Nutrient	Conc.	General effect	Home hemodialysis			Hospital hemodialysis			Peritoneal dialysis		
			avg	min	max	avg	min	max	avg	min	max
Protein, E%	P-Alb	2.40 [2.41;9.62]	**2.37** [−4.90;5.88]	0.89 [−4.95;6.42]	5.53 [−4.73;7.60]	2.38 [−4.02;6.45]	−0.01 [−4.07;8.24]	4.33 [−4.79;6.24]	2.39 [−5.36;10.19]	0.92 [−5.43;10.21]	3.10 [−5.28;9.78]
Fiber	P-K	2.28 [0.10;2.28]	**0.81** [−0.61;0.82]	0.60 [−0.75;0.61]	0.85 [−0.88;0.86]	−0.12 [−0.69;0.51]	−0.35 [−0.65;0.62]	0.13 [−0.89;0.72]	−0.64 [−0.73;0.99]	−0.73 [−0.81;1.11]	−0.52 [−0.80;0.99]
Polyunsaturated Fatty Acids, E%	P-K	0.01 [0.00;1.43]	−0.27 [−1.47;0.73]	−0.43 [−1.47;0.81]	−0.18 [−1.42;1.10]	0.17 [−0.93;0.53]	−0.10 [−1.01;0.98]	0.37 [−1.04;0.97]	0.02 [−0.97;1.06]	−0.11 [−0.91;1.24]	0.24 [−1.38;1.38]
Monounsaturated Fatty Acids, E%	P-K	2.62 [1.27;4.01]	**3.28** [−1.07;3.33]	2.52 [−1.22;3.01]	4.11 [−1.35;4.17]	**1.28** [−0.81;1.85]	−0.73 [−0.73;2.24]	1.95 [−1.12;2.12]	0.31 [−1.28;2.10]	−0.37 [−2.35;1.53]	0.33 [−1.32;2.18]
Carbohydrates, E%	P-K	0.04 [0.60;10.33]	**0.75** [−3.61;3.31]	−0.71 [−3.96;3.25]	2.00 [−3.62;3.31]	−0.09 [−3.12;3.70]	−1.10 [−3.03;3.74]	1.12 [−3.42;3.75]	1.21 [−4.84;3.11]	0.04 [−5.05;3.11]	1.73 [−4.93;3.10]
Phosphate binder med.	P-K	6.09 [1.25;6.13]	**2.90** [−2.11;2.99]	−4.01 [−4.01;3.17]	5.90 [−2.68;5.93]	**1.72** [−2.20;2.63]	−4.75 [−4.75;2.67]	7.88 [−3.56;7.92]	0.10 [−1.18;3.46]	−5.61 [−5.61;4.33]	3.00 [−2.30;4.13]
Diabetes medication	P-Pi	0.30 [−0.10;0.73]	**0.31** [−2.09;1.28]	−0.05 [−2.00;1.54]	0.61 [−1.93;1.29]	0.14 [−1.13;0.54]	−0.44 [−1.27;0.51]	0.56 [−1.28;0.62]	**0.88** [−1.65;1.80]	0.61 [−1.66;1.85]	0.99 [−1.65;1.90]
Protein, E%	fP-Pi	−0.67 [−0.26;1.07]	**0.53** [−0.87;0.70]	0.16 [−0.93;0.71]	0.77 [−0.91;0.84]	−0.29 [−0.43;1.15]	−0.55 [−0.59;1.19]	0.21 [−0.47;1.20]	−0.68 [−0.75;1.38]	−0.95 [−1.01;1.49]	−0.43 [−0.70;1.41]
Calcium	P-K	−1.42 [0.18;2.18]	**−1.82** [−1.88;2.04]	−2.57 [−2.63;1.88]	−0.21 [−1.00;2.30]	1.07 [−0.69;1.75]	−0.58 [−0.63;1.70]	2.00 [−0.97;2.10]	−0.65 [−0.83;2.27]	−1.69 [−1.72;2.16]	0.58 [−1.01;2.61]
Phosphate binder med.	fP-Pi	−0.61 [−0.23;1.67]	**−0.78** [−1.40;1.40]	−2.76 [−2.78;1.76]	1.85 [−1.48;1.86]	0.29 [−1.26;1.40]	−1.47 [−1.78;1.72]	2.07 [−1.56;2.12]	−0.65 [−1.34;1.04]	−1.28 [−1.44;1.34]	0.93 [−1.89;1.24]
