

Model fitting was performed in Monolix 2021 R1. Software recommendations were used to select error and correlation models (where applicable).

## ADRENAL

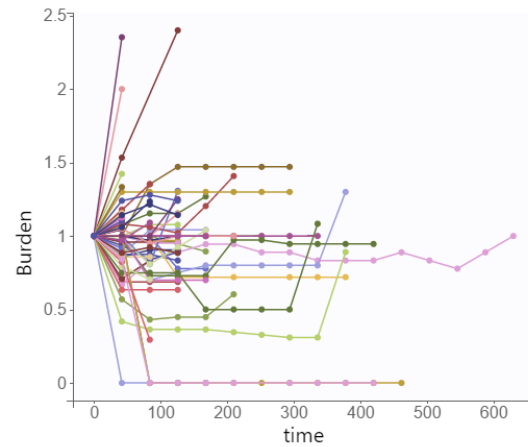
### Parameter estimates

Recommended error model: CONSTANT

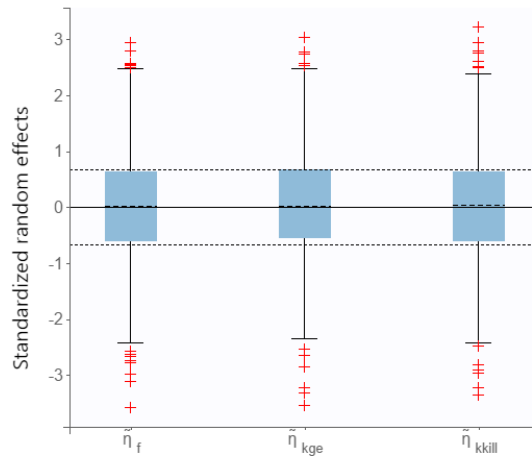
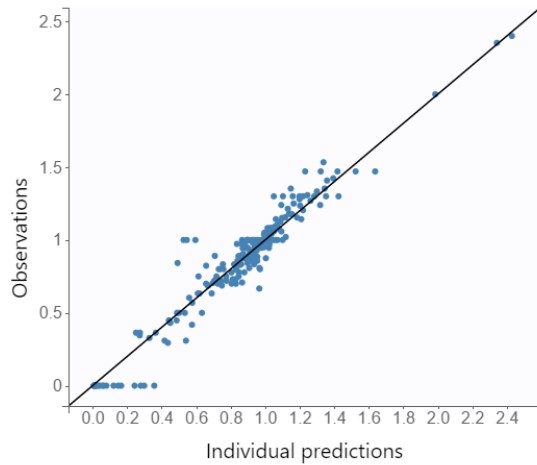
	VALUE	S.E.	R.S.E.(%)
<b>Fixed Effects</b>			
f_pop	0.1	0.13	124
kge_pop	0.0019	0.00086	44.5
kkill_pop	0.00079	0.00045	56.9
<b>Standard Deviation of the Random Effects</b>			
omega_f	5.3	3.6	67.9
omega_kge	1.06	0.21	19.5
omega_kkill	2.2	0.36	16.3
<b>Error Model Parameters</b>			
a	0.1	0.0044	4.36

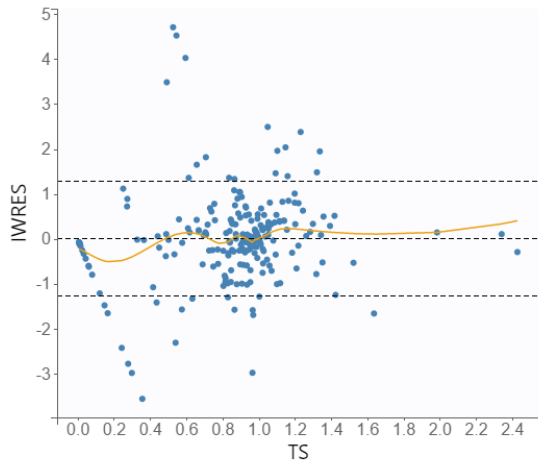
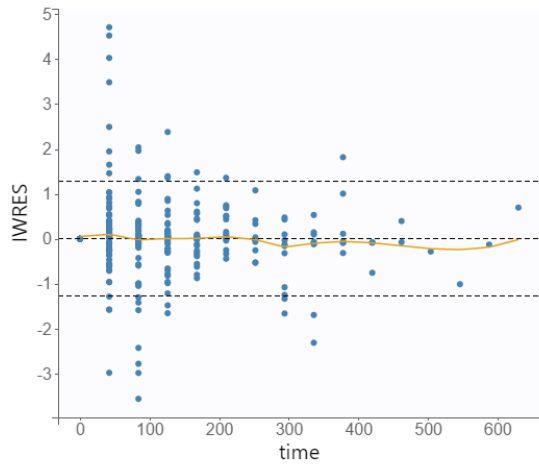
### Observations

Normalized lesion diameter

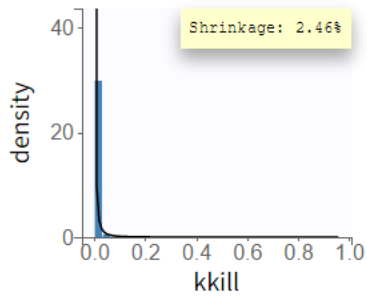
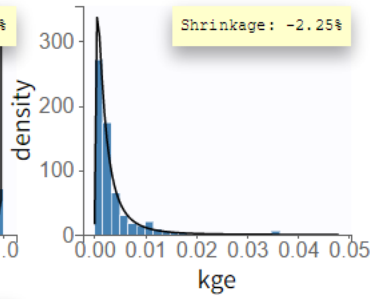
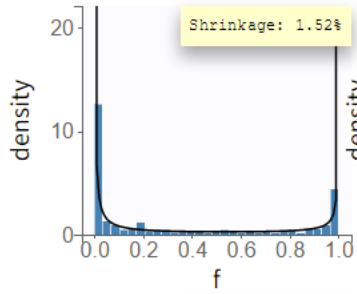


