

## References

Boileau E, Nithiarasu P, Blanco PJ, Müller LO, Fossan FE, Hellevik LR, Donders WP, Huberts W, Willemet M, Alastruey J. 2015. A benchmark study of numerical schemes for one-dimensional arterial blood flow modelling. *Int J Numer Meth Biomed Engng.* 31(10).

## Supplementary material

Table 1.: Parameters of each artery section that compose the one-dimensional artery network model used in this paper, which are also provided by Boileau et al. (2015). # is the domain number;  $L$  is the length (cm) of the domain;  $r_S$  and  $r_E$  are the luminal radii (cm) at the start and end of the domain, respectively;  $C$  and  $R_T$  are compliance ( $\text{m}^3 \text{Pa}^{-1}$ ) and total resistance ( $\text{Pa s m}^{-3}$ ), respectively, used in the Windkessel model that is applied to terminal domains; and  $S$  is the stiffness (Pa m) of the artery wall, calculated as Young's modulus multiplied by artery wall thickness.

#	Artery section name	$L$	$r_S$	$r_E$	$C$	$R_T$	$S$
1	Aortic arch I	7.44	1.595	1.295			$225000 * (-0.040282 * x + 0.01595)$ $* (0.2802 * e^{100 * -5.053 * (-0.040282 * x + 0.01595)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.040282 * x + 0.01595)})$
2	Brachiocephalic trunk	4.74	0.673	0.616			$225000 * (-0.012024 * x + 0.0067281)$ $* (0.2802 * e^{100 * -5.053 * (-0.012024 * x + 0.0067281)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.012024 * x + 0.0067281)})$
3	Aortic arch II	0.96	1.295	1.257			$225000 * (-0.040282 * x + 0.012952)$ $* (0.2802 * e^{100 * -5.053 * (-0.040282 * x + 0.012952)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.040282 * x + 0.012952)})$
4	Subclavian R I	1.57	0.49	0.418			$225000 * (-0.045632 * x + 0.0048956)$ $* (0.2802 * e^{100 * -5.053 * (-0.045632 * x + 0.0048956)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.045632 * x + 0.0048956)})$
5	Common carotid R	8.12	0.448	0.333			$225000 * (-0.014151 * x + 0.0044756)$ $* (0.2802 * e^{100 * -5.053 * (-0.014151 * x + 0.0044756)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.014151 * x + 0.0044756)})$
6	Vertebral R	20.45	0.134	0.134	3.13E-11	9.05E+09	$225000 * (0 * x + 0.0013353)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0013353)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0013353)})$
7	Subclavian R II	4.11	0.418	0.23			$225000 * (-0.045632 * x + 0.0041773)$ $* (0.2802 * e^{100 * -5.053 * (-0.045632 * x + 0.0041773)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.045632 * x + 0.0041773)})$

#	Artery section name	$L$	$r_S$	$r_E$	$C$	$R_T$	$S$
8	Axillary R	12	0.23	0.208			$225000 * (-0.0018666 * x + 0.002301)$ $* (0.2802 * e^{100 * -5.053 * (-0.0018666 * x + 0.002301)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0018666 * x + 0.002301)})$
9	Brachial R	22.31	0.208	0.183			$225000 * (-0.0011148 * x + 0.002077)$ $* (0.2802 * e^{100 * -5.053 * (-0.0011148 * x + 0.002077)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0011148 * x + 0.002077)})$
10	Radial R	30.09	0.138	0.138	4.91E-11	5.77E+09	$225000 * (0 * x + 0.001378)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.001378)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.001378)})$
11	Ulnar R I	2.98	0.141	0.141			$225000 * (0 * x + 0.001408)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.001408)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.001408)})$
12	Common interosseous R	1.63	0.096	0.096			$225000 * (0 * x + 0.000959)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.000959)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.000959)})$
13	Ulnar R II	23.93	0.141	0.141	4.82E-11	5.87E+09	$225000 * (0 * x + 0.001408)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.001408)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.001408)})$
14	Posterior interosseous R	23.06	0.068	0.068	1.18E-11	2.39E+10	$225000 * (0 * x + 0.000676)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.000676)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.000676)})$
15	External carotid R	6.09	0.227	0.227	6.03E-11	4.70E+09	$225000 * (0 * x + 0.0022655)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0022655)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0022655)})$
16	Internal carotid R	13.21	0.277	0.277	9.83E-11	2.88E+09	$225000 * (0 * x + 0.0027654)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0027654)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0027654)})$
17	Common carotid L	12.13	0.448	0.333			$225000 * (-0.0094738 * x + 0.0044756)$ $* (0.2802 * e^{100 * -5.053 * (-0.0094738 * x + 0.0044756)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0094738 * x + 0.0044756)})$
18	Aortic arch III	0.7	1.257	1.228			$225000 * (-0.040282 * x + 0.012566)$ $* (0.2802 * e^{100 * -5.053 * (-0.040282 * x + 0.012566)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.040282 * x + 0.012566)})$
19	External carotid L	6.09	0.227	0.227	6.01E-11	4.71E+09	$225000 * (0 * x + 0.0022655)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0022655)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0022655)})$

