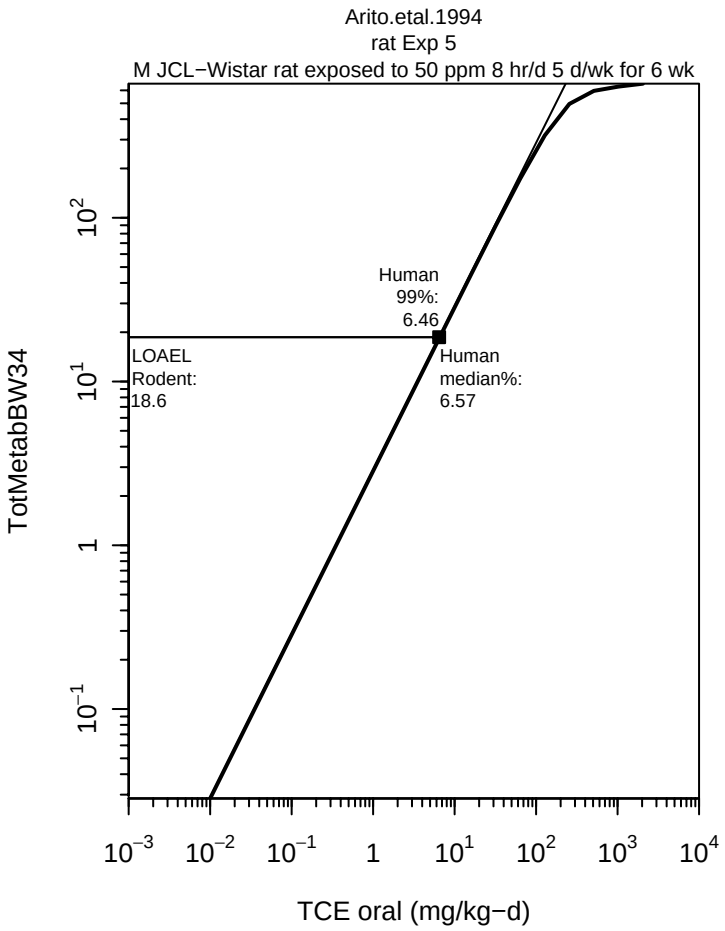
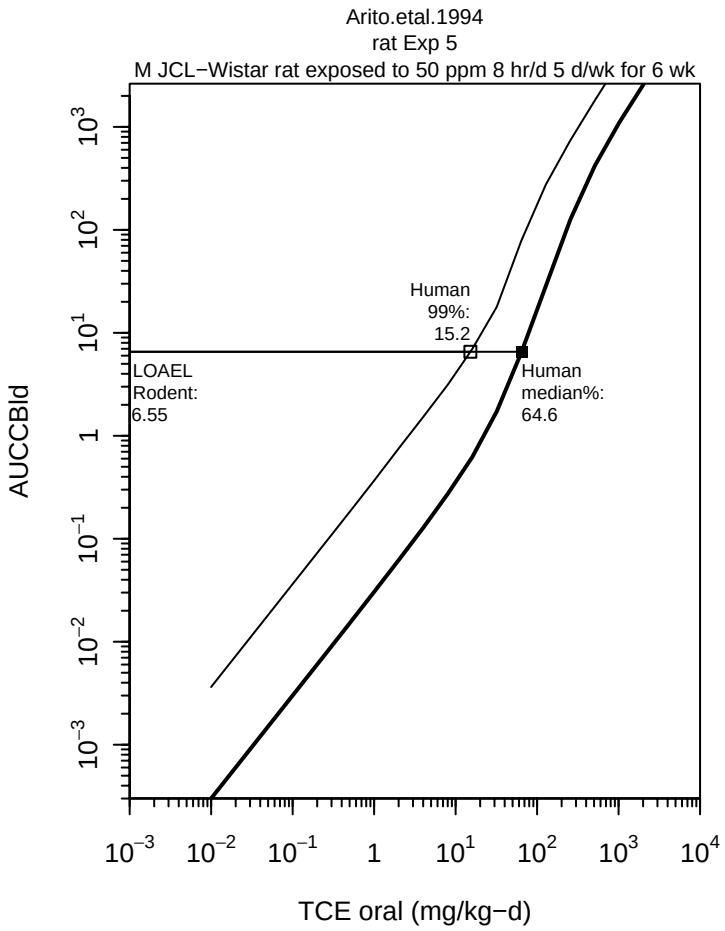
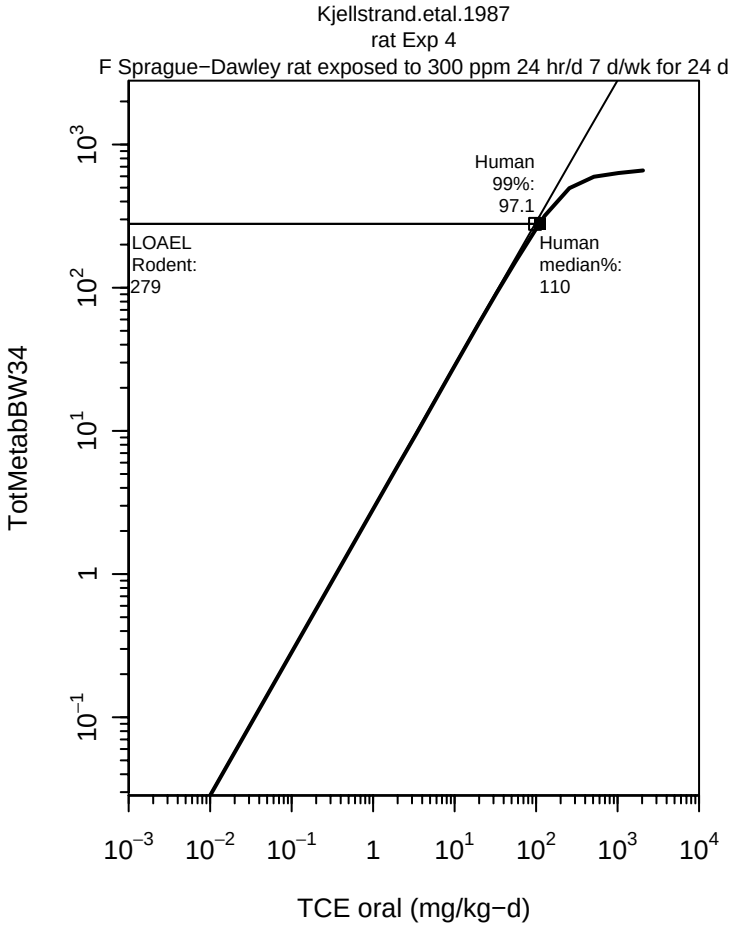
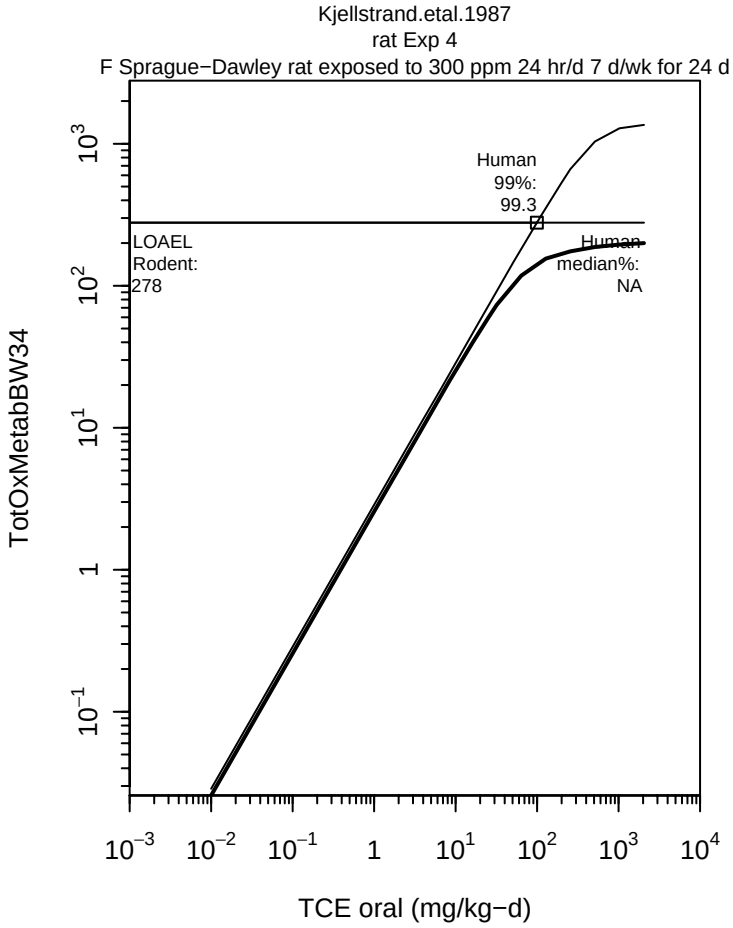
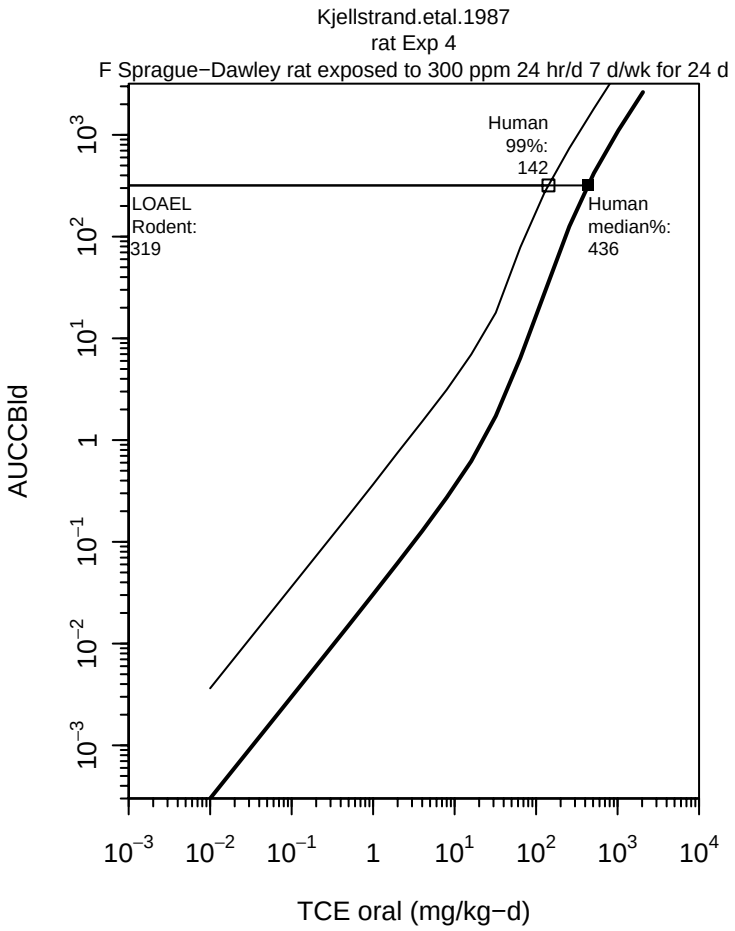
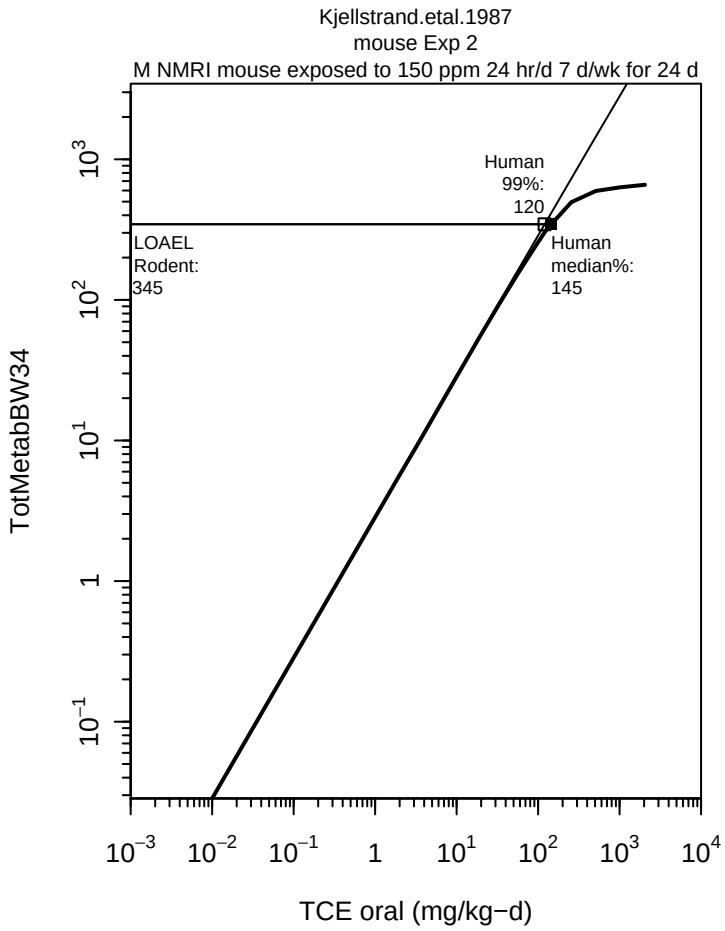

Arito.etal.1994
rat Exp 5
M JCL−Wistar rat exposed to 50 ppm 8 hr/d 5 d/wk for 6 wk
Human
99%:
6.46
LOAEL
Rodent:
18.6
Human
median%:
6.57
TotMetabBW34
TCE oral (mg/kg−d)

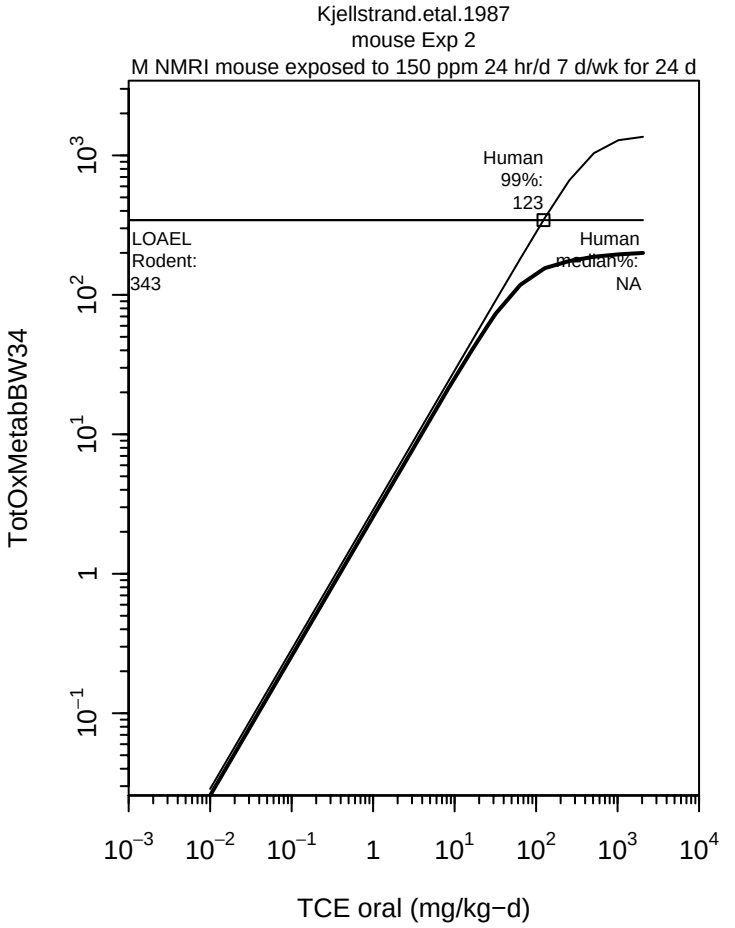

Arito.etal.1994
rat Exp 5
M JCL−Wistar rat exposed to 50 ppm 8 hr/d 5 d/wk for 6 wk
Human
99%:
15.2
LOAEL
Rodent:
6.55
Human
median%:
64.6
AUCCBld
TCE oral (mg/kg−d)