### Diagnostic plots





**Individual parameter estimates**



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## BONE

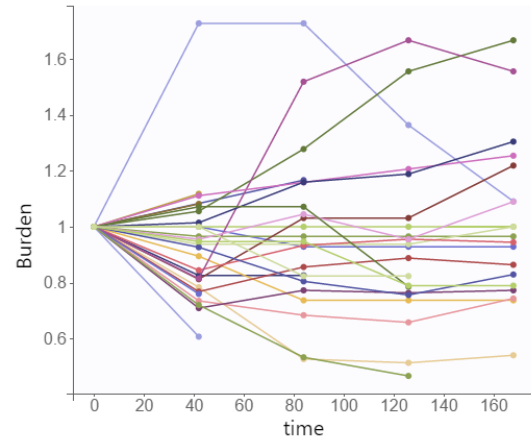
### Parameter estimates

Recommended error model: PROPORTIONAL

	VALUE	S.E.	R.S.E.(%)
<b>Fixed Effects</b>			
f_pop	0.72	0.1	13.8
kge_pop	0.00079	0.00036	45
kkill_pop	0.0078	0.0048	61.9
<b>Standard Deviation of the Random Effects</b>			
omega_f	1.02	0.29	28.4
omega_kge	1.13	0.32	28.5
omega_kkill	1.18	0.5	42.2
<b>Error Model Parameters</b>			
b	0.1	0.0083	8.03

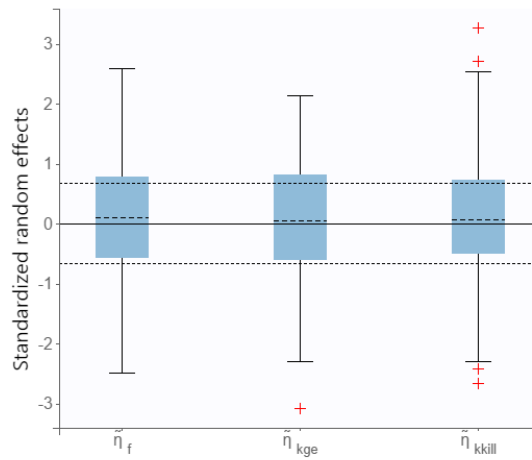
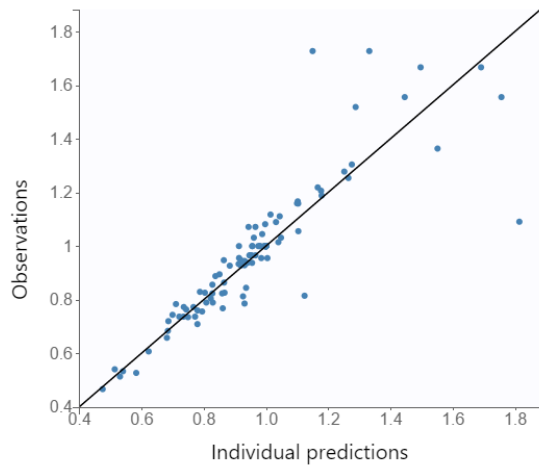
### Observations

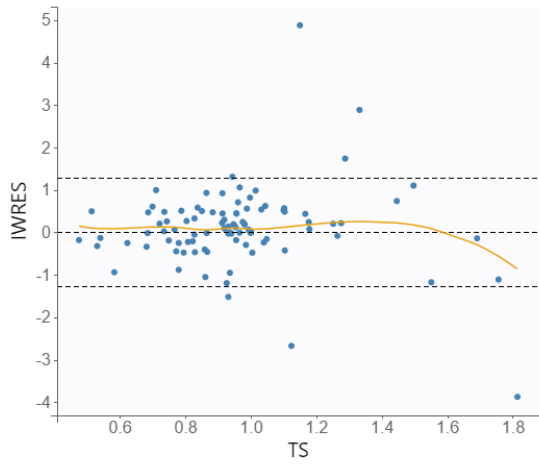
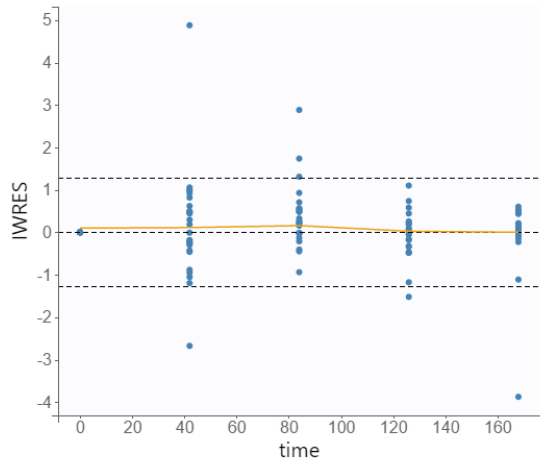
Normalized lesion diameter



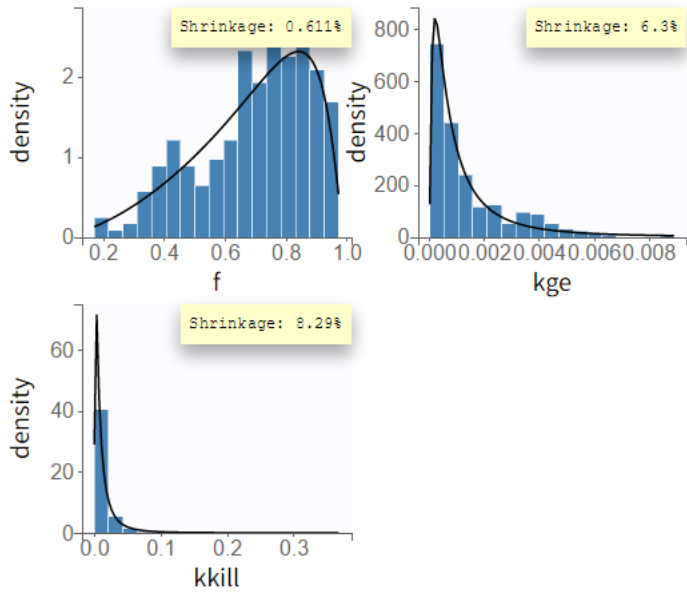
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### Diagnostic plots





