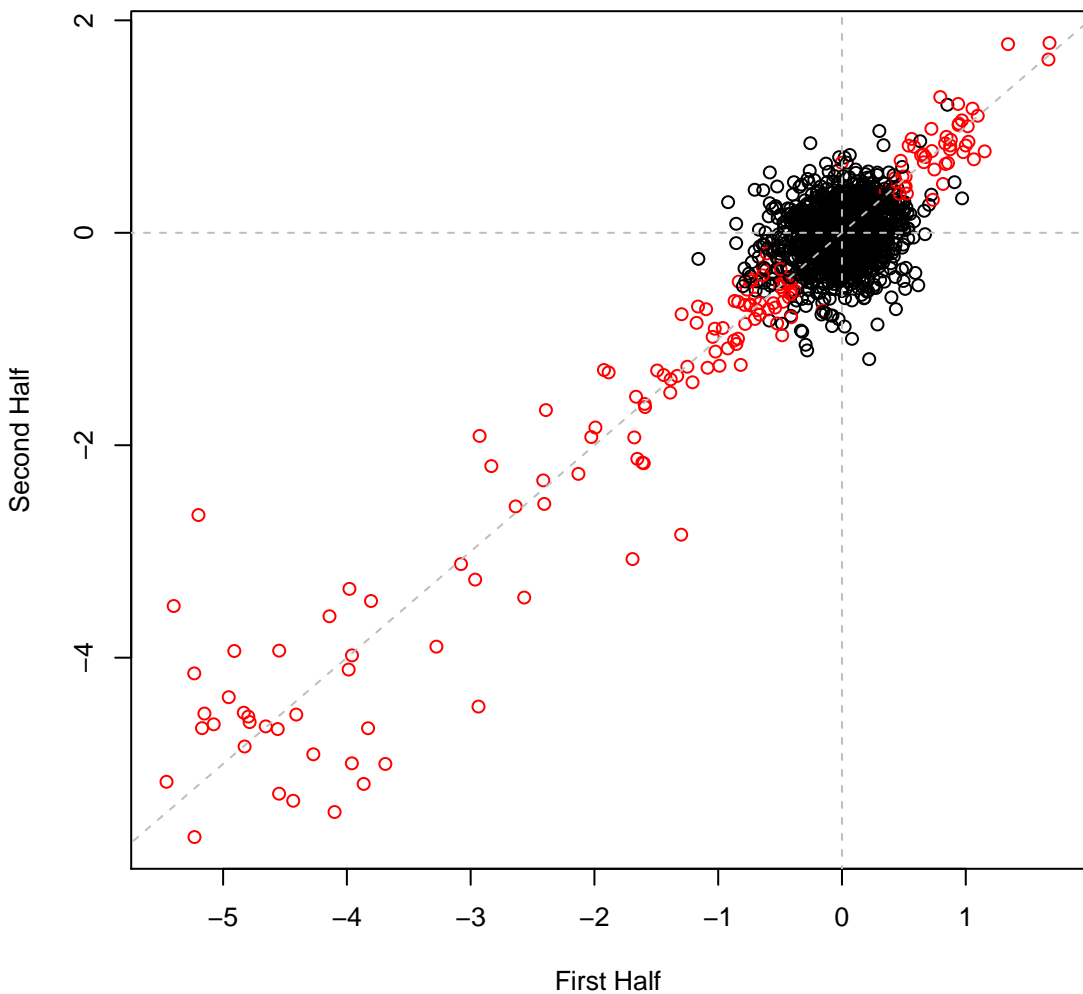
**Phaeo set8IT056 #360 (gMed=178 rho12=0.260)**  
**L-Tryptophan (N)**



## D-Alanine (N)

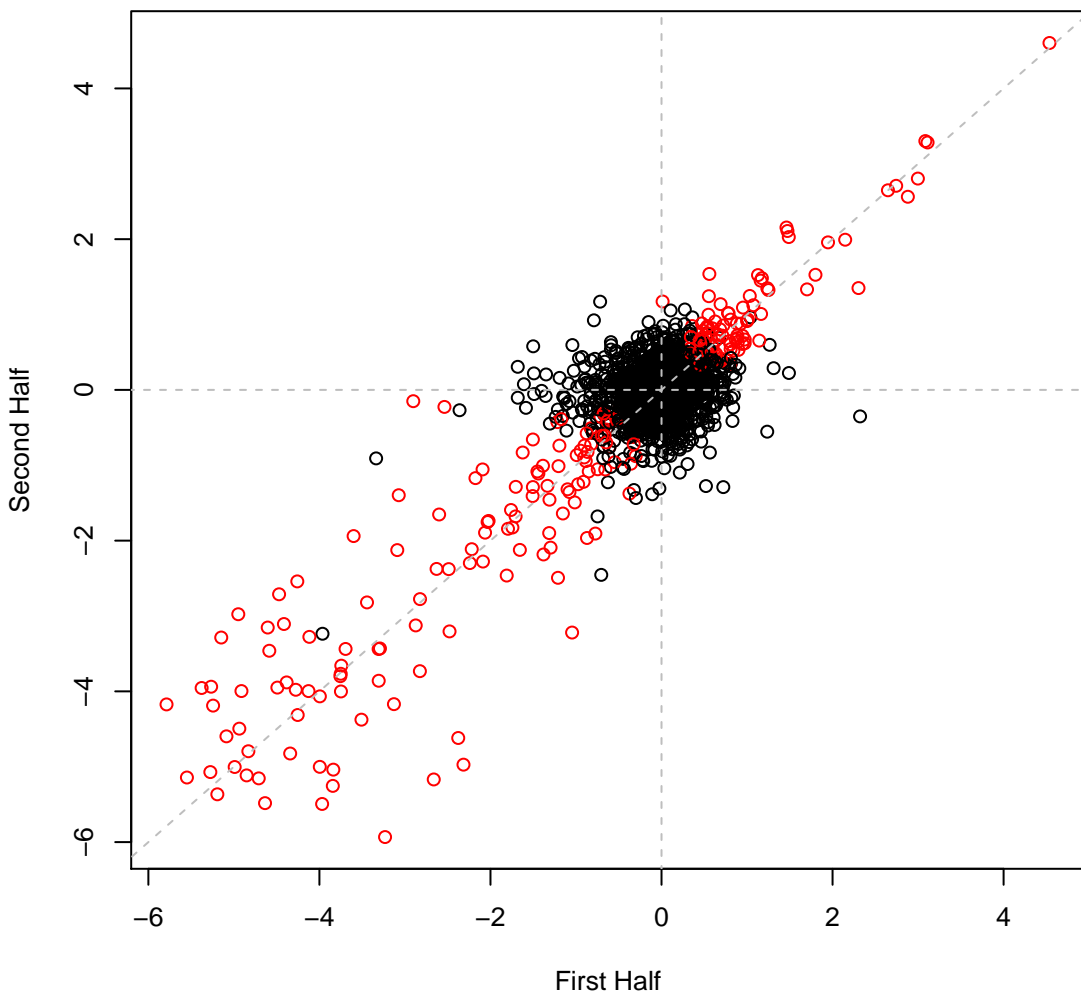


**Phaeo set8IT058 #362 (gMed=199 rho12=0.329)**  
**L-Citrulline (N)**



**Phaeo set8IT059 #363 (gMed=165 rho12=0.351)**

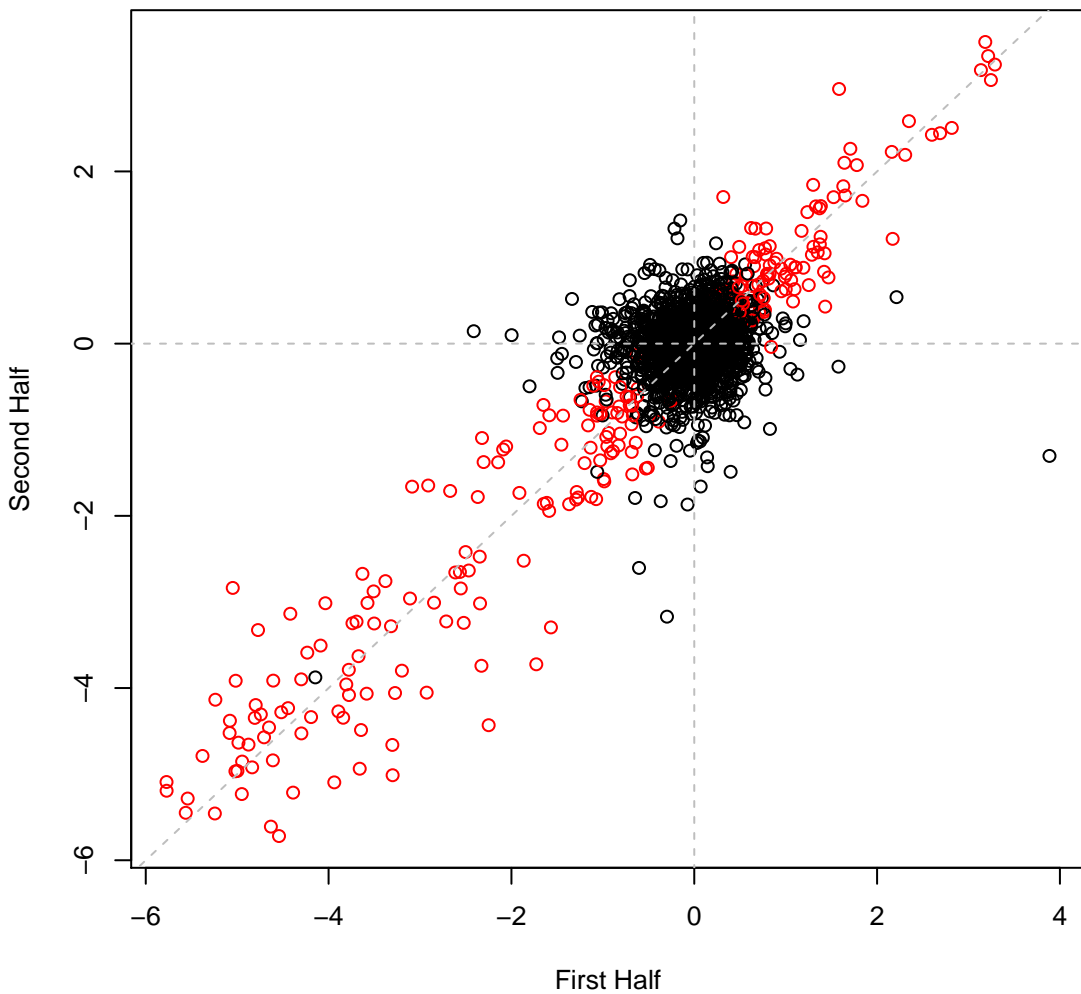
**Putrescine (N)**





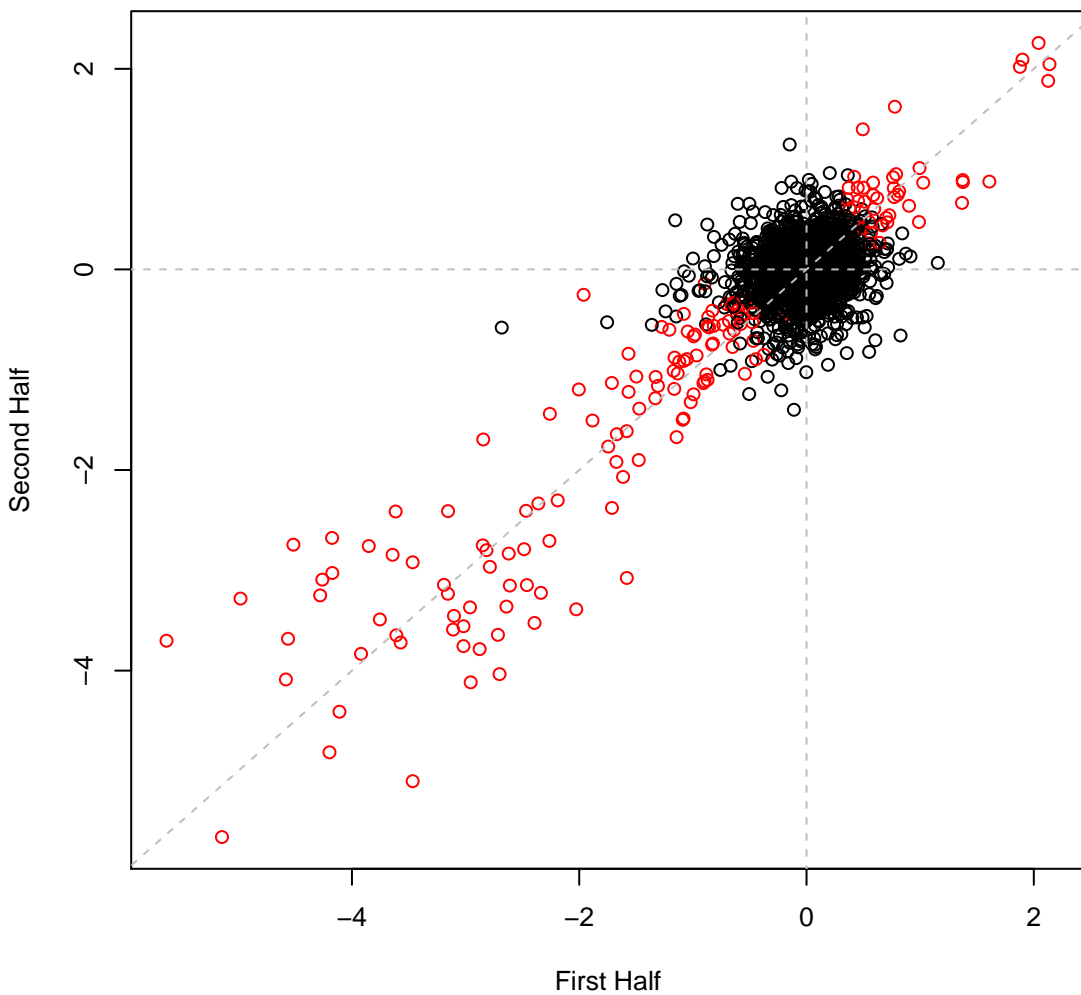
Phaeo set8IT060 #364 (gMed=168 rho12=0.367)

Adenosine (N)



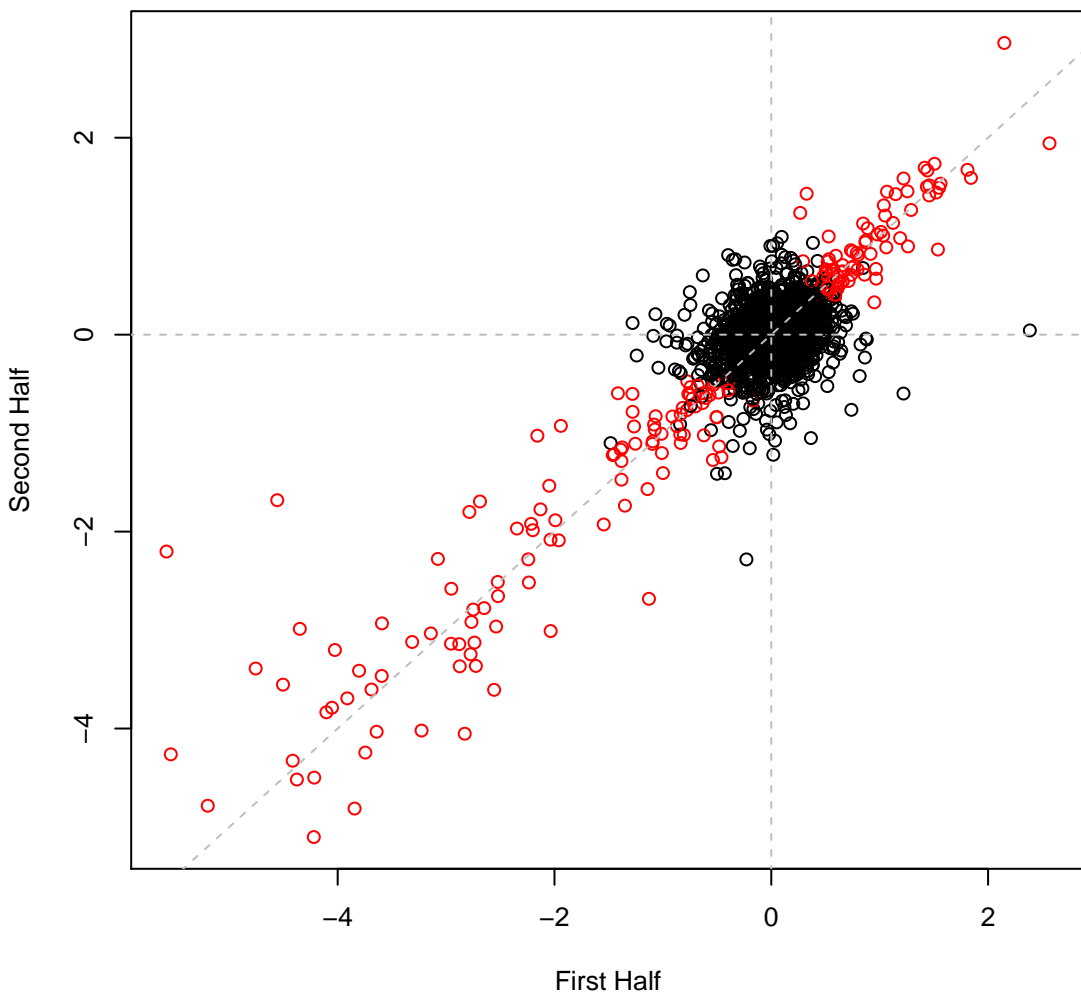
Phaeo set8IT061 #365 (gMed=174 rho12=0.319)

Uridine (N)

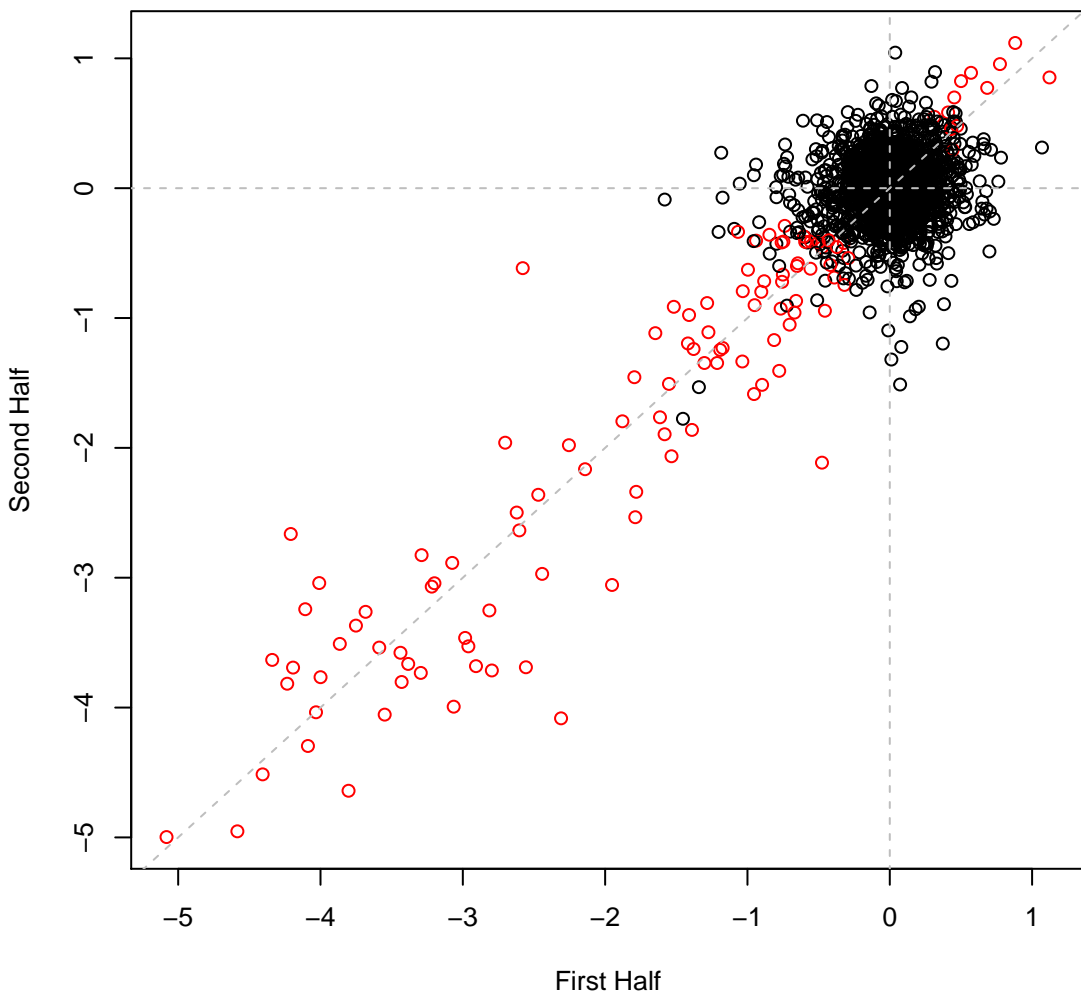


Phaeo set8IT062 #366 (gMed=214 rho12=0.348)

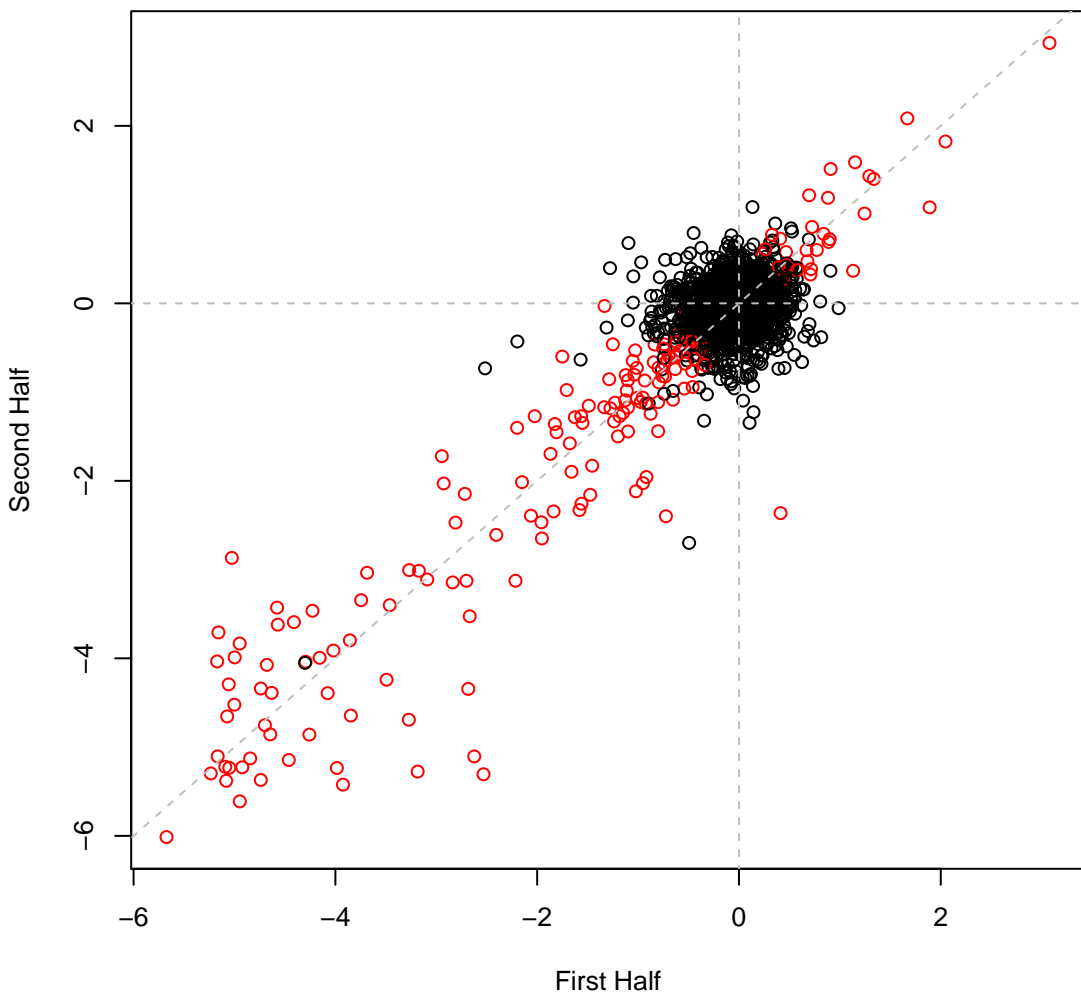
Cytidine (N)