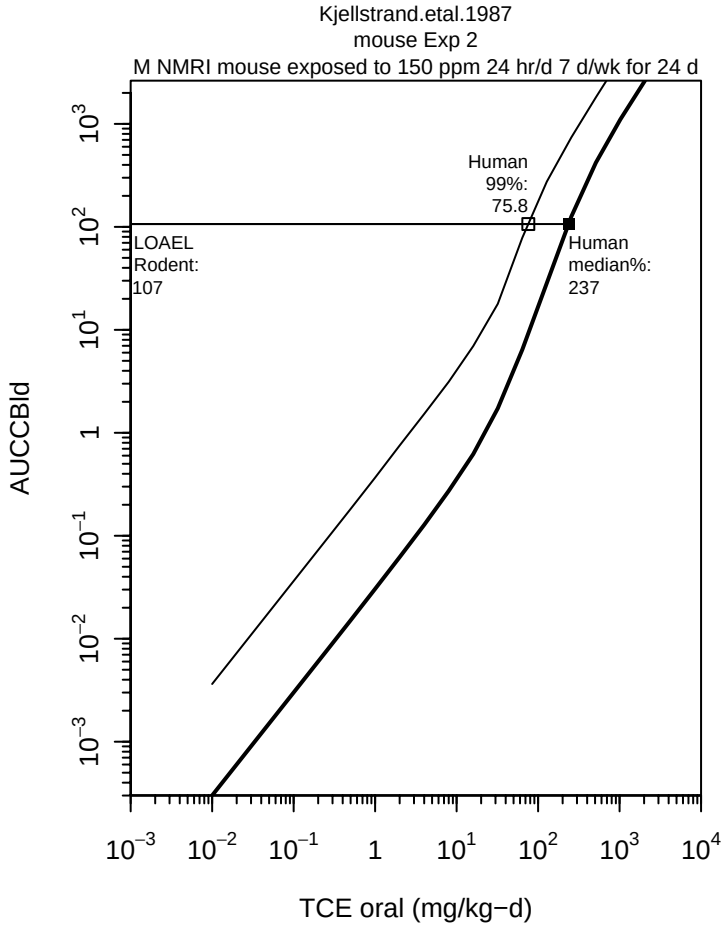

Kjellstrand.etal.1987
rat Exp 4
F Sprague−Dawley rat exposed to 300 ppm 24 hr/d 7 d/wk for 24 d
Human
99%:
97.1
LOAEL
Rodent:
279
Human
median%:
110
TotMetabBW34
TCE oral (mg/kg−d)

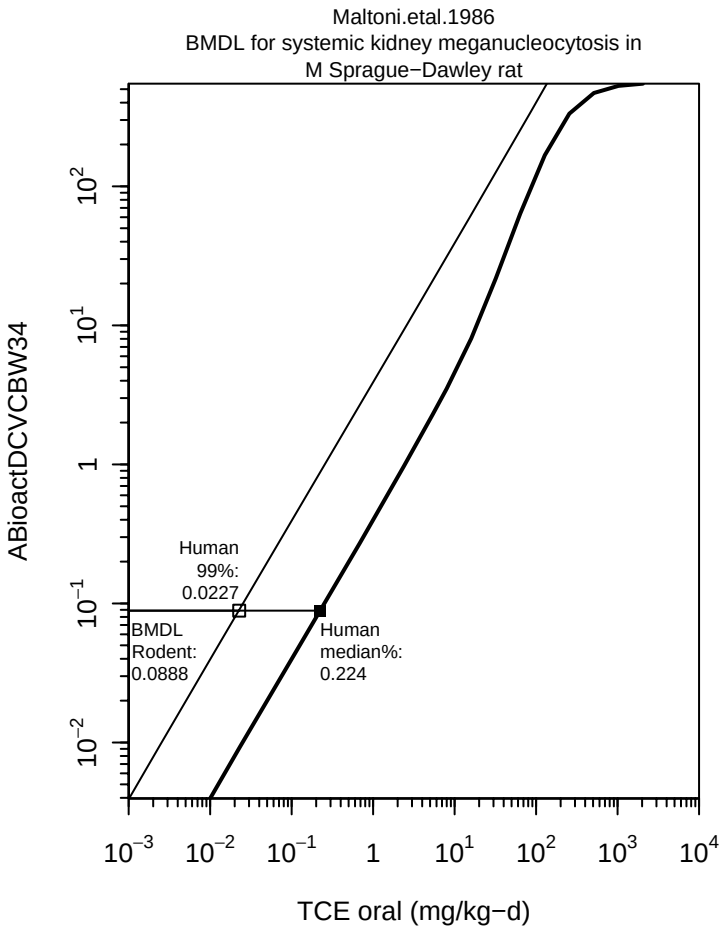

Kjellstrand.etal.1987
rat Exp 4
F Sprague−Dawley rat exposed to 300 ppm 24 hr/d 7 d/wk for 24 d
Human
99%:
99.3
LOAEL
Rodent:
278
Human
median%:
NA
TotOxMetabBW34
TCE oral (mg/kg−d)

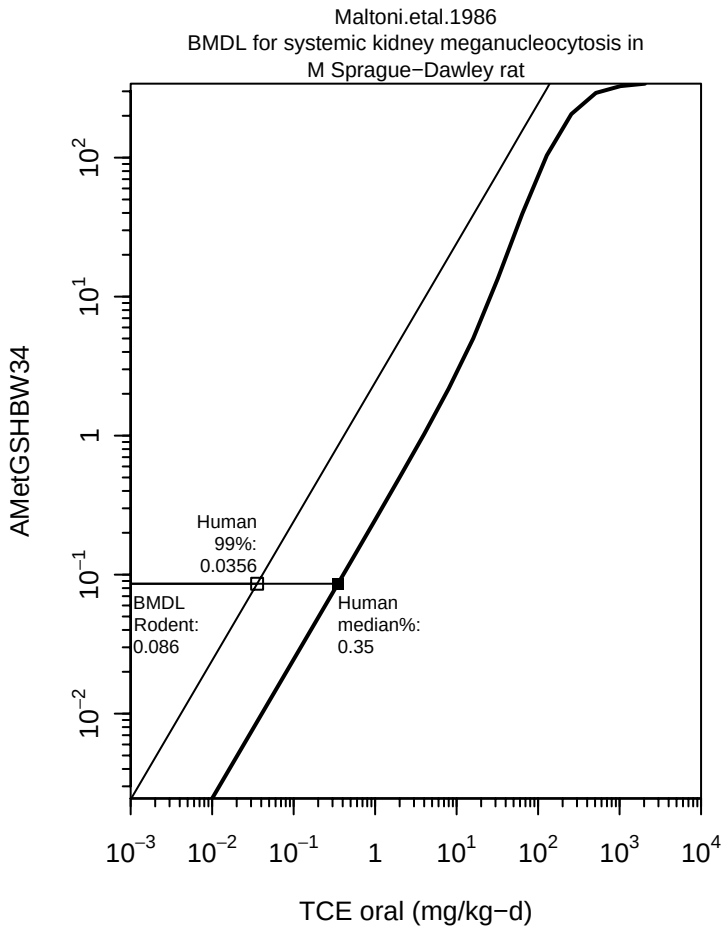

Kjellstrand.etal.1987
rat Exp 4
F Sprague−Dawley rat exposed to 300 ppm 24 hr/d 7 d/wk for 24 d
Human
99%:
142
LOAEL
Rodent:
319
Human
median%:
436
AUCCBld
TCE oral (mg/kg−d)

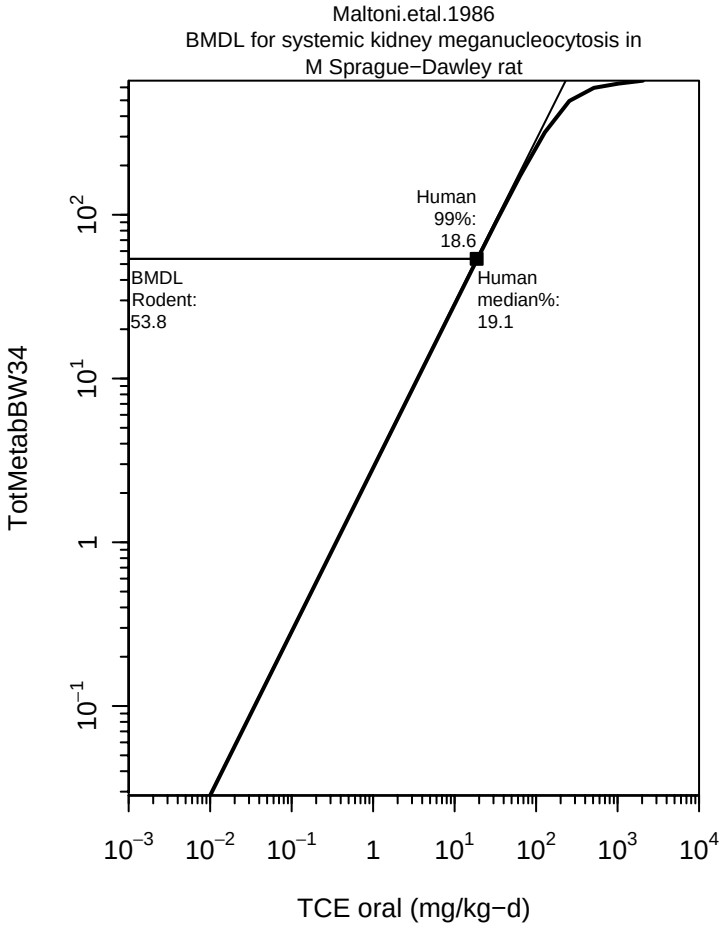

Kjellstrand.etal.1987
mouse Exp 2
M NMRI mouse exposed to 150 ppm 24 hr/d 7 d/wk for 24 d
Human
99%:
120
LOAEL
Rodent:
345
Human
median%:
145
TotMetabBW34
TCE oral (mg/kg−d)

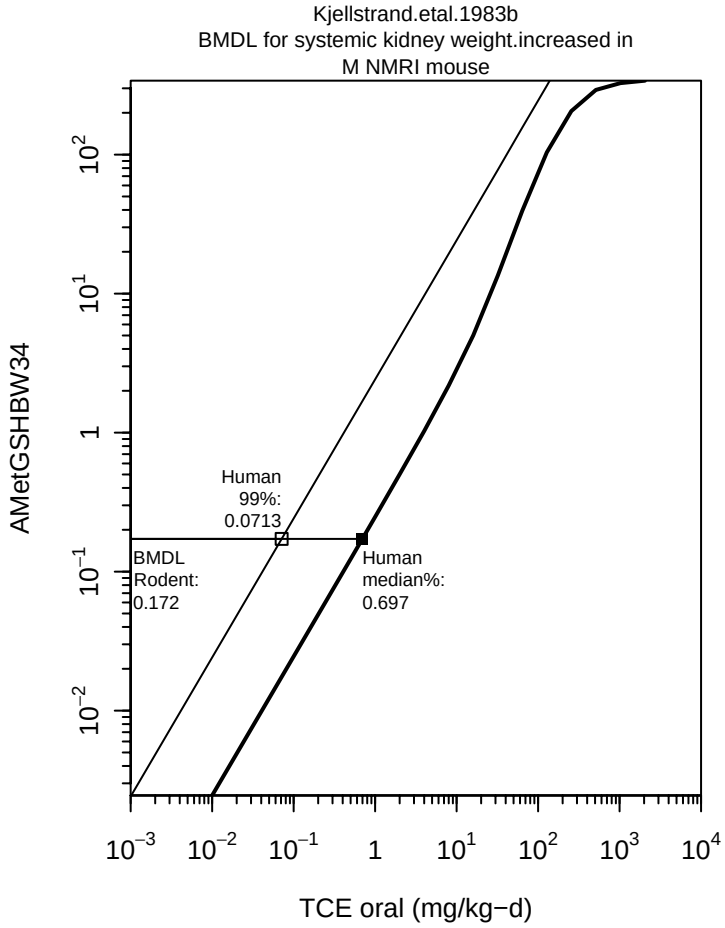

Kjellstrand.etal.1987
mouse Exp 2
M NMRI mouse exposed to 150 ppm 24 hr/d 7 d/wk for 24 d
Human
99%:
123
LOAEL
Rodent:
343
Human
median%:
NA
TotOxMetabBW34
TCE oral (mg/kg−d)

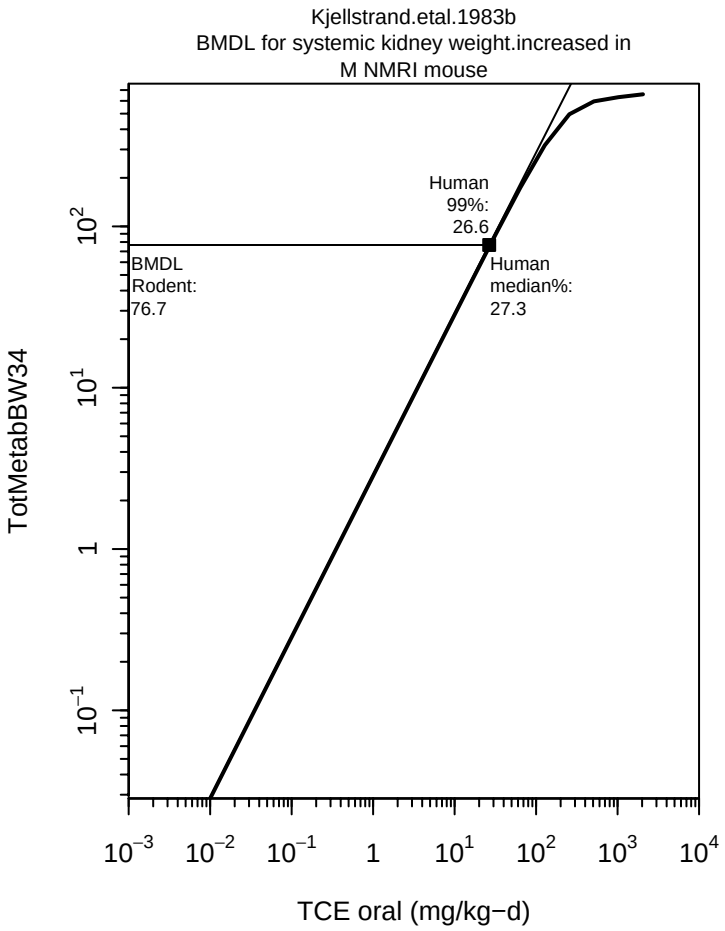

Kjellstrand.etal.1987
mouse Exp 2
M NMRI mouse exposed to 150 ppm 24 hr/d 7 d/wk for 24 d
Human
99%:
75.8
LOAEL
Rodent:
107
Human
median%:
237
AUCCBld
TCE oral (mg/kg−d)

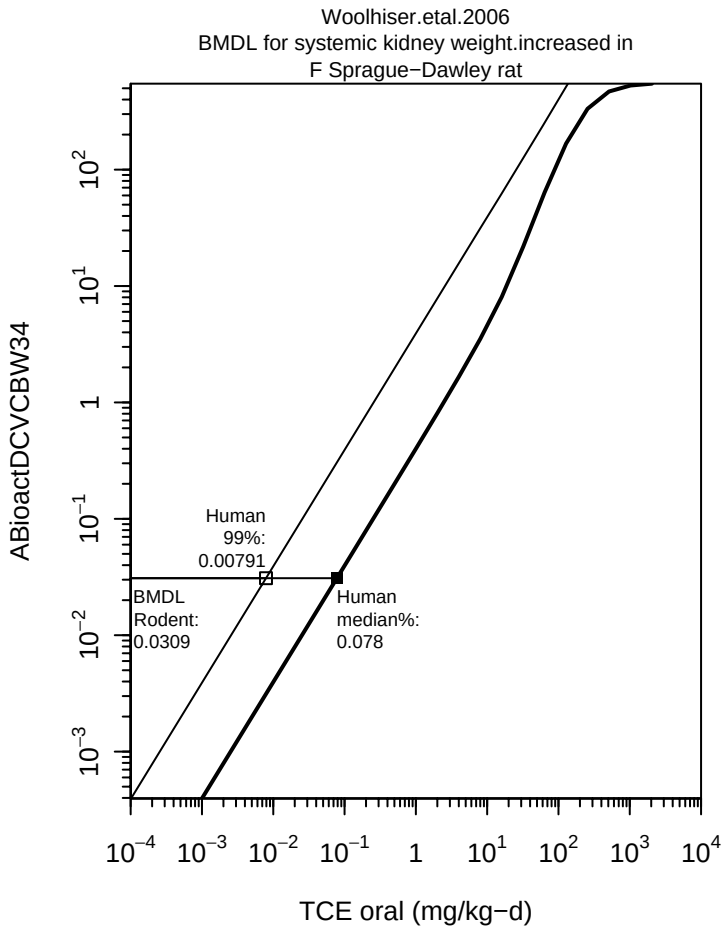

Maltoni.etal.1986
BMDL for systemic kidney meganucleocytosis in
M Sprague−Dawley rat
ABioactDCVCBW34
Human
99%:
0.0227
BMDL
Rodent:
0.0888
Human
median%:
0.224
TCE oral (mg/kg−d)