**Individual parameter estimates**



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## LIVER

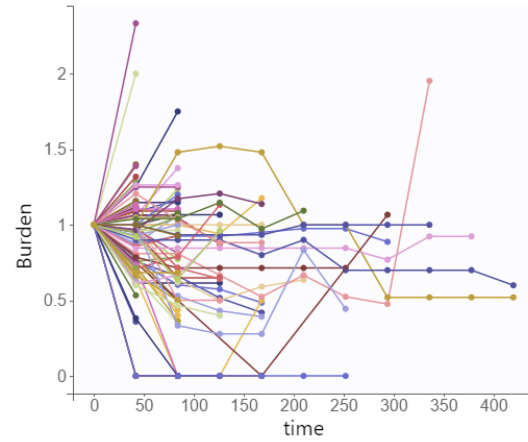
### Parameter estimates

Recommended error model: CONSTANT

	VALUE	S.E.	R.S.E.(%)
<b>Fixed Effects</b>			
f_pop	0.06	0.061	102
kge_pop	0.0034	0.00220	64.9
kkill_pop	0.0024	0.001	43.9
<b>Standard Deviation of the Random Effects</b>			
omega_f	2.8	0.81	28.8
omega_kge	1.01	0.29	29
omega_kkill	1.79	0.29	16.2
<b>Error Model Parameters</b>			
a	0.12	0.0063	5.05

### Observations

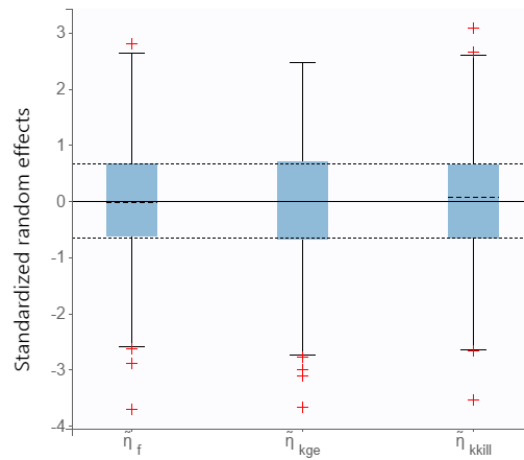
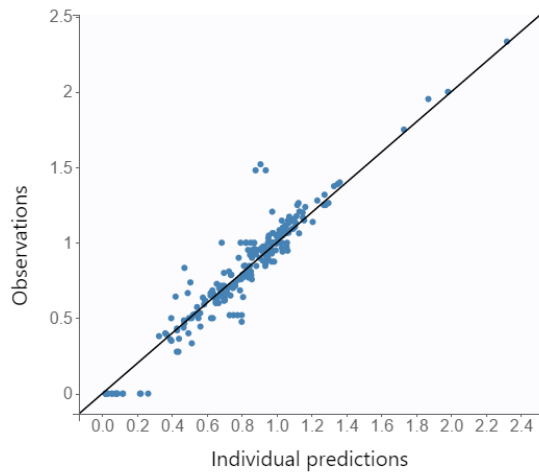
Normalized lesion diameter

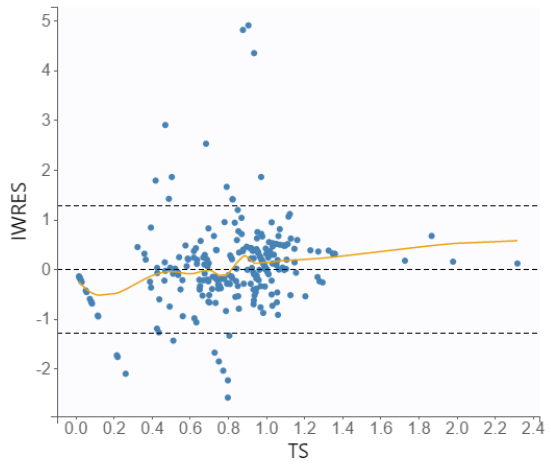
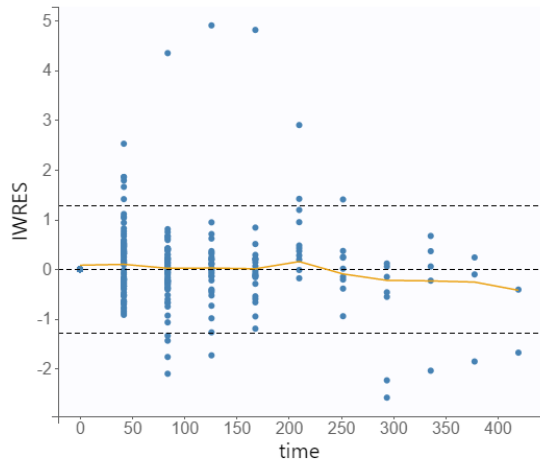


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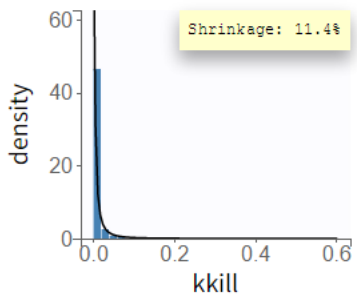
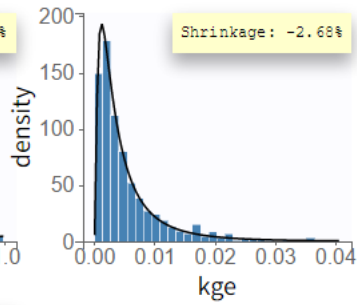
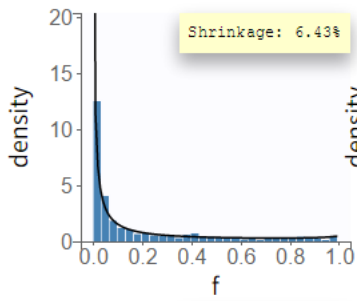
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### Diagnostic plots





