Nutrient	Conc.	General effect	Home hemodialysis			Hospital hemodialysis			Peritoneal dialysis		
			avg	min	max	avg	min	max	avg	min	max
Water	P-Alb	-2.04 [−6.16; 2.97]	-2.07 [−5.76; 1.76]	-2.60 [−8.07; 2.01]	-2.06 [−6.13; 2.47]	-0.23 [−3.21; 2.52]	-0.60 [−4.28; 2.84]	0.11 [−3.60; 3.77]	-1.19 [−5.93; 4.22]	-1.53 [−6.39; 4.00]	-1.12 [−5.86; 4.42]
Blood lipid medication	P-Alb	0.36 [−6.33; 7.76]	1.25 [−6.00; 10.22]	0.24 [−8.77; 11.01]	1.97 [−6.60; 12.07]	0.14 [−5.39; 5.64]	-1.17 [−7.39; 5.64]	1.19 [−4.35; 6.96]	1.14 [−5.92; 10.13]	0.60 [−8.54; 9.56]	1.81 [−5.82; 11.07]
Hydroxycholecalciferol	P-K	0.50 [−3.57; 3.68]	-0.42 [−5.08; 2.69]	-0.52 [−5.31; 2.40]	-0.19 [−5.07; 2.73]	-0.51 [−2.17; 1.19]	-0.82 [−2.69; 1.19]	-0.25 [−2.28; 2.02]	-0.94 [−3.42; 1.72]	-1.08 [−3.85; 1.76]	-0.83 [−3.48; 1.84]
Calcium	P-Alb	-0.08 [−10.35; 6.03]	1.85 [−2.93; 7.46]	1.22 [−3.36; 6.27]	2.25 [−3.61; 9.68]	0.88 [−3.47; 4.95]	-0.32 [−5.36; 4.17]	1.59 [−3.38; 6.13]	1.64 [−2.90; 6.84]	2.03 [−3.76; 8.83]	2.60 [−3.21; 11.67]
Sodium	P-Alb	1.22 [−8.68; 15.01]	2.23 [−5.69; 12.83]	2.00 [−6.13; 11.84]	2.80 [−5.80; 15.93]	-0.87 [−6.51; 5.45]	-1.39 [−7.65; 5.06]	-0.28 [−6.33; 7.10]	-3.02 [−13.00; 7.48]	-3.28 [−13.36; 7.35]	-2.60 [−12.82; 8.02]
Salt	P-Alb	1.60 [−8.59; 10.81]	3.76 [−7.66; 12.53]	3.28 [−8.23; 11.96]	4.52 [−6.23; 12.73]	1.82 [−3.68; 6.93]	1.27 [−4.49; 6.56]	2.27 [−4.09; 9.07]	-0.39 [−11.05; 8.50]	-0.81 [−12.25; 8.04]	-0.31 [−11.56; 8.59]
Gender	P-Alb	1.67 [−5.48; 10.14]	0.36 [−6.76; 6.92]	-0.53 [−11.15; 7.42]	1.69 [−8.20; 10.28]	2.73 [−3.79; 9.68]	1.13 [−7.72; 9.22]	4.13 [−3.80; 11.67]	1.64 [−7.19; 9.96]	0.77 [−11.13; 10.90]	2.73 [−7.01; 13.42]
Phosphate binder med.	P-Alb	-2.78 [−9.87; 4.87]	-2.68 [−10.50; 7.83]	-4.26 [−18.77; 8.61]	-1.59 [−9.86; 8.98]	-1.95 [−9.93; 6.69]	-4.25 [−16.99; 7.20]	-0.96 [−11.15; 10.81]	-0.37 [−8.93; 8.19]	-1.18 [−10.67; 7.77]	-0.26 [−10.26; 12.01]
Energy, kcal/kg	P-Alb	1.60 [−11.49; 15.39]	-0.40 [−12.86; 13.00]	-1.39 [−13.20; 11.42]	0.69 [−12.25; 15.89]	-1.40 [−12.93; 9.31]	-2.93 [−14.33; 8.17]	-0.18 [−12.79; 11.23]	1.06 [−11.93; 16.56]	-0.19 [−13.30; 15.81]	2.15 [−12.02; 18.26]
Carbohydrates, E%	P-Alb	1.29 [−14.77; 15.35]	2.67 [−13.38; 18.00]	2.28 [−13.04; 17.08]	3.71 [−11.99; 18.43]	1.80 [−13.85; 15.62]	0.91 [−15.21; 15.17]	2.33 [−11.97; 15.69]	0.82 [−15.89; 15.37]	0.16 [−16.99; 15.86]	1.33 [−15.87; 15.52]