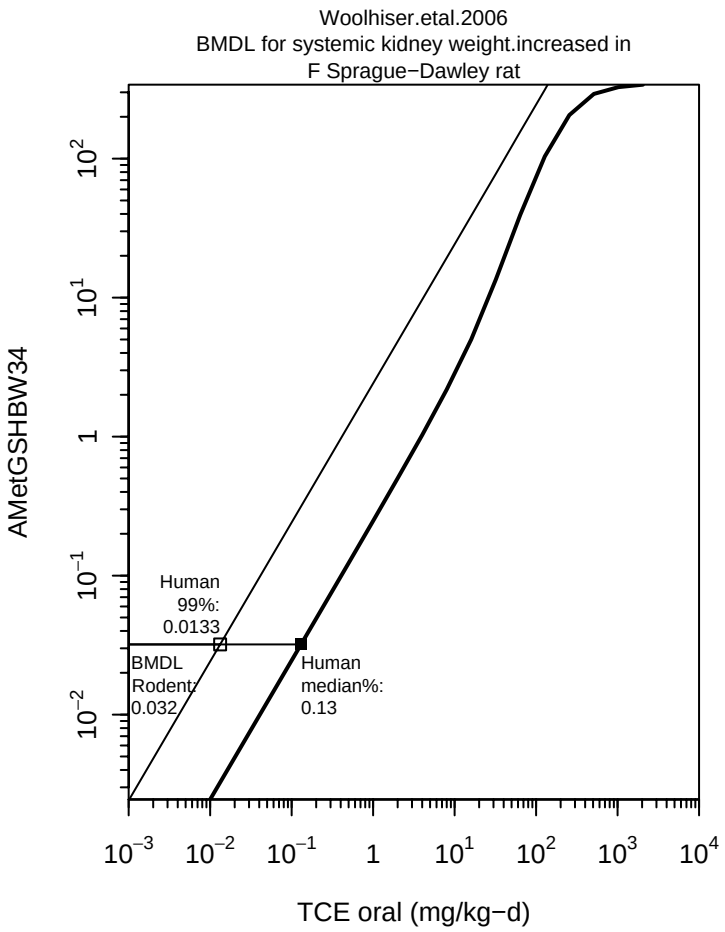

Maltoni.etal.1986
BMDL for systemic kidney meganucleocytosis in
M Sprague−Dawley rat
AMetGSHBW34
Human
99%:
0.0356
BMDL
Rodent:
0.086
Human
median%:
0.35
TCE oral (mg/kg−d)

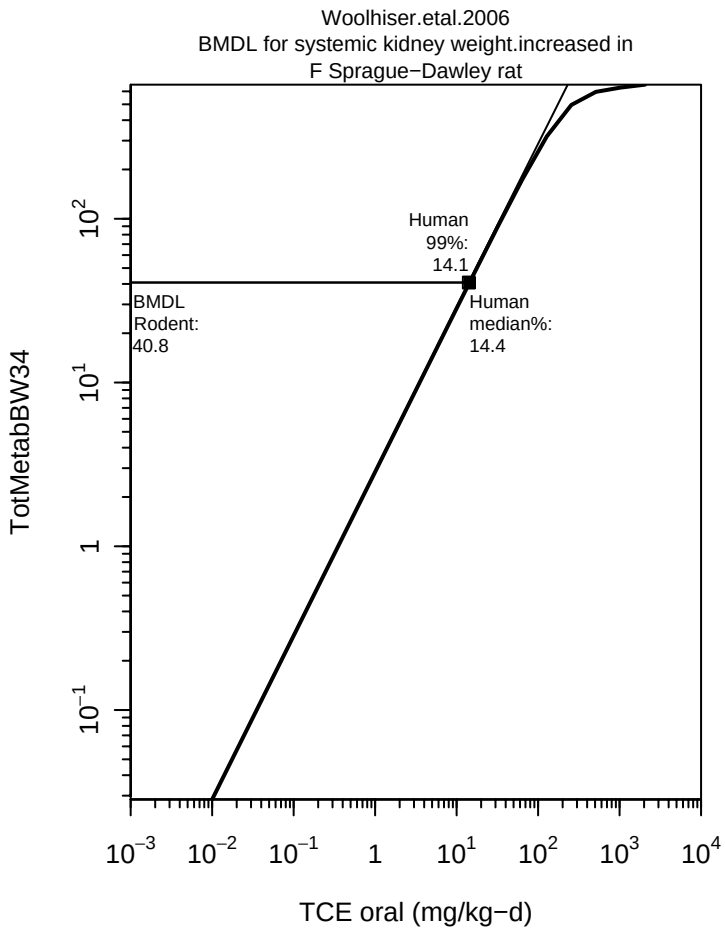

Maltoni.etal.1986
BMDL for systemic kidney meganucleocytosis in
M Sprague−Dawley rat
TotMetabBW34
Human
99%:
18.6
BMDL
Rodent:
53.8
Human
median%:
19.1
TCE oral (mg/kg−d)

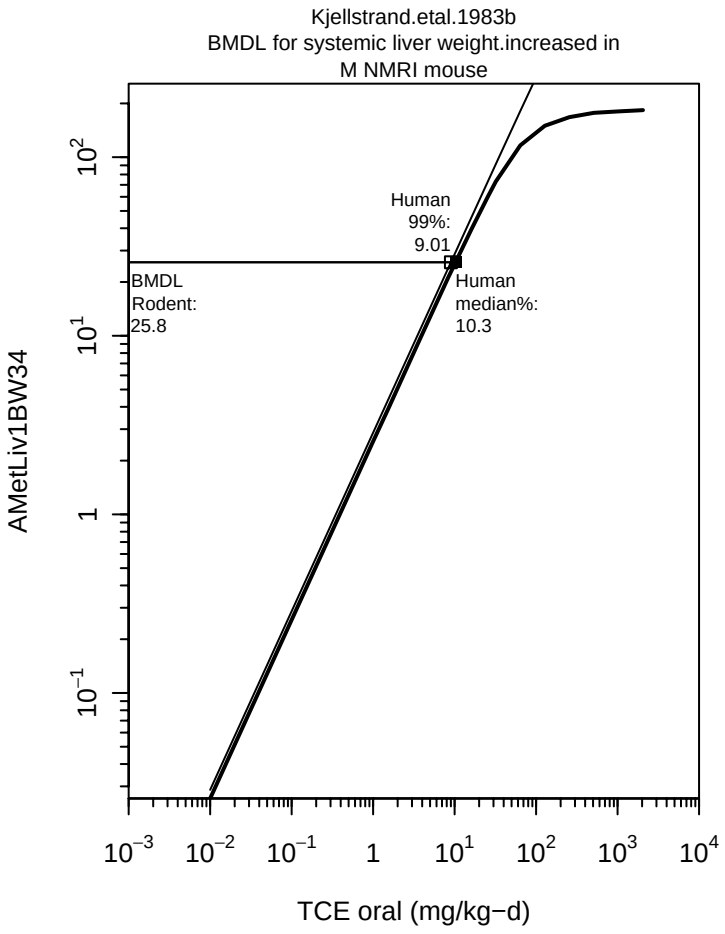

Kjellstrand.etal.1983b
BMDL for systemic kidney weight.increased in
M NMRI mouse
AMetGSHBW34
Human
99%:
0.0713
BMDL
Rodent:
0.172
Human
median%:
0.697
TCE oral (mg/kg−d)

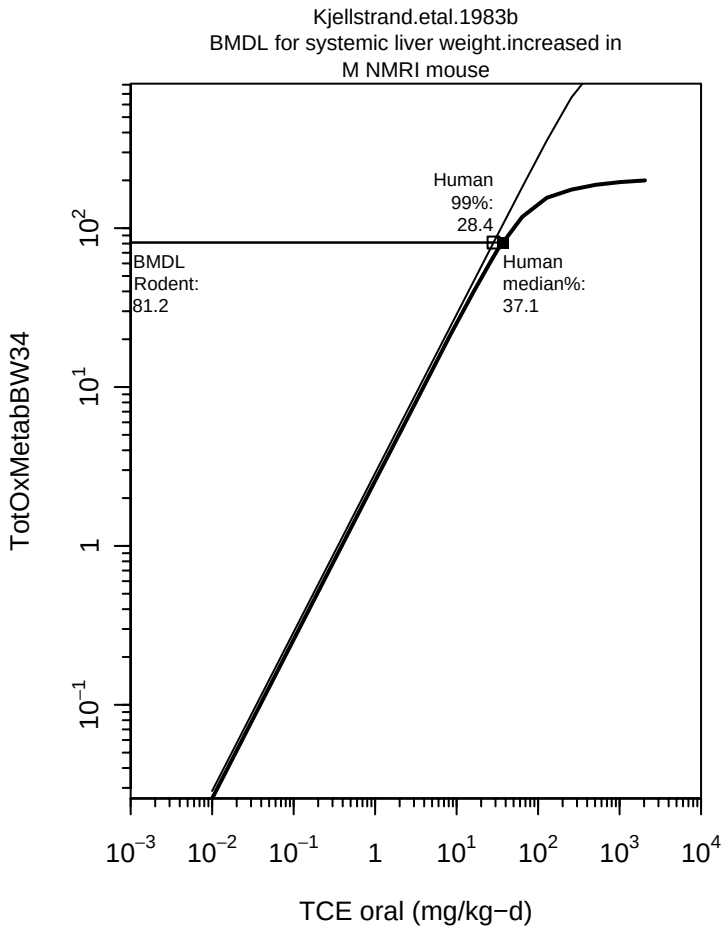

Kjellstrand.etal.1983b
BMDL for systemic kidney weight.increased in
M NMRI mouse
Human
99%:
26.6
BMDL
Rodent:
76.7
Human
median%:
27.3
TotMetabBW34
TCE oral (mg/kg−d)

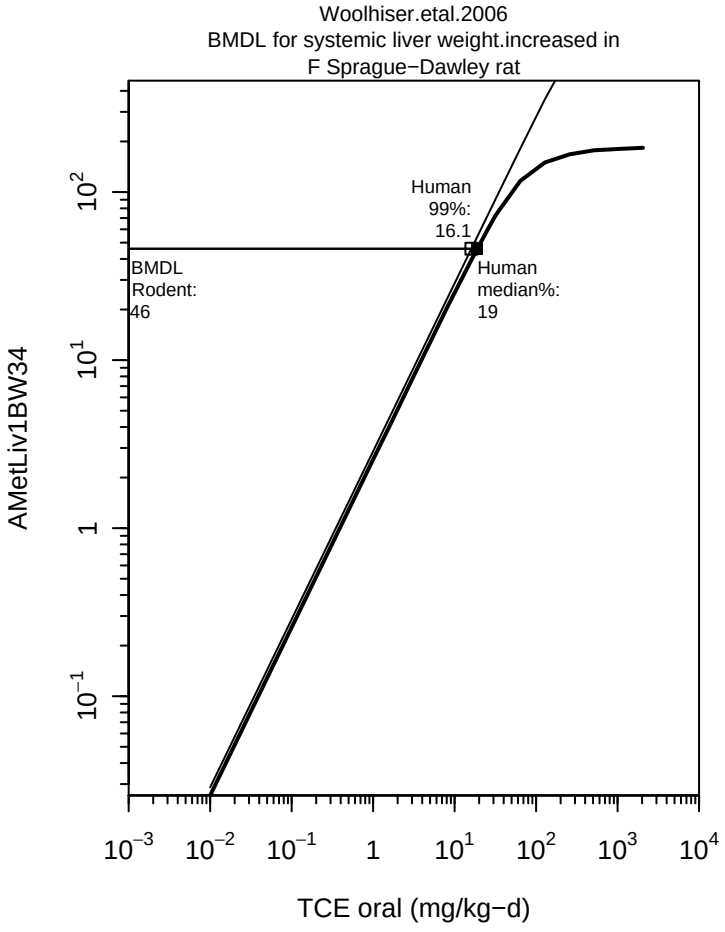

Woolhiser.etal.2006
BMDL for systemic kidney weight.increased in
F Sprague−Dawley rat
Human
99%:
0.00791
BMDL
Rodent:
0.0309
Human
median%:
0.078
ABioactDCVCBW34
TCE oral (mg/kg−d)

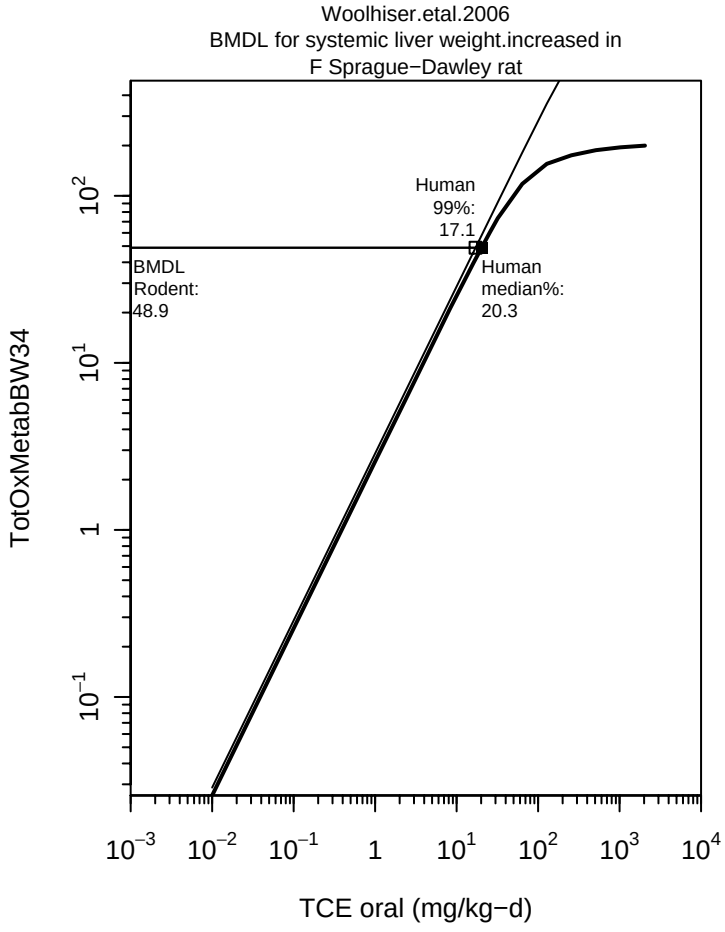

Woolhiser.etal.2006
BMDL for systemic kidney weight.increased in
F Sprague−Dawley rat
Human
99%:
0.0133
BMDL
Rodent:
0.032
Human
median%:
0.13
AMetGSHBW34
TCE oral (mg/kg−d)