**Individual parameter estimates**



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## LUNG

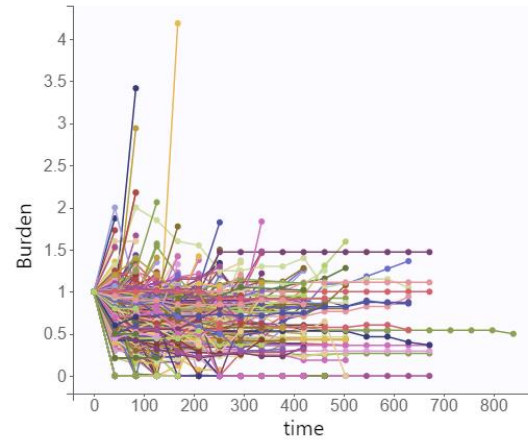
### Parameter estimates

Recommended error model: CONSTANT

	VALUE	S.E.	R.S.E.(%)
<b>Fixed Effects</b>			
f_pop	0.27	0.028	10.3
kge_pop	0.0013	0.00016	12.9
kkill_pop	0.0091	0.00071	7.74
<b>Standard Deviation of the Random Effects</b>			
omega_f	2.16	0.1	4.66
omega_kge	1.57	0.083	5.3
omega_kkill	1.24	0.063	5.11
<b>Correlations</b>			
corr_kge_f	-0.64	0.038	5.92
<b>Error Model Parameters</b>			
a	0.095	0.0013	1.4

### Observations

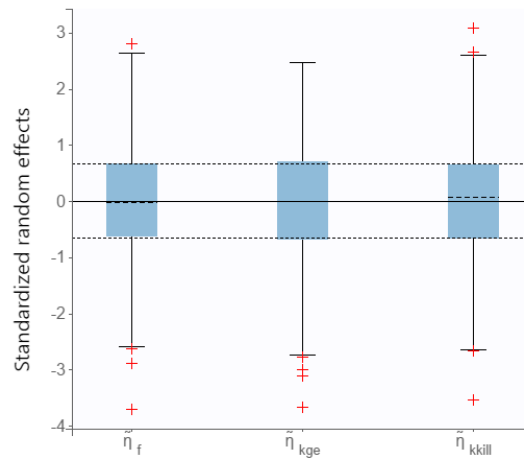
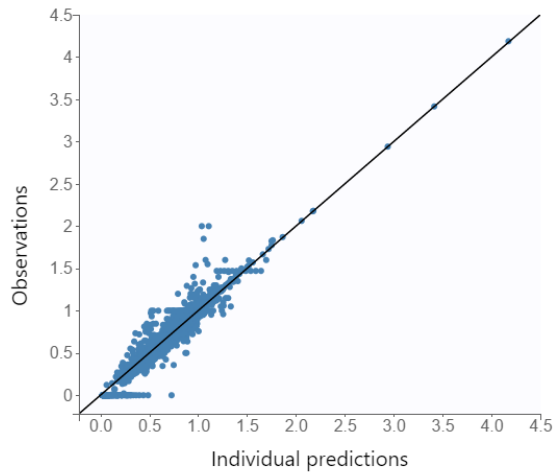
Normalized lesion diameter

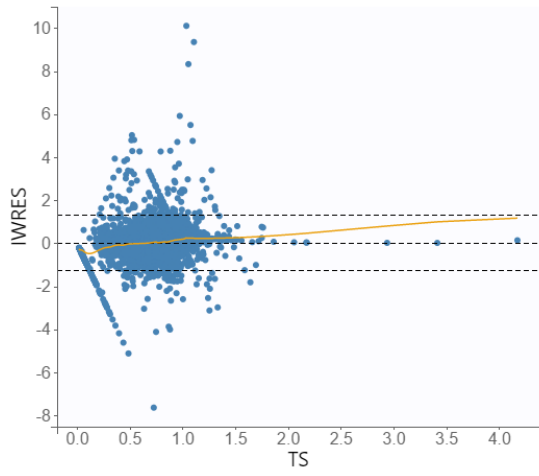
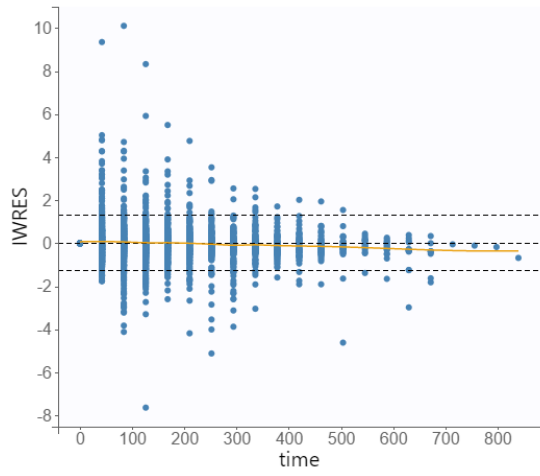


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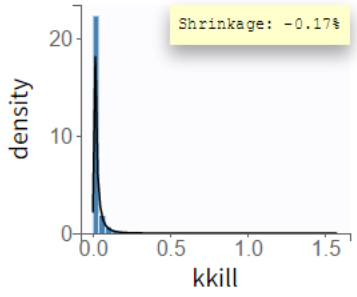
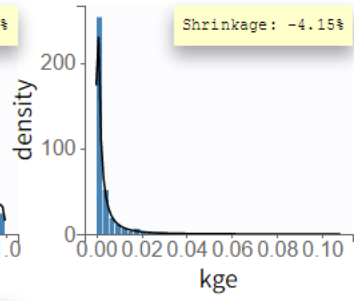
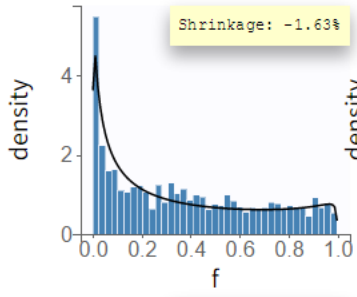
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### Diagnostic plots