**Phaeo set8IT063 #367 (gMed=195 rho12=0.220)**  
**Ammonium chloride (N)**

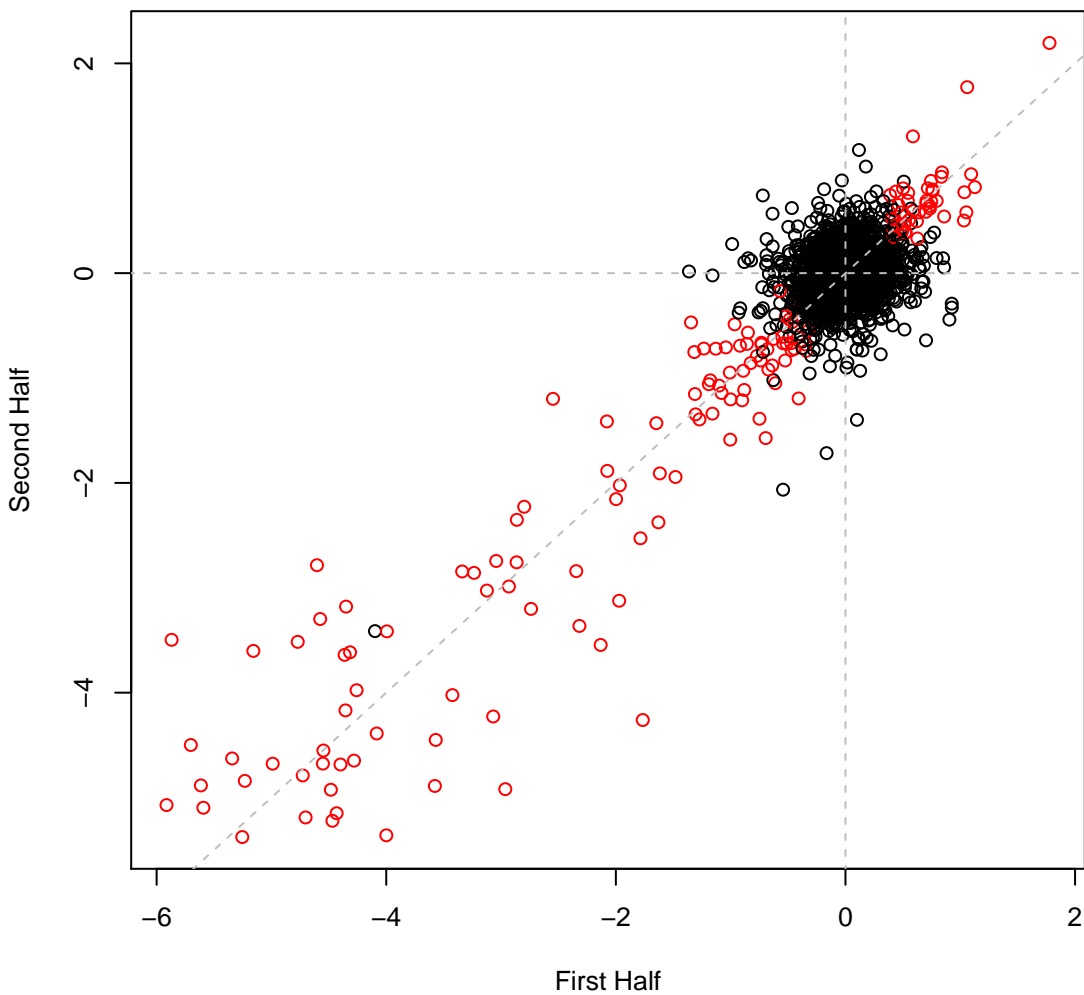


**Phaeo set8IT064 #368 (gMed=175 rho12=0.309)**  
**L-Histidine (N)**

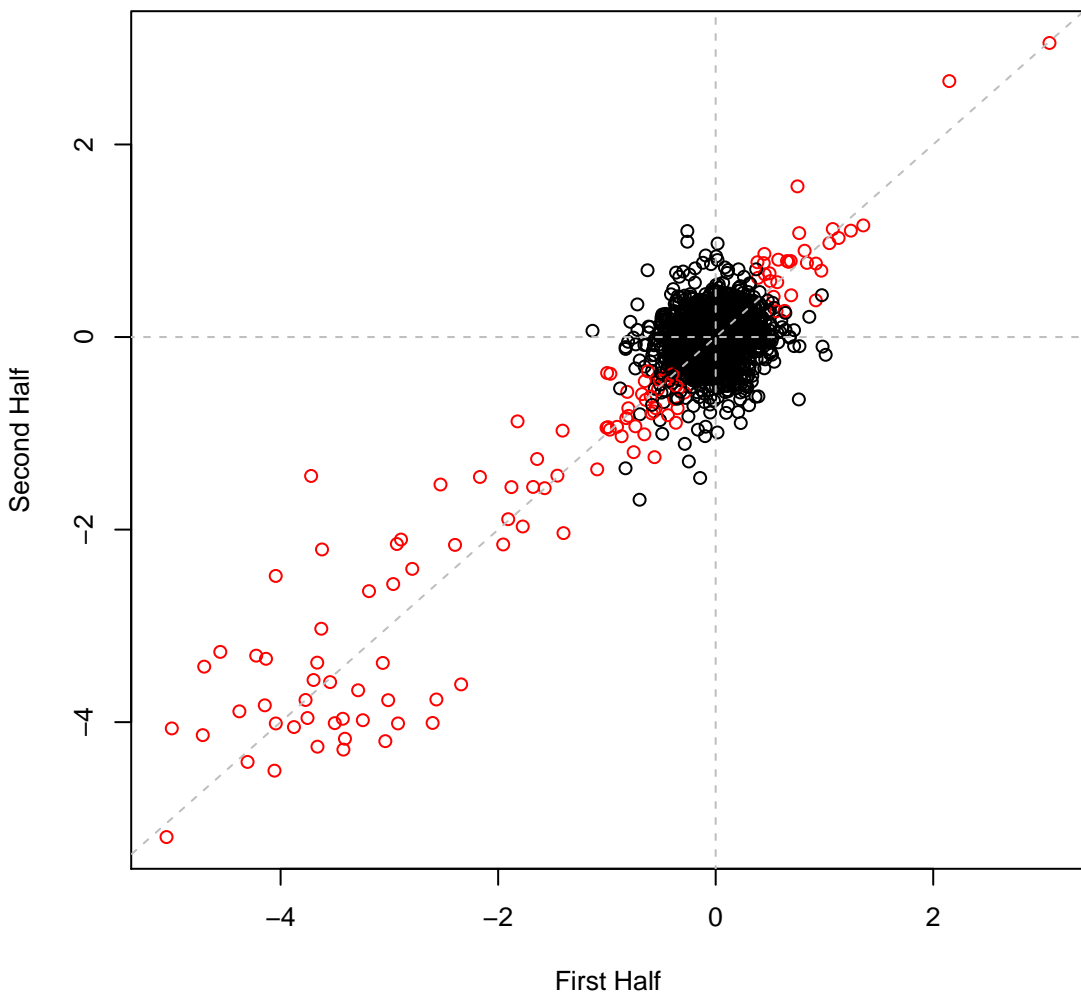


**Phaeo set8IT065 #369 (gMed=187 rho12=0.307)**

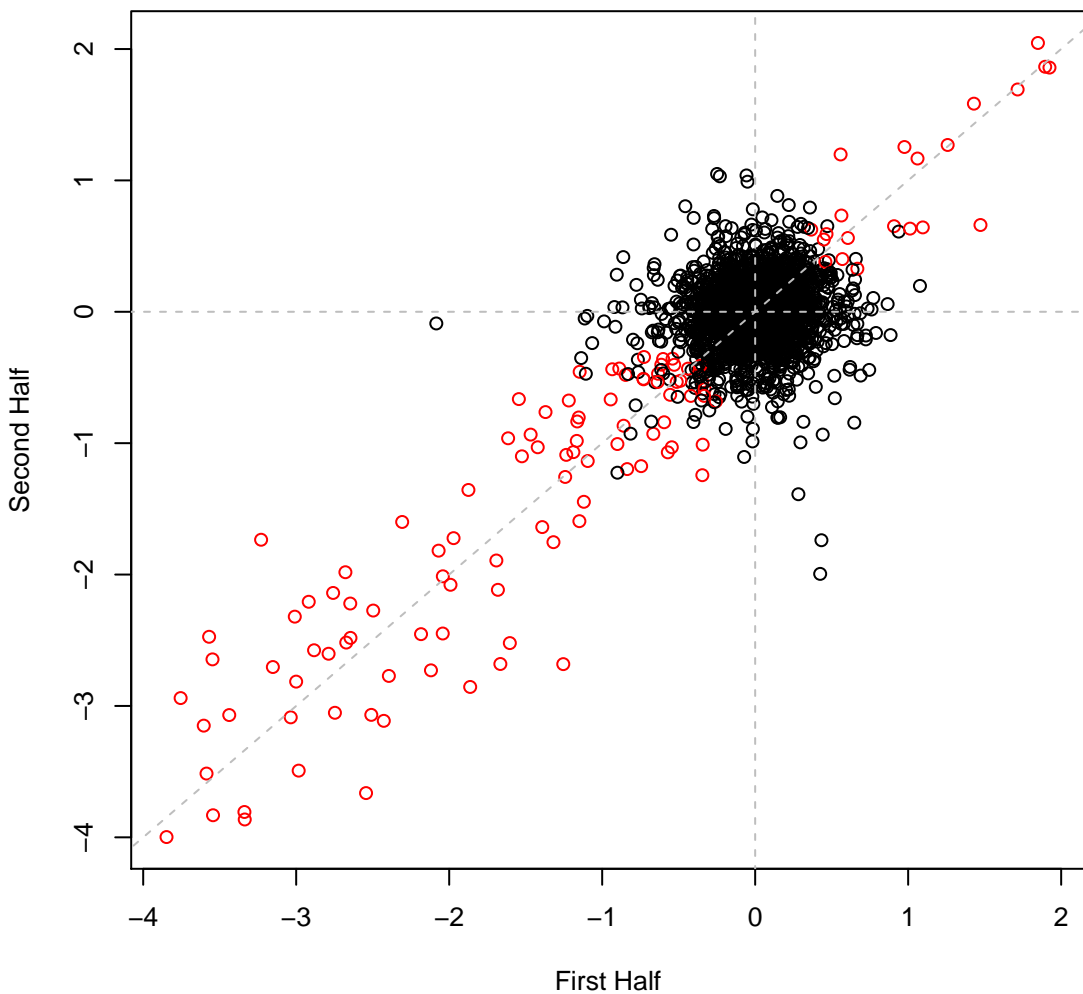
**L-Alanine (N)**



**Phaeo set8IT066 #370 (gMed=178 rho12=0.263)**  
**L-Valine (N)**

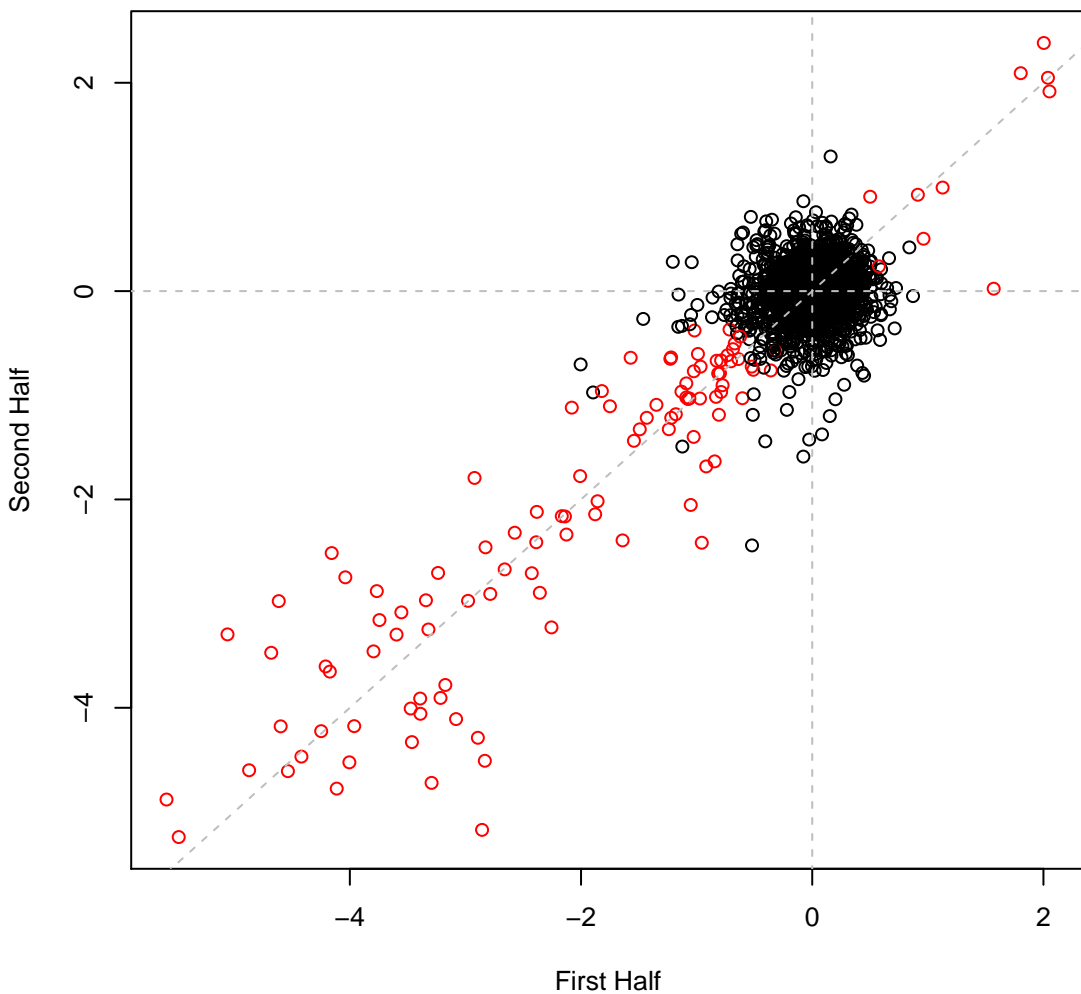


**Phaeo set8IT067 #371 (gMed=168 rho12=0.224)**  
**L-Isoleucine (N)**

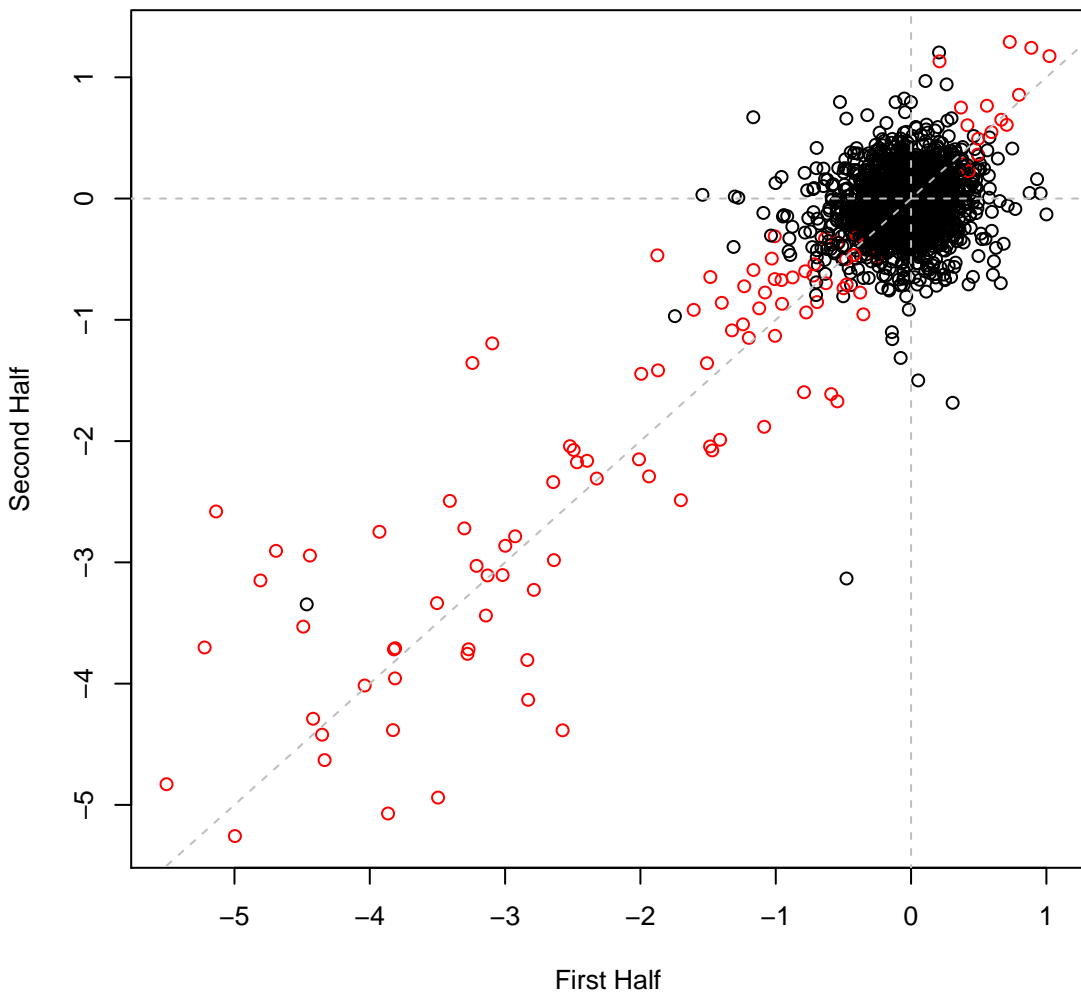




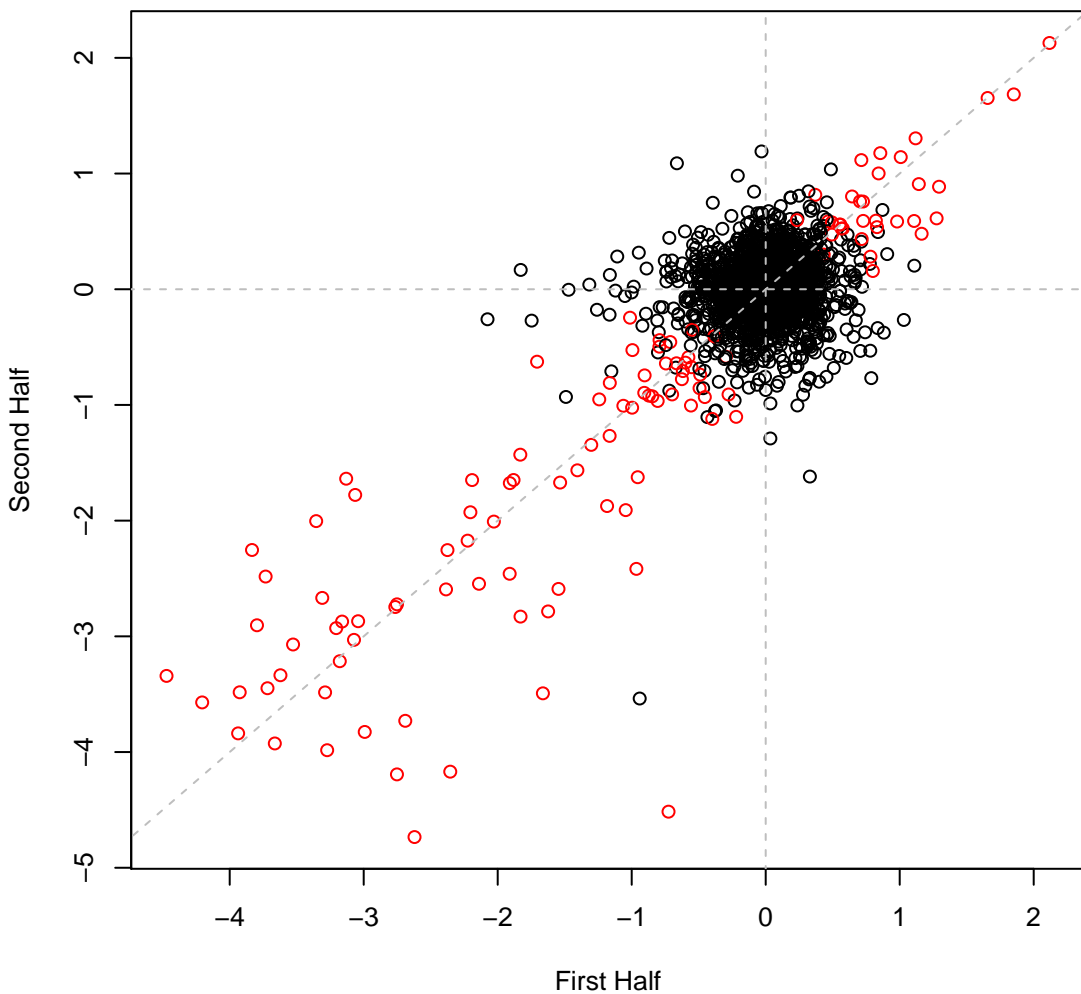
**Phaeo set8IT068 #372 (gMed=158 rho12=0.250)**  
**L-Leucine (N)**



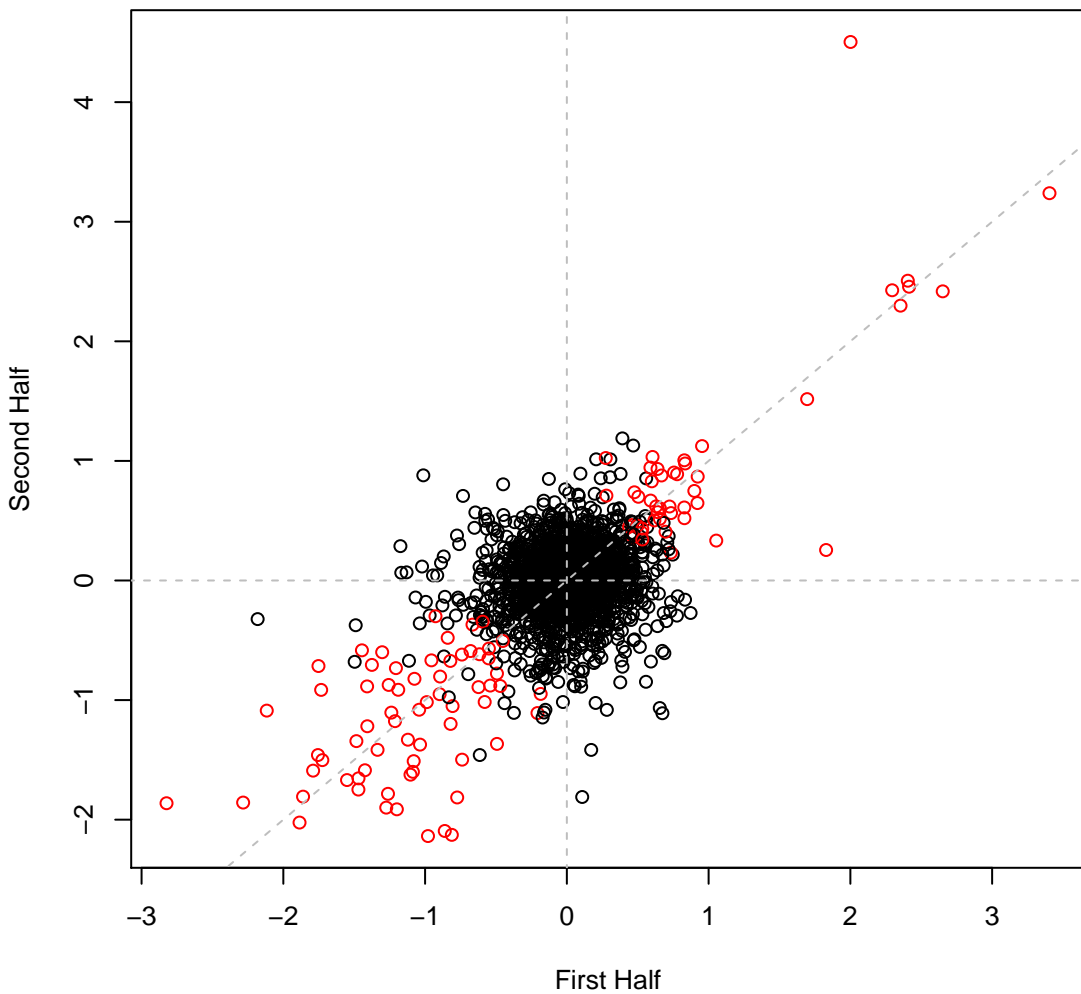
**Phaeo set8IT069 #373 (gMed=164 rho12=0.267)**  
**L-Methionine (N)**