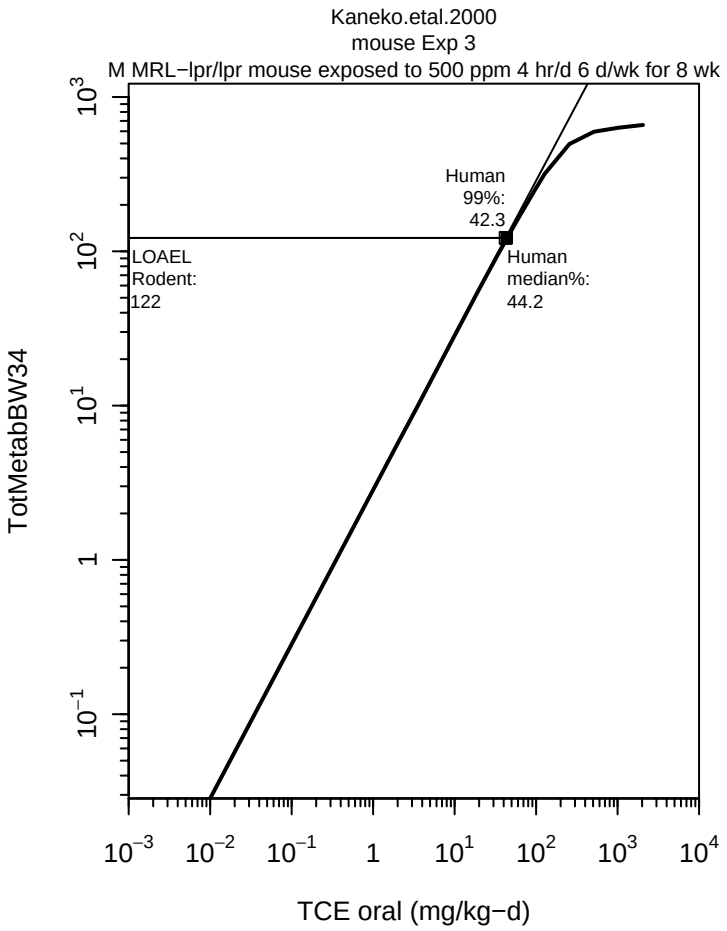

Woolhiser.etal.2006
BMDL for systemic kidney weight.increased in
F Sprague−Dawley rat
Human
99%:
14.1
BMDL
Rodent:
40.8
Human
median%:
14.4
TotMetabBW34
TCE oral (mg/kg−d)

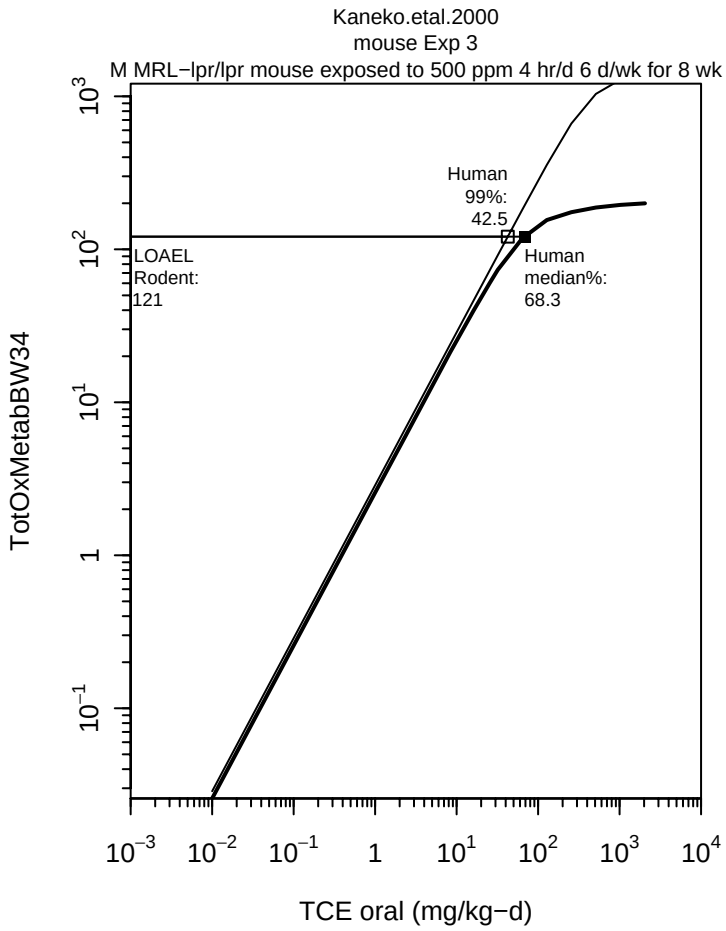

Kjellstrand.etal.1983b
BMDL for systemic liver weight.increased in
M NMRI mouse
Human
99%:
9.01
BMDL
Rodent:
25.8
Human
median%:
10.3
AMetLiv1BW34
TCE oral (mg/kg−d)

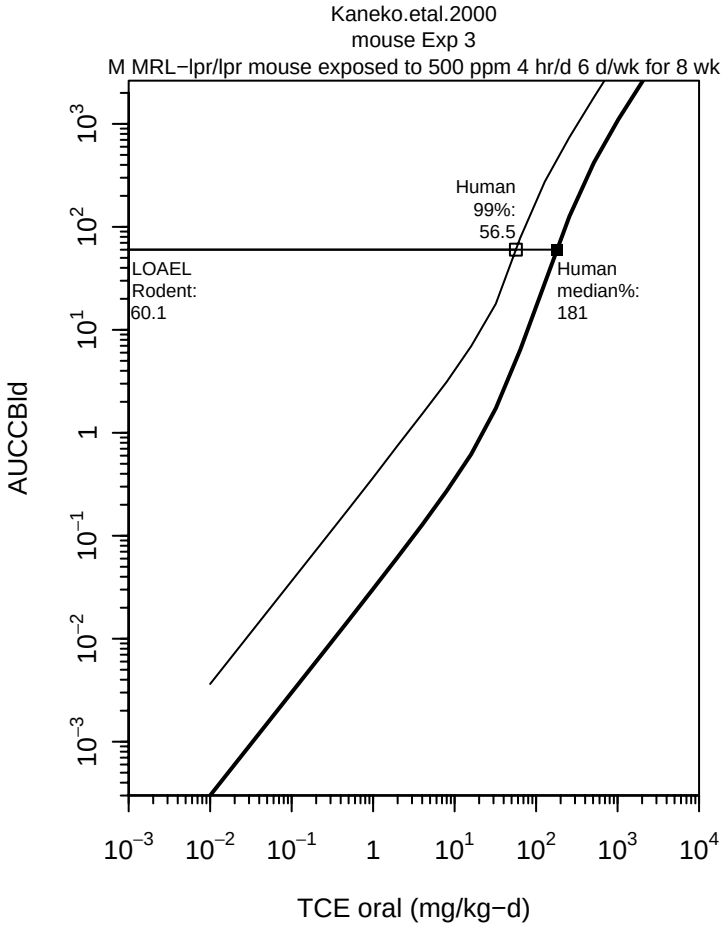

Kjellstrand.etal.1983b
BMDL for systemic liver weight.increased in
M NMRI mouse
Human
99%:
28.4
BMDL
Rodent:
81.2
Human
median%:
37.1
TotOxMetabBW34
TCE oral (mg/kg−d)

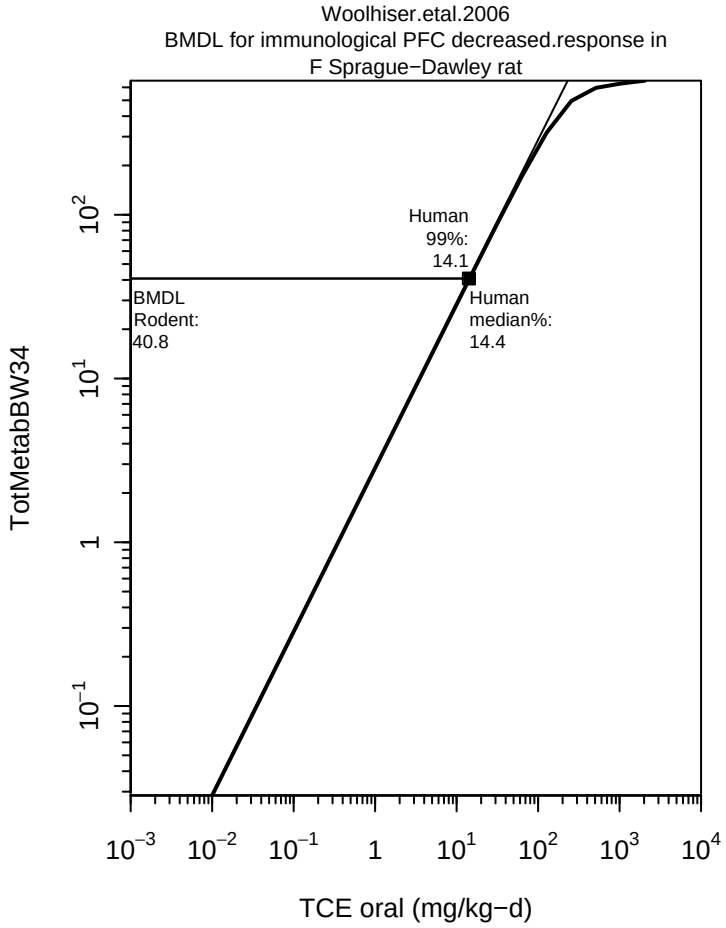

Woolhiser.etal.2006
BMDL for systemic liver weight.increased in
F Sprague−Dawley rat
Human
99%:
16.1
BMDL
Rodent:
46
Human
median%:
19
AMetLiv1BW34
TCE oral (mg/kg−d)

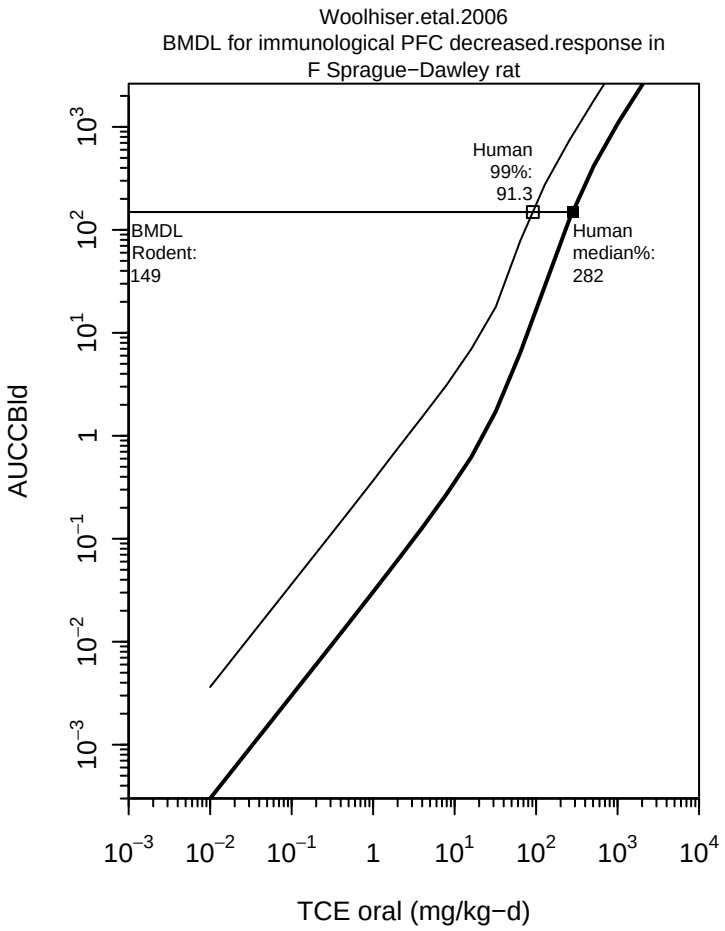

Woolhiser.etal.2006
BMDL for systemic liver weight.increased in
F Sprague−Dawley rat
Human
99%:
17.1
BMDL
Rodent:
48.9
Human
median%:
20.3
TotOxMetabBW34
TCE oral (mg/kg−d)

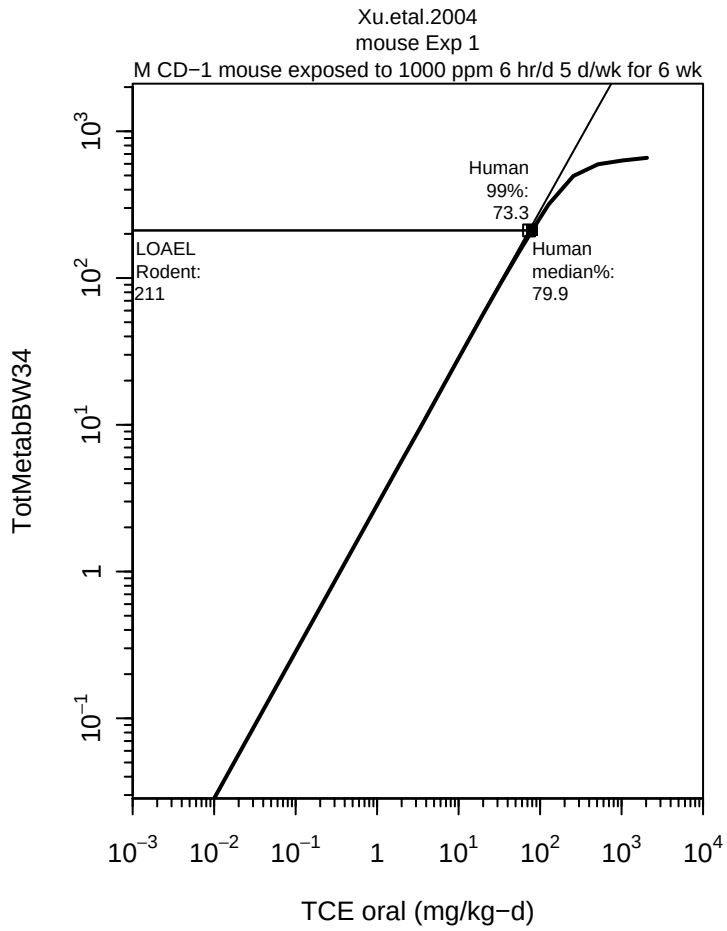

Kaneko.etal.2000
mouse Exp 3
M MRL−lpr/lpr mouse exposed to 500 ppm 4 hr/d 6 d/wk for 8 wk
Human
99%:
42.3
LOAEL
Rodent:
122
Human
median%:
44.2
TotMetabBW34
TCE oral (mg/kg−d)

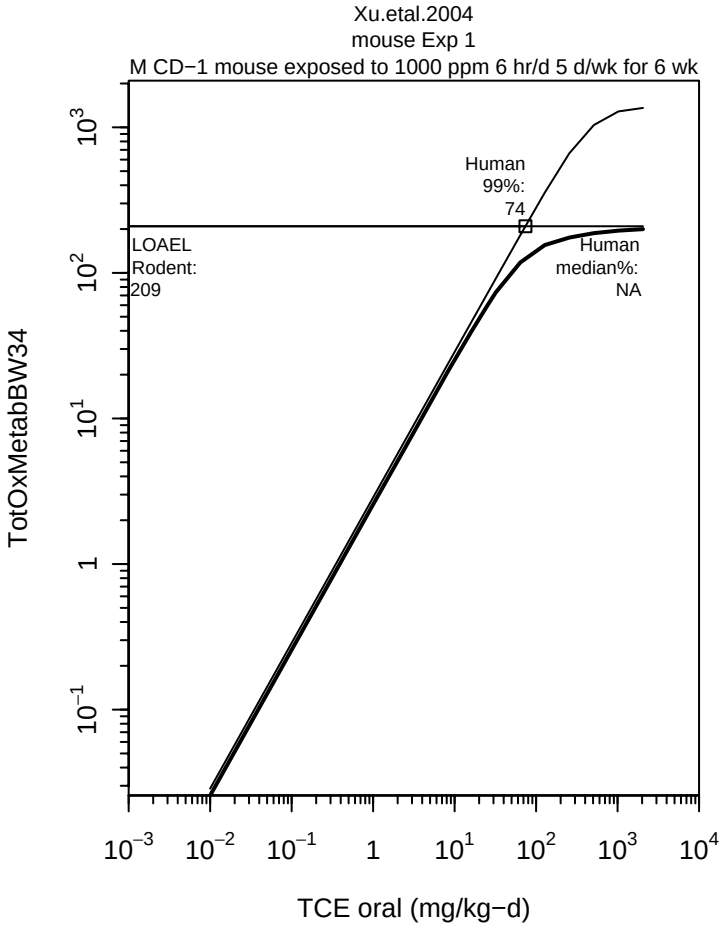

Kaneko.etal.2000
mouse Exp 3
M MRL−lpr/lpr mouse exposed to 500 ppm 4 hr/d 6 d/wk for 8 wk
Human
99%:
42.5
LOAEL
Rodent:
121
Human
median%:
68.3
TotOxMetabBW34
TCE oral (mg/kg−d)