### Individual parameter estimates





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## LYMPH NODES

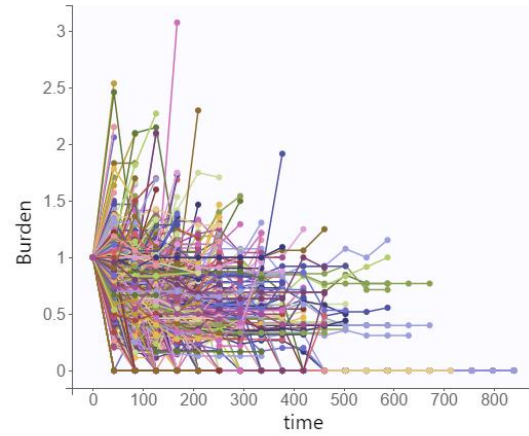
### Parameter estimates

Recommended error model: CONSTANT

	VALUE	S.E.	R.S.E.(%)
<b>Fixed Effects</b>			
f_pop	0.14	0.026	18.2
kge_pop	0.0006	0.00010	15.8
kkill_pop	0.0086	0.00079	9.19
<b>Standard Deviation of the Random Effects</b>			
omega_f	3.17	0.18	5.56
omega_kge	1.72	0.1	5.84
omega_kkill	1.43	0.077	5.38
<b>Correlations</b>			
corr_kkill_f	0.41	0.077	18.5
<b>Error Model Parameters</b>			
a	0.11	0.0014	1.21

### Observations

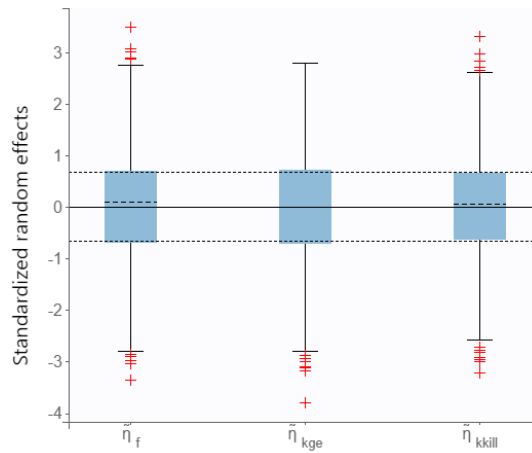
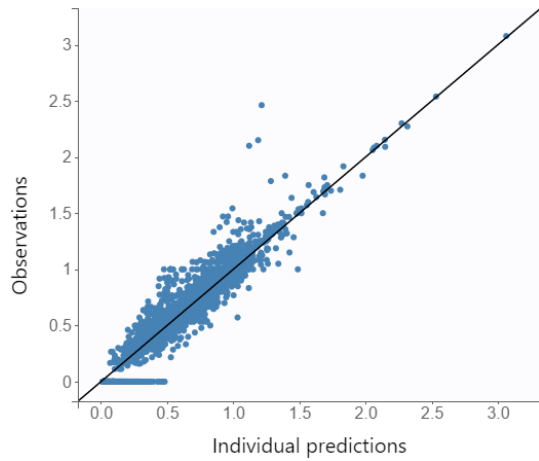
Normalized lesion diameter

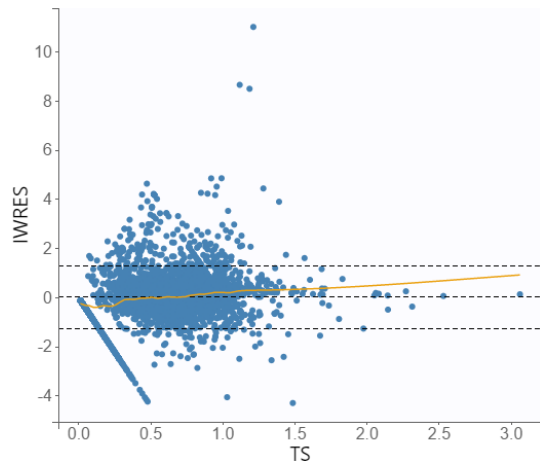
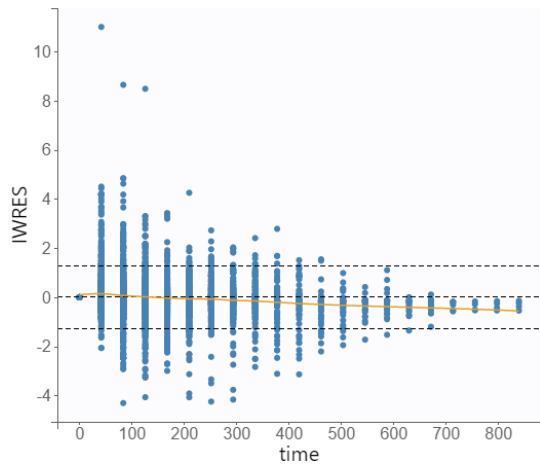