#	Artery section name	$L$	$r_S$	$r_E$	$C$	$R_T$	$S$
20	Internal carotid L	13.21	0.277	0.277	9.80E-11	2.89E+09	$225000 * (0 * x + 0.0027654)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0027654)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0027654)})$
21	Subclavian L I	4.94	0.49	0.348			$225000 * (-0.028669 * x + 0.0048956)$ $* (0.2802 * e^{100 * -5.053 * (-0.028669 * x + 0.0048956)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.028669 * x + 0.0048956)})$
22	Aortic arch IV	4.31	1.228	1.055			$225000 * (-0.040282 * x + 0.012284)$ $* (0.2802 * e^{100 * -5.053 * (-0.040282 * x + 0.012284)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.040282 * x + 0.012284)})$
23	Vertebral L	20.42	0.134	0.134	2.94E-11	9.62E+09	$225000 * (0 * x + 0.0013353)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0013353)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0013353)})$
24	Subclavian L II	4.11	0.348	0.23			$225000 * (-0.028669 * x + 0.0034798)$ $* (0.2802 * e^{100 * -5.053 * (-0.028669 * x + 0.0034798)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.028669 * x + 0.0034798)})$
25	Axillary L	12	0.23	0.208			$225000 * (-0.0018666 * x + 0.002301)$ $* (0.2802 * e^{100 * -5.053 * (-0.0018666 * x + 0.002301)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0018666 * x + 0.002301)})$
26	Brachial L	22.31	0.208	0.183			$225000 * (-0.0011148 * x + 0.002077)$ $* (0.2802 * e^{100 * -5.053 * (-0.0011148 * x + 0.002077)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0011148 * x + 0.002077)})$
27	Radial L	31.09	0.138	0.138	5.00E-11	5.67E+09	$225000 * (0 * x + 0.001378)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.001378)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.001378)})$
28	Ulnar L I	2.98	0.141	0.141			$225000 * (0 * x + 0.001408)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.001408)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.001408)})$
29	Common interosseous L	1.63	0.096	0.096			$225000 * (0 * x + 0.000959)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.000959)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.000959)})$
30	Ulnar L II	23.93	0.141	0.141	4.73E-11	5.99E+09	$225000 * (0 * x + 0.001408)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.001408)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.001408)})$
31	Posterior interosseous L	23.06	0.068	0.068	1.18E-11	2.40E+10	$225000 * (0 * x + 0.000676)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.000676)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.000676)})$