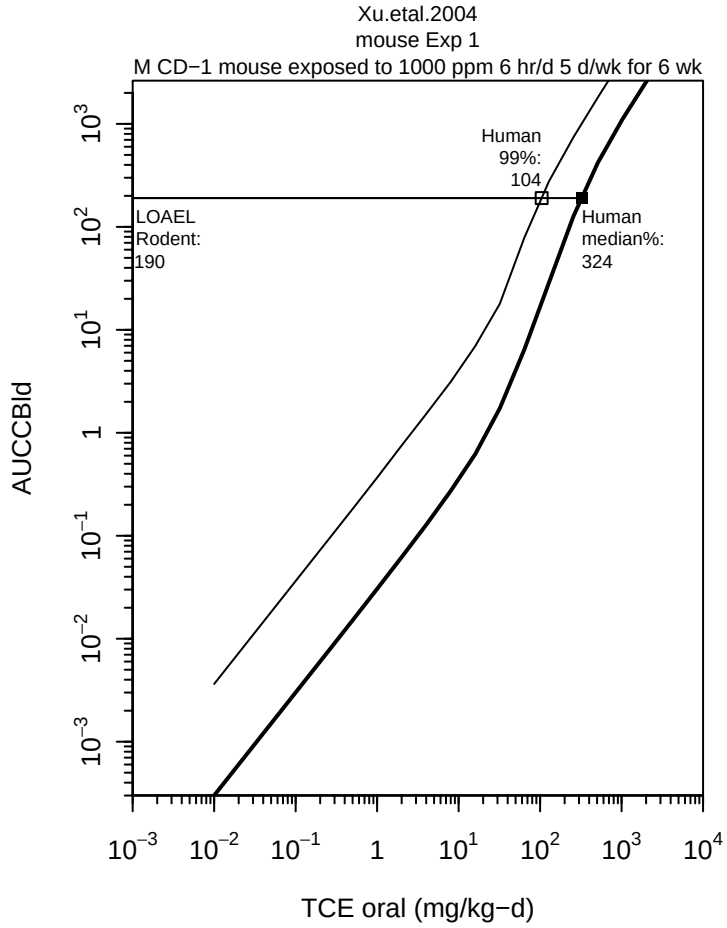

Kaneko.etal.2000
mouse Exp 3
M MRL−lpr/lpr mouse exposed to 500 ppm 4 hr/d 6 d/wk for 8 wk
Human
99%:
56.5
LOAEL
Rodent:
60.1
Human
median%:
181
AUCCBld
TCE oral (mg/kg−d)

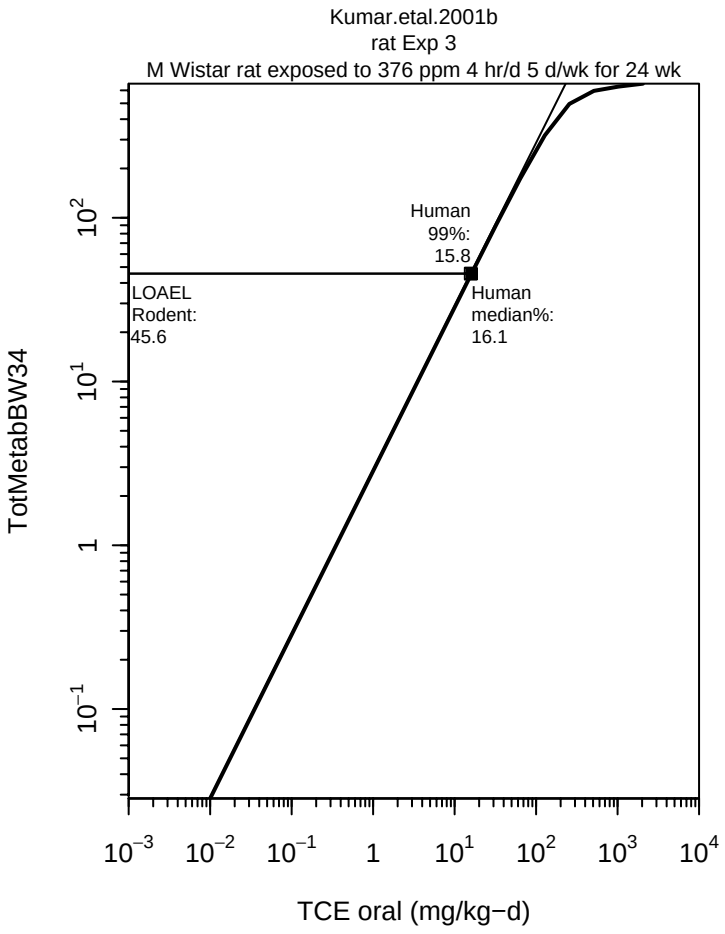

Woolhiser.etal.2006
BMDL for immunological PFC decreased.response in
F Sprague−Dawley rat
Human
99%:
14.1
BMDL
Rodent:
40.8
Human
median%:
14.4
TotMetabBW34
TCE oral (mg/kg−d)

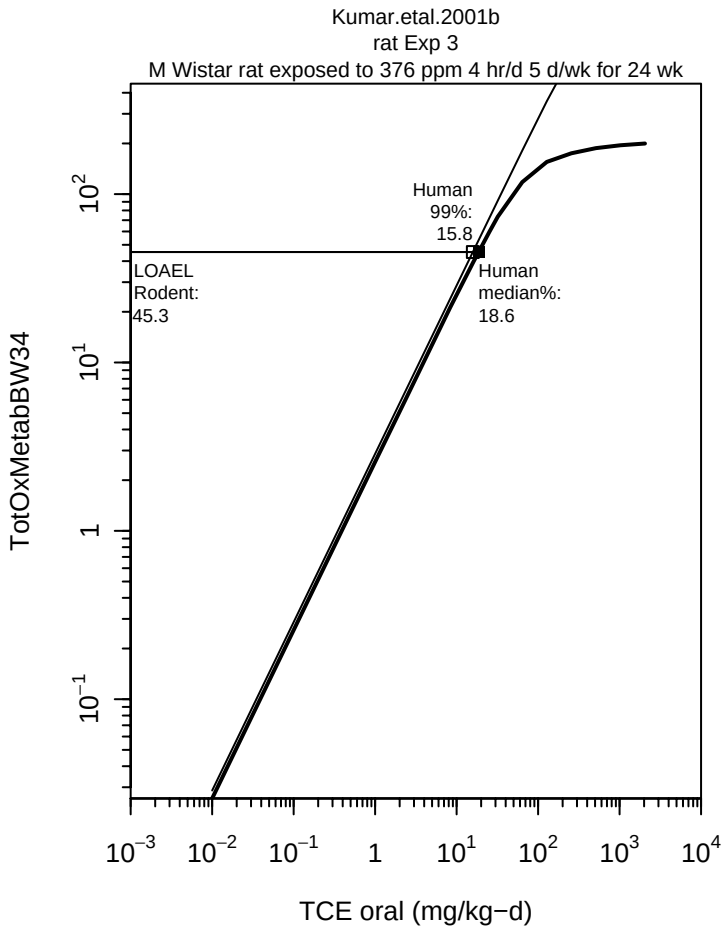

Woolhiser.etal.2006
BMDL for immunological PFC decreased.response in
F Sprague−Dawley rat
Human
99%:
91.3
BMDL
Rodent:
149
Human
median%:
282
AUCCBld
TCE oral (mg/kg−d)

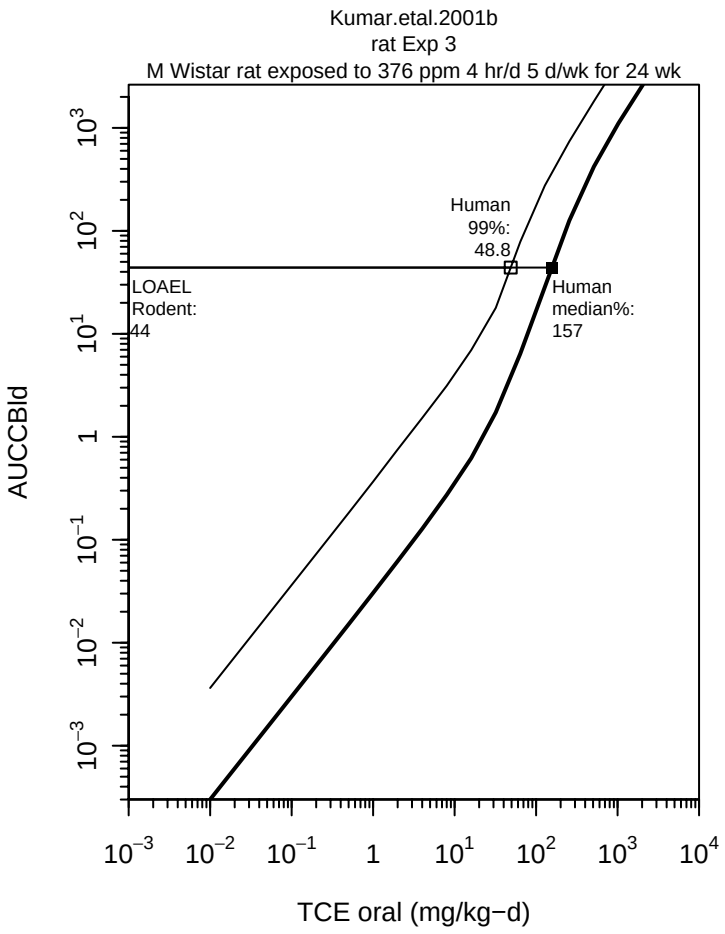

Xu.etal.2004
mouse Exp 1
M CD−1 mouse exposed to 1000 ppm 6 hr/d 5 d/wk for 6 wk
Human
99%:
73.3
LOAEL
Rodent:
211
Human
median%:
79.9
TotMetabBW34
TCE oral (mg/kg−d)

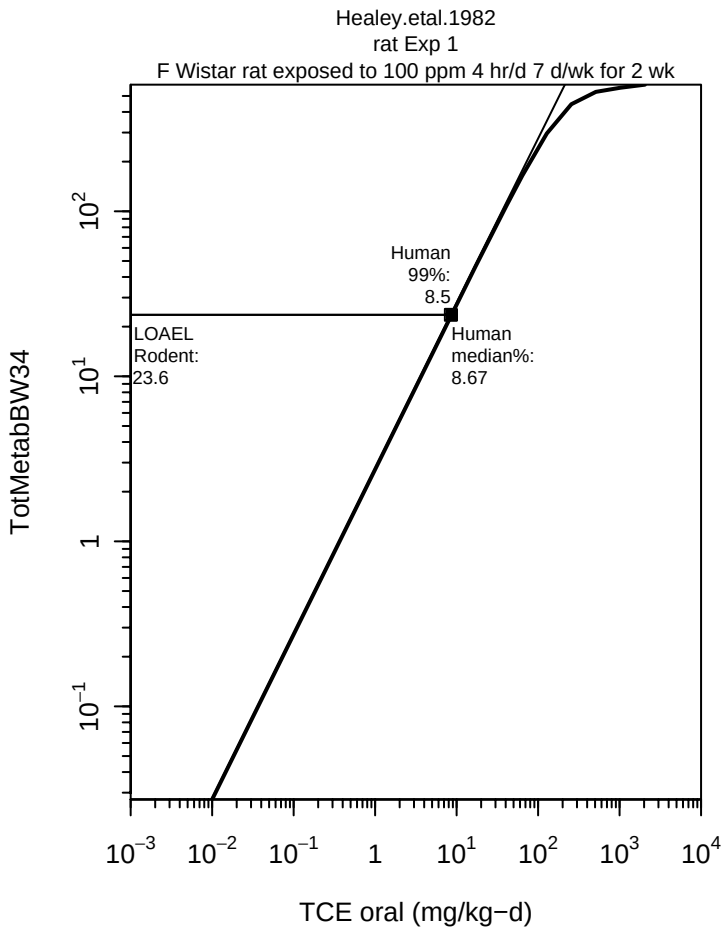

Xu.etal.2004
mouse Exp 1
M CD−1 mouse exposed to 1000 ppm 6 hr/d 5 d/wk for 6 wk
Human
99%:
74
LOAEL
Rodent:
209
Human
median%:
NA
TotOxMetabBW34
TCE oral (mg/kg−d)

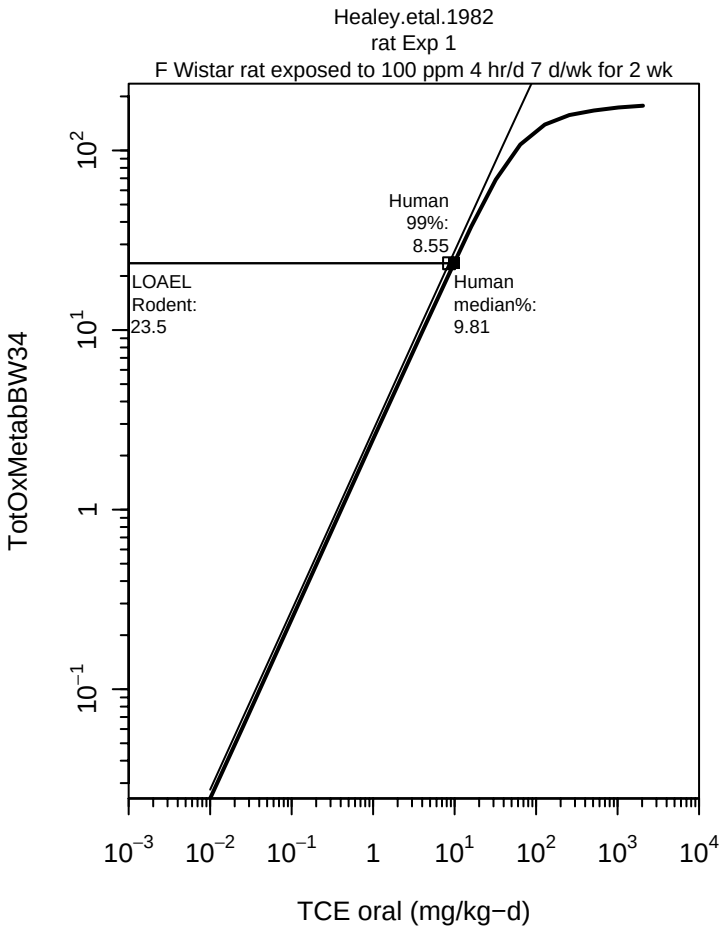

Xu.etal.2004
mouse Exp 1
M CD−1 mouse exposed to 1000 ppm 6 hr/d 5 d/wk for 6 wk
Human
99%:
104
LOAEL
Rodent:
190
Human
median%:
324
AUCCBld
TCE oral (mg/kg−d)