Protein, g/kg	P-K	−0.94 [−0.26;4.73]	**−0.56** [−5.97;2.43]	−1.00 [−6.01;2.60]	−0.12 [−6.29;2.44]	1.06 [−5.03;2.51]	−0.54 [−5.04;2.62]	1.62 [−4.97;2.55]	−0.13 [−2.78;3.61]	−0.67 [−2.77;3.55]	0.35 [−2.82;3.50]
Fat E%	fP-Pi	−1.12 [0.65;5.36]	**−1.26** [−2.04;3.66]	−2.03 [−2.17;3.65]	−0.08 [−2.21;3.87]	−0.72 [−1.09;3.21]	−1.42 [−1.44;3.40]	0.16 [−1.12;3.17]	−1.02 [−2.57;2.91]	−1.77 [−2.51;3.07]	−0.57 [−2.59;3.16]
Monounsaturated Fatty Acids, E%	fP-Pi	0.25 [0.19;1.09]	**0.70** [−1.96;1.01]	0.41 [−2.07;1.06]	0.88 [−2.31;0.99]	−0.17 [−1.25;0.73]	−0.46 [−1.25;0.90]	0.02 [−1.07;0.92]	−0.70 [−1.04;1.19]	−0.81 [−1.01;1.28]	−0.49 [−1.13;1.20]
Saturated Fatty Acids, E%	fP-Pi	−0.30 [−0.33;1.61]	**−0.03** [−1.88;1.22]	−0.12 [−1.94;1.34]	−0.01 [−1.91;1.17]	**−0.53** [−1.02;1.12]	−0.62 [−1.08;1.23]	−0.47 [−1.00;1.15]	**−0.40** [−1.20;1.72]	−0.42 [−1.21;1.64]	−0.27 [−1.24;1.75]
Calcium	fP-Pi	−0.51 [−0.39;2.45]	**−0.23** [−0.94;0.74]	−0.79 [−0.91;0.99]	0.49 [−1.27;0.81]	−0.03 [−0.64;0.20]	−0.63 [−0.85;0.21]	0.43 [−0.67;0.45]	0.11 [−0.98;1.08]	−0.08 [−1.09;1.13]	0.88 [−1.13;1.01]
Potassium	fP-Pi	0.03 [0.03;2.03]	**−0.64** [−1.12;1.54]	−0.78 [−1.35;1.40]	−0.51 [−1.01;1.56]	0.24 [−1.00;0.78]	0.13 [−1.13;0.92]	0.33 [−1.06;0.87]	−0.40 [−1.60;1.44]	−0.49 [−1.56;1.47]	−0.34 [−1.77;1.42]
Hydroxycholecalciferol	fP-Pi	−0.35 [−0.31;1.53]	**−0.54** [−2.01;1.01]	−1.05 [−2.11;1.13]	0.46 [−1.85;1.16]	0.10 [−0.73;1.09]	−0.69 [−0.70;1.56]	0.61 [−0.87;1.09]	0.42 [−1.26;2.88]	0.37 [−1.19;2.74]	0.83 [−1.34;2.82]
Renavit	fP-Pi	−1.61 [−1.64;2.92]	**−2.05** [−10.81;3.65]	−2.17 [−10.67;3.83]	−1.90 [−10.80;3.88]	−1.82 [−2.69;2.10]	−2.05 [−2.78;2.27]	−1.64 [−2.61;2.22]	−1.52 [−14.84;3.19]	−1.80 [−15.12;3.22]	−1.35 [−15.22;3.15]
Salt	fP-Pi	−0.27 [−0.22;0.72]	**0.04** [−0.65;1.08]	−0.09 [−0.81;1.01]	0.74 [−1.13;0.89]	−0.25 [−0.58;0.48]	−0.37 [−0.81;0.47]	−0.11 [−0.50;0.70]	0.14 [−0.46;0.90]	0.07 [−0.39;1.37]	0.19 [−0.63;1.06]
Energy, kcal/kg	fP-Pi	1.93 [0.39;2.00]	**1.33** [−1.74;1.79]	1.05 [−1.83;1.99]	1.54 [−1.80;1.95]	1.63 [−1.09;1.71]	1.47 [−1.07;1.73]	1.81 [−1.09;1.88]	1.60 [−2.37;2.65]	1.50 [−2.26;2.65]	1.74 [−2.27;2.65]
Protein, g/kg	fP-Pi	−1.61 [−1.19;2.13]	**−1.54** [−1.93;1.48]	−1.78 [−1.89;1.52]	−1.41 [−1.84;1.58]	−1.67 [−1.74;1.19]	−2.05 [−2.09;1.13]	−1.12 [−1.68;1.19]	−1.71 [−2.30;1.62]	−2.07 [−2.30;1.60]	−1.26 [−2.41;1.70]
Vitamin D	P-K	0.86 [−0.15;0.89]	**0.66** [−1.10;0.72]	0.19 [−1.18;0.49]	1.07 [−1.57;1.14]	−0.35 [−0.82;0.19]	−0.71 [−0.89;0.65]	0.11 [−1.73;0.24]	0.58 [−0.73;0.60]	0.11 [−1.02;0.53]	0.79 [−1.70;0.82]