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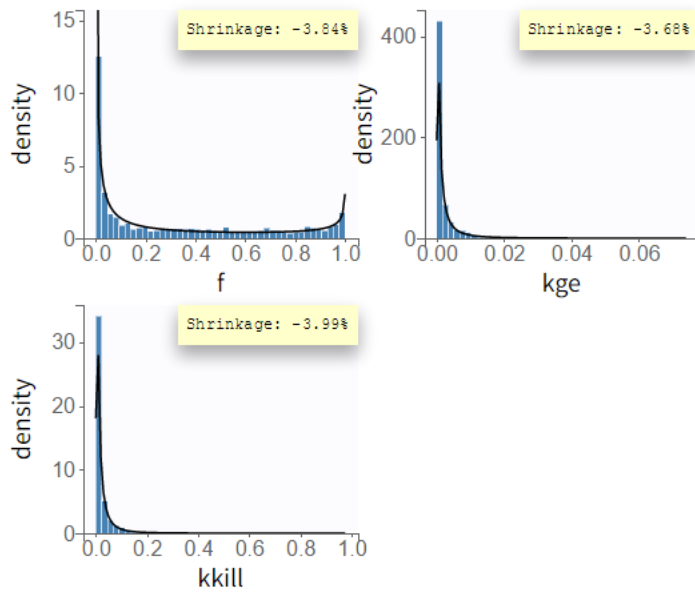
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## Diagnostic plots





### Individual parameter estimates



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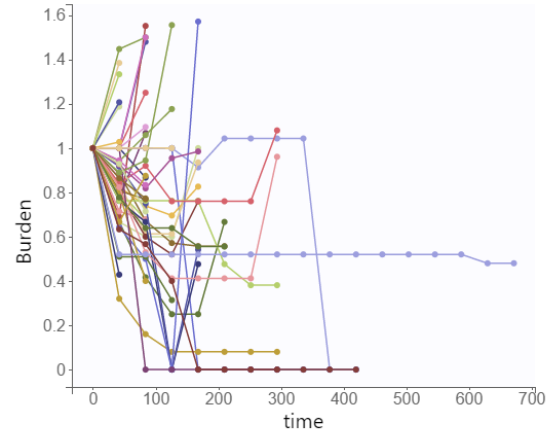
## OTHER

### Parameter estimates

Recommended error model: CONSTANT

	VALUE	S.E.	R.S.E.(%)
<b>Fixed Effects</b>			
f_pop	0.047	0.052	109
kge_pop	0.0033	0.00240	72.3
kkill_pop	0.0051	0.00097	19.1
<b>Standard Deviation of the Random Effects</b>			
omega_f	3.8	1.18	30.9
omega_kge	1.28	0.44	34.3
omega_kkill	0.79	0.14	17.5
<b>Error Model Parameters</b>			
a	0.16	0.0092	5.9

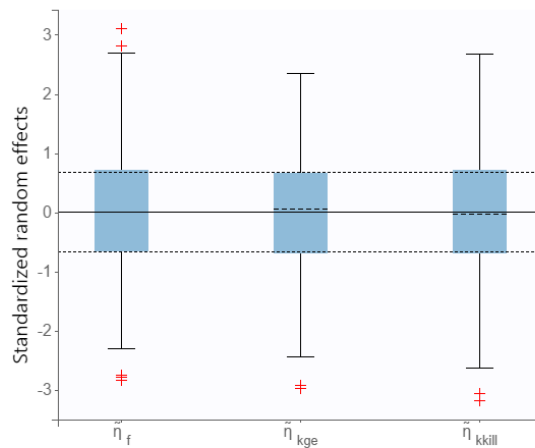
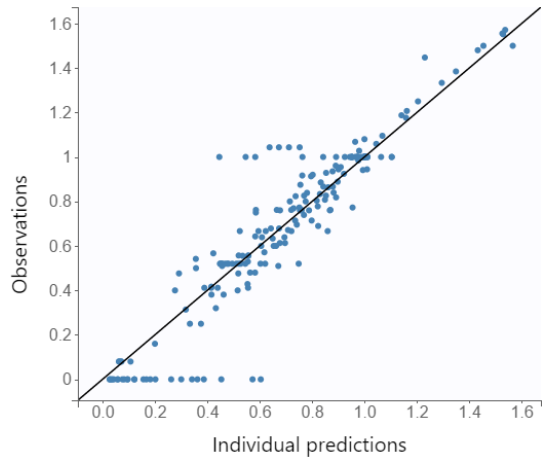
### Normalized lesion diameter

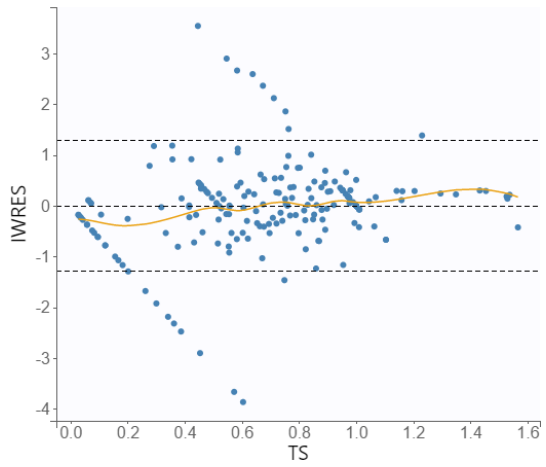
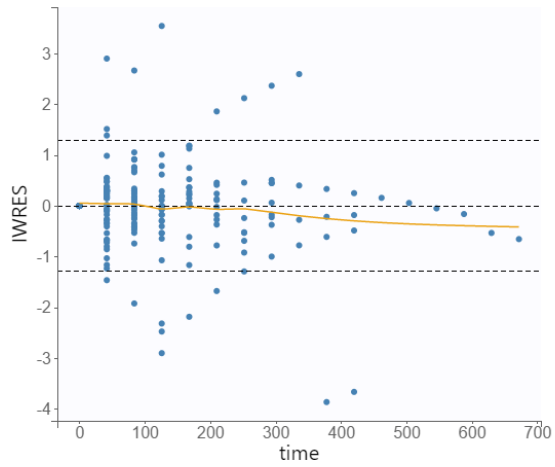