Monounsaturated Fatty Acids, E%	P-Alb	1.81 [−6.77; 13.45]	2.82 [−3.72; 12.69]	1.80 [−5.70; 12.61]	3.92 [−3.14; 13.42]	1.39 [−4.01; 6.82]	0.71 [−5.18; 6.70]	2.13 [−3.10; 7.39]	0.38 [−7.41; 8.35]	-0.65 [−9.54; 8.54]	0.87 [−6.41; 8.64]
Saturated Fatty Acids, E%	P-Alb	-2.58 [−9.85; 4.58]	-3.39 [−10.30; 3.85]	-4.07 [−11.26; 3.42]	-2.80 [−9.88; 5.06]	-2.23 [−9.00; 4.21]	-2.80 [−9.46; 4.27]	-1.17 [−7.44; 4.97]	-2.19 [−9.54; 5.17]	-2.48 [−9.24; 5.09]	-1.63 [−9.61; 5.69]
Hydroxycholecalciferol	P-Alb	1.71 [−6.25; 10.13]	2.12 [−5.96; 12.13]	1.61 [−6.54; 10.42]	3.35 [−5.98; 13.35]	0.90 [−5.30; 7.19]	0.54 [−6.56; 8.47]	1.68 [−6.08; 9.36]	3.16 [−6.04; 13.07]	2.24 [−7.66; 12.55]	3.47 [−6.70; 13.94]
Polyunsaturated Fatty Acids, E%	P-Alb	-0.93 [−6.18; 5.86]	-1.21 [−5.89; 3.58]	-1.43 [−6.40; 4.03]	-0.89 [−5.79; 4.35]	-2.05 [−5.86; 1.40]	-2.42 [−6.01; 1.27]	-1.64 [−5.96; 2.41]	-1.17 [−5.52; 3.44]	-1.27 [−6.31; 3.49]	-0.92 [−5.68; 3.78]
Potassium	P-Alb	-3.14 [−15.40; 4.12]	-3.89 [−9.99; 1.30]	-5.04 [−12.20; 0.79]	-3.63 [−9.67; 2.06]	-1.06 [−4.53; 1.96]	-1.97 [−8.76; 2.01]	0.34 [−3.64; 3.96]	-0.24 [−5.53; 5.54]	-1.02 [−7.03; 5.17]	0.27 [−5.92; 8.05]
Renavit	P-Alb	10.04 [−12.10; 24.48]	11.73 [−8.72; 25.68]	10.55 [−8.97; 24.74]	12.77 [−7.93; 28.05]	9.33 [−9.77; 24.03]	7.75 [−10.19; 22.86]	10.62 [−10.79; 25.61]	8.25 [−12.70; 22.49]	7.28 [−12.78; 21.69]	9.12 [−12.99; 23.78]
Fat E%	P-Alb	3.19 [−14.81; 19.59]	2.32 [−16.46; 20.22]	1.52 [−17.42; 20.12]	3.00 [−15.81; 20.48]	3.40 [−12.94; 18.61]	2.52 [−15.43; 17.92]	4.11 [−12.29; 19.78]	3.50 [−14.06; 19.88]	2.88 [−14.63; 19.85]	3.95 [−14.63; 21.22]
Phosphorous	P-Alb	0.10 [−7.16; 6.56]	-2.10 [−10.73; 5.28]	-3.09 [−12.68; 4.94]	-1.87 [−12.44; 7.81]	0.27 [−5.57; 5.95]	-0.41 [−6.77; 6.08]	1.73 [−4.98; 8.63]	0.60 [−7.31; 8.48]	0.10 [−8.68; 8.11]	1.22 [−6.42; 8.81]
Protein, g/kg	P-Alb	0.33 [−12.64; 13.11]	-1.35 [−16.07; 11.86]	-2.72 [−17.16; 10.61]	-0.19 [−15.66; 14.04]	-0.28 [−11.68; 11.80]	-0.95 [−12.82; 11.39]	0.98 [−11.00; 15.10]	1.09 [−13.08; 14.12]	0.74 [−12.95; 13.72]	1.62 [−12.93; 15.03]
Vitamin D	P-Alb	1.29 [−1.28; 4.01]	1.55 [−1.01; 4.27]	0.79 [−3.52; 4.84]	2.39 [−0.82; 6.41]	0.79 [−1.25; 2.87]	0.11 [−3.45; 3.32]	1.45 [−1.76; 4.78]	1.50 [−1.49; 4.58]	1.24 [−2.88; 5.29]	2.22 [−1.24; 6.60]
Fiber	P-Alb	1.19 [−5.02; 7.55]	1.43 [−2.36; 5.60]	1.00 [−3.40; 6.23]	2.02 [−2.56; 7.51]	1.34 [−1.91; 4.70]	0.70 [−3.35; 4.61]	2.01 [−2.06; 6.49]	1.60 [−3.85; 6.61]	1.28 [−4.24; 6.85]	1.92 [−4.02; 7.59]