#	Artery section name	$L$	$r_S$	$r_E$	$C$	$R_T$	$S$
32	Thoracic aorta I	0.99	1.055	1.036			$225000 * (-0.018813 * x + 0.01055)$ $* (0.2802 * e^{100 * -5.053 * (-0.018813 * x + 0.01055)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.018813 * x + 0.01055)})$
33	Posterior intercostal R 1	19.69	0.14	0.14	2.27E-12	1.25E+11	$225000 * (0 * x + 0.0014)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0014)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0014)})$
34	Thoracic aorta II	0.79	1.036	1.022			$225000 * (-0.018813 * x + 0.010364)$ $* (0.2802 * e^{100 * -5.053 * (-0.018813 * x + 0.010364)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.018813 * x + 0.010364)})$
35	Posterior intercostal L 1	17.8	0.14	0.14	2.22E-12	1.28E+11	$225000 * (0 * x + 0.0014)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0014)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0014)})$
36	Thoracic aorta III	1.56	1.022	0.992			$225000 * (-0.018813 * x + 0.010216)$ $* (0.2802 * e^{100 * -5.053 * (-0.018813 * x + 0.010216)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.018813 * x + 0.010216)})$
37	Posterior intercostal R 2	20.16	0.155	0.155	2.44E-12	1.16E+11	$225000 * (0 * x + 0.00155)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.00155)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.00155)})$
38	Thoracic aorta IV	0.53	0.992	0.982			$225000 * (-0.018813 * x + 0.0099229)$ $* (0.2802 * e^{100 * -5.053 * (-0.018813 * x + 0.0099229)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.018813 * x + 0.0099229)})$
39	Posterior intercostal L 2	18.52	0.155	0.155	2.42E-12	1.17E+11	$225000 * (0 * x + 0.00155)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.00155)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.00155)})$
40	Thoracic aorta V	12.16	0.982	0.754			$225000 * (-0.018813 * x + 0.0098227)$ $* (0.2802 * e^{100 * -5.053 * (-0.018813 * x + 0.0098227)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.018813 * x + 0.0098227)})$
41	Thoracic aorta VI	0.32	0.754	0.75			$225000 * (-0.012568 * x + 0.0075357)$ $* (0.2802 * e^{100 * -5.053 * (-0.012568 * x + 0.0075357)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.012568 * x + 0.0075357)})$
42	Celiac trunk	1.68	0.335	0.321			$225000 * (-0.0081741 * x + 0.00335)$ $* (0.2802 * e^{100 * -5.053 * (-0.0081741 * x + 0.00335)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0081741 * x + 0.00335)})$
43	Abdominal aorta I	1.4	0.75	0.732			$225000 * (-0.012568 * x + 0.0074949)$ $* (0.2802 * e^{100 * -5.053 * (-0.012568 * x + 0.0074949)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.012568 * x + 0.0074949)})$

#	Artery section name	$L$	$r_S$	$r_E$	$C$	$R_T$	$S$
44	Common hepatic	6.66	0.269	0.269	1.69E-10	1.67E+09	$225000 * (0 * x + 0.0026861)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0026861)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0026861)})$
45	Splenic I	0.39	0.217	0.217			$225000 * (0 * x + 0.0021668)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0021668)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0021668)})$
46	Left gastric	9.29	0.151	0.151	1.65E-12	1.72E+11	$225000 * (0 * x + 0.0015067)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0015067)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0015067)})$
47	Splenic II	6.44	0.217	0.217	1.20E-10	2.37E+09	$225000 * (0 * x + 0.0021668)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0021668)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0021668)})$
48	Superior mesenteric	21.64	0.393	0.393	2.60E-10	1.09E+09	$225000 * (0 * x + 0.0039261)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0039261)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0039261)})$
49	Abdominal aorta II	0.43	0.732	0.727			$225000 * (-0.012568 * x + 0.0073191)$ $* (0.2802 * e^{100 * -5.053 * (-0.012568 * x + 0.0073191)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.012568 * x + 0.0073191)})$
50	Renal L	2.18	0.271	0.271	2.50E-10	1.13E+09	$225000 * (0 * x + 0.0027089)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0027089)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0027089)})$
51	Abdominal aorta III	1.2	0.727	0.711			$225000 * (-0.012568 * x + 0.0072648)$ $* (0.2802 * e^{100 * -5.053 * (-0.012568 * x + 0.0072648)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.012568 * x + 0.0072648)})$
52	Renal R	3.77	0.31	0.31	2.49E-10	1.14E+09	$225000 * (0 * x + 0.0030974)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0030974)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0030974)})$
53	Abdominal aorta IV	5.41	0.711	0.643			$225000 * (-0.012568 * x + 0.0071143)$ $* (0.2802 * e^{100 * -5.053 * (-0.012568 * x + 0.0071143)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.012568 * x + 0.0071143)})$
54	Inferior mesenteric	9.02	0.208	0.208	2.37E-11	1.20E+10	$225000 * (0 * x + 0.0020775)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0020775)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0020775)})$
55	Abdominal aorta V	4.22	0.643	0.59			$225000 * (-0.012568 * x + 0.0064345)$ $* (0.2802 * e^{100 * -5.053 * (-0.012568 * x + 0.0064345)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.012568 * x + 0.0064345)})$