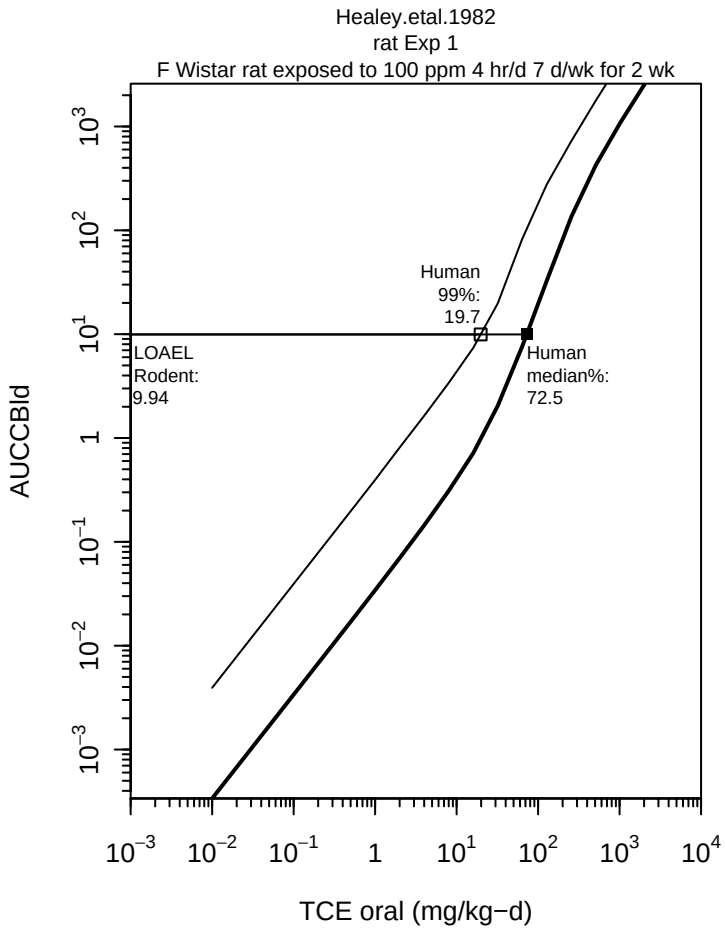

Kumar.etal.2001b
rat Exp 3
M Wistar rat exposed to 376 ppm 4 hr/d 5 d/wk for 24 wk
Human
99%:
15.8
LOAEL
Rodent:
45.6
Human
median%:
16.1
TotMetabBW34
TCE oral (mg/kg−d)

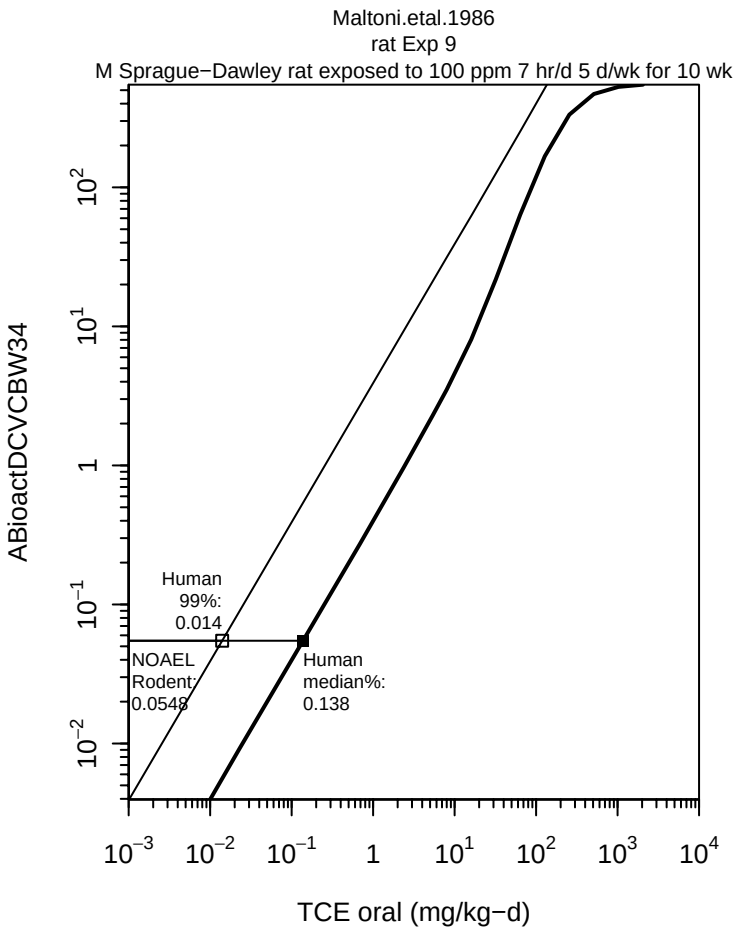

Kumar.etal.2001b
rat Exp 3
M Wistar rat exposed to 376 ppm 4 hr/d 5 d/wk for 24 wk
Human
99%:
15.8
LOAEL
Rodent:
45.3
Human
median%:
18.6
TotOxMetabBW34
TCE oral (mg/kg−d)

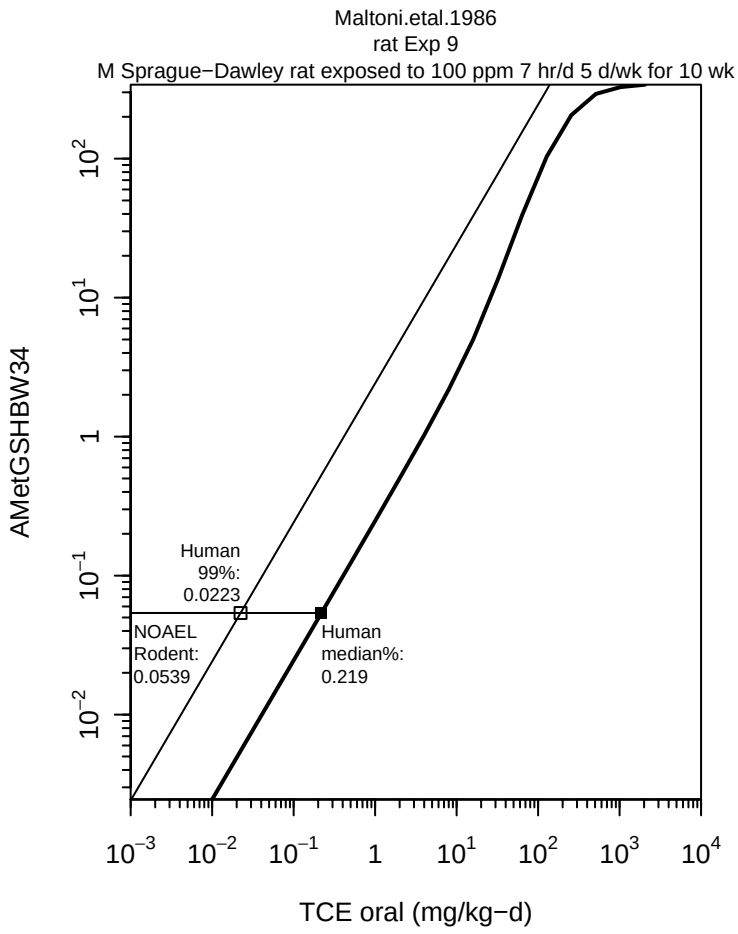

Kumar.etal.2001b
rat Exp 3
M Wistar rat exposed to 376 ppm 4 hr/d 5 d/wk for 24 wk
Human
99%:
48.8
LOAEL
Rodent:
44
Human
median%:
157
AUCCBld
TCE oral (mg/kg−d)

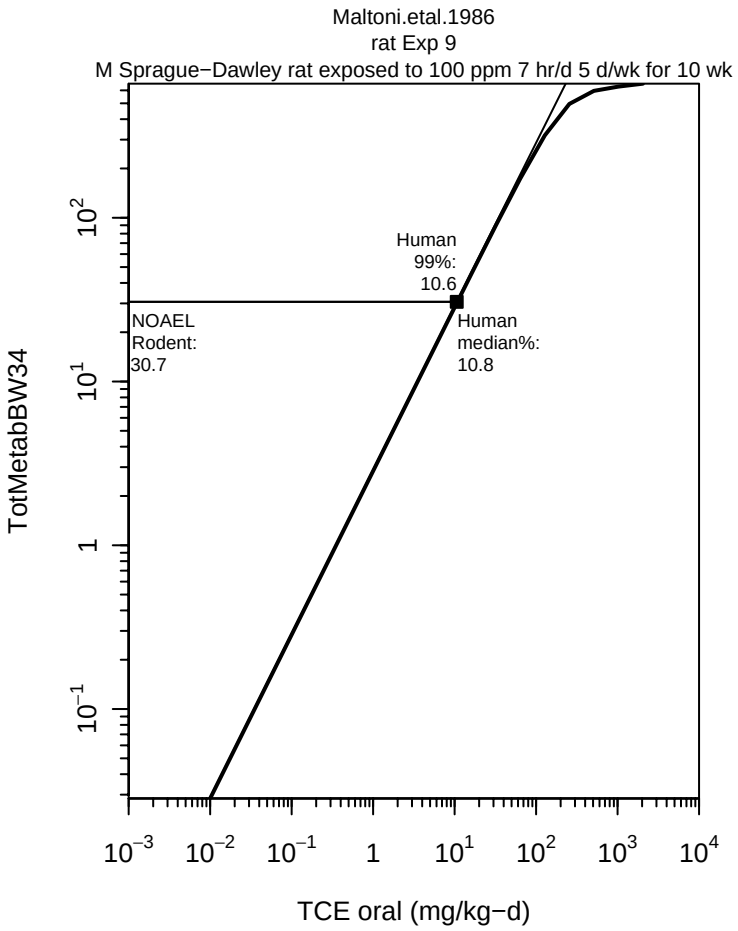

Healey.etal.1982
rat Exp 1
F Wistar rat exposed to 100 ppm 4 hr/d 7 d/wk for 2 wk
Human
99%:
8.5
LOAEL
Rodent:
23.6
Human
median%:
8.67
TotMetabBW34
TCE oral (mg/kg−d)

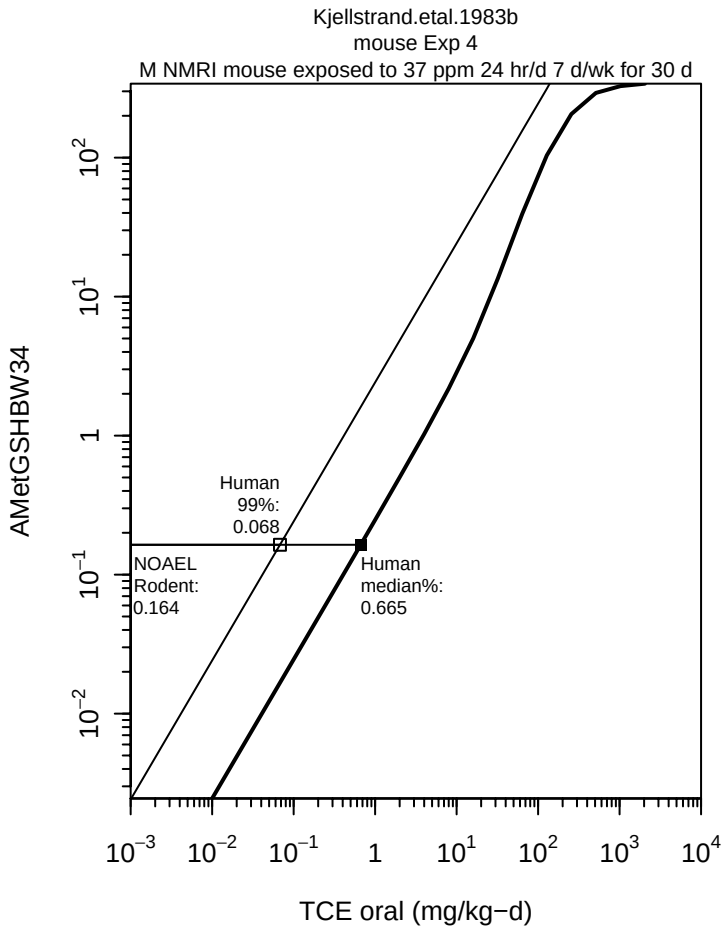

Healey.etal.1982
rat Exp 1
F Wistar rat exposed to 100 ppm 4 hr/d 7 d/wk for 2 wk
TotOxMetabBW34
TCE oral (mg/kg−d)
Human
99%:
8.55
LOAEL
Rodent:
23.5
Human
median%:
9.81

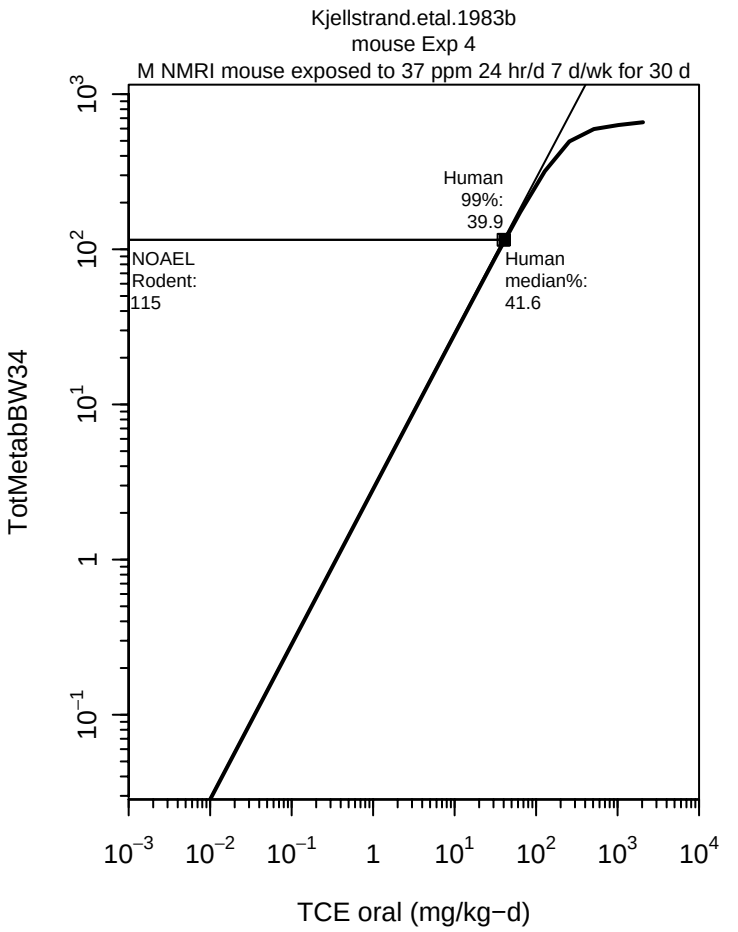

Healey.etal.1982
rat Exp 1
F Wistar rat exposed to 100 ppm 4 hr/d 7 d/wk for 2 wk
AUCCBld
TCE oral (mg/kg−d)
Human
99%:
19.7
LOAEL
Rodent:
9.94
Human
median%:
72.5

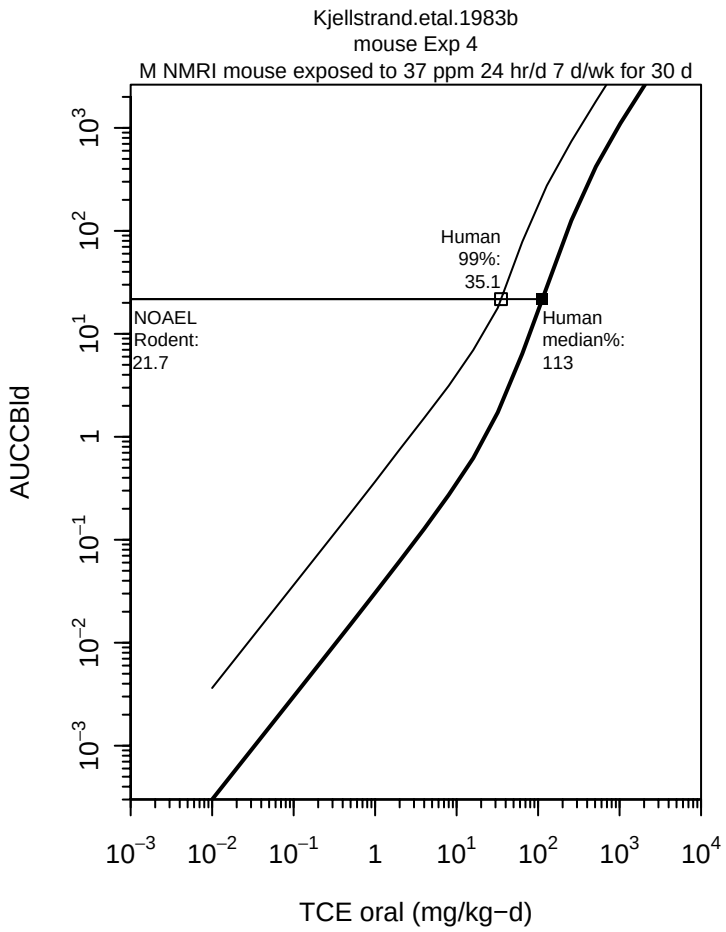

Maltoni.etal.1986
rat Exp 9
M Sprague−Dawley rat exposed to 100 ppm 7 hr/d 5 d/wk for 10 wk
ABioactDCVCBW34
TCE oral (mg/kg−d)
Human
99%:
0.014
NOAEL
Rodent:
0.0548
Human
median%:
0.138