**Phaeo set8IT070 #374 (gMed=161 rho12=0.229)**  
**L-Phenylalanine (N)**

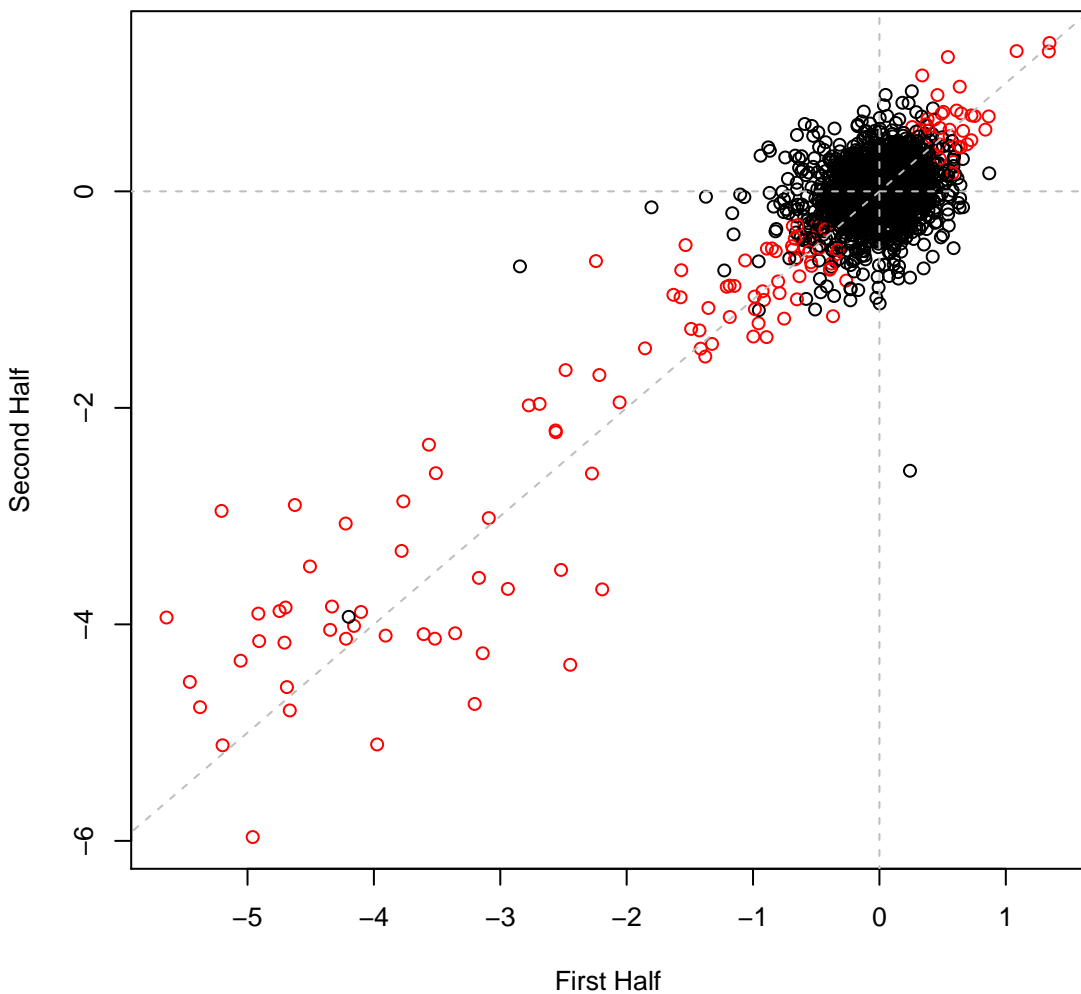


**Phaeo set8IT071 #375 (gMed=139 rho12=0.226)**  
**L-Tryptophan (N)**

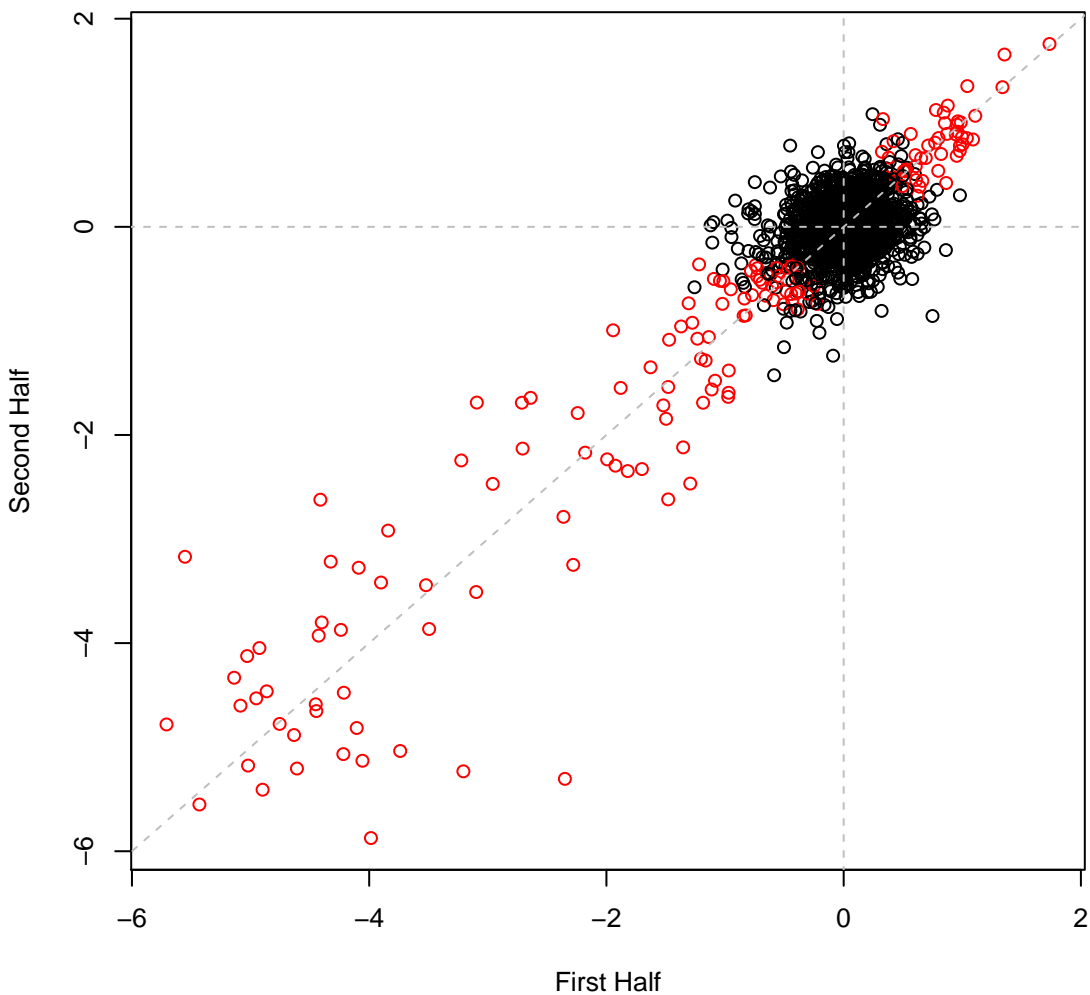


**Phaeo set8IT072 #376 (gMed=164 rho12=0.295)**

**D-Alanine (N)**

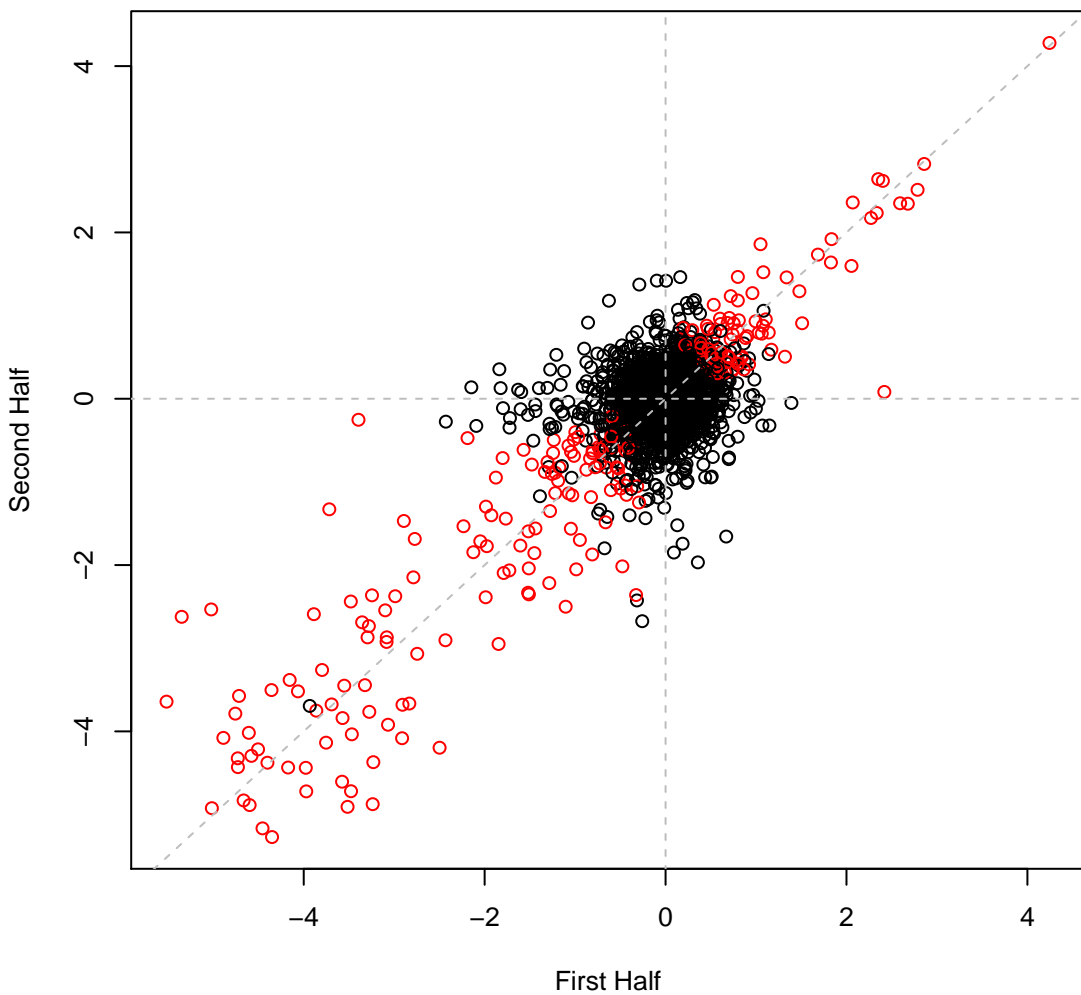


**Phaeo set8IT073 #377 (gMed=182 rho12=0.324)**  
**L-Citrulline (N)**



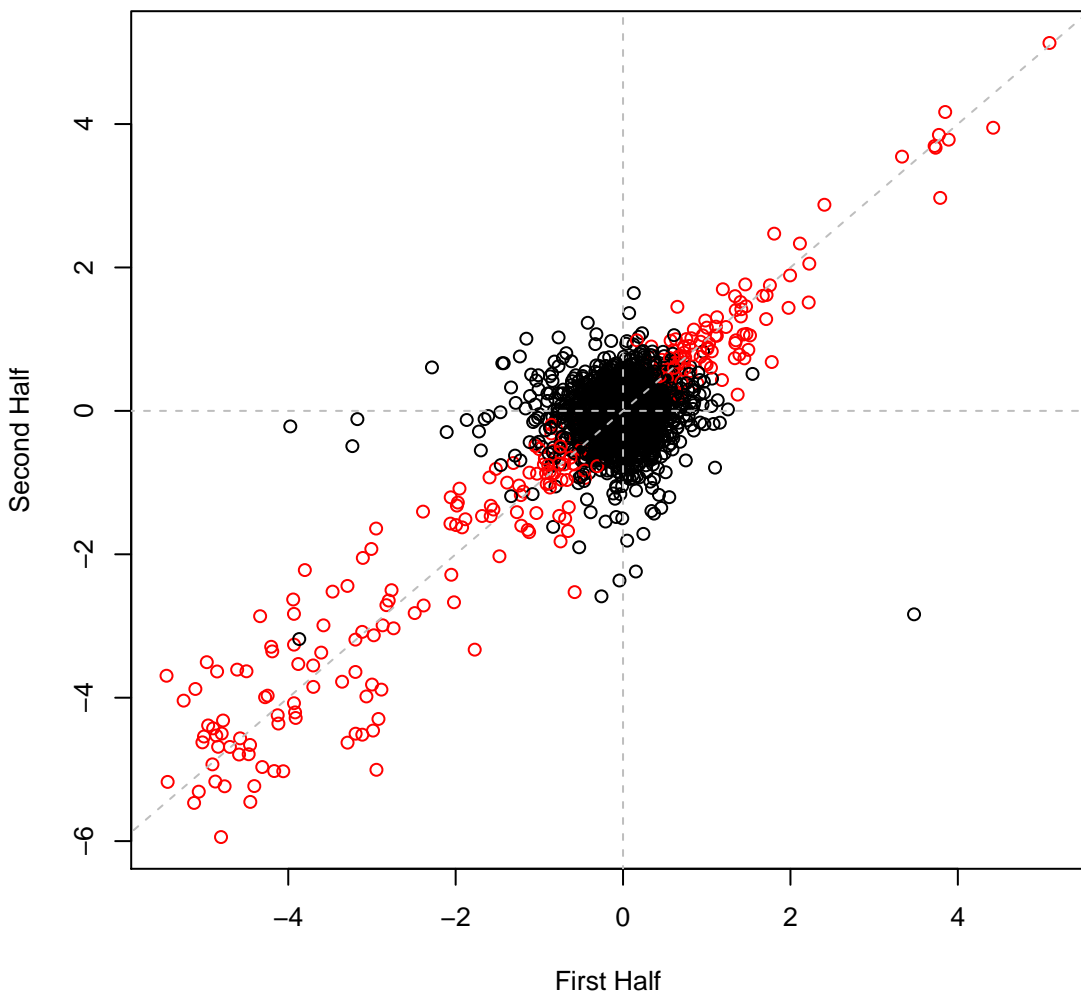
**Phaeo set8IT074 #378 (gMed=130 rho12=0.351)**

**Putrescine (N)**



**Phaeo set8IT075 #379 (gMed=170 rho12=0.368)**

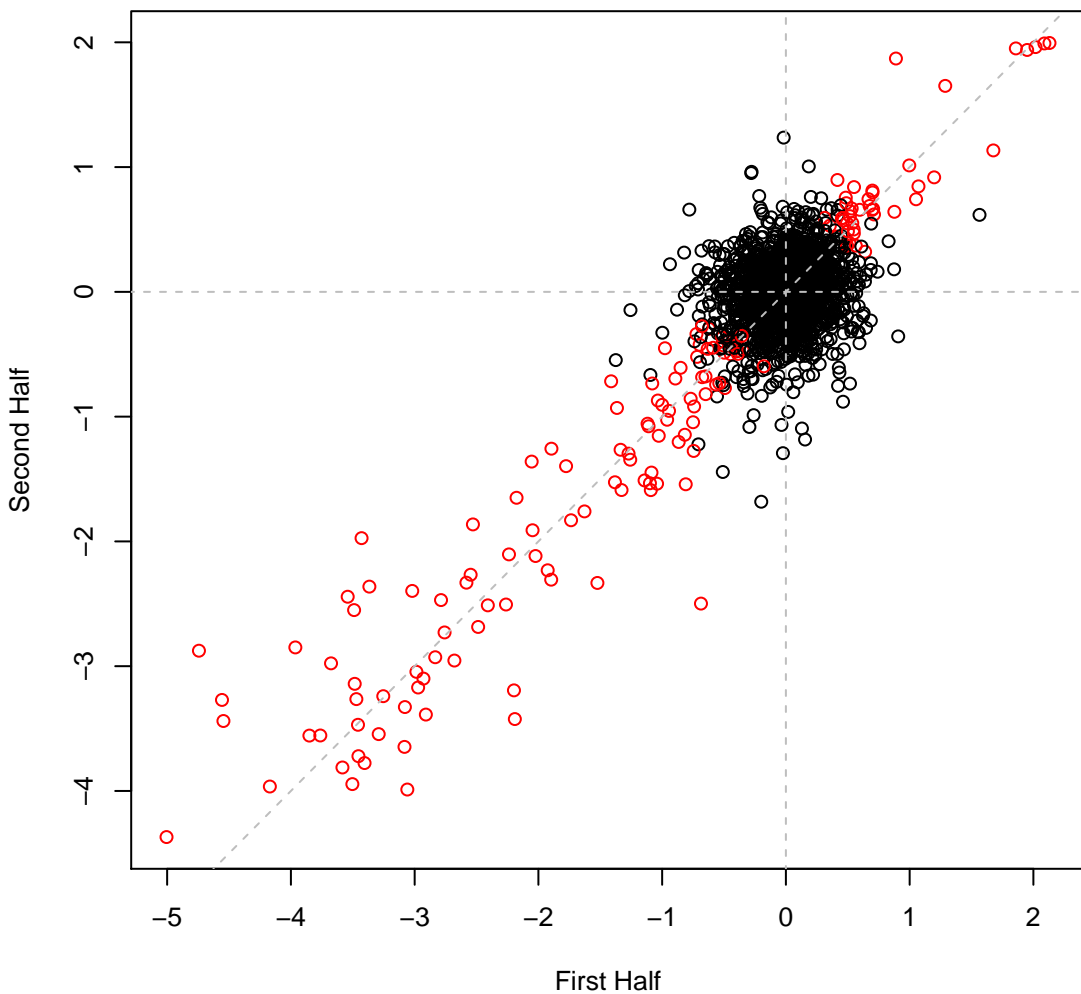
**Adenosine (N)**



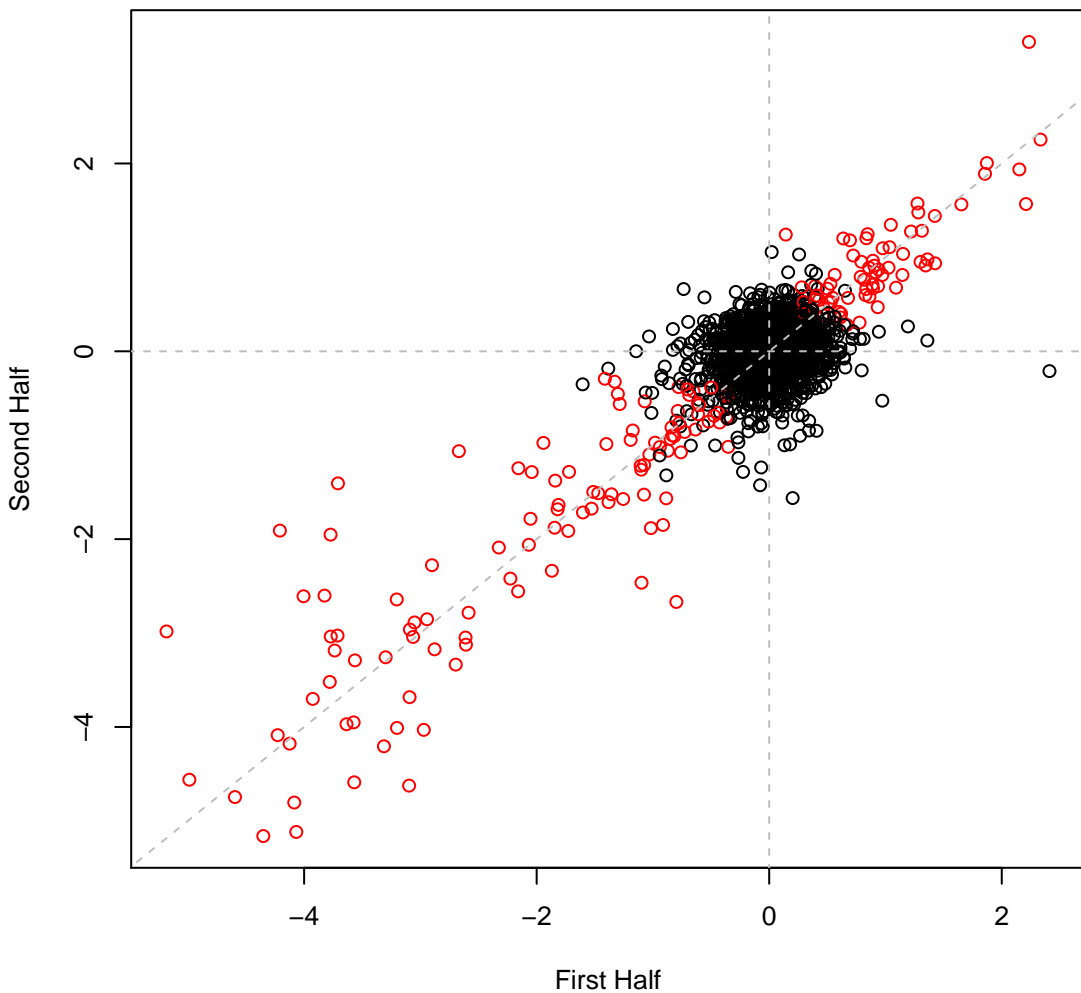


Phaeo set8IT076 #380 (gMed=181 rho12=0.291)

Uridine (N)

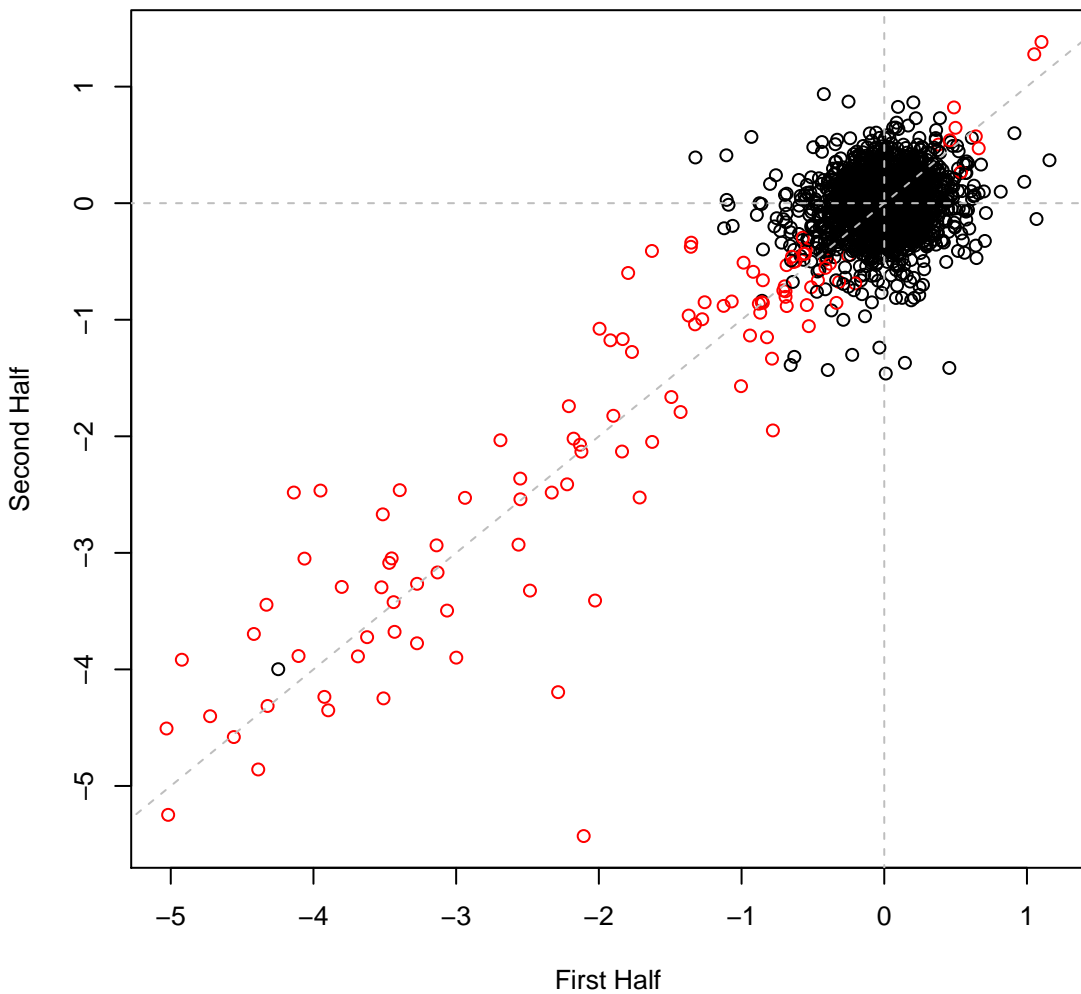


**Phaeo set8IT077 #381 (gMed=171 rho12=0.326)**  
**Cytidine (N)**



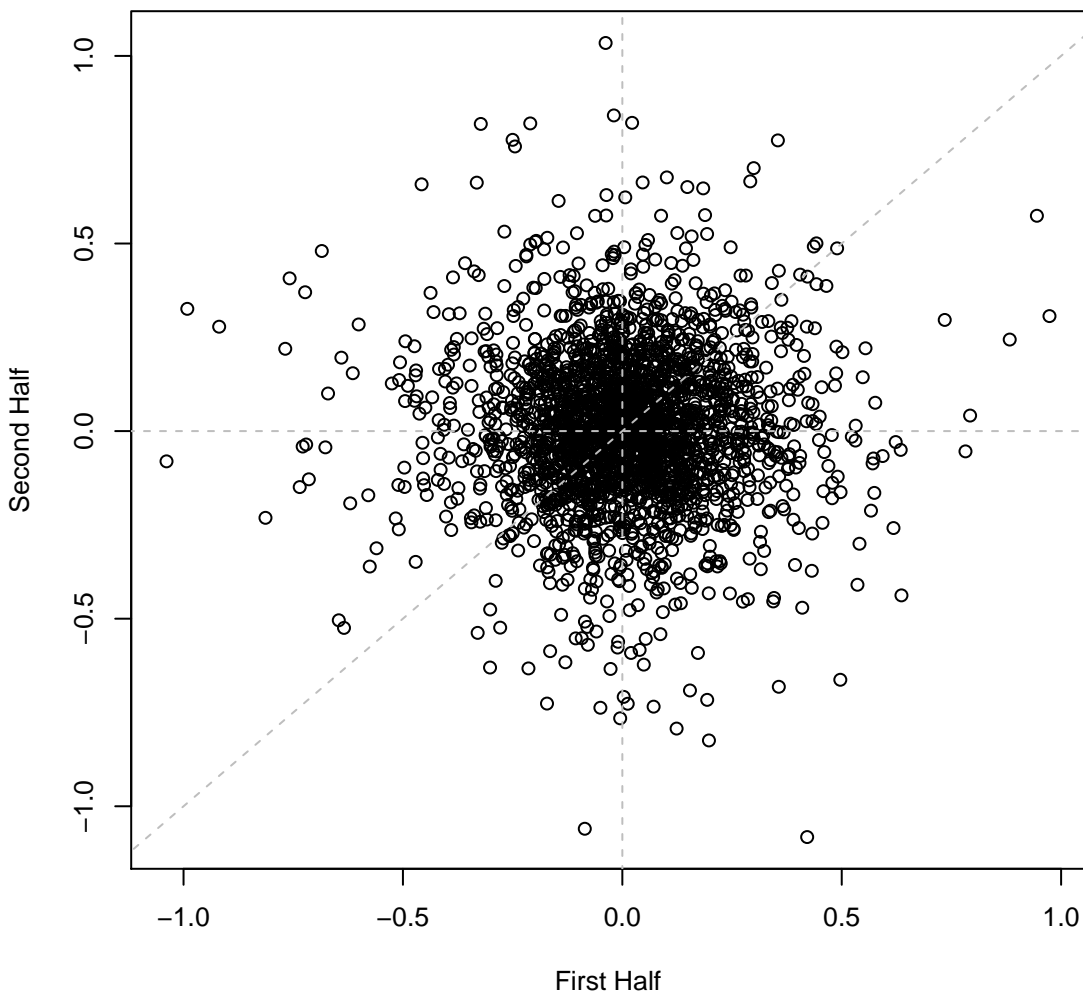
**Phaeo set8IT078 #382 (gMed=178 rho12=0.242)**