#	Artery section name	$L$	$r_S$	$r_E$	$C$	$R_T$	$S$
56	Common iliac R	7.64	0.45	0.409			$225000 * (-0.0053324 * x + 0.0044987)$ $* (0.2802 * e^{100 * -5.053 * (-0.0053324 * x + 0.0044987)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0053324 * x + 0.0044987)})$
57	Common iliac L	7.4	0.45	0.409			$225000 * (-0.0055046 * x + 0.0044987)$ $* (0.2802 * e^{100 * -5.053 * (-0.0055046 * x + 0.0044987)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0055046 * x + 0.0044987)})$
58	External iliac R	10.22	0.338	0.319			$225000 * (-0.001845 * x + 0.0033776)$ $* (0.2802 * e^{100 * -5.053 * (-0.001845 * x + 0.0033776)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.001845 * x + 0.0033776)})$
59	Internal iliac R	7.25	0.282	0.282	1.37E-10	2.07E+09	$225000 * (0 * x + 0.0028183)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0028183)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0028183)})$
60	Femoral R I	3.16	0.319	0.314			$225000 * (-0.0014332 * x + 0.003189)$ $* (0.2802 * e^{100 * -5.053 * (-0.0014332 * x + 0.003189)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0014332 * x + 0.003189)})$
61	Profunda femoris R	23.84	0.214	0.214	1.65E-10	1.71E+09	$225000 * (0 * x + 0.0021445)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0021445)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0021445)})$
62	Femoral R II	31.93	0.314	0.269			$225000 * (-0.0014332 * x + 0.0031437)$ $* (0.2802 * e^{100 * -5.053 * (-0.0014332 * x + 0.0031437)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0014332 * x + 0.0031437)})$
63	Popliteal R I	13.2	0.269	0.237			$225000 * (-0.002412 * x + 0.0026861)$ $* (0.2802 * e^{100 * -5.053 * (-0.002412 * x + 0.0026861)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.002412 * x + 0.0026861)})$
64	Anterior tibial R	38.62	0.117	0.117	2.31E-11	1.23E+10	$225000 * (0 * x + 0.0011663)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0011663)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0011663)})$
65	Popliteal R II	0.88	0.237	0.235			$225000 * (-0.002412 * x + 0.0023677)$ $* (0.2802 * e^{100 * -5.053 * (-0.002412 * x + 0.0023677)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.002412 * x + 0.0023677)})$
66	Tibiofibular trunk R	3.62	0.235	0.235			$225000 * (0 * x + 0.0023465)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0023465)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0023465)})$
67	Posterior tibial R	38.29	0.123	0.123	2.68E-11	1.06E+10	$225000 * (0 * x + 0.0012294)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0012294)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0012294)})$

#	Artery section name	$L$	$r_S$	$r_E$	$C$	$R_T$	$S$
68	External iliac L	10.22	0.338	0.319			$225000 * (-0.001845 * x + 0.0033776)$ $* (0.2802 * e^{100 * -5.053 * (-0.001845 * x + 0.0033776)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.001845 * x + 0.0033776)})$
69	Internal iliac L	7.25	0.282	0.282	1.36E-10	2.08E+09	$225000 * (0 * x + 0.0028183)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0028183)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0028183)})$
70	Femoral L I	3.16	0.319	0.314			$225000 * (-0.0014332 * x + 0.003189)$ $* (0.2802 * e^{100 * -5.053 * (-0.0014332 * x + 0.003189)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0014332 * x + 0.003189)})$
71	Profunda femoris L	23.84	0.214	0.214	1.65E-10	1.71E+09	$225000 * (0 * x + 0.0021445)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0021445)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0021445)})$
72	Femoral L II	31.93	0.314	0.269			$225000 * (-0.0014332 * x + 0.0031437)$ $* (0.2802 * e^{100 * -5.053 * (-0.0014332 * x + 0.0031437)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0014332 * x + 0.0031437)})$
73	Popliteal L I	13.2	0.269	0.237			$225000 * (-0.0024121 * x + 0.0026861)$ $* (0.2802 * e^{100 * -5.053 * (-0.0024121 * x + 0.0026861)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0024121 * x + 0.0026861)})$
74	Anterior tibial L	38.62	0.117	0.117	2.31E-11	1.23E+10	$225000 * (0 * x + 0.0011663)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0011663)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0011663)})$
75	Popliteal L II	0.88	0.237	0.235			$225000 * (-0.0024121 * x + 0.0023677)$ $* (0.2802 * e^{100 * -5.053 * (-0.0024121 * x + 0.0023677)}$ $+ 0.1324 * e^{100 * -0.1114 * (-0.0024121 * x + 0.0023677)})$
76	Tibiofibular trunk L	3.62	0.235	0.235			$225000 * (0 * x + 0.0023465)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0023465)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0023465)})$
77	Posterior tibial L	38.29	0.123	0.123	2.68E-11	1.06E+10	$225000 * (0 * x + 0.0012294)$ $* (0.2802 * e^{100 * -5.053 * (0 * x + 0.0012294)}$ $+ 0.1324 * e^{100 * -0.1114 * (0 * x + 0.0012294)})$