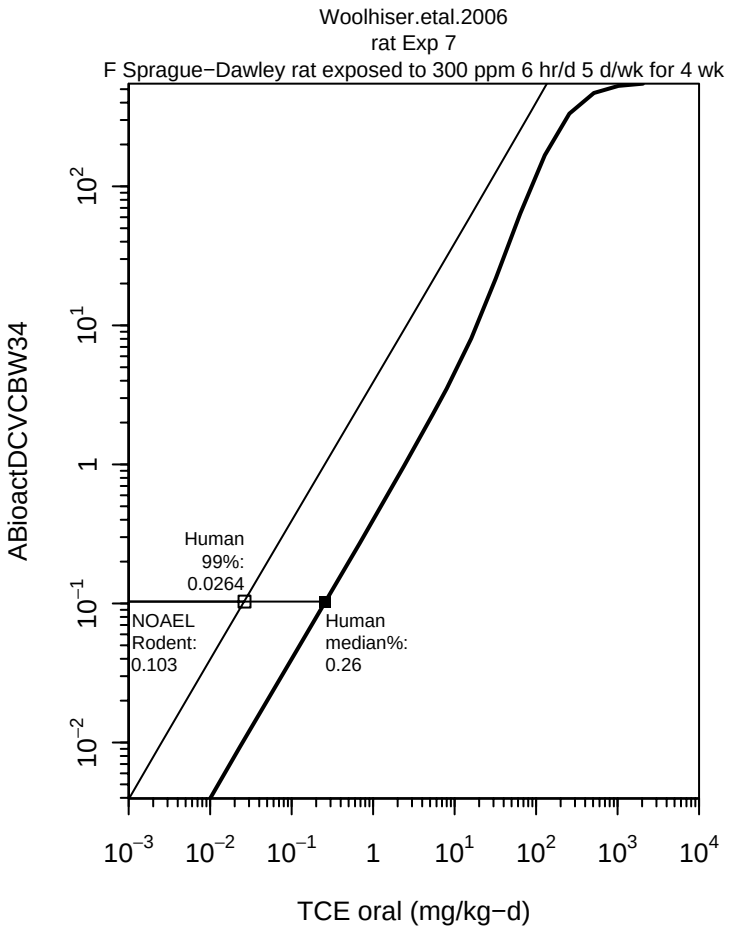

Maltoni.etal.1986
rat Exp 9
M Sprague−Dawley rat exposed to 100 ppm 7 hr/d 5 d/wk for 10 wk
AMetGSHBW34
TCE oral (mg/kg−d)
Human
99%:
0.0223
NOAEL
Rodent:
0.0539
Human
median%:
0.219

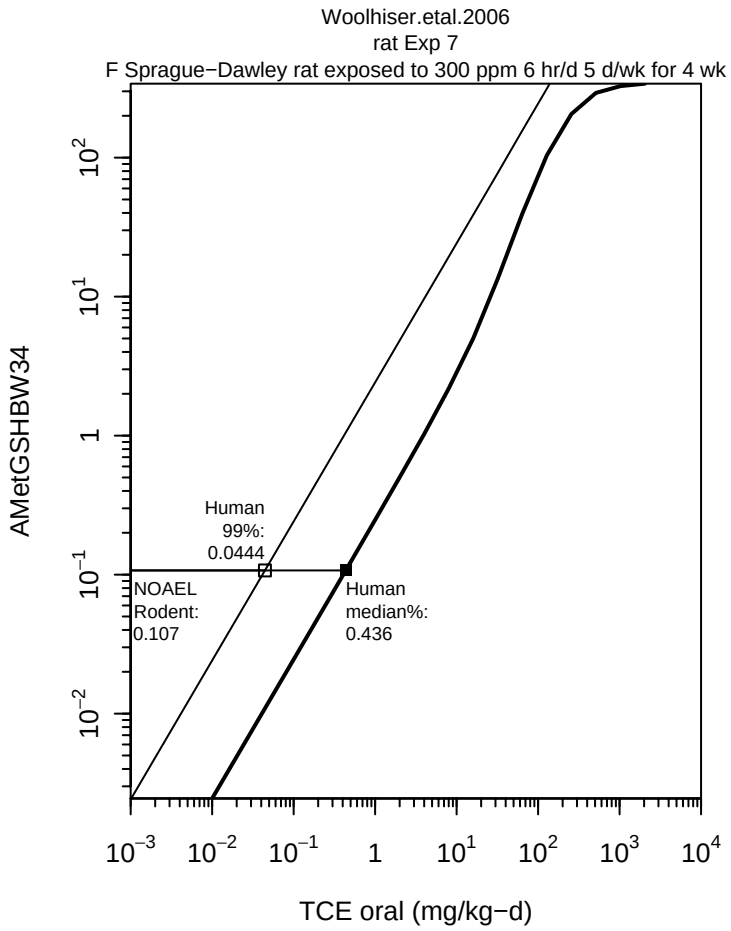

Maltoni.etal.1986
rat Exp 9
M Sprague−Dawley rat exposed to 100 ppm 7 hr/d 5 d/wk for 10 wk
Human
99%:
10.6
NOAEL
Rodent:
30.7
Human
median%:
10.8
TotMetabBW34
TCE oral (mg/kg−d)

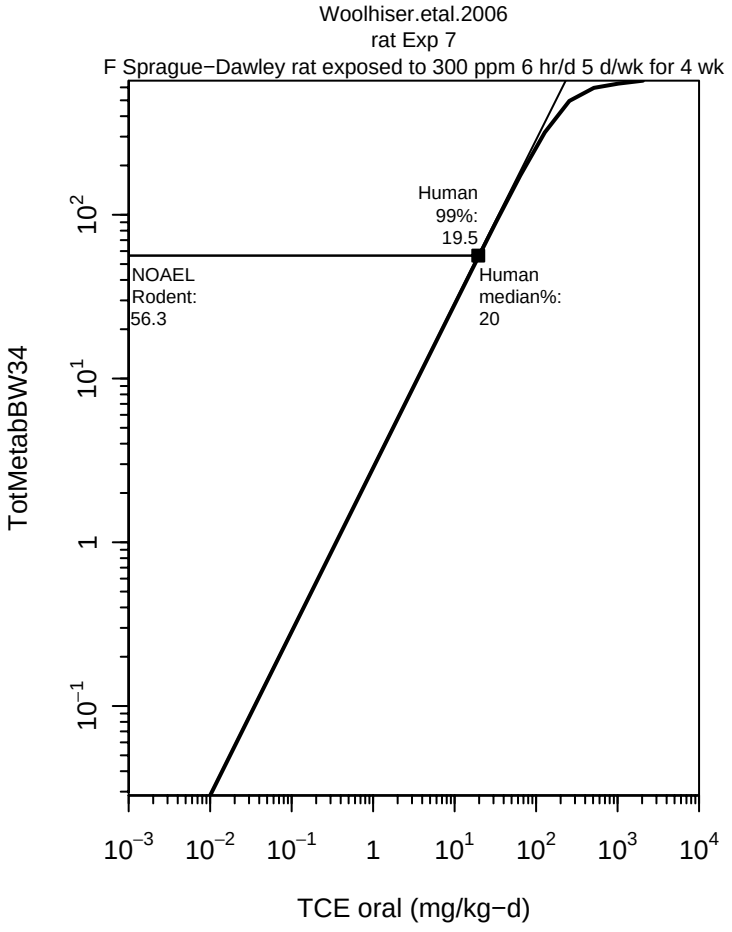

Kjellstrand.etal.1983b
mouse Exp 4
M NMRI mouse exposed to 37 ppm 24 hr/d 7 d/wk for 30 d
Human
99%:
0.068
NOAEL
Rodent:
0.164
Human
median%:
0.665
AMetGSHBW34
TCE oral (mg/kg−d)

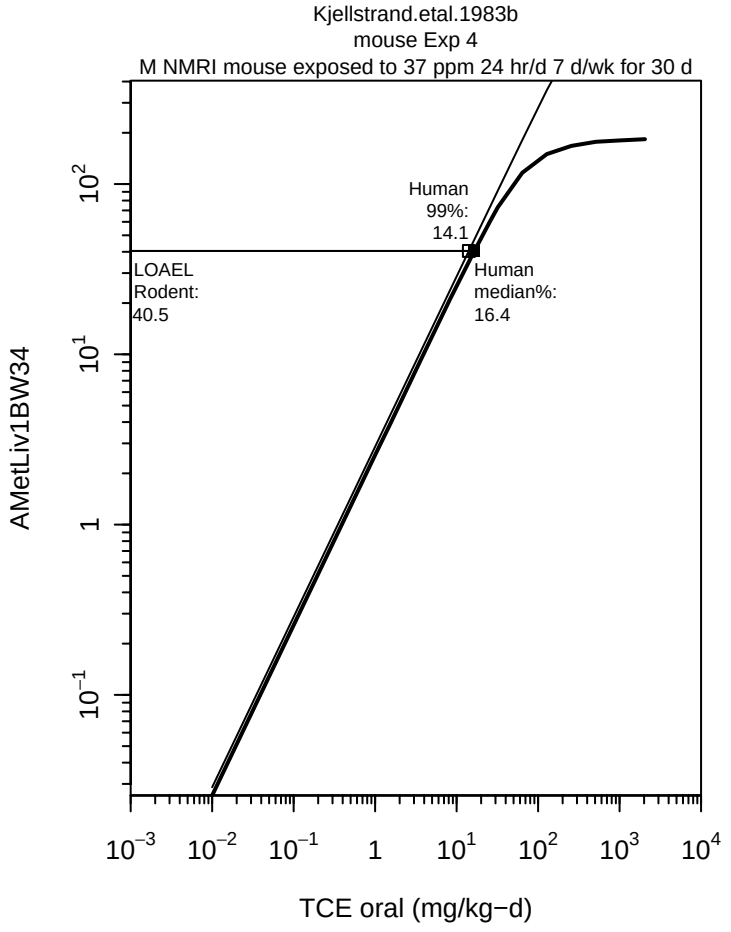

Kjellstrand.etal.1983b
mouse Exp 4
M NMRI mouse exposed to 37 ppm 24 hr/d 7 d/wk for 30 d
Human
99%:
39.9
NOAEL
Rodent:
115
Human
median%:
41.6
TotMetabBW34
TCE oral (mg/kg−d)

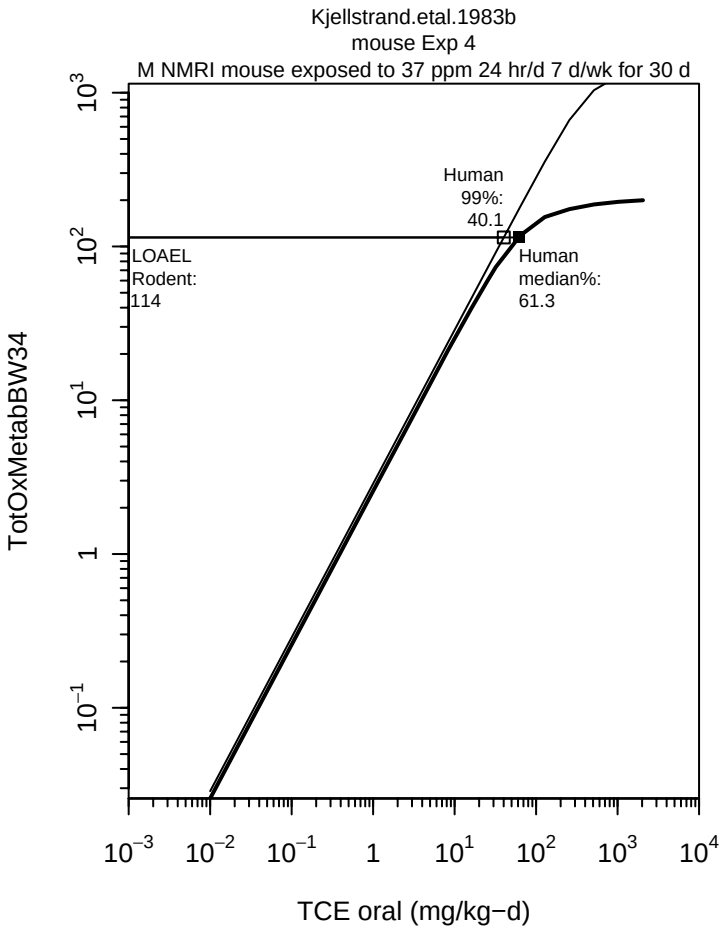

Kjellstrand.etal.1983b
mouse Exp 4
M NMRI mouse exposed to 37 ppm 24 hr/d 7 d/wk for 30 d
Human
99%:
35.1
NOAEL
Rodent:
21.7
Human
median%:
113
AUCCBld
TCE oral (mg/kg−d)

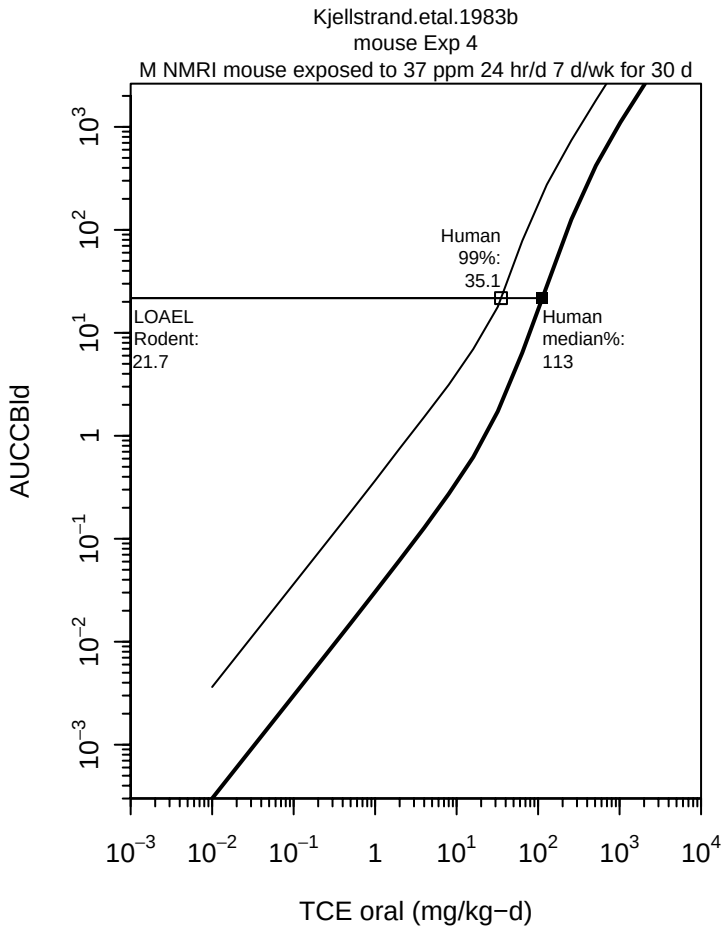

Woolhiser.etal.2006
rat Exp 7
F Sprague−Dawley rat exposed to 300 ppm 6 hr/d 5 d/wk for 4 wk
ABioactDCVCBW34
Human
99%:
0.0264
NOAEL
Rodent:
0.103
Human
median%:
0.26
TCE oral (mg/kg−d)