**Ammonium chloride (N)**



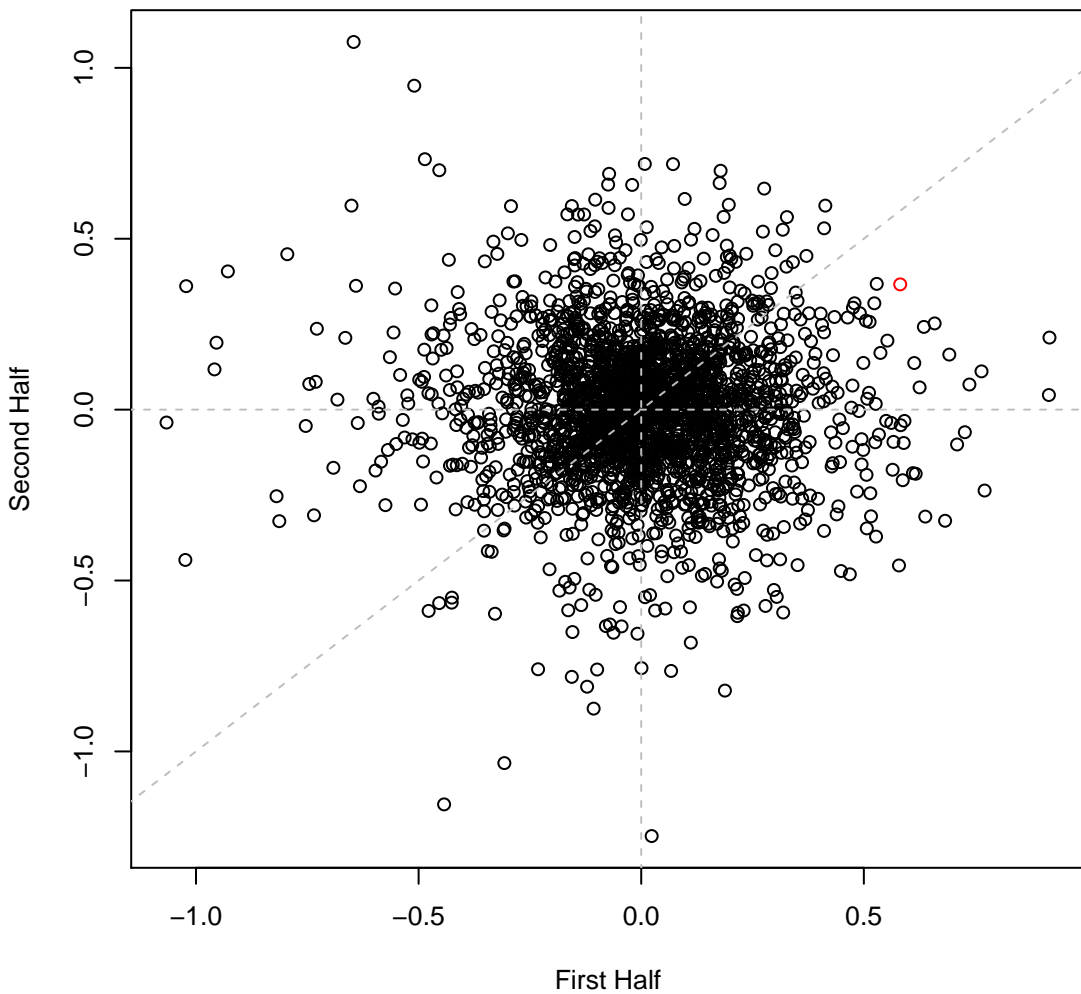
Phaeo set8IT079 #383 (gMed=219 rho12=0.014)

Time0



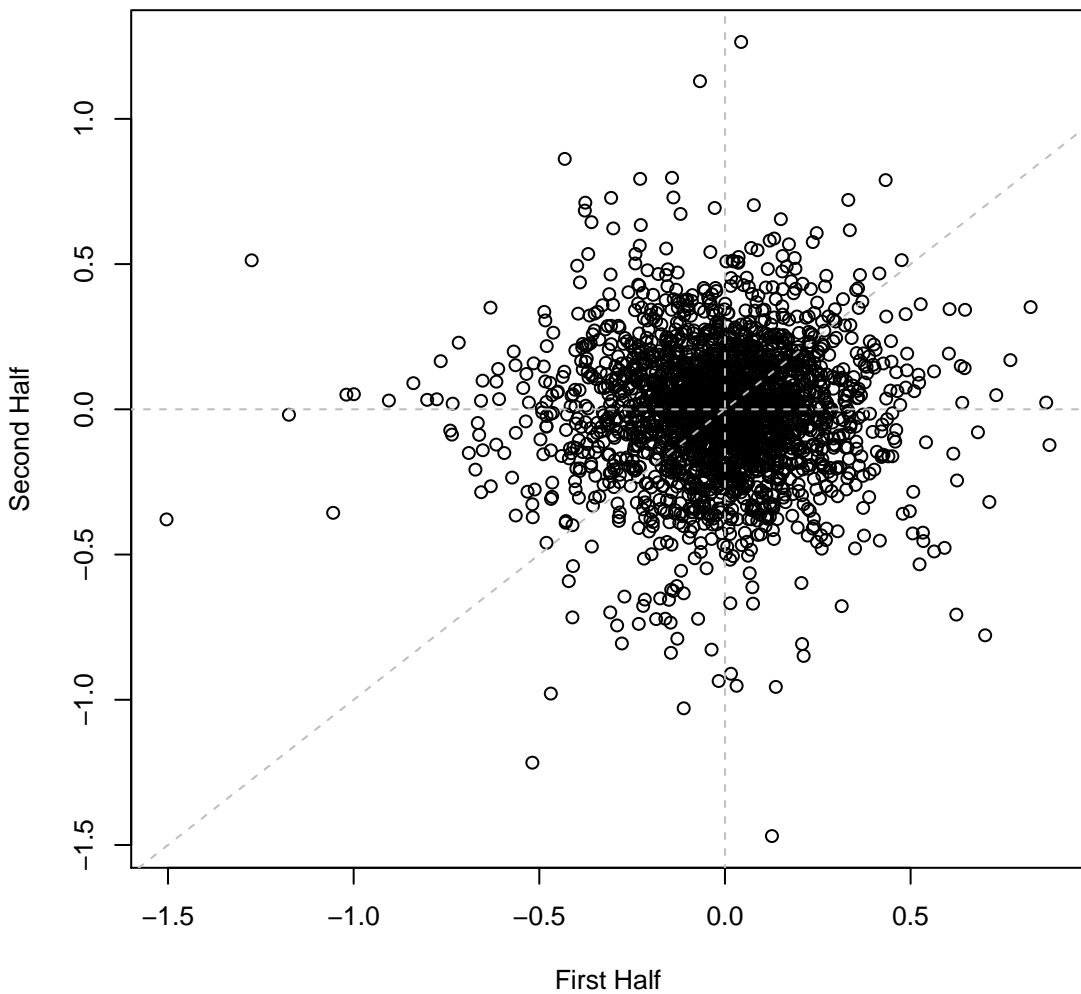
Phaeo set8IT080 #384 (gMed=177 rho12=-0.002)

Time0

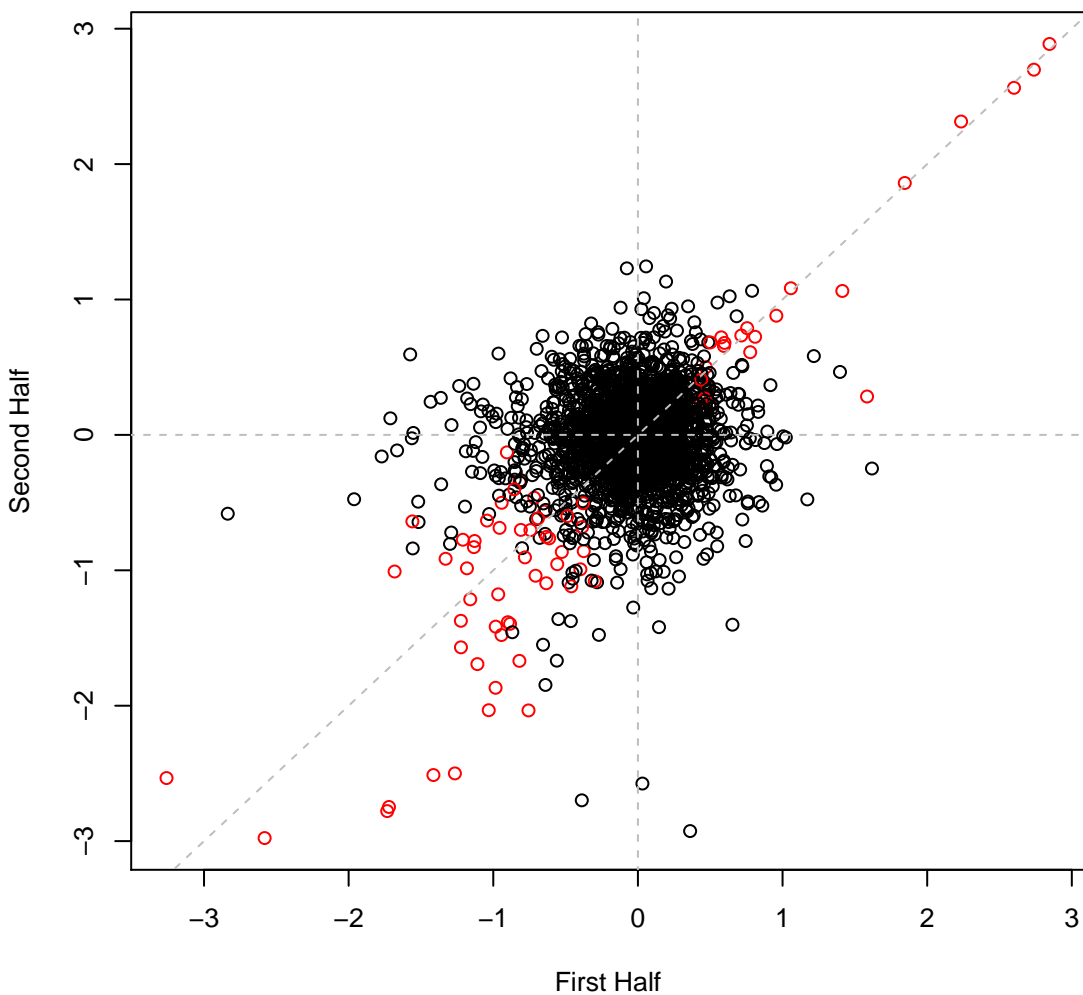


Phaeo set8IT081 #385 (gMed=151 rho12=0.010)

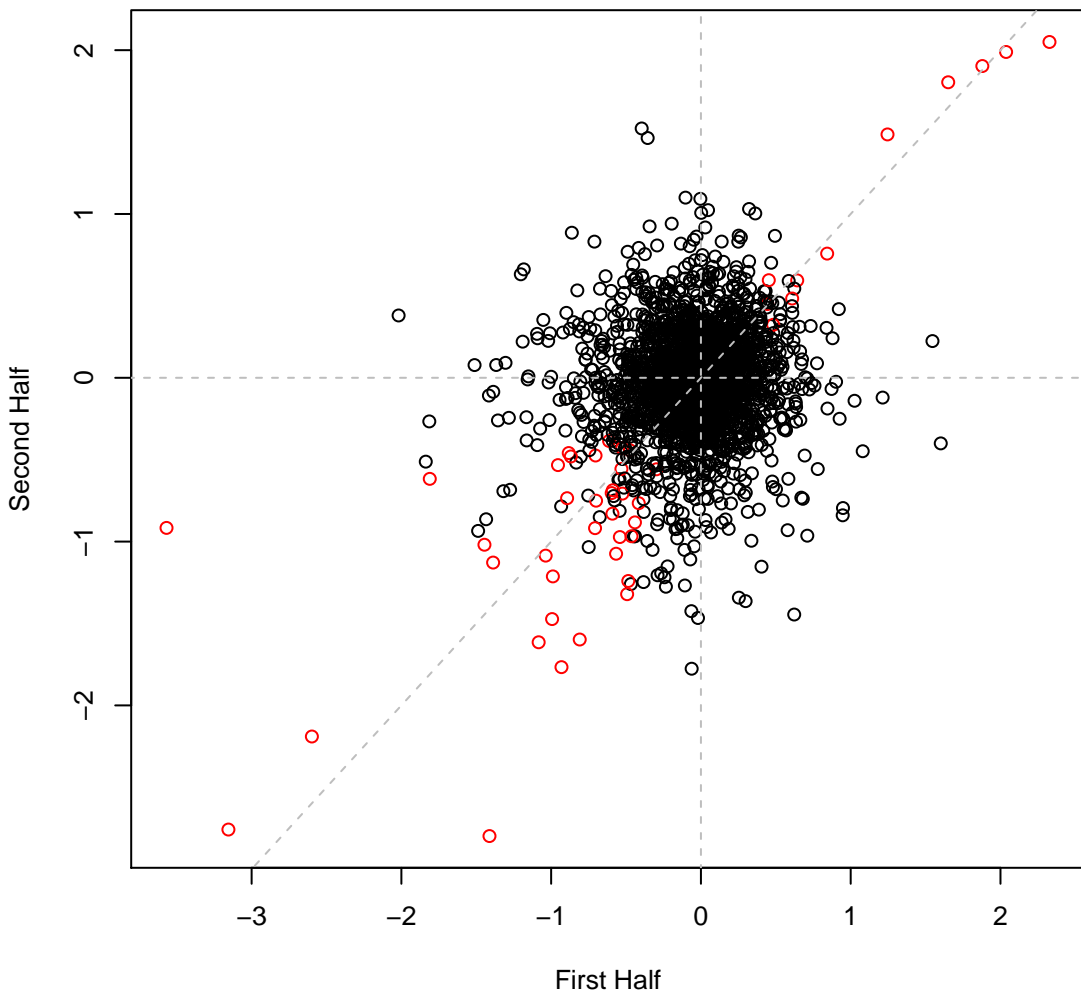
Time0



**Phaeo set8IT082 #386 (gMed=159 rho12=0.117)**  
**m.b. Chloramphenicol 0.00002 mg/ml**



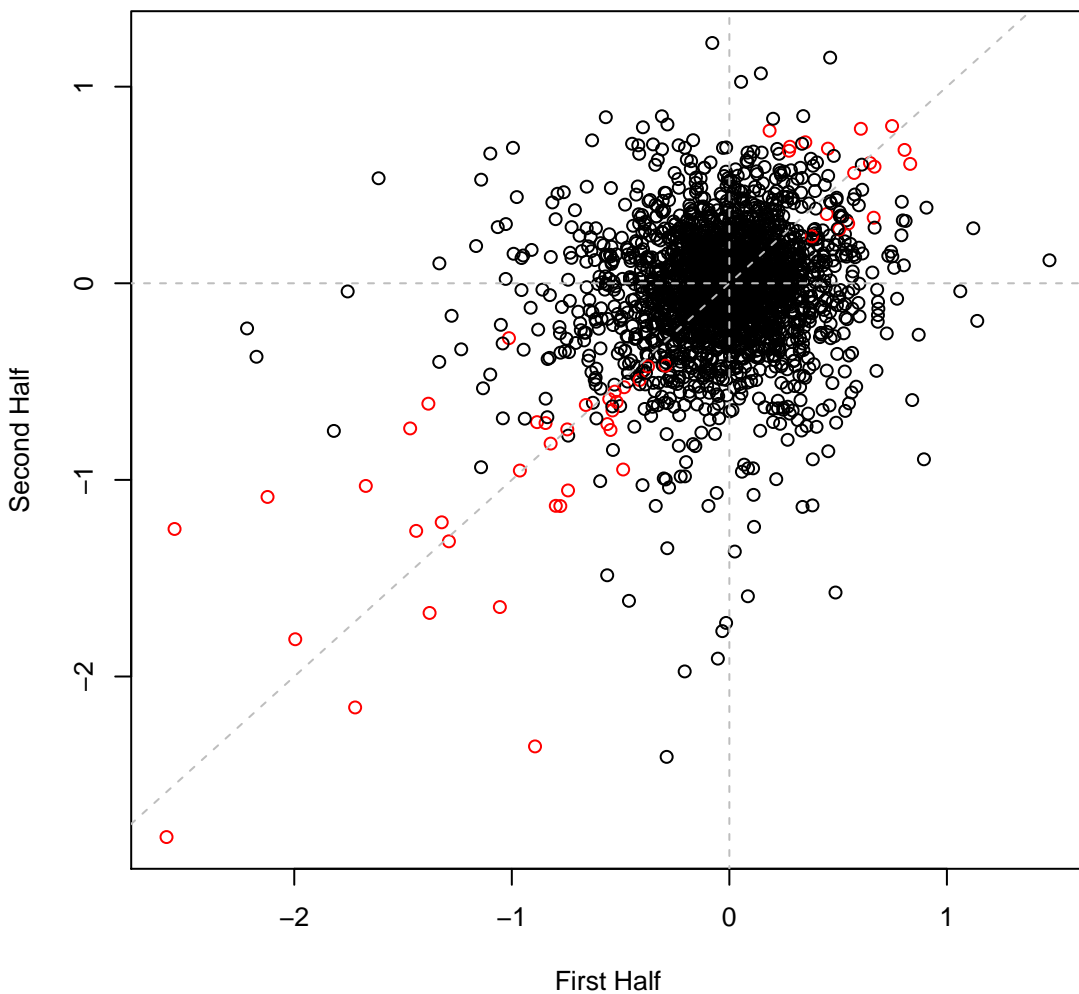
**Phaeo set8IT083 #387 (gMed=181 rho12=0.115)**  
**m.b. Tetracycline 0.00625 mg/ml**