Diabetes medication	P-Alb	0.67 [−6.75; 8.48]	0.45 [−6.07; 8.60]	-0.22 [−8.31; 8.33]	1.58 [−5.59; 9.25]	-0.12 [−6.22; 5.63]	-0.98 [−7.54; 5.88]	1.55 [−6.13; 11.84]	0.49 [−7.22; 8.87]	0.03 [−9.63; 9.68]	1.40 [−8.00; 11.06]
Phosphate binder med.	P-K	0.28 [−1.55; 2.75]	0.25 [−1.83; 2.88]	-0.21 [−2.39; 2.53]	0.61 [−2.15; 3.88]	0.40 [−1.23; 2.46]	0.04 [−2.01; 2.50]	0.68 [−1.49; 3.63]	0.26 [−1.45; 2.40]	-0.14 [−2.83; 2.70]	0.70 [−1.44; 3.12]
Phosphate binder med.	fP-Pi	0.50 [−1.50; 2.94]	0.61 [−0.97; 2.71]	0.33 [−2.11; 2.69]	0.82 [−1.44; 3.24]	0.41 [−0.90; 2.00]	0.15 [−1.86; 1.99]	0.73 [−1.34; 3.02]	0.12 [−1.71; 1.87]	-0.05 [−2.23; 1.87]	0.18 [−1.91; 2.04]
Protein, E%	P-Alb	0.64 [−7.30; 7.41]	2.08 [−4.84; 8.78]	1.70 [−5.21; 8.26]	2.67 [−4.80; 10.24]	1.72 [−5.00; 8.28]	1.17 [−5.17; 7.86]	2.40 [−5.78; 9.59]	1.27 [−5.70; 8.44]	0.78 [−7.16; 8.59]	1.78 [−5.68; 8.87]
Protein, g/kg	P-K	-0.22 [−2.93; 2.74]	0.09 [−2.42; 2.57]	-0.06 [−2.63; 2.54]	0.21 [−3.09; 2.96]	0.03 [−2.50; 2.41]	-0.22 [−3.16; 2.65]	0.18 [−2.37; 2.65]	-0.33 [−3.63; 2.99]	-0.35 [−3.95; 3.03]	-0.25 [−3.63; 3.12]
Carbohydrates, E%	P-K	1.05 [−2.32; 4.69]	1.26 [−2.36; 4.61]	1.12 [−2.64; 4.81]	1.32 [−2.46; 4.82]	0.85 [−2.16; 3.43]	0.67 [−2.37; 3.40]	0.93 [−2.40; 3.47]	0.74 [−2.67; 4.07]	0.68 [−2.99; 4.04]	0.83 [−2.73; 4.47]
Calcium	P-K	-0.09 [−1.49; 1.54]	-0.46 [−2.59; 0.97]	-0.63 [−3.83; 1.03]	-0.36 [−2.93; 1.41]	0.01 [−0.94; 1.17]	-0.15 [−1.92; 1.29]	0.38 [−0.76; 2.19]	-0.13 [−1.62; 1.29]	-0.37 [−2.41; 1.41]	0.05 [−1.49; 1.56]
Energy, kcal/kg	P-K	0.30 [−2.53; 4.98]	-0.19 [−2.92; 2.96]	-0.30 [−3.37; 2.87]	-0.11 [−2.54; 2.94]	-0.14 [−2.52; 2.41]	-0.24 [−2.71; 2.37]	-0.09 [−2.64; 2.53]	0.29 [−3.70; 4.70]	0.17 [−3.81; 4.57]	0.43 [−3.70; 4.95]
Salt	P-K	0.11 [−1.82; 2.50]	0.93 [−1.37; 2.94]	0.74 [−1.96; 2.72]	1.09 [−1.35; 3.42]	0.18 [−0.79; 1.10]	-0.09 [−2.57; 1.23]	0.38 [−0.64; 1.41]	-0.24 [−2.89; 1.63]	-0.50 [−3.94; 1.64]	-0.20 [−3.15; 1.68]
Gender	P-K	-0.04 [−2.53; 2.63]	0.41 [−1.36; 2.47]	0.35 [−1.54; 2.50]	0.57 [−1.36; 2.75]	0.26 [−1.17; 1.78]	0.07 [−1.57; 1.95]	0.39 [−1.40; 2.49]	0.92 [−1.97; 4.50]	0.76 [−2.39; 4.48]	1.07 [−1.90; 4.28]
Blood lipid medication	P-K	-0.45 [−3.47; 1.82]	0.11 [−2.42; 4.45]	-0.21 [−3.88; 4.27]	0.36 [−2.46; 5.41]	-0.32 [−1.68; 0.98]	-0.61 [−2.45; 0.86]	0.10 [−1.30; 1.86]	-0.55 [−3.45; 1.73]	-0.69 [−5.15; 1.91]	-0.23 [−3.25; 3.33]