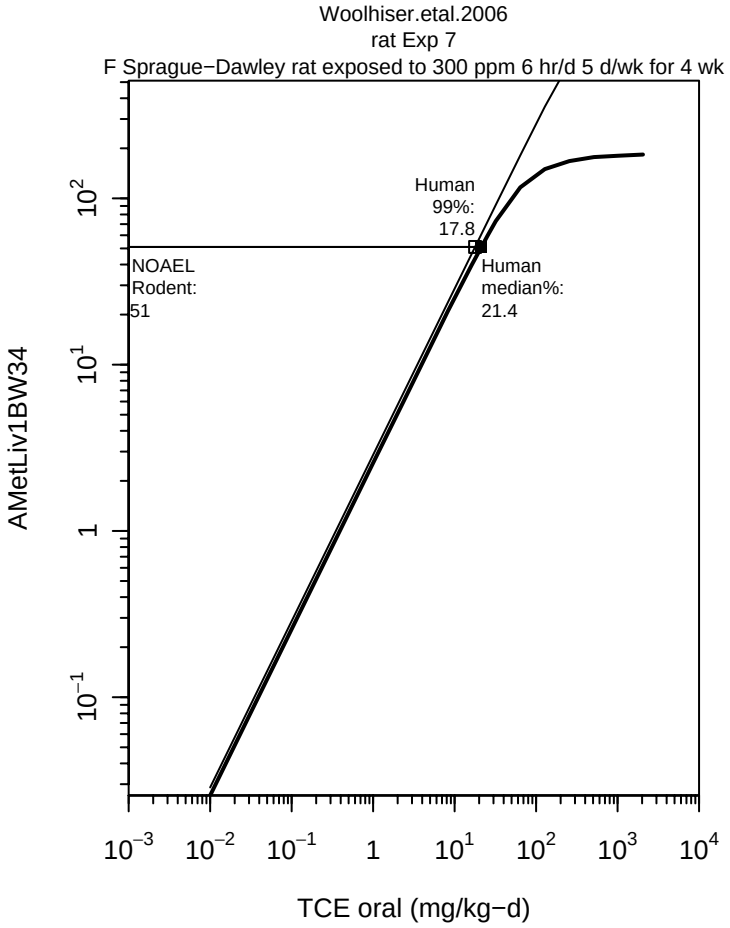

Woolhiser.etal.2006
rat Exp 7
F Sprague−Dawley rat exposed to 300 ppm 6 hr/d 5 d/wk for 4 wk
AMetGSHBW34
Human
99%:
0.0444
NOAEL
Rodent:
0.107
Human
median%:
0.436
TCE oral (mg/kg−d)

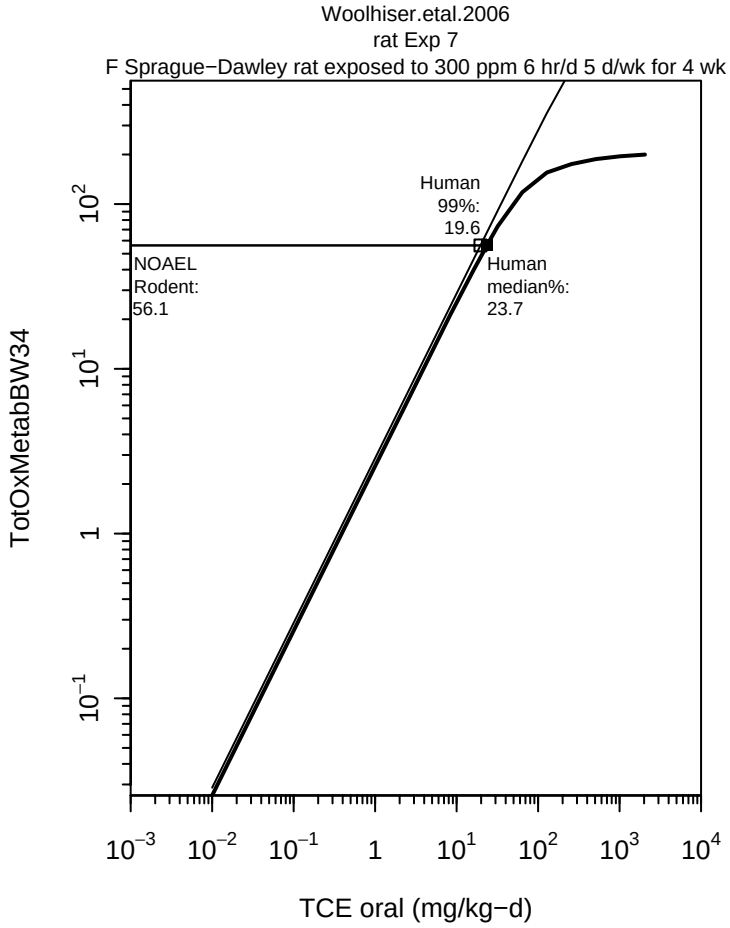

Woolhiser.etal.2006
rat Exp 7
F Sprague−Dawley rat exposed to 300 ppm 6 hr/d 5 d/wk for 4 wk
TotMetabBW34
Human
99%:
19.5
NOAEL
Rodent:
56.3
Human
median%:
20
TCE oral (mg/kg−d)

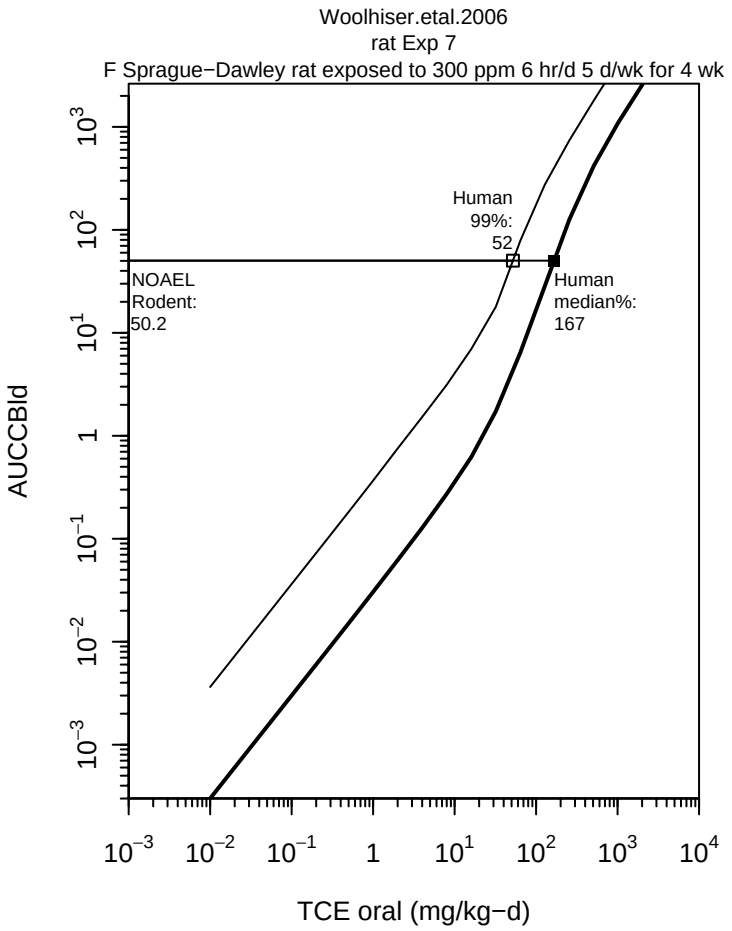

Kjellstrand.etal.1983b
mouse Exp 4
M NMRI mouse exposed to 37 ppm 24 hr/d 7 d/wk for 30 d
AMetLiv1BW34
Human
99%:
14.1
LOAEL
Rodent:
40.5
Human
median%:
16.4
TCE oral (mg/kg−d)

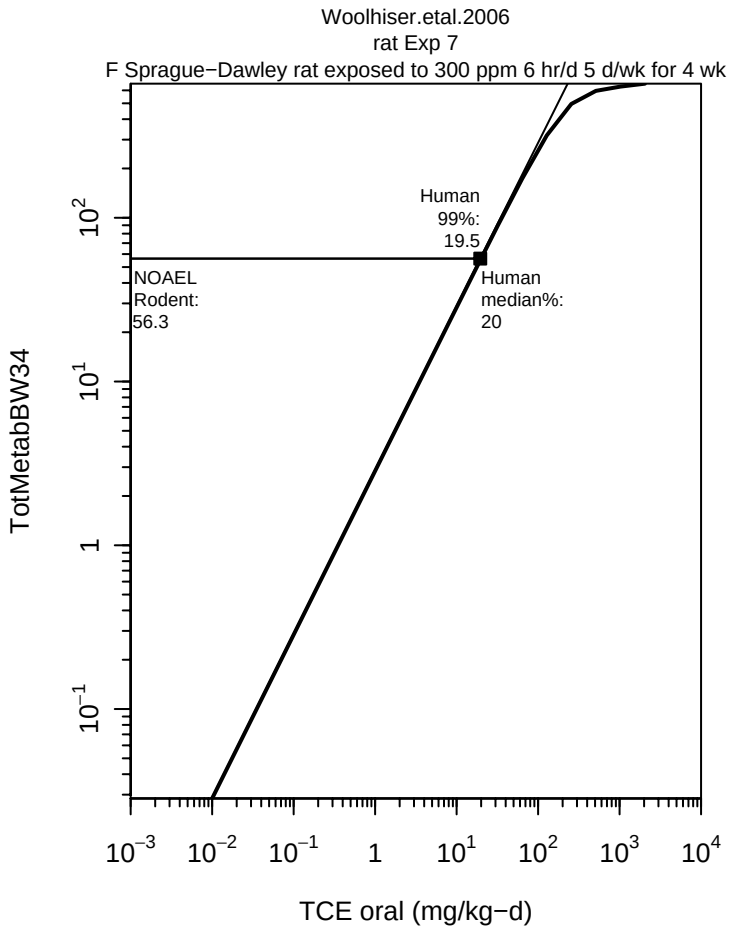

Kjellstrand.etal.1983b
mouse Exp 4
M NMRI mouse exposed to 37 ppm 24 hr/d 7 d/wk for 30 d
Human
99%:
40.1
LOAEL
Rodent:
114
Human
median%:
61.3
TotOxMetabBW34
TCE oral (mg/kg−d)

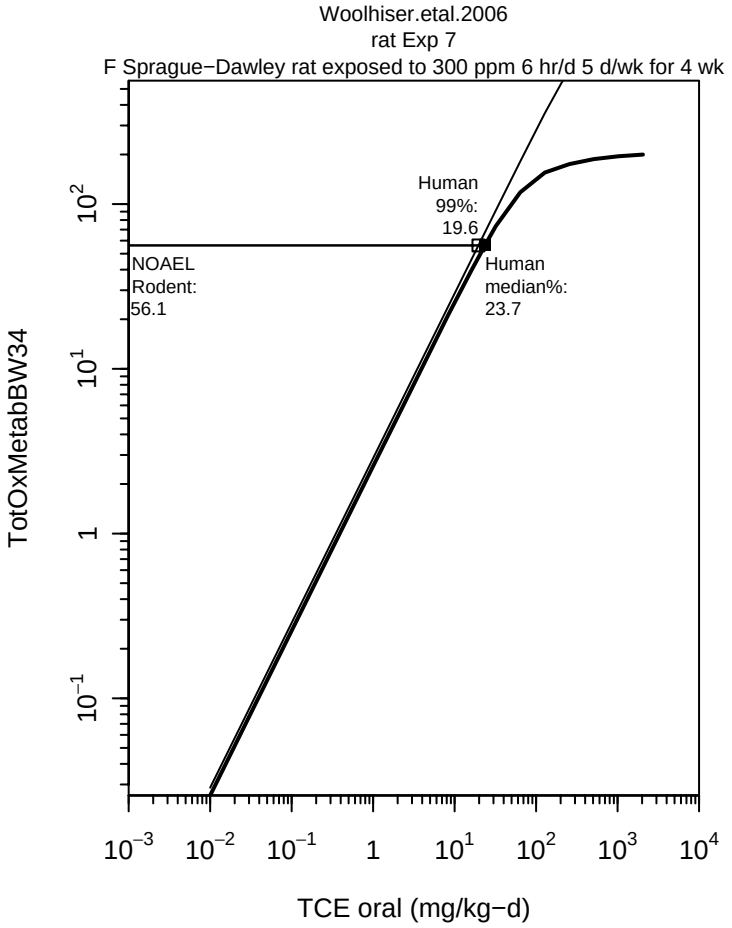

Kjellstrand.etal.1983b
mouse Exp 4
M NMRI mouse exposed to 37 ppm 24 hr/d 7 d/wk for 30 d
Human
99%:
35.1
LOAEL
Rodent:
21.7
Human
median%:
113
AUCCBld
TCE oral (mg/kg−d)

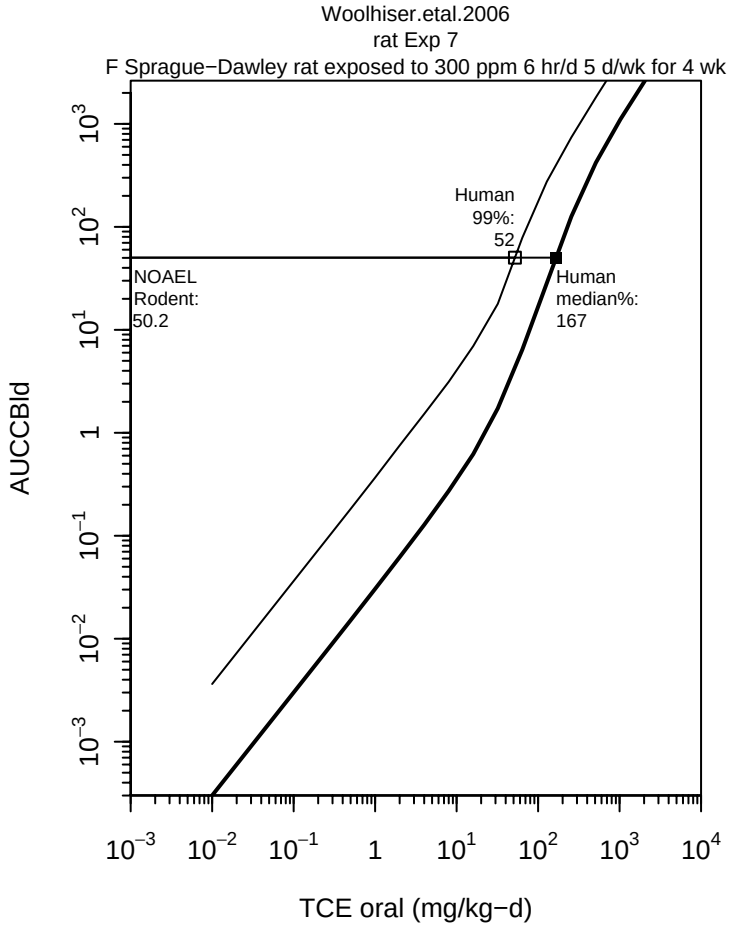

Woolhiser.etal.2006
rat Exp 7
F Sprague−Dawley rat exposed to 300 ppm 6 hr/d 5 d/wk for 4 wk
Human
99%:
17.8
NOAEL
Rodent:
51
Human
median%:
21.4
AMetLiv1BW34
TCE oral (mg/kg−d)


Woolhiser.etal.2006
rat Exp 7
F Sprague−Dawley rat exposed to 300 ppm 6 hr/d 5 d/wk for 4 wk
Human
99%:
19.6
NOAEL
Rodent:
56.1
Human
median%:
23.7
TotOxMetabBW34
TCE oral (mg/kg−d)


Woolhiser.etal.2006
rat Exp 7
F Sprague−Dawley rat exposed to 300 ppm 6 hr/d 5 d/wk for 4 wk
AUCCBld
TCE oral (mg/kg−d)
Human
99%:
52
NOAEL
Rodent:
50.2
Human
median%:
167


Woolhiser.etal.2006
rat Exp 7
F Sprague−Dawley rat exposed to 300 ppm 6 hr/d 5 d/wk for 4 wk
TotMetabBW34
TCE oral (mg/kg−d)
Human
99%:
19.5
NOAEL
Rodent:
56.3
Human
median%:
20


Woolhiser.etal.2006
rat Exp 7
F Sprague−Dawley rat exposed to 300 ppm 6 hr/d 5 d/wk for 4 wk
TotOxMetabBW34
TCE oral (mg/kg−d)
Human
99%:
19.6
NOAEL
Rodent:
56.1
Human
median%:
23.7


Woolhiser.etal.2006
rat Exp 7
F Sprague−Dawley rat exposed to 300 ppm 6 hr/d 5 d/wk for 4 wk
AUCCBld
TCE oral (mg/kg−d)
Human
99%:
52
NOAEL
Rodent:
50.2
Human
median%:
167