## Observations

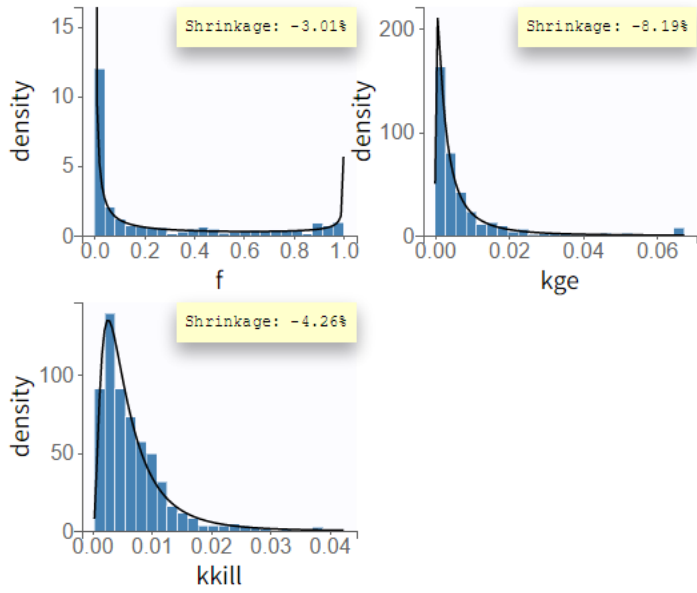
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### Diagnostic plots





### Individual parameter estimates



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## PLEURA

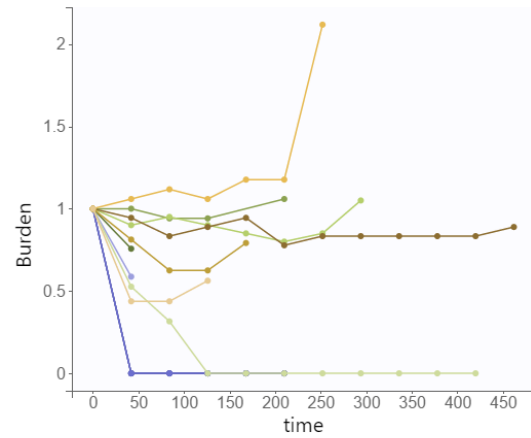
### Parameter estimates

Recommended error model: PROPORTIONAL

	VALUE	S.E.	R.S.E.(%)
<b>Fixed Effects</b>			
f_pop	0.1	NA	NA
kge_pop	2E-06	4.6E-06	229
kkill_pop	0.28	1.35	486
<b>Standard Deviation of the Random Effects</b>			
omega_f	275.77	174.31	63.2
omega_kge	1.88	1.5	79.6
omega_kkill	7.96	5.63	70.7
<b>Error Model Parameters</b>			
b	0.53	0.052	9.86

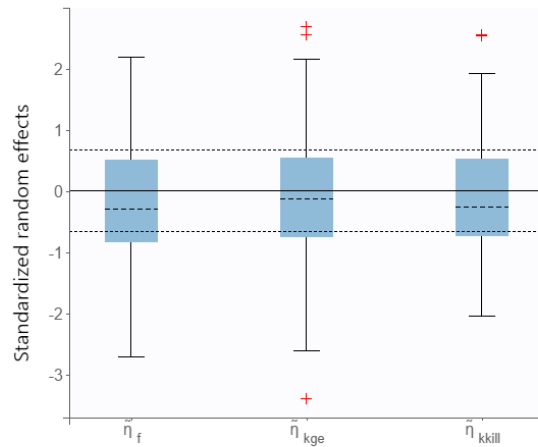
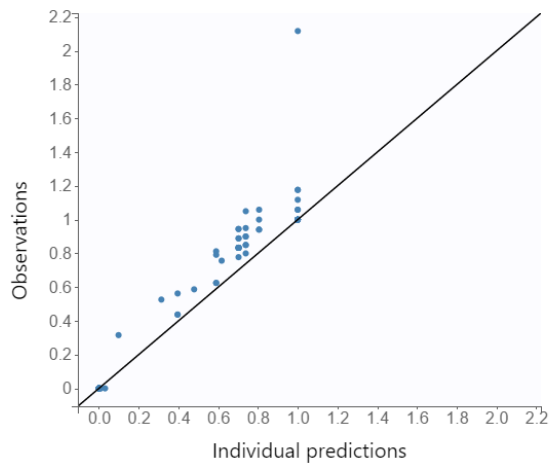
### Observations

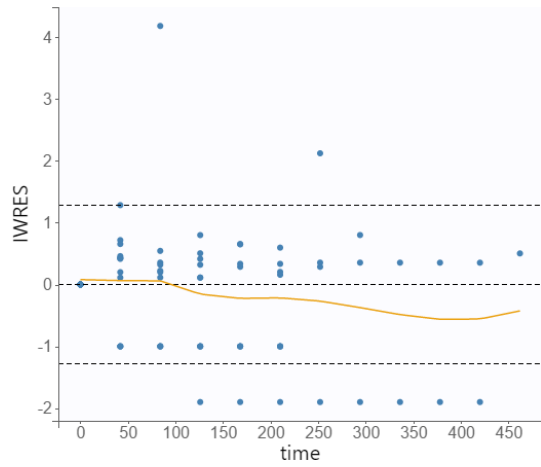
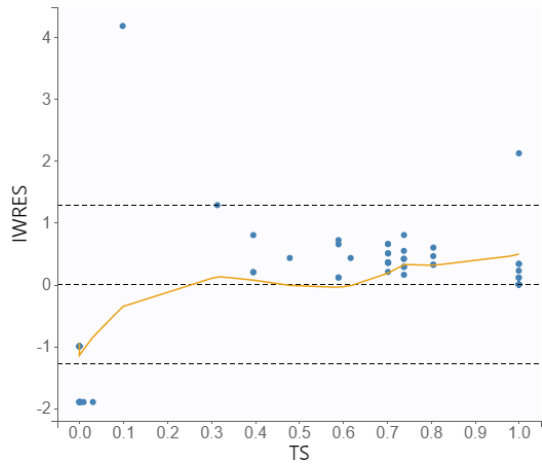
Normalized lesion diameter