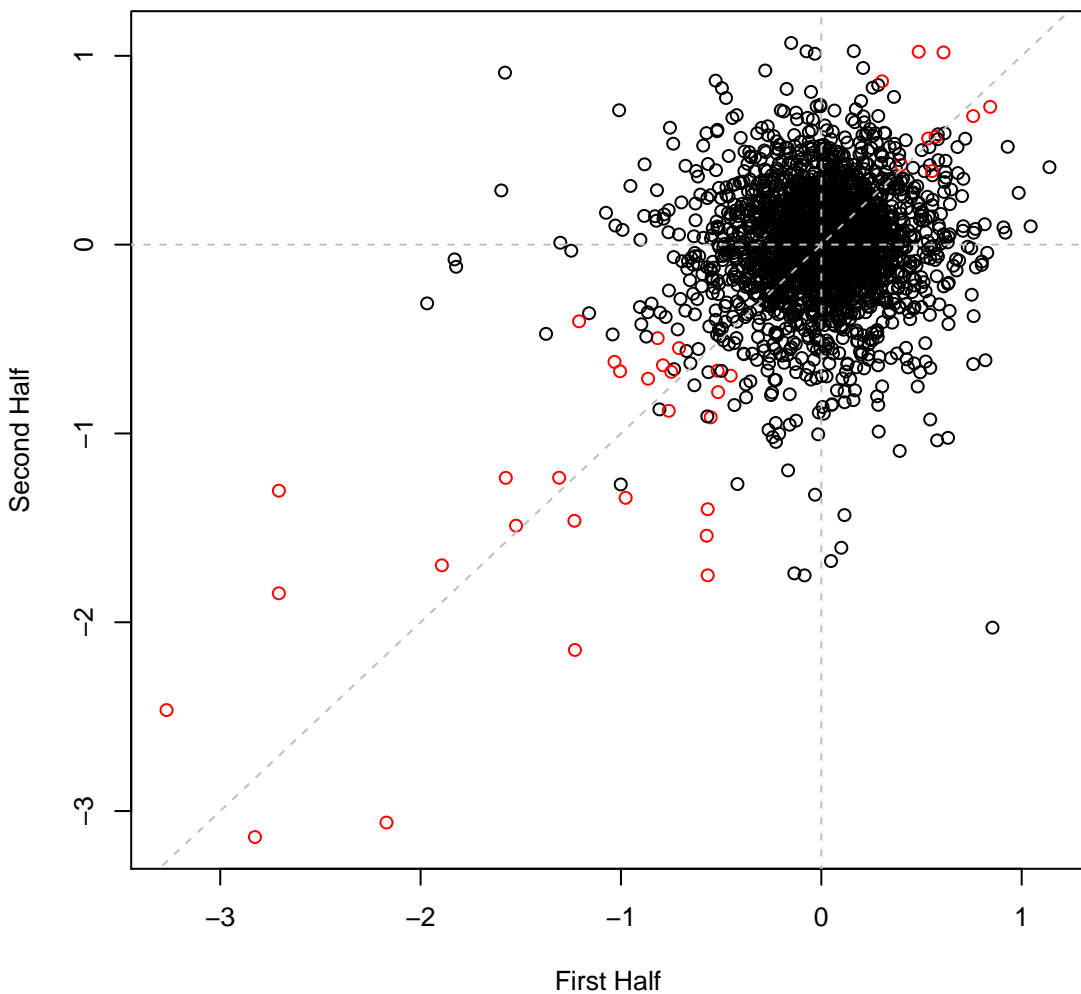


**Phaeo set8IT084 #388 (gMed=165 rho12=0.140)**

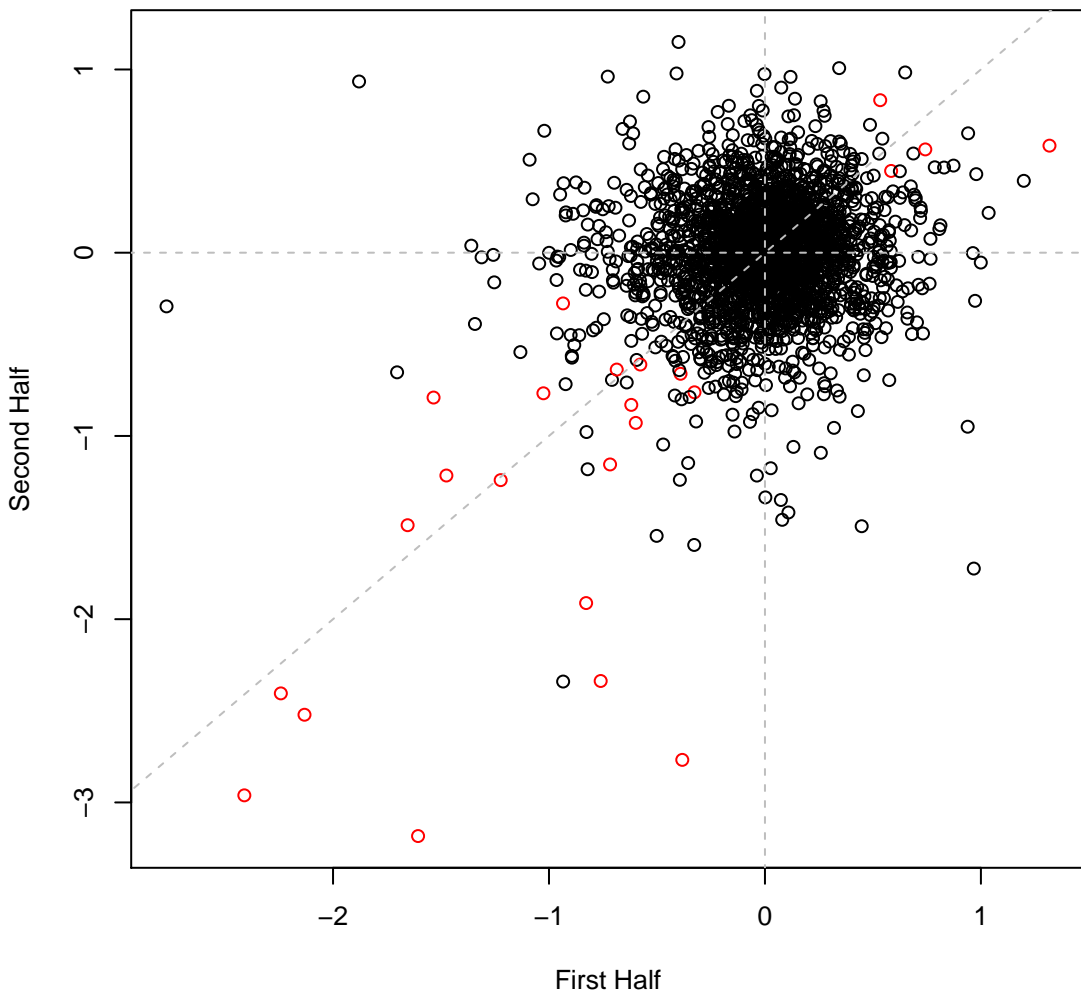
**m.b. 5-Hydroxymethylfurfural 2.5 mM**



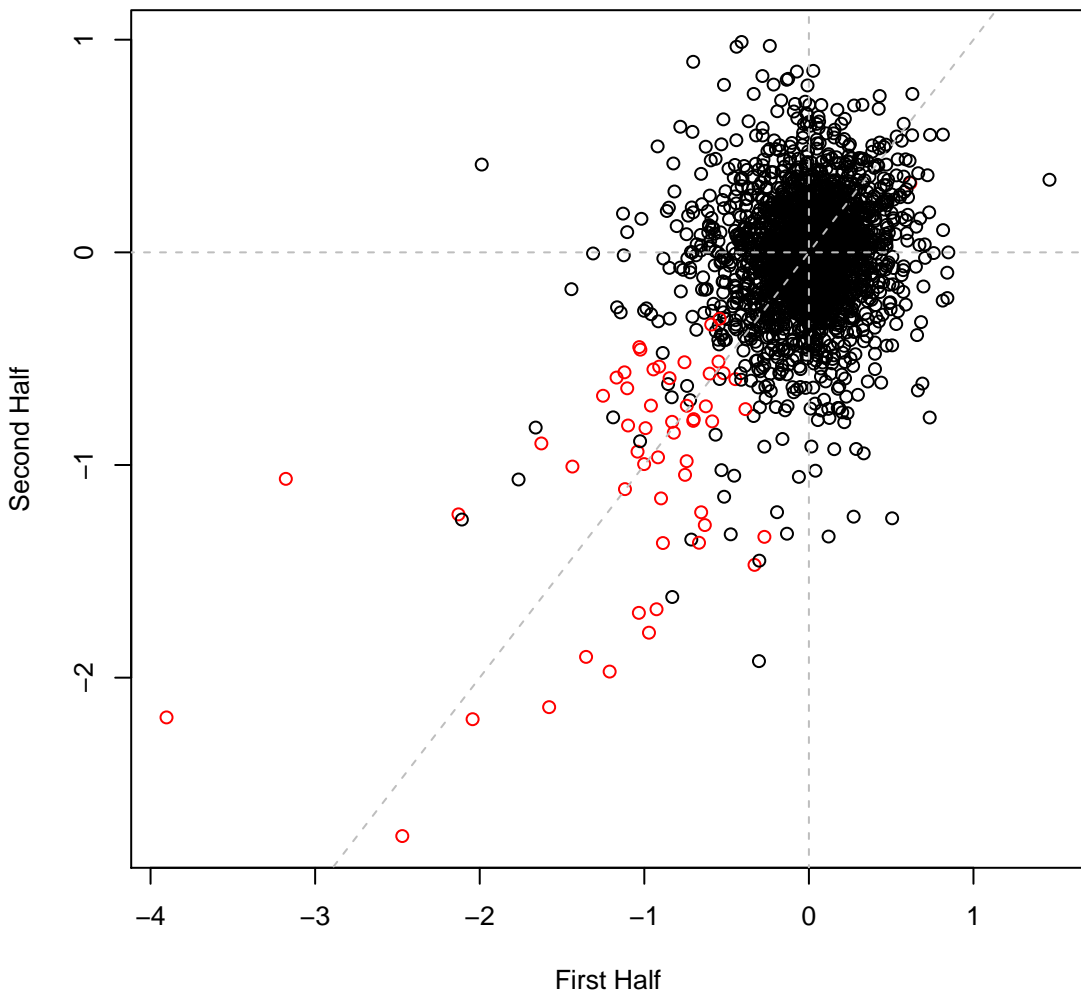
**Phaeo set8IT085 #389 (gMed=158 rho12=0.096)**  
**m.b. Vanillin 1.25 mM**



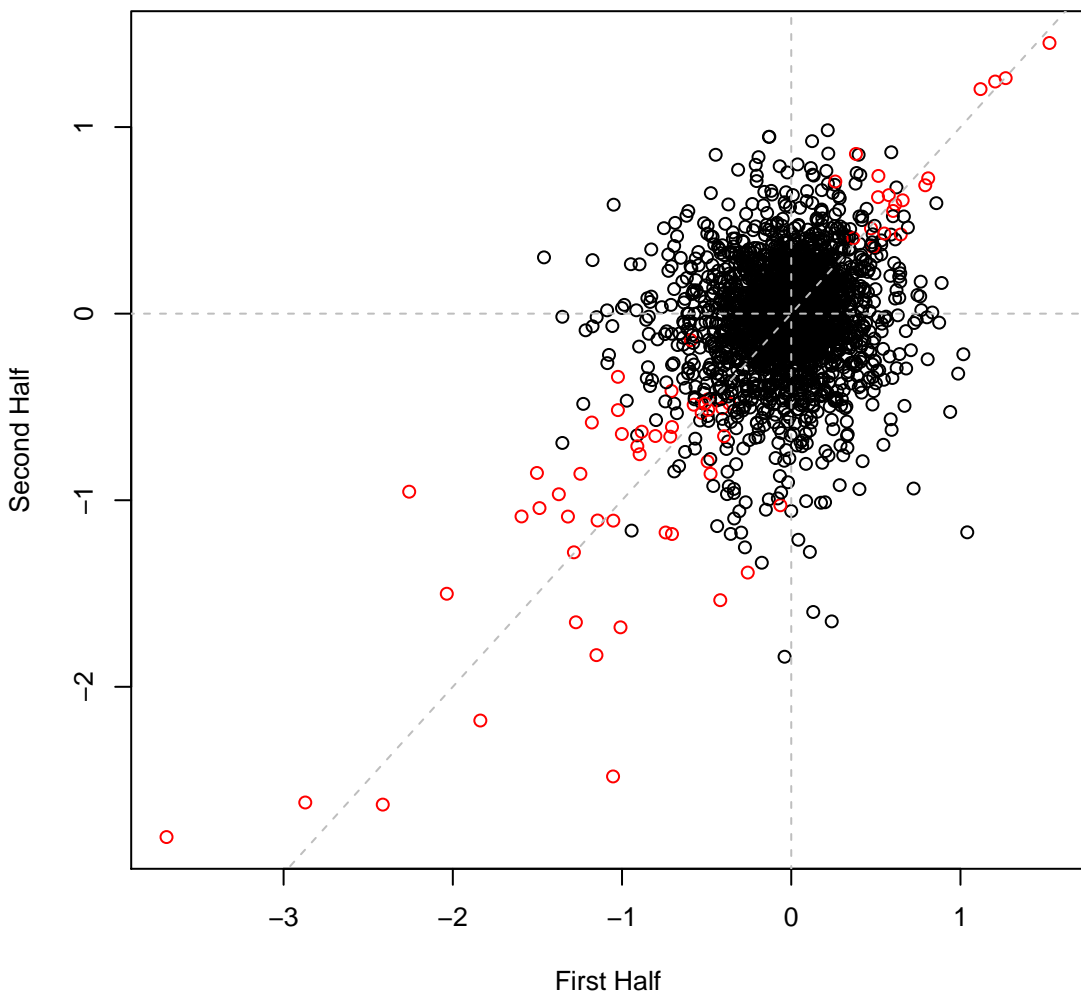
**Phaeo set8IT086 #390 (gMed=167 rho12=0.090)**  
**m.b. Vanillin 2.5 mM**



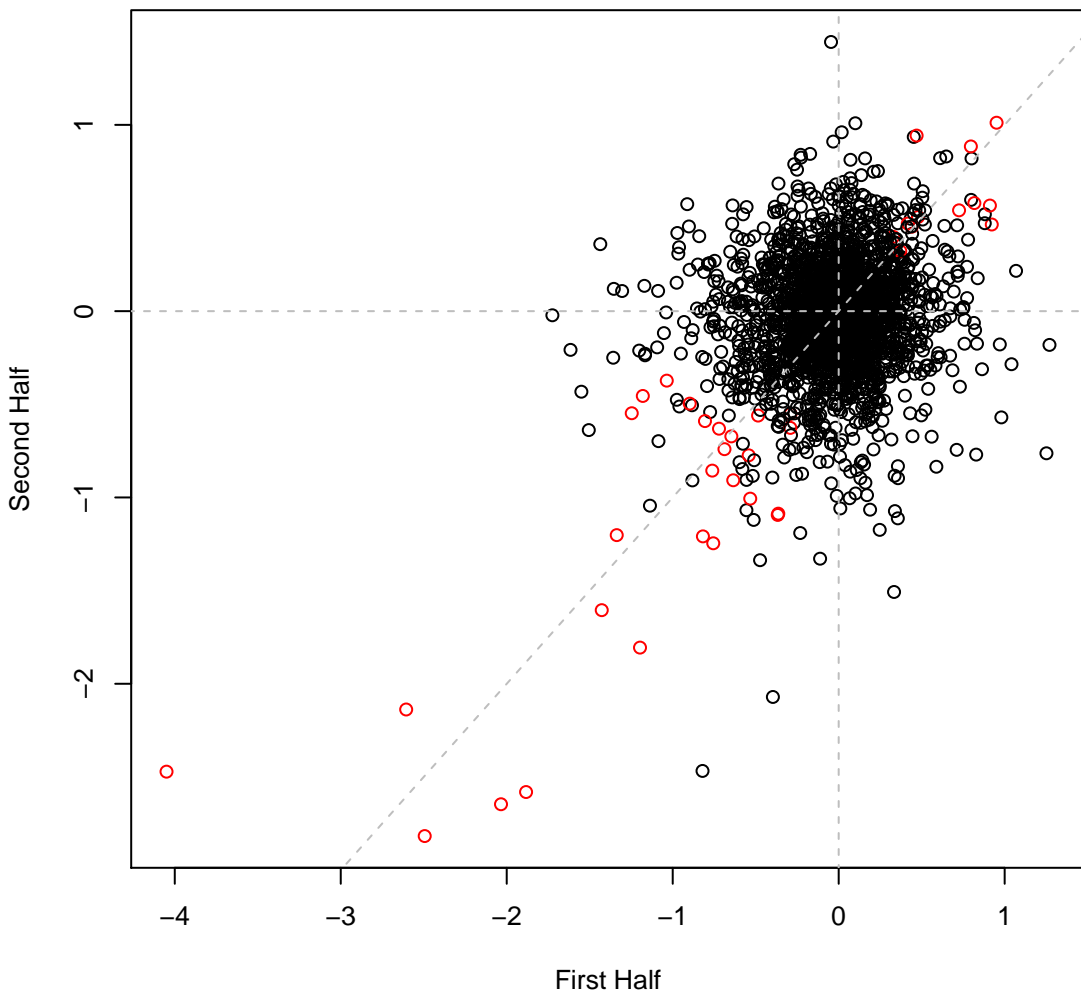
**Phaeo set8IT087 #391 (gMed=210 rho12=0.173)**  
**m.b. syringaldehyde 2 mM**



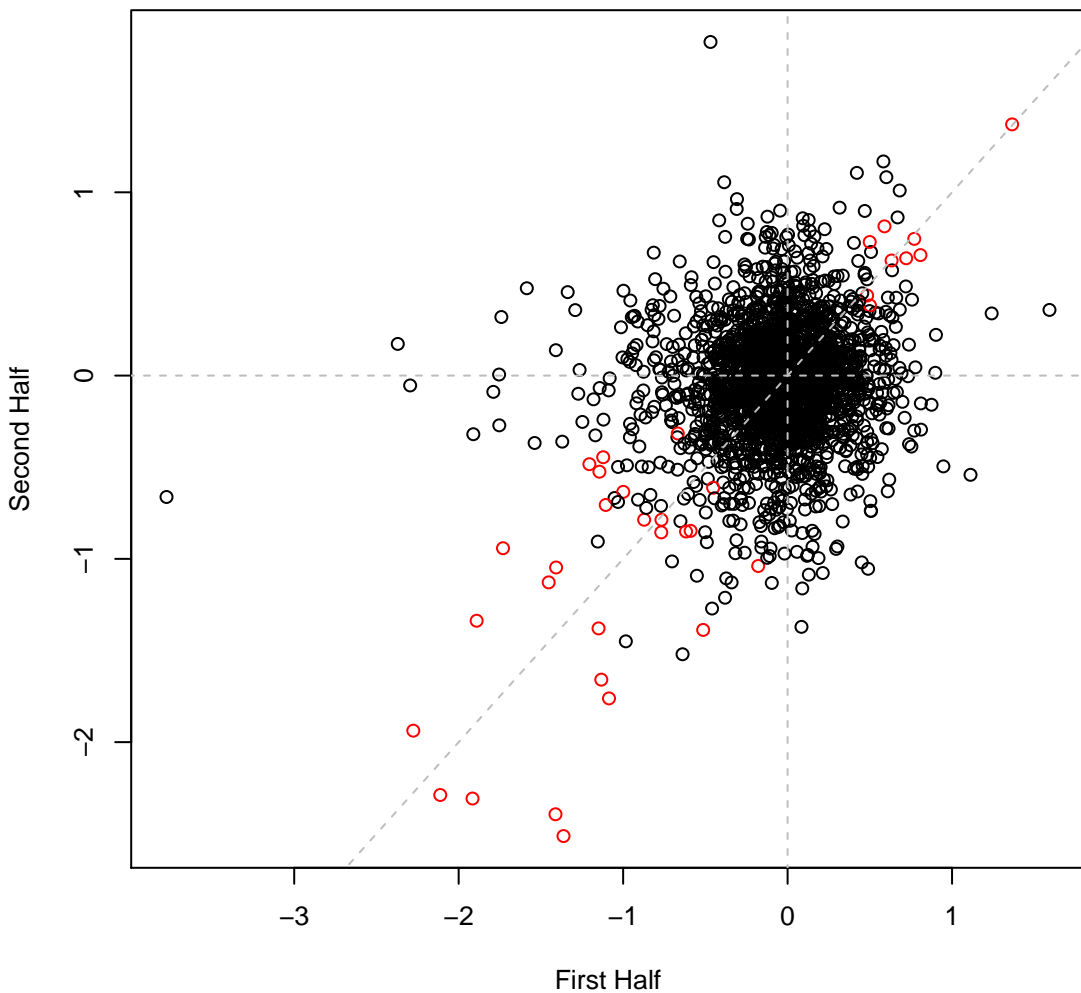
**Phaeo set8IT088 #392 (gMed=146 rho12=0.176)**  
**marine broth**



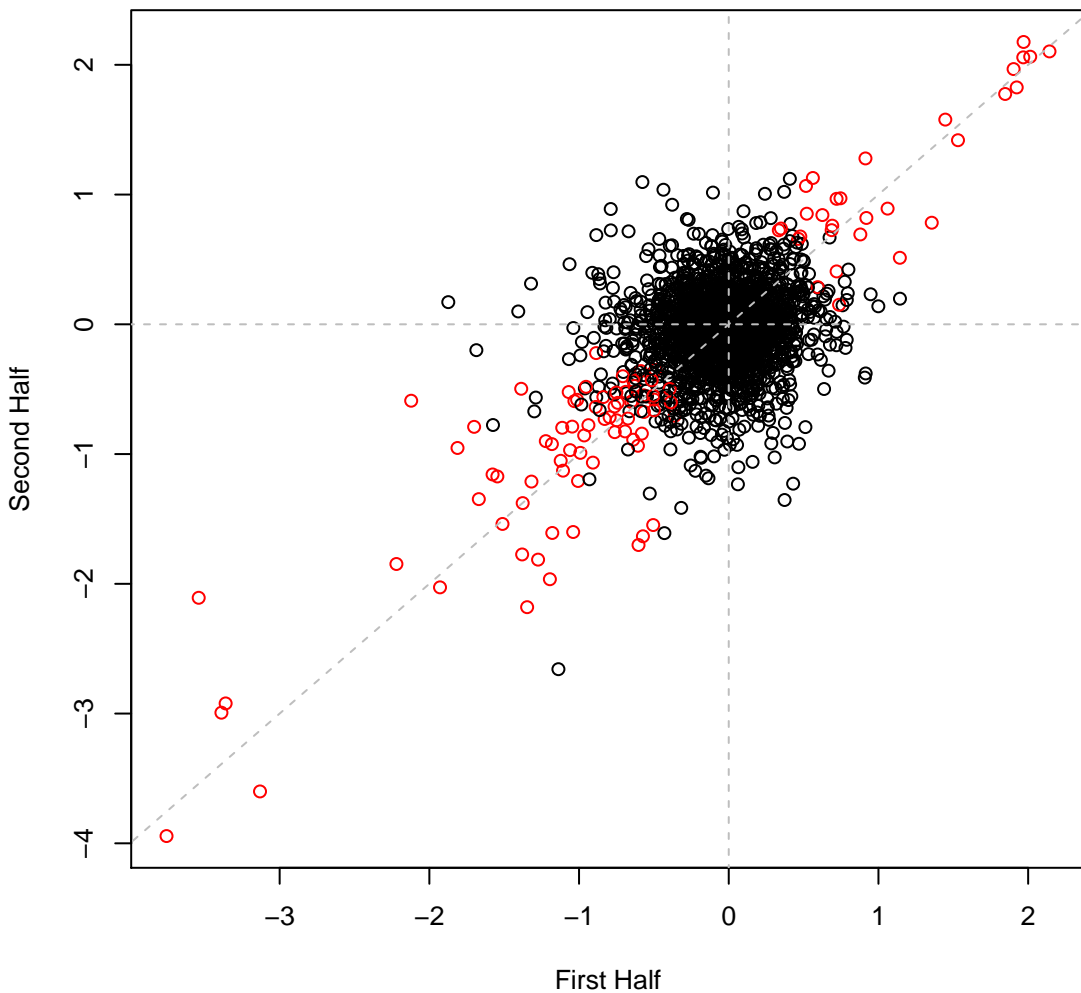
**Phaeo set8IT089 #393 (gMed=138 rho12=0.131)**  
**m.b. acetate 100 mM**



