```
julia> infer(res)
Calculating: variance-covariance matrix
. Done.
FittedPumasModelInference

Successful minimization:                        true

Likelihood approximation:               Pumas.FOCEI
Objective function value:                    8084.54
Total number of observation records:       1210
Number of active observation records:      1210
Number of subjects:                            10


---------------------------------------------------
        Estimate        RSE            95.0% C.I.
---------------------------------------------------
tvcl     4.8809      12.932    [ 3.6438   ;    6.1181   ]
tvv      89.739       7.3011   [76.898    ;  102.58     ]
pmoncl  -0.73558     -7.9587   [-0.85032  ;   -0.62084  ]
Ω₁,₁     0.10822     26.546    [ 0.051913 ;    0.16452  ]
Ω₂,₂     0.051508    41.275    [ 0.0098391;    0.093176 ]
σ_prop   0.042149     3.3957   [ 0.039344 ;    0.044954 ]
---------------------------------------------------
```

```
julia> resout = DataFrame(inspect(res))
julia> first(resout, 6)
6×13 DataFrame
```

Row	id	time	isPM	wt	pred	ipred	pred_approx	wres	iwres	wres_approx	ebe_1	ebe_2	ebes_approx
	String	Float64	Int64	Int64	Float64	Float64	Pumas.FOCEI	Float64	Float64	Pumas.FOCEI	Float64	Float64	Pumas.FOCEI
1	1	0.0	0	68	1326.95	1290.5	FOCEI()	0.0141867	0.164838	FOCEI()	-0.273173	0.0282462	FOCEI()
2	1	1.0	0	68	1255.42	1236.44	FOCEI()	0.247655	0.414528	FOCEI()	-0.273173	0.0282462	FOCEI()
3	1	2.0	0	68	1187.56	1184.65	FOCEI()	-1.44113	-1.53356	FOCEI()	-0.273173	0.0282462	FOCEI()
4	1	3.0	0	68	1123.17	1135.03	FOCEI()	-0.66784	-1.10145	FOCEI()	-0.273173	0.0282462	FOCEI()
5	1	4.0	0	68	1062.1	1087.49	FOCEI()	-0.67988	-1.29264	FOCEI()	-0.273173	0.0282462	FOCEI()
6	1	5.0	0	68	1004.17	1041.94	FOCEI()	1.14917	0.521982	FOCEI()	-0.273173	0.0282462	FOCEI()