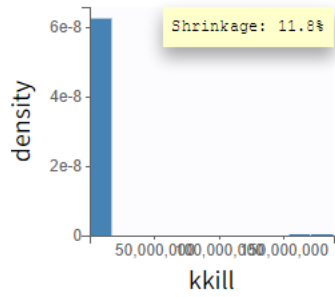
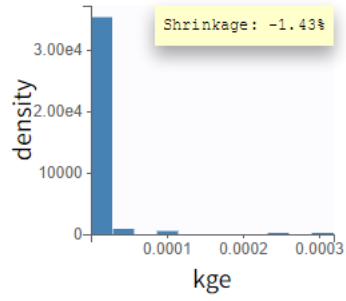
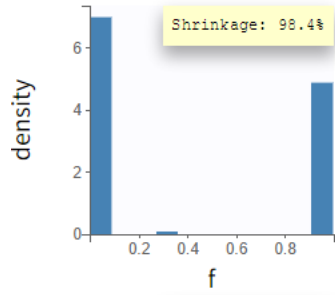
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### Diagnostic plots





### Individual parameter estimates



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## SOFT TISSUES

### Parameter estimates

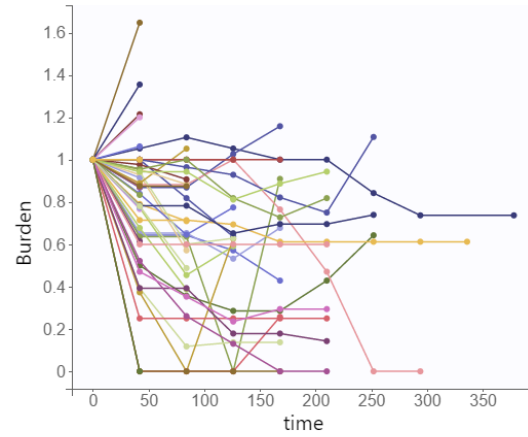
Recommended error model: CONSTANT

	VALUE	S.E.	R.S.E.(%)
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Fixed Effects			
f_pop	0.24	0.32	135
kge_pop	0.0001	0.00048	478
kkill_pop	0.0072	0.0064	89.6
Standard Deviation of the Random Effects			
omega_f	1.51	0.91	60.3
omega_kge	2.88	1.83	63.7
omega_kkill	1.73	0.27	15.9
Error Model Parameters			
a	0.11	0.0073	6.87

### Observations

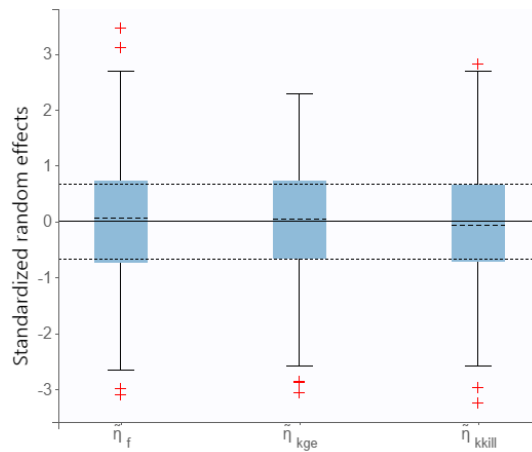
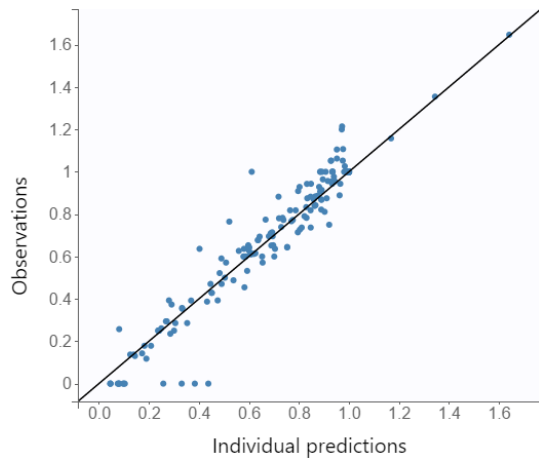
Normalized lesion diameter

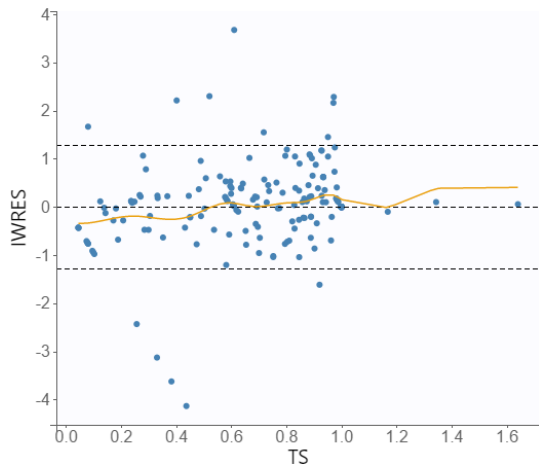
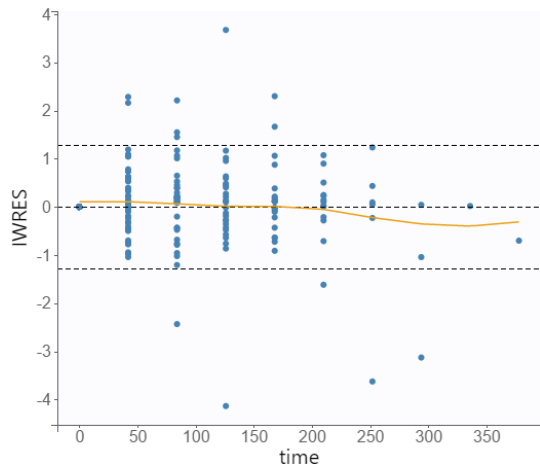


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### Diagnostic plots





**Individual parameter estimates**