**Phaeo set8IT090 #394 (gMed=149 rho12=0.112)**  
**m.b. acetate 140 mM**

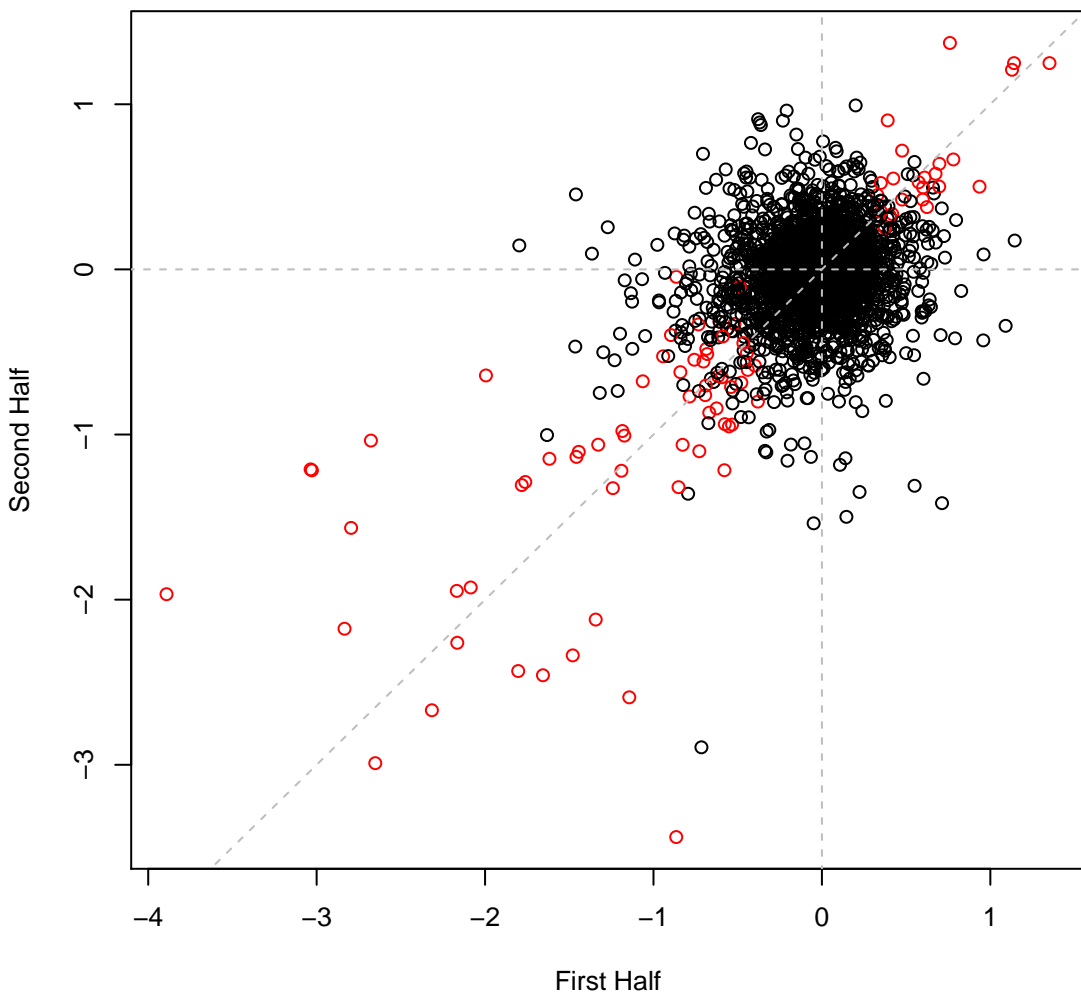


**Phaeo set8IT091 #395 (gMed=168 rho12=0.207)**  
**m.b. 1-ethyl-3-methylimidazolium lysine 1 mM**

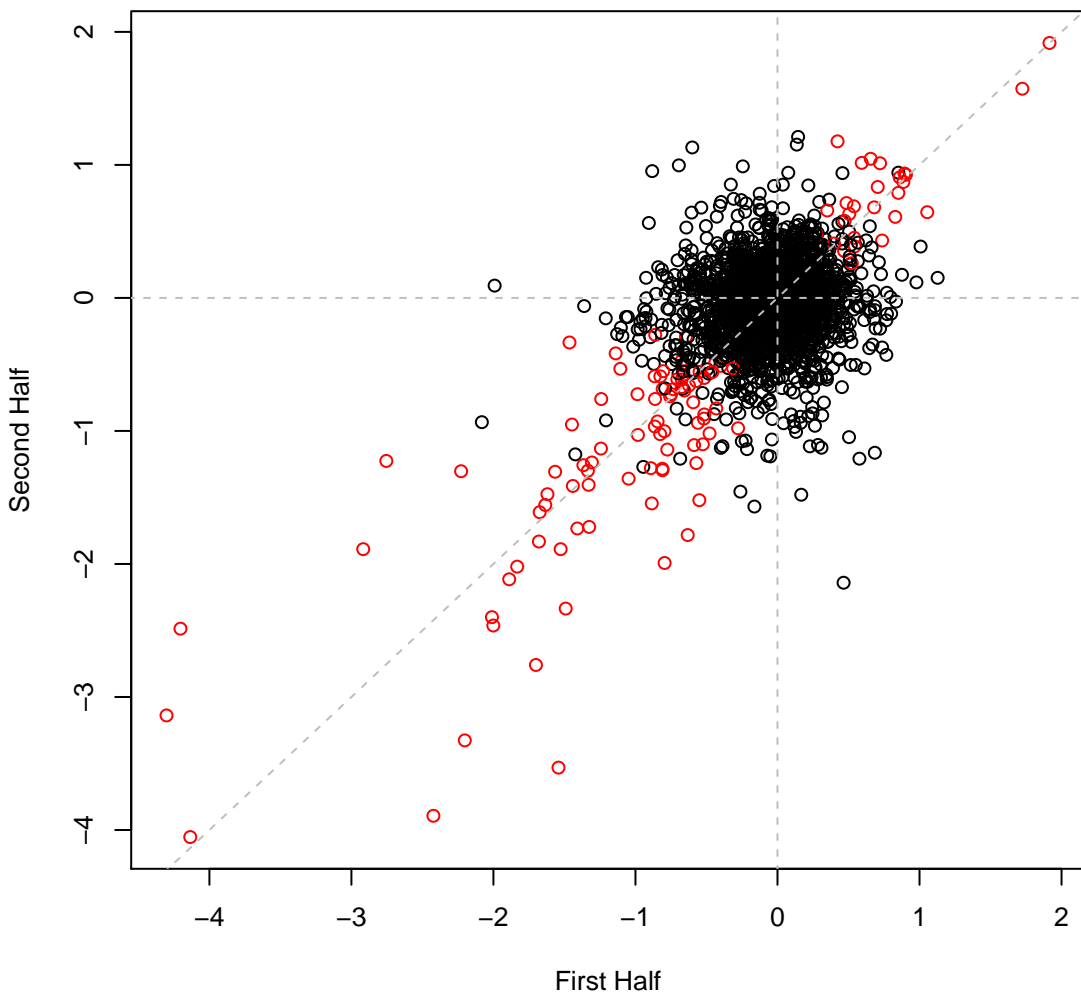




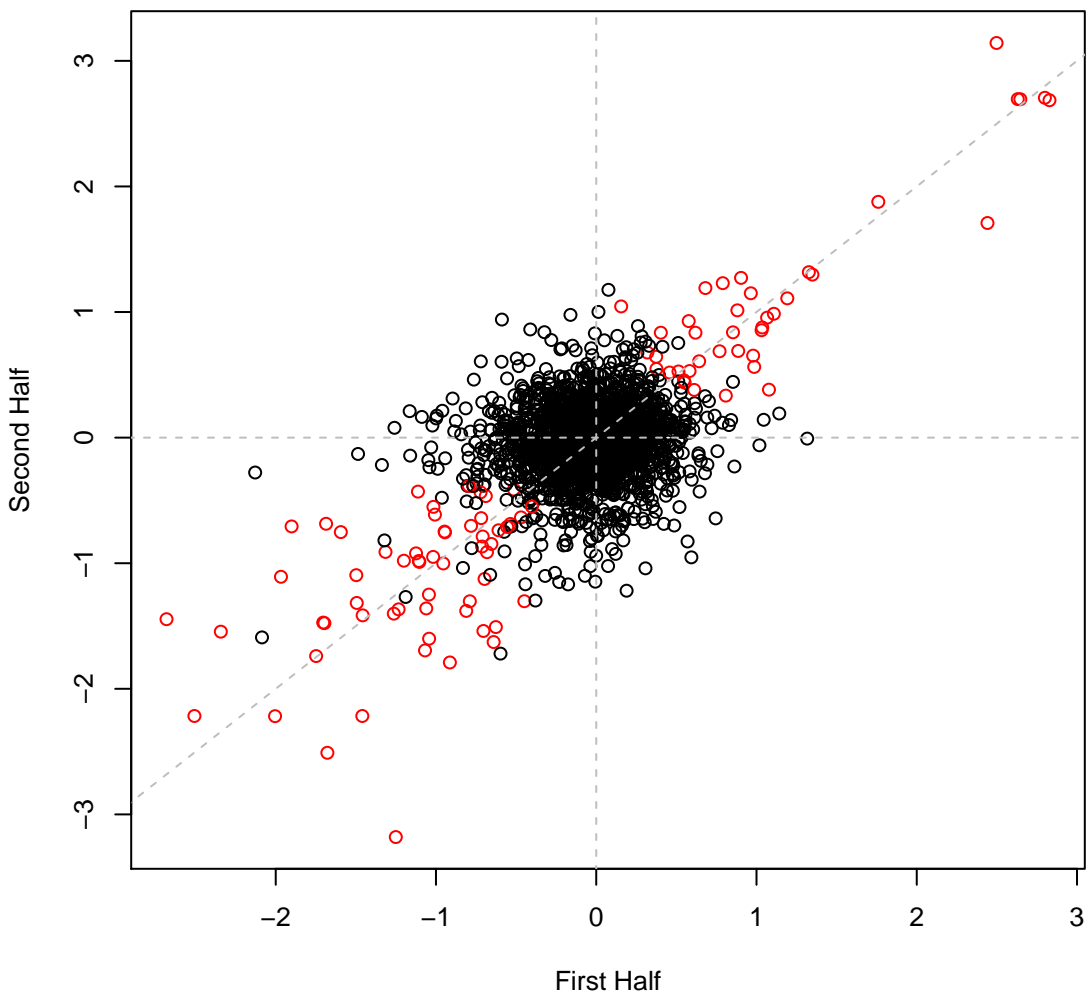
**Phaeo set8IT092 #396 (gMed=173 rho12=0.195)**  
**m.b. 1-ethyl-3-methylimidazolium acetate 10 mM**



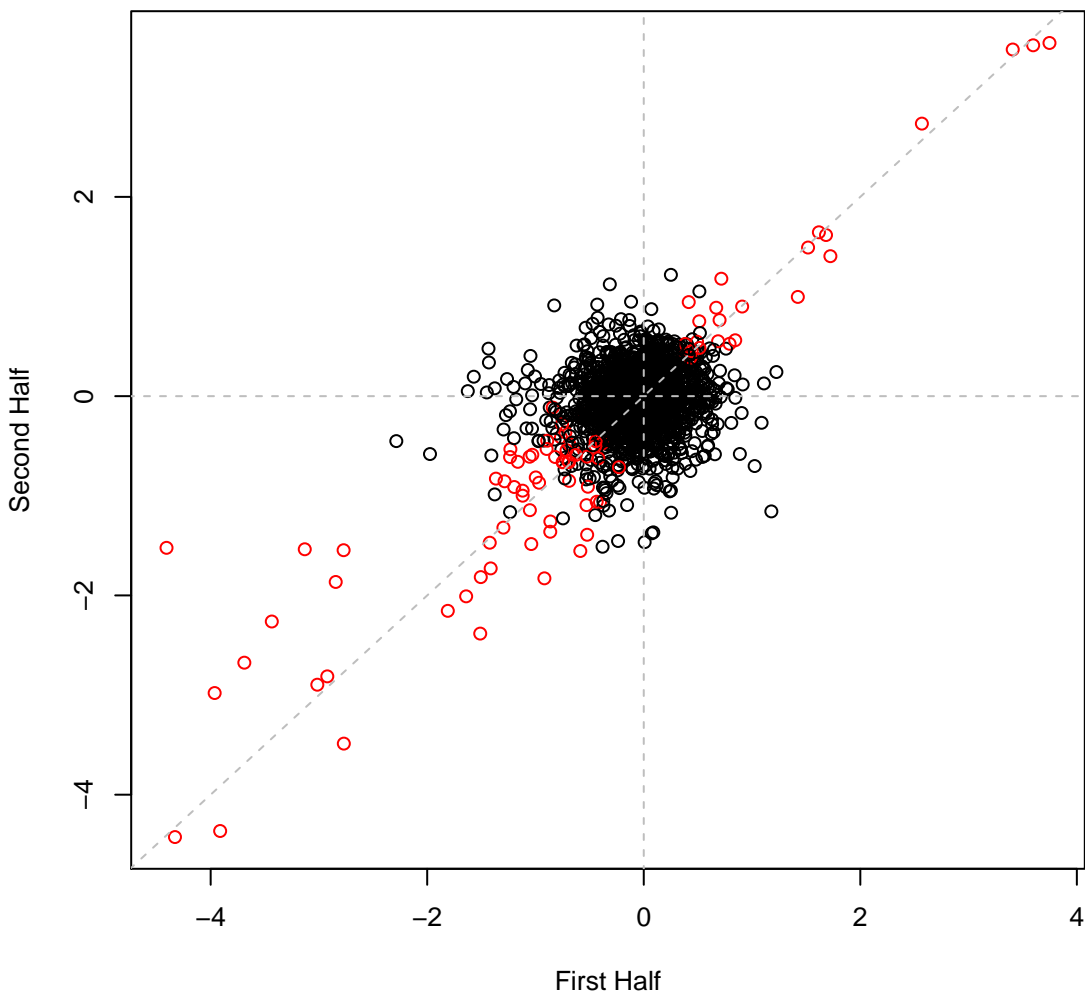
**Phaeo set8IT093 #397 (gMed=174 rho12=0.218)**  
**m.b. 1-ethyl-3-methylimidazolium acetate 20 mM**



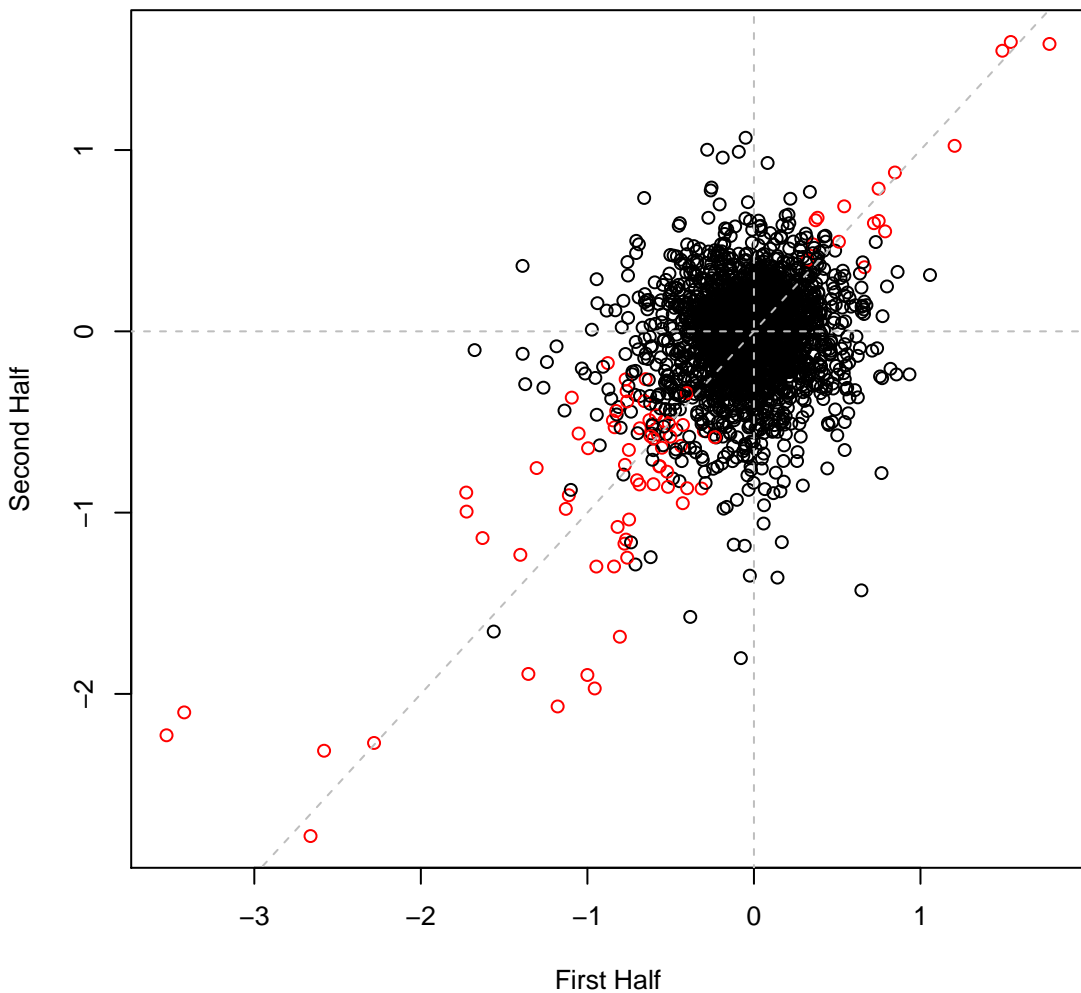
**Phaeo set8IT094 #398 (gMed=175 rho12=0.206)**  
**m.b. 1-ethyl-3-methylimidazolium chloride 5 mM**



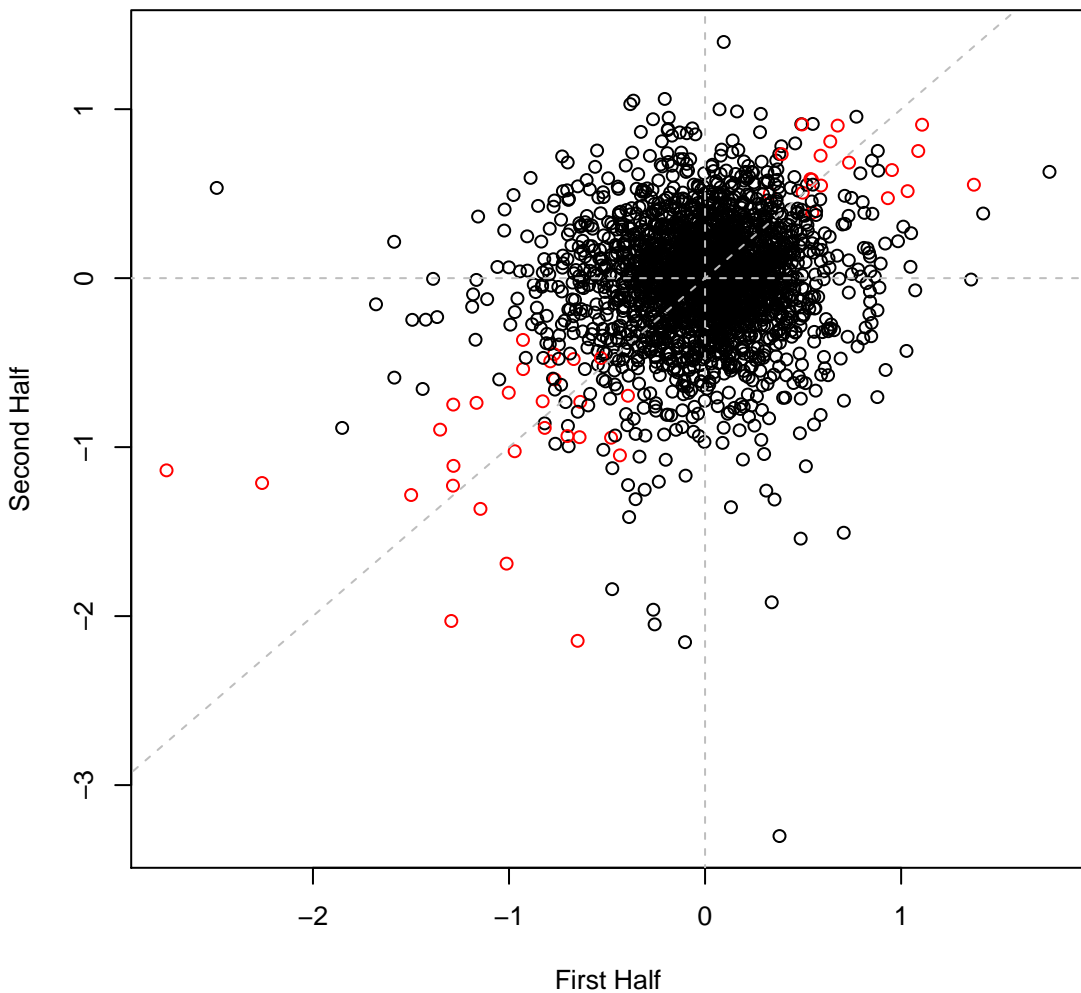
**Phaeo set8IT095 #399 (gMed=195 rho12=0.193)**  
**m.b. Choline Lysine 10 mM**



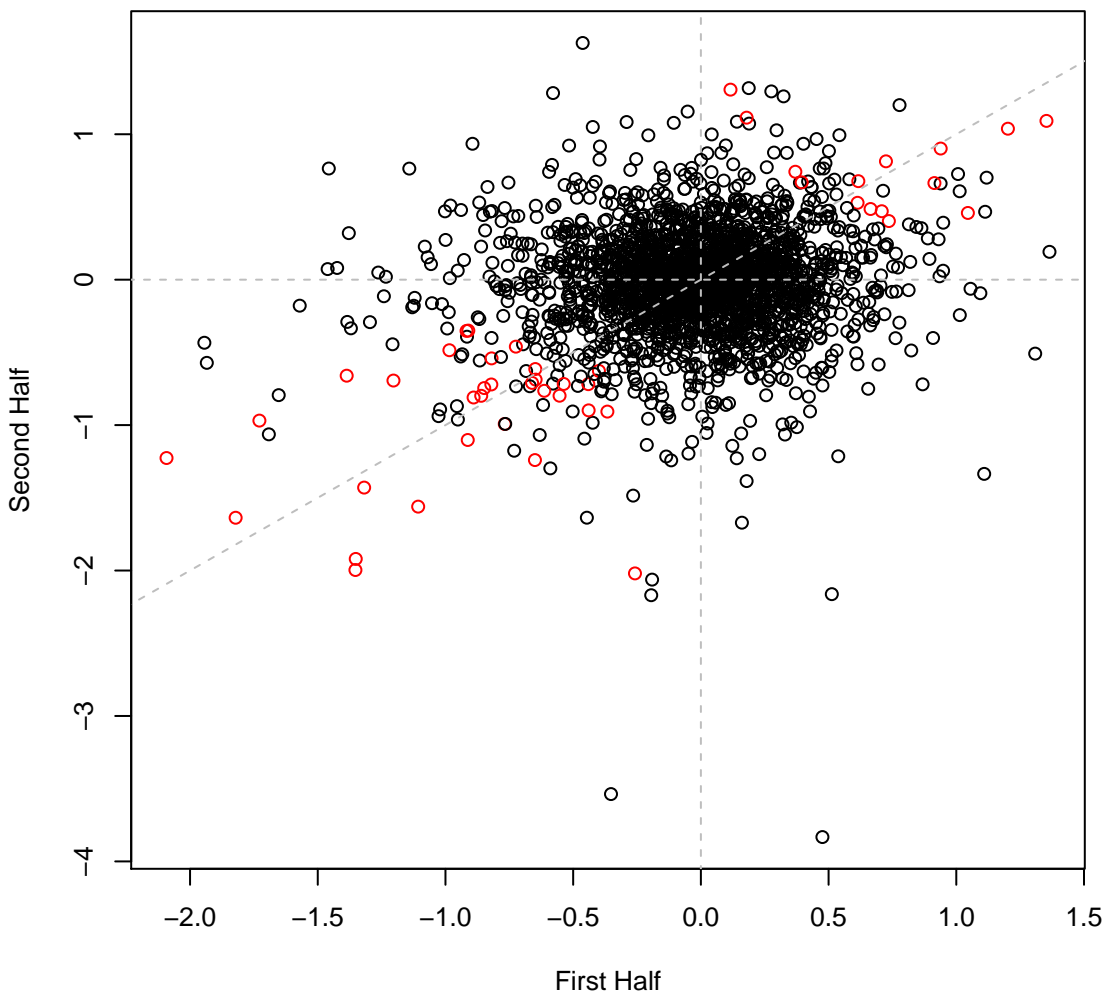
**Phaeo set8IT096 #400 (gMed=183 rho12=0.171)**  
**marine broth**



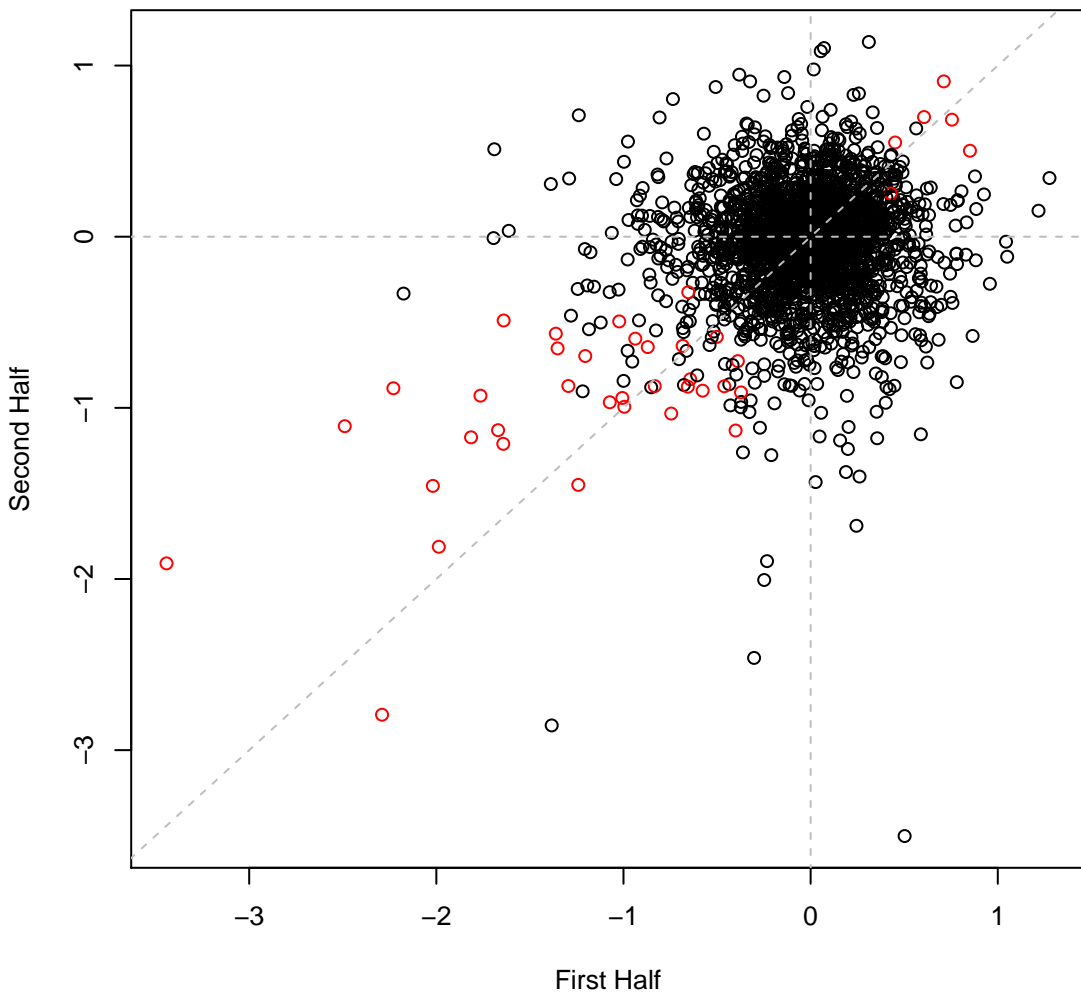
**Phaeo set9IT031 #401 (gMed=256 rho12=0.103)**  
**marine broth pH 6**