Fiber	P-K	1.05 [0.54;2.53]	**0.56** [−0.77;1.04]	0.54 [−0.92;1.07]	0.59 [−0.79;1.06]	−0.13 [−0.72;1.26]	−0.16 [−0.74;1.19]	−0.11 [−0.88;1.12]	1.30 [−1.38;1.93]	1.27 [−1.55;2.12]	1.31 [−1.20;1.76]
Salt	P-K	−0.15 [−0.15;1.95]	**0.17** [−1.40;1.53]	−0.13 [−1.56;1.40]	0.57 [−1.70;1.03]	0.80 [−0.91;0.83]	0.16 [−1.18;1.07]	1.43 [−1.05;1.45]	−0.52 [−1.09;2.00]	−0.85 [−1.17;1.81]	0.47 [−1.08;1.67]
Saturated Fatty Acids, E%	P-K	1.99 [0.61;2.10]	**1.02** [−2.07;1.52]	0.79 [−1.97;1.51]	1.47 [−1.99;1.60]	0.83 [−1.88;1.67]	0.58 [−1.65;1.83]	1.05 [−1.95;1.74]	1.13 [−1.16;1.99]	1.00 [−1.32;2.00]	1.42 [−1.21;2.07]
Water	fP-Pi	0.23 [0.19;0.89]	**0.06** [−0.49;0.81]	−0.33 [−0.66;0.97]	0.24 [−0.54;0.82]	0.08 [−0.15;0.58]	−0.34 [−0.54;0.66]	0.31 [−0.33;0.63]	0.38 [−1.01;0.88]	0.22 [−0.99;1.10]	0.66 [−1.00;1.17]
Gender	fP-Pi	0.21 [0.08;1.79]	**1.41** [−1.41;1.42]	1.37 [−1.73;1.38]	1.45 [−1.49;1.46]	−0.39 [−1.13;0.78]	−0.45 [−1.34;1.08]	−0.34 [−1.48;0.95]	−0.81 [−1.89;0.93]	−0.84 [−2.03;1.22]	−0.78 [−2.21;1.08]
Polyunsaturated Fatty Acids, E%	fP-Pi	−0.18 [−0.21;0.62]	**−0.19** [−1.36;0.89]	−0.21 [−1.24;1.25]	−0.18 [−1.21;0.88]	−0.36 [−0.59;0.35]	−0.38 [−0.65;0.44]	−0.34 [−0.70;0.29]	−0.20 [−0.88;0.92]	−0.21 [−0.90;0.93]	−0.19 [−0.84;0.87]
Protein, E%	P-K	1.08 [0.74;2.36]	**0.98** [−1.22;1.84]	0.83 [−1.25;1.74]	1.09 [−1.38;1.85]	−0.75 [−1.24;1.60]	−1.04 [−1.27;1.81]	−0.52 [−1.43;1.74]	−1.84 [−1.92;2.03]	−1.79 [−2.01;2.46]	−1.66 [−1.78;1.80]
Phosphorous	fP-Pi	0.62 [0.58;1.47]	**0.86** [−1.71;1.14]	0.86 [−1.66;1.22]	0.86 [−1.75;1.17]	0.70 [−0.52;1.13]	0.70 [−0.71;1.17]	0.70 [−0.60;1.39]	0.51 [−1.50;1.89]	0.51 [−1.53;2.08]	0.52 [−1.59;1.83]
Sodium	P-K	0.58 [0.58;2.59]	**0.55** [−0.98;8.85]	−0.90 [−0.90;8.76]	1.29 [−0.92;9.03]	0.56 [−0.61;1.28]	−0.73 [−0.73;1.37]	1.30 [−0.51;1.59]	0.53 [−2.20;4.45]	−2.43 [−2.43;4.29]	1.30 [−2.17;4.50]
Vitamin D	fP-Pi	0.03 [0.02;0.36]	**−0.03** [−0.69;0.32]	−0.10 [−0.81;0.30]	0.62 [−0.77;0.63]	0.08 [−0.23;0.38]	−0.56 [−0.57;0.43]	0.66 [−0.29;0.67]	0.06 [−0.38;0.71]	−0.34 [−0.51;0.77]	0.36 [−0.50;0.86]
Sodium	fP-Pi	−0.47 [−0.42;1.70]	**−0.46** [−1.11;1.58]	−1.01 [−1.25;1.68]	−0.03 [−1.15;1.57]	**−0.67** [−0.96;0.47]	−1.20 [−1.27;0.68]	−0.02 [−0.89;0.51]	−0.30 [−1.68;1.38]	−1.01 [−1.70;1.47]	−0.03 [−1.72;1.40]