**Phaeo set9IT032 #402 (gMed=204 rho12=0.097)**  
**marine broth pH 6**

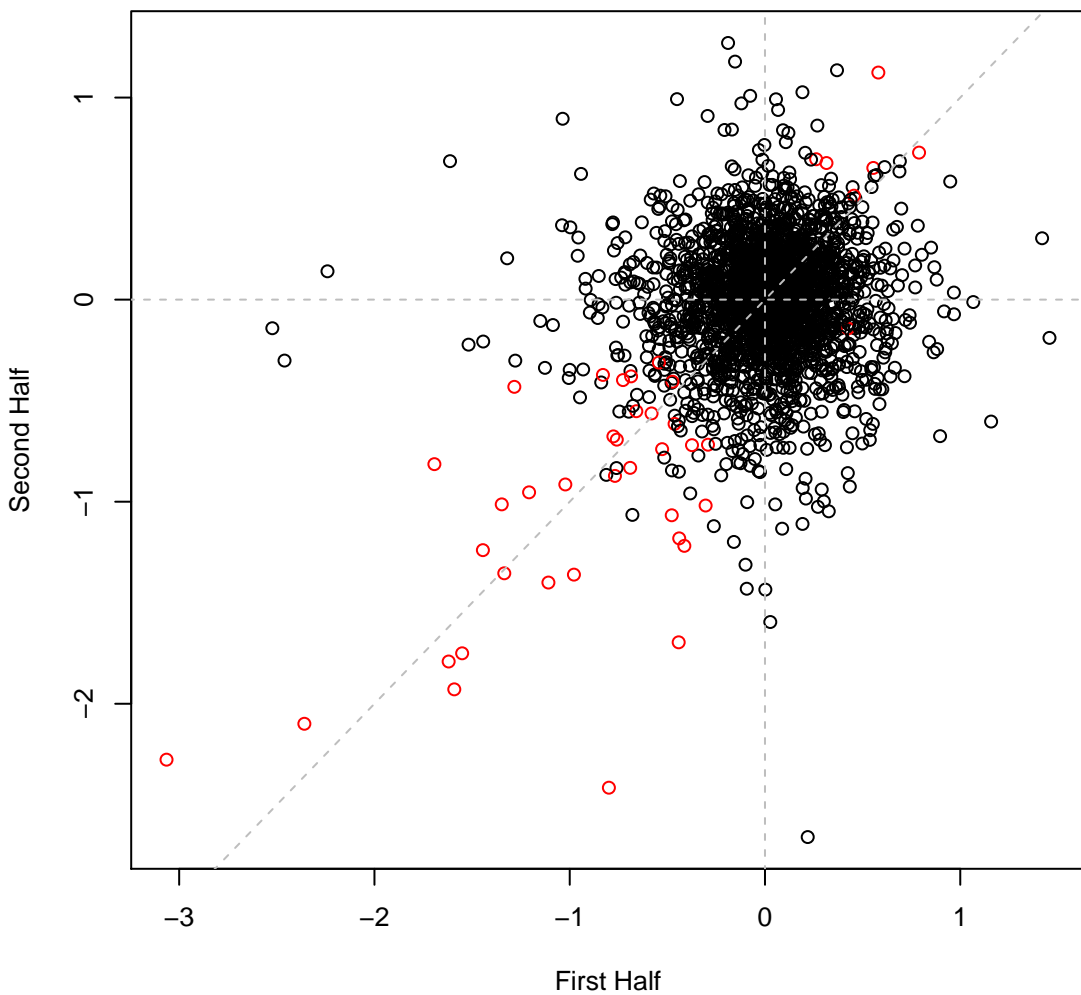


**marine broth pH 6.5**

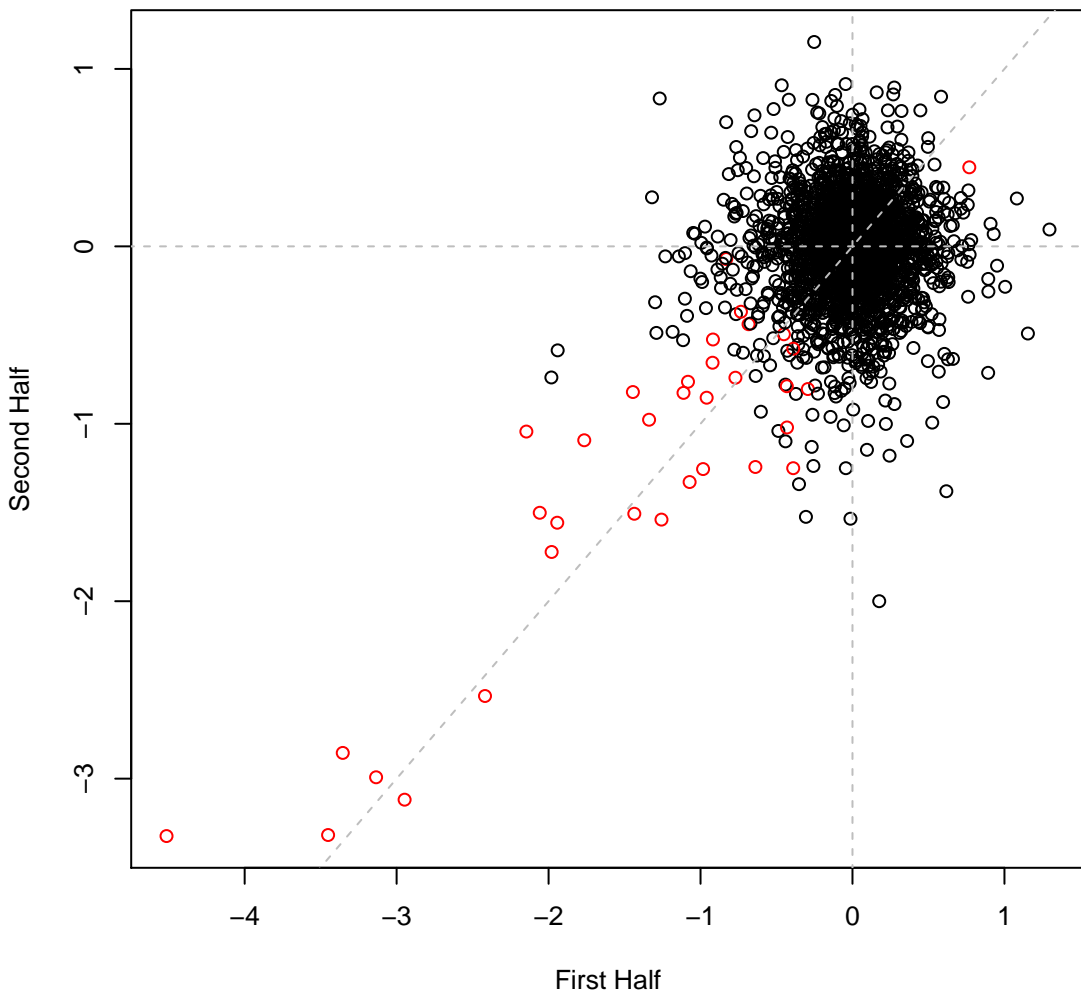




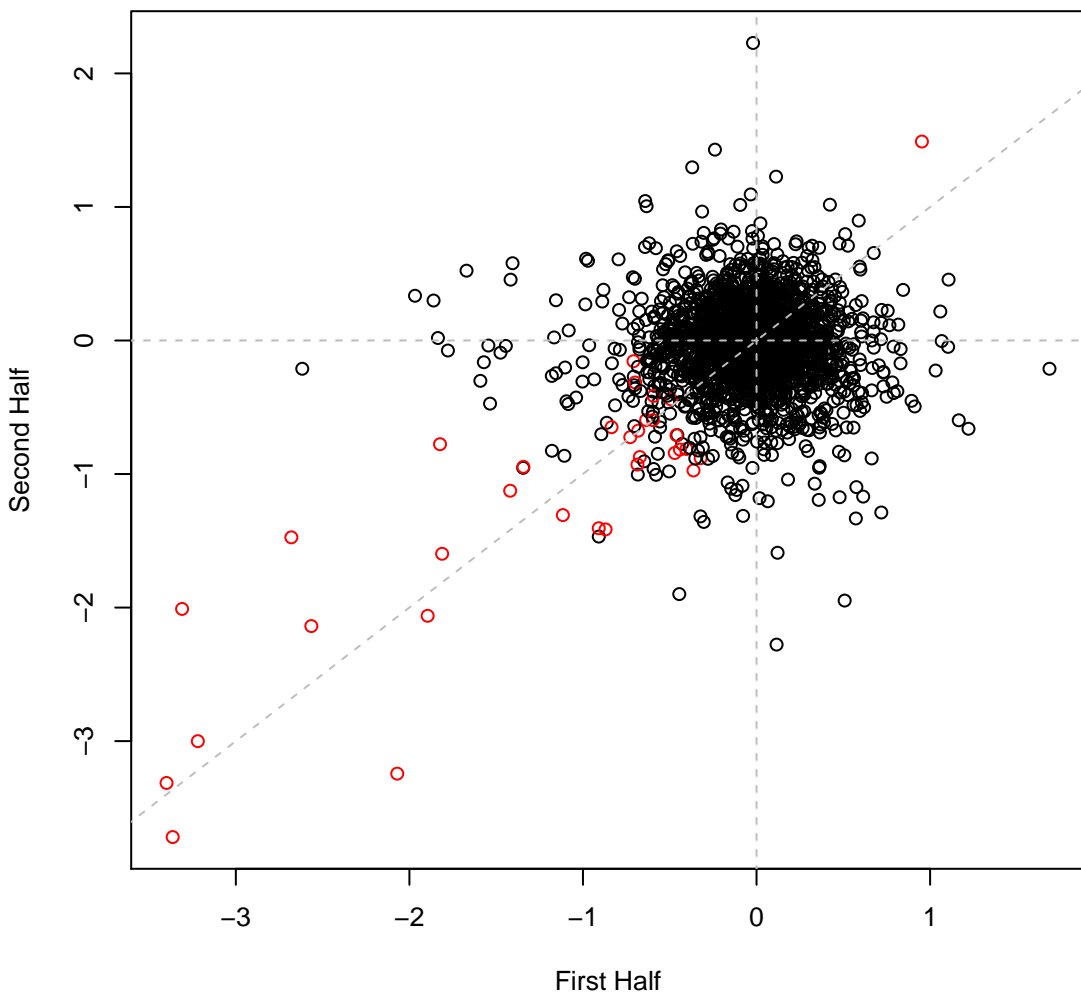
**Phaeo set9IT034 #404 (gMed=263 rho12=0.084)**  
**marine broth pH 6.5**



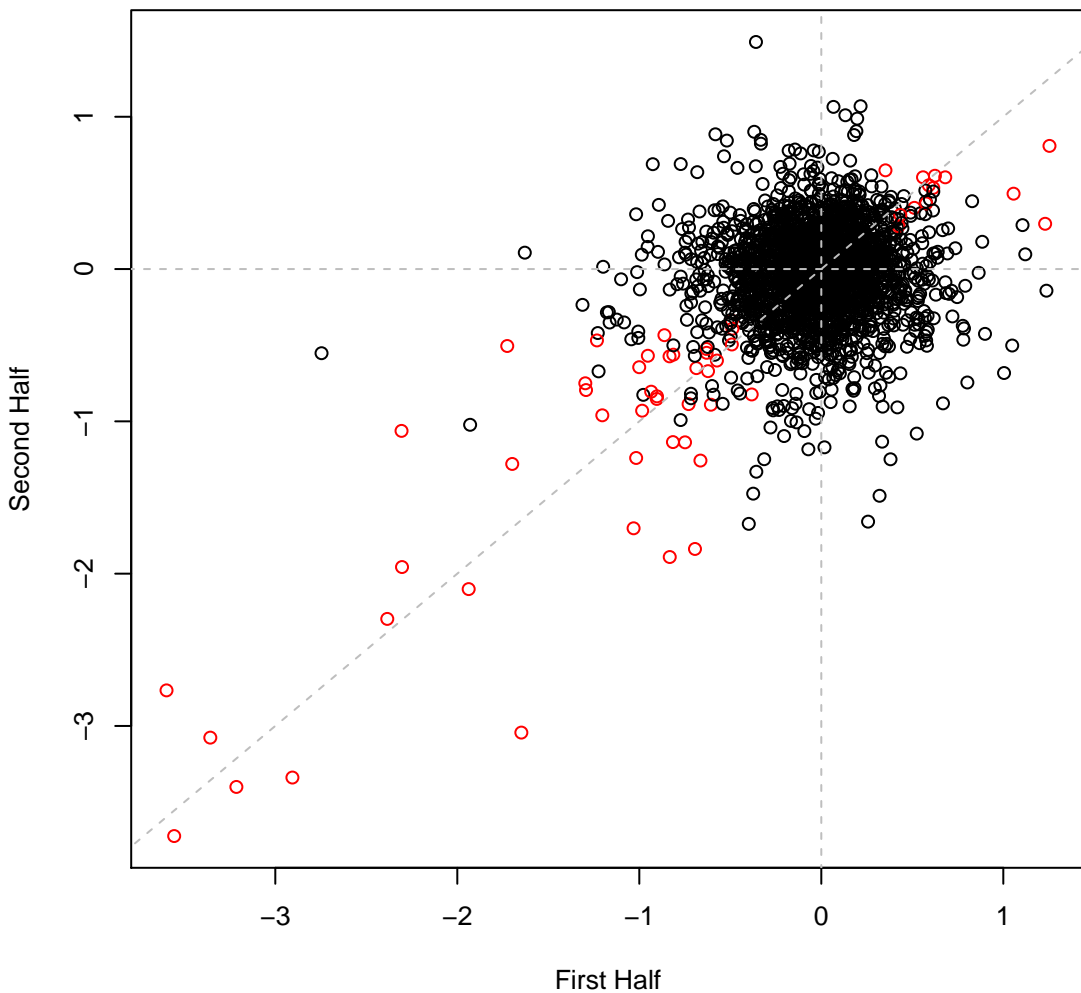
**Phaeo set9IT035 #405 (gMed=264 rho12=0.058)**  
**marine broth 20C**



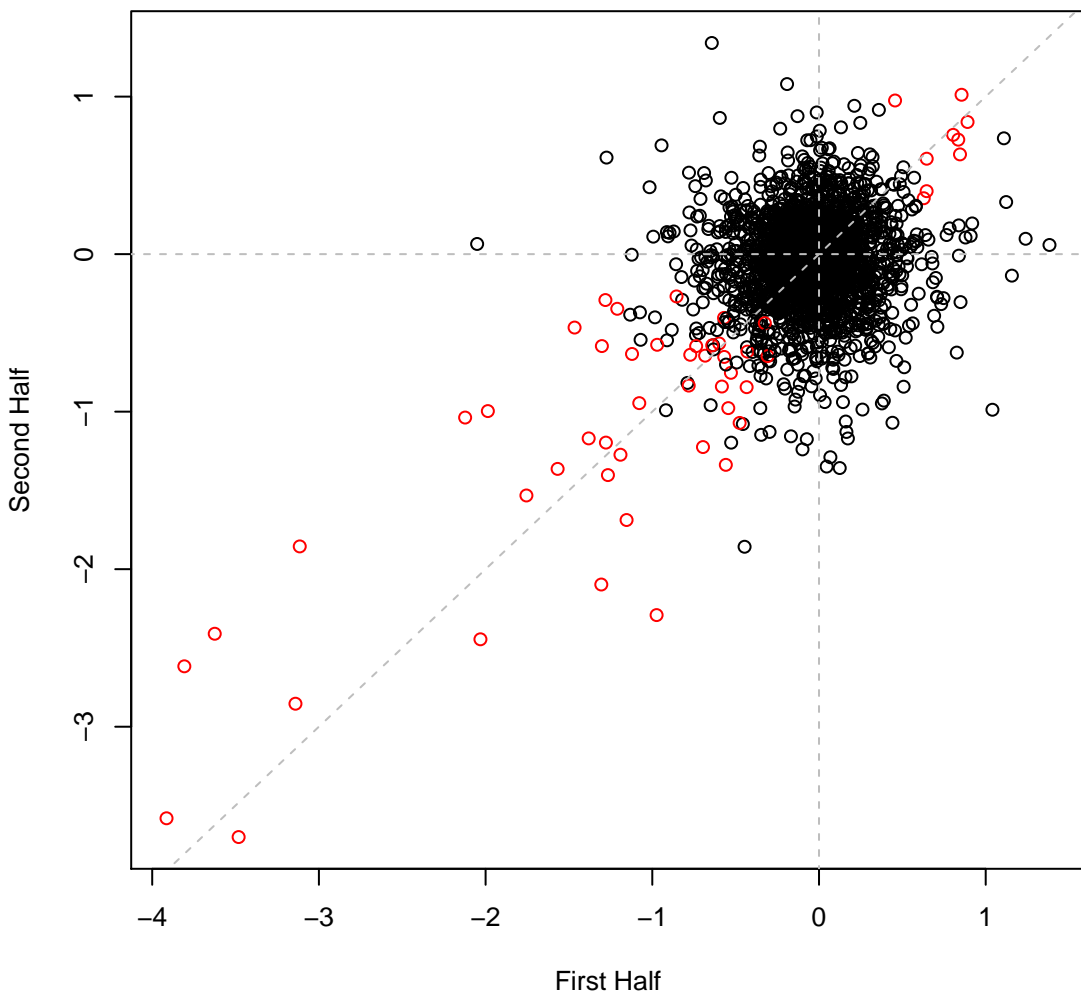
**Phaeo set9IT036 #406 (gMed=238 rho12=0.023)**  
**marine broth 20C**



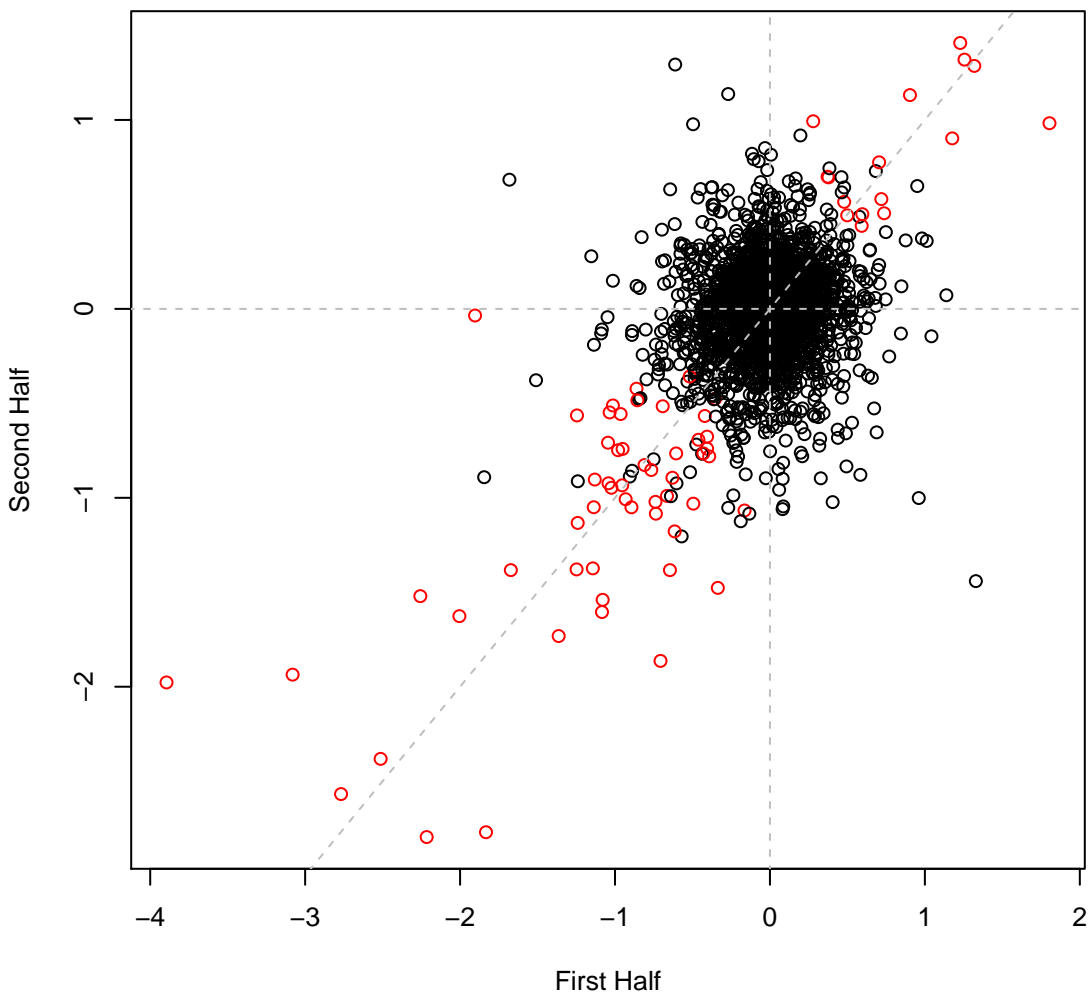
**Phaeo set9IT037 #407 (gMed=185 rho12=0.120)**  
**marine broth 25C**



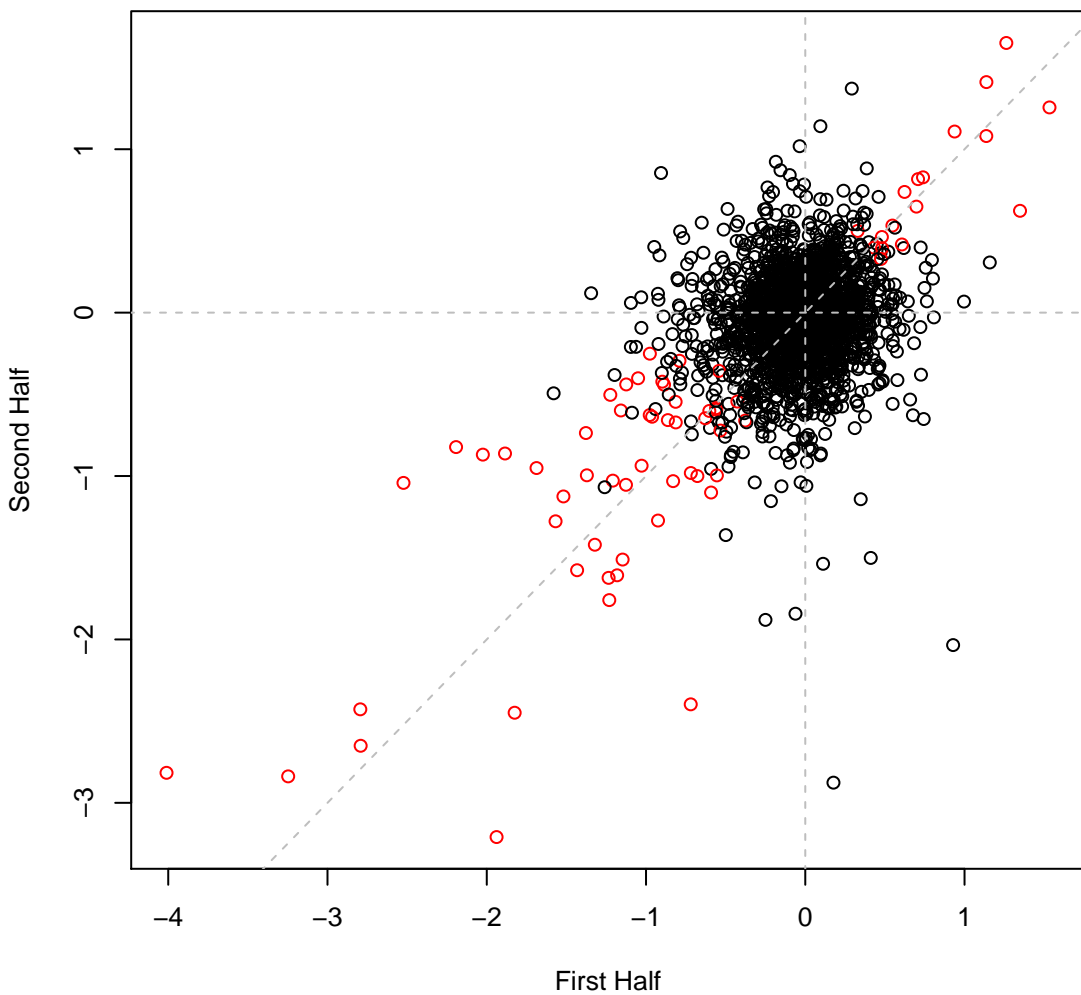
**Phaeo set9IT038 #408 (gMed=248 rho12=0.134)**  
**marine broth 25C**



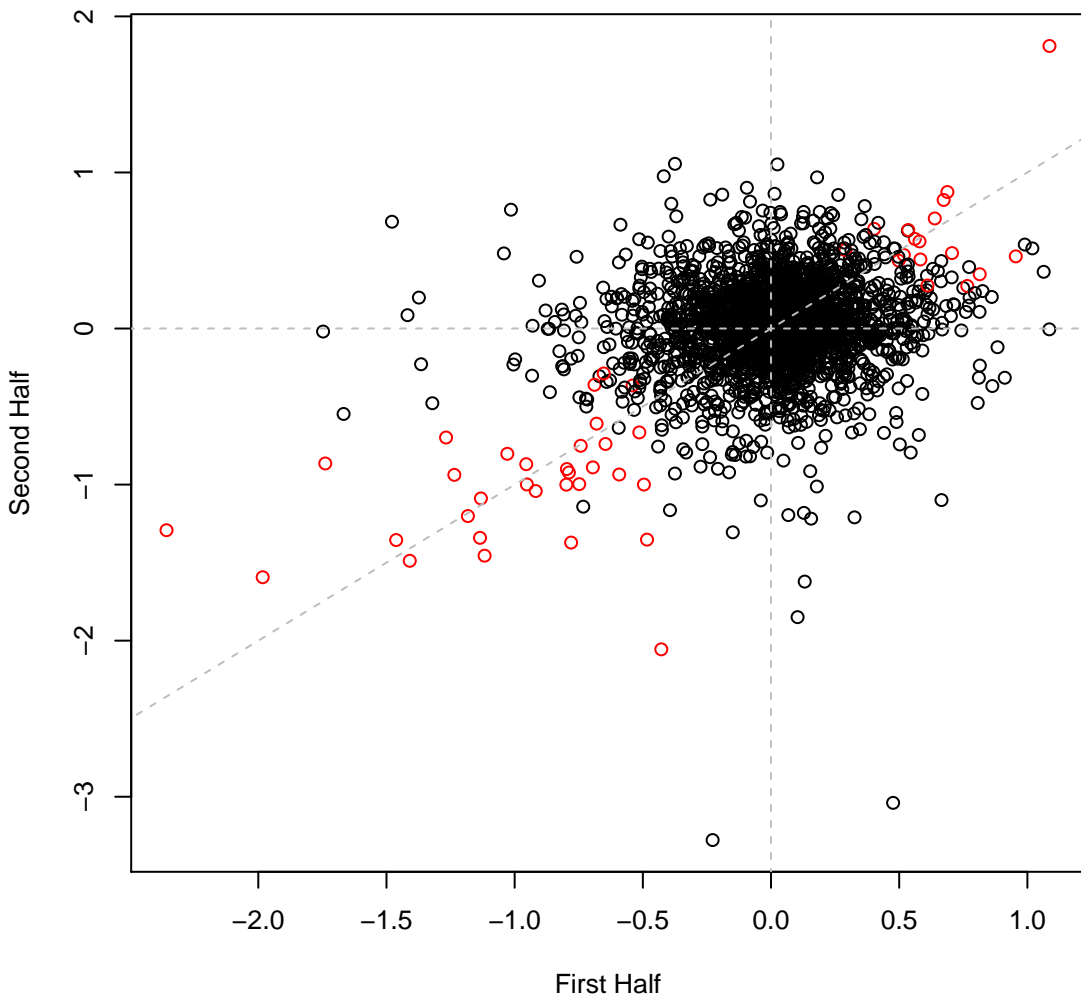
**Phaeo set9IT039 #409 (gMed=234 rho12=0.177)**  
**marine broth 30C**



**Phaeo set9IT040 #410 (gMed=192 rho12=0.185)**  
**marine broth 30C**

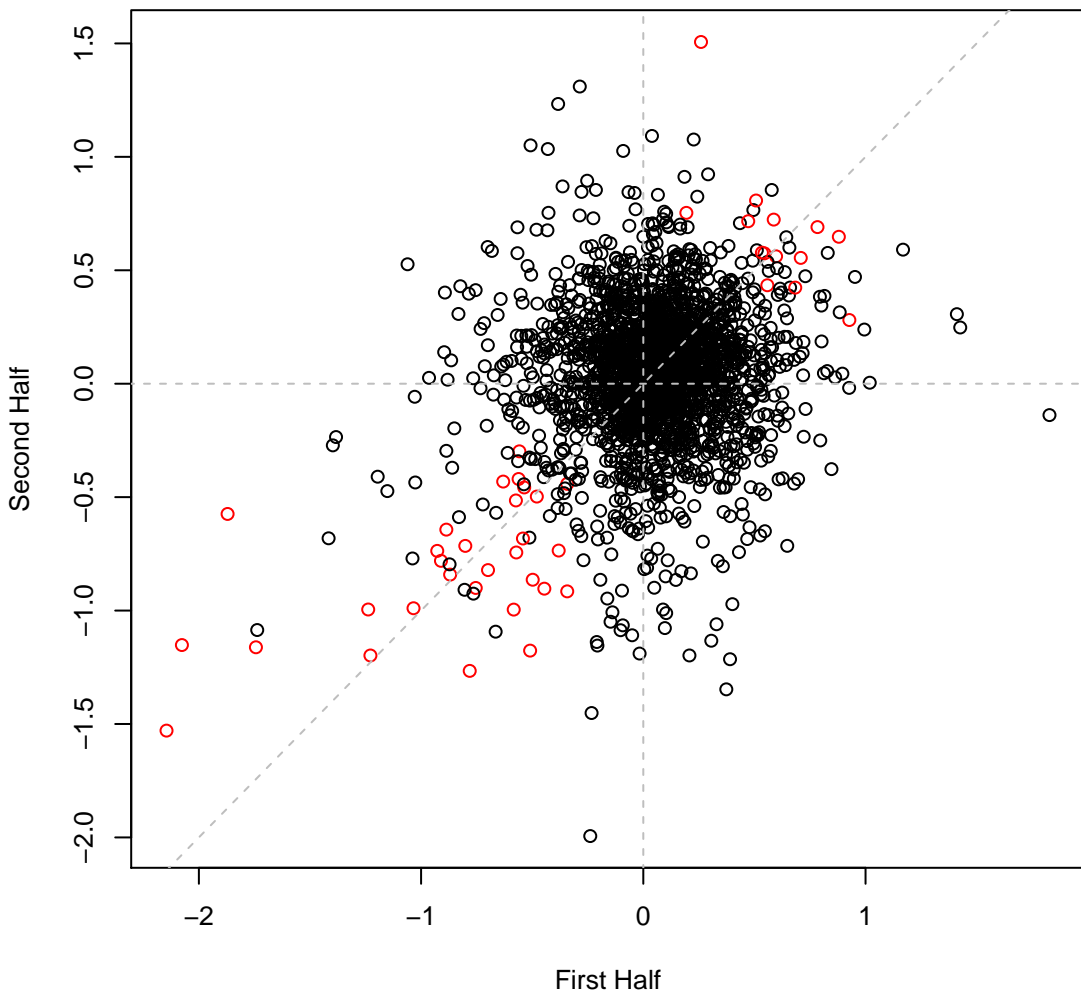


**Phaeo set9IT041 #411 (gMed=210 rho12=0.144)**  
**marine broth 37C**

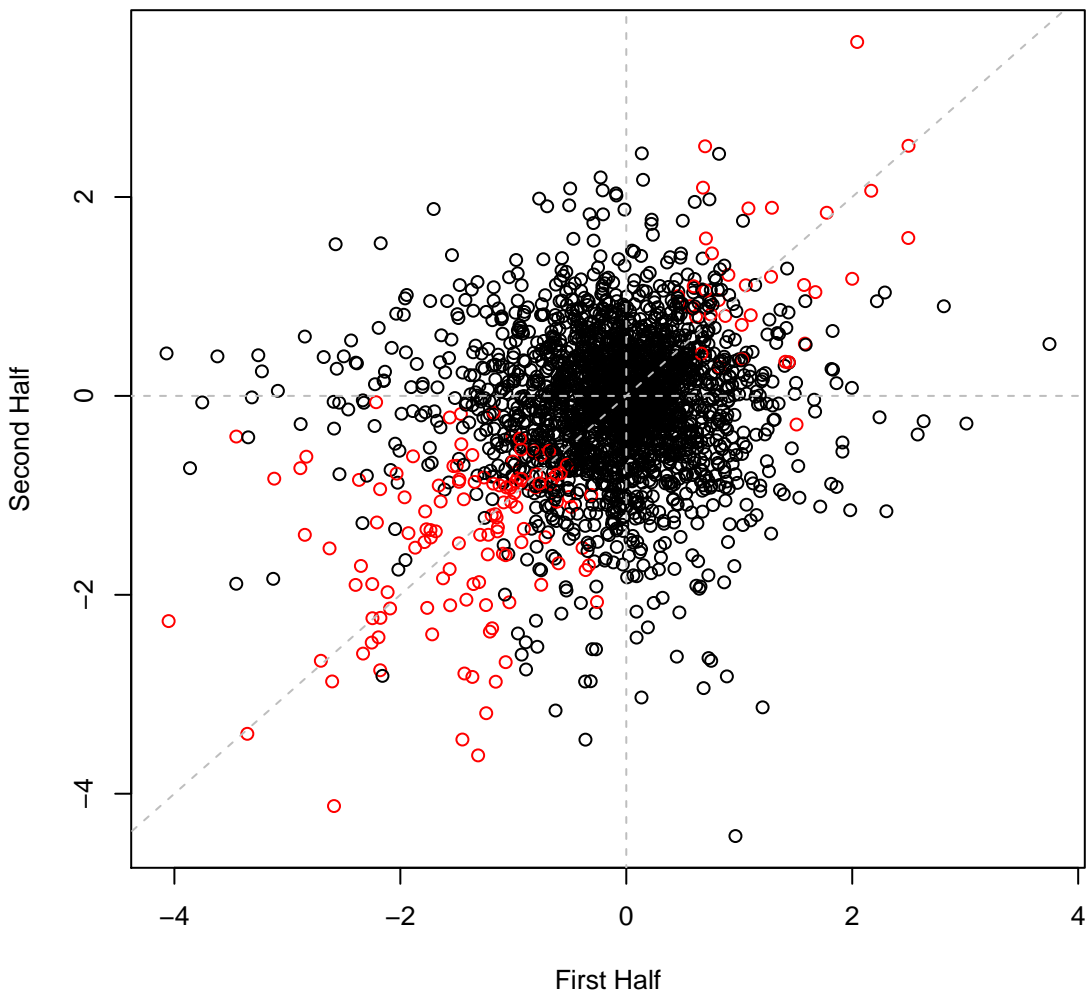




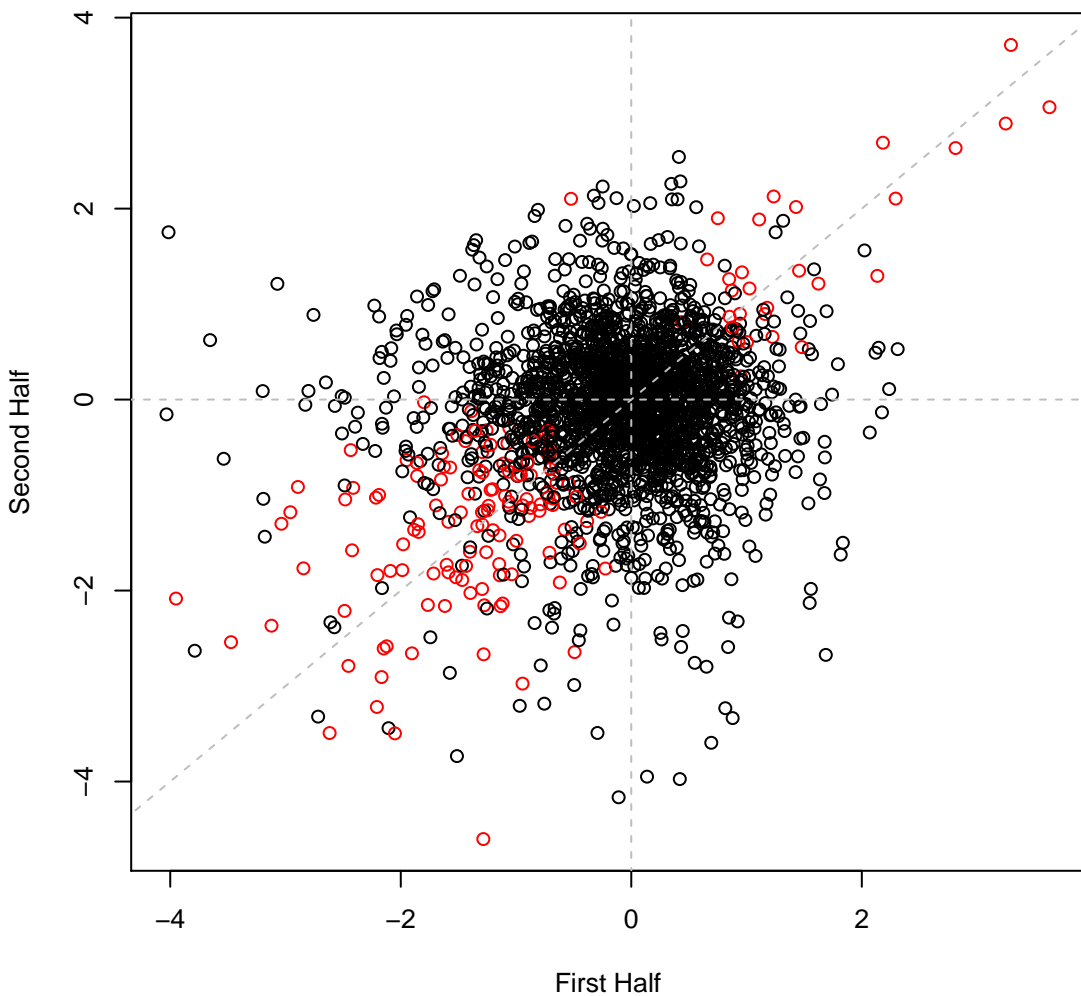
**Phaeo set9IT042 #412 (gMed=184 rho12=0.094)**  
**marine broth 37C**



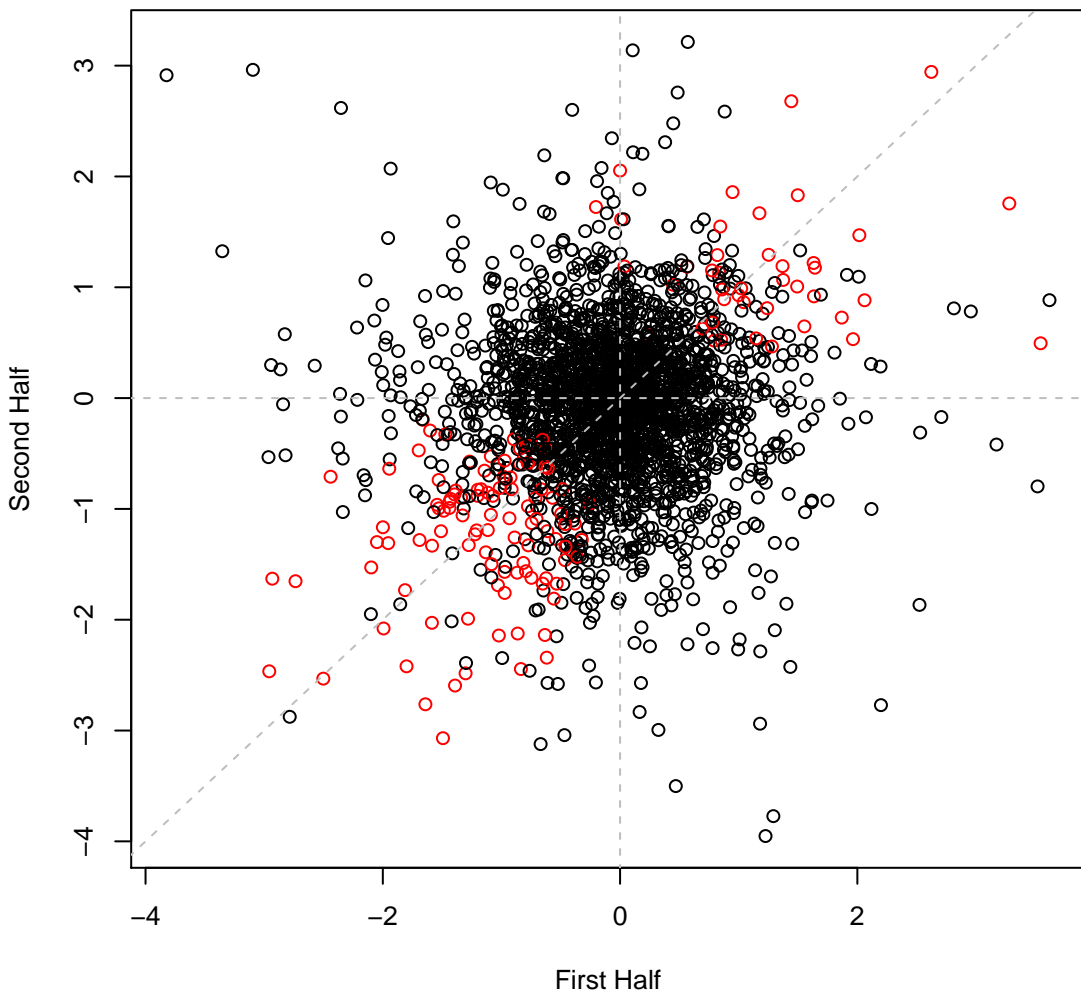
**Phaeo set9IT043 #413 (gMed=162 rho12=0.154)**  
**outer cut, marine broth soft agar motility assay**



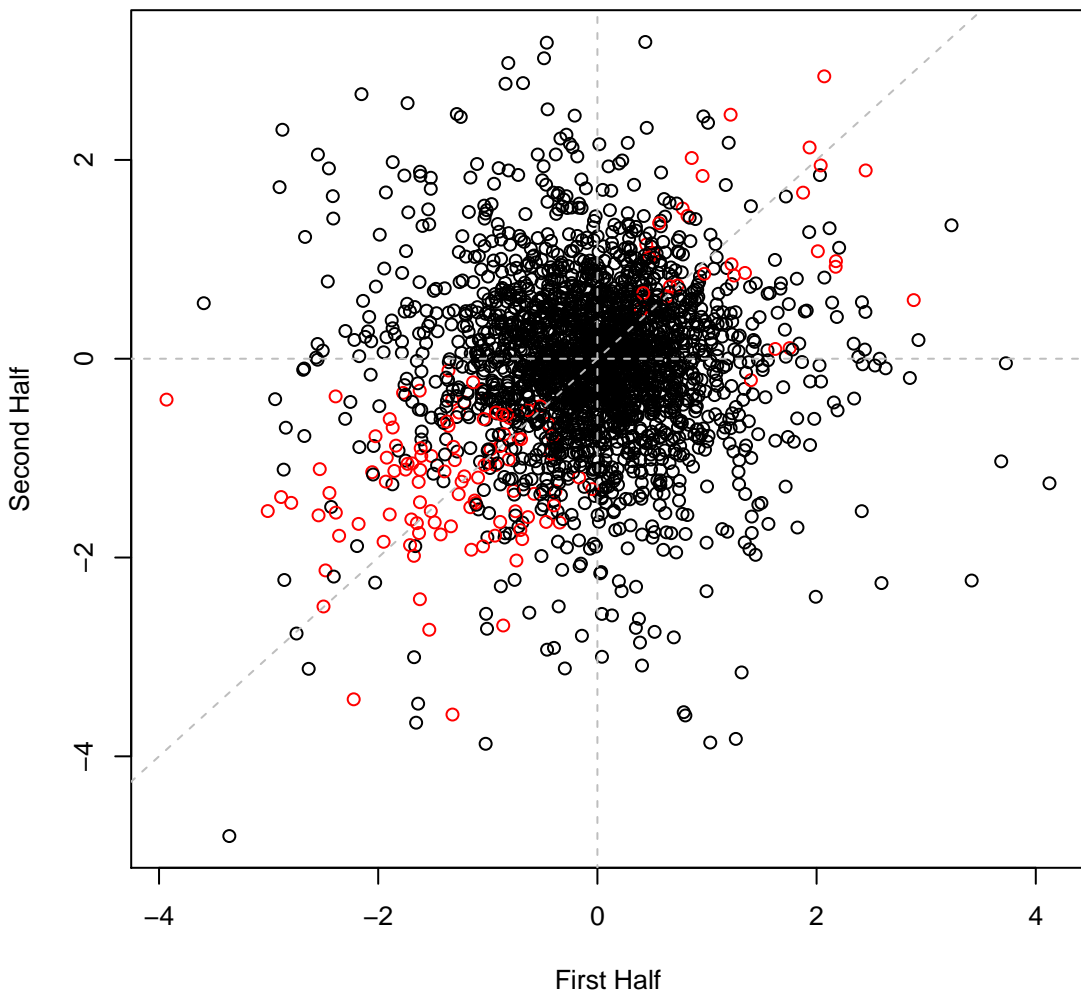
**Phaeo set9IT044 #414 (gMed=149 rho12=0.122)**  
**outer cut, marine broth soft agar motility assay**



**Phaeo set9IT045 #415 (gMed=135 rho12=0.100)**  
**outer cut, marine broth soft agar motility assay**

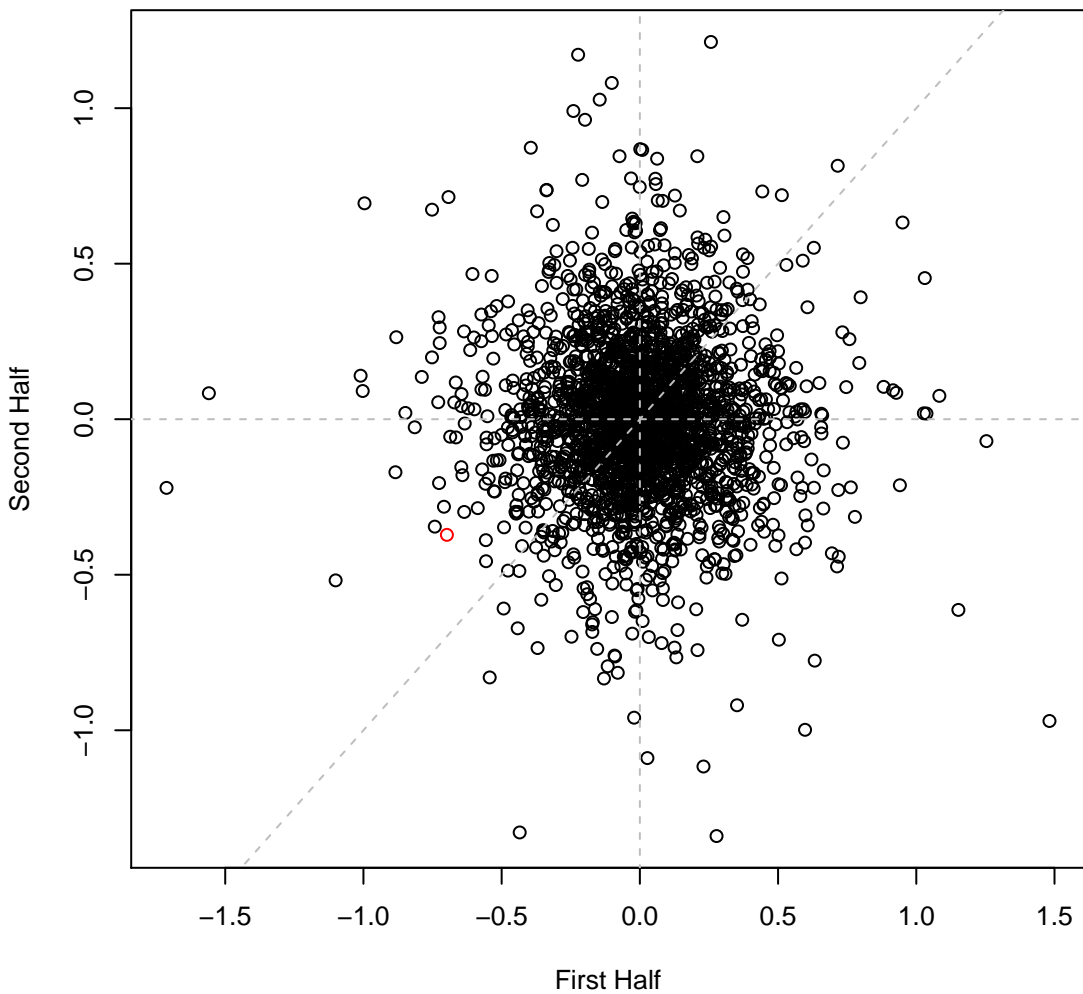


**Phaeo set9IT046 #416 (gMed=135 rho12=0.070)**  
**outer cut, marine broth soft agar motility assay**



Phaeo set9IT047 #417 (gMed=192 rho12=-0.001)

Time0



Phaeo set9IT048 #418 (gMed=200 rho12=-0.001)

Time0

