

**Creation of Percent Change from Baseline for UFR, Na, and K
Not Using Arrays and DO Loops - One Line of Code per Calculation**

Obs	animal	Group	UFR0	UFR30	UFR60	UFR90	UFR120	UFR150	UFR180	Na0	Na30	Na60
1	1	Citrate	18.1	17.0	9.6	9.6	25.6	10.6	18.1	1.16	1.91	1.74
2	2	Citrate	12.4	12.4	10.5	12.4	29.6	15.3	18.1	0.72	1.39	1.34
3	3	Citrate	12.0	10.8	7.2	7.2	9.6	7.2	12.0	0.79	0.99	1.37
4	4	Citrate	18.7	42.8	26.8	29.5	33.5	13.4	12.0	2.69	7.56	4.81
5	5	Citrate	10.5	23.5	19.6	27.5	35.3	20.9	15.7	1.72	4.95	4.34
6	6	Citrate	15.4	27.5	19.8	24.2	35.2	17.6	18.7	1.30	3.86	3.43
7	7	STZ	13.4	29.2	23.1	24.3	17.0	3.6	3.6	1.45	2.45	3.14
8	8	STZ	3.4	6.7	10.7	5.6	10.7	4.5	3.9	0.21	0.66	0.92
9	9	STZ	12.3	19.9	17.0	14.2	27.5	9.5	8.5	1.26	2.19	2.52
10	10	STZ	19.2	26.2	21.0	21.0	28.9	20.1	9.6	1.69	1.89	2.65
11	11	STZ	9.8	19.6	19.6	27.2	19.6	13.1	20.7	1.31	3.18	5.02
12	12	STZ	29.3	35.8	23.9	19.5	23.9	13.0	9.8	3.52	4.66	4.54

Obs	Na90	Na120	Na150	Na180	K0	K30	K60	K90	K120	K150	K180	pufr0	pufr30	pufr60
1	2.01	5.57	2.19	4.74	1.21	0.77	0.65	0.73	1.92	0.59	1.16	0	-6.077	-46.961
2	2.36	3.32	2.14	2.76	0.99	0.94	0.53	0.76	0.65	0.39	0.45	0	0.000	-15.323
3	1.38	1.94	1.50	2.61	1.08	0.81	0.67	0.69	0.93	0.64	0.86	0	-10.000	-40.000
4	5.53	5.65	2.57	2.83	1.50	2.42	1.32	1.47	1.30	1.30	0.86	0	128.877	43.316
5	3.96	6.48	5.48	4.62	2.08	2.55	1.45	1.64	1.38	0.88	0.84	0	123.810	86.667
6	4.54	6.52	3.55	3.92	1.46	1.72	0.97	1.00	1.02	0.84	1.02	0	78.571	28.571
7	3.02	3.44	0.82	0.85	1.08	0.74	0.70	0.61	0.64	0.17	0.22	0	117.910	72.388
8	0.82	1.20	0.73	0.72	0.40	0.74	0.51	0.41	0.43	0.24	0.27	0	97.059	214.706
9	2.81	3.24	2.33	2.25	1.54	0.91	0.74	0.89	0.63	0.56	0.70	0	61.789	38.211
10	2.77	4.16	2.50	1.87	1.30	0.45	0.45	0.47	0.55	0.32	0.32	0	36.458	9.375
11	3.70	3.80	2.17	4.31	1.18	1.36	1.49	0.84	0.74	0.45	0.82	0	100.000	100.000
12	3.71	3.01	2.61	2.17	1.01	0.98	0.76	0.57	0.43	0.44	0.44	0	22.184	-18.430

Obs	pufr90	pufr120	pufr150	pufr180	pna0	pna30	pna60	pna90	pna120	pna150	pna180	pk0
1	-46.961	41.436	-41.4365	0.000	0	64.655	50.000	73.276	380.172	88.793	308.621	0
2	0.000	138.710	23.3871	45.968	0	93.056	86.111	227.778	361.111	197.222	283.333	0
3	-40.000	-20.000	-40.0000	0.000	0	25.316	73.418	74.684	145.570	89.873	230.380	0
4	57.754	79.144	-28.3422	-35.829	0	181.041	78.810	105.576	110.037	-4.461	5.204	0
5	161.905	236.190	99.0476	49.524	0	187.791	152.326	130.233	276.744	218.605	168.605	0
6	57.143	128.571	14.2857	21.429	0	196.923	163.846	249.231	401.538	173.077	201.538	0
7	81.343	26.866	-73.1343	-73.134	0	68.966	116.552	108.276	137.241	-43.448	-41.379	0

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Obs	pufr90	pufr120	pufr150	pufr180	pna0	pna30	pna60	pna90	pna120	pna150	pna180	pk0
8	64.706	214.706	32.3529	14.706	0	214.286	338.095	290.476	471.429	247.619	242.857	0
9	15.447	123.577	-22.7642	-30.894	0	73.810	100.000	123.016	157.143	84.921	78.571	0
10	9.375	50.521	4.6875	-50.000	0	11.834	56.805	63.905	146.154	47.929	10.651	0
11	177.551	100.000	33.6735	111.224	0	142.748	283.206	182.443	190.076	65.649	229.008	0
12	-33.447	-18.430	-55.6314	-66.553	0	32.386	28.977	5.398	-14.489	-25.852	-38.352	0

Obs	pk30	pk60	pk90	pk120	pk150	pk180
1	-36.3636	-46.2810	-39.6694	58.6777	-51.2397	-4.1322
2	-5.0505	-46.4646	-23.2323	-34.3434	-60.6061	-54.5455
3	-25.0000	-37.9630	-36.1111	-13.8889	-40.7407	-20.3704
4	61.3333	-12.0000	-2.0000	-13.3333	-13.3333	-42.6667
5	22.5962	-30.2885	-21.1538	-33.6538	-57.6923	-59.6154
6	17.8082	-33.5616	-31.5068	-30.1370	-42.4658	-30.1370
7	-31.4815	-35.1852	-43.5185	-40.7407	-84.2593	-79.6296
8	85.0000	27.5000	2.5000	7.5000	-40.0000	-32.5000
9	-40.9091	-51.9481	-42.2078	-59.0909	-63.6364	-54.5455
10	-65.3846	-65.3846	-63.8462	-57.6923	-75.3846	-75.3846
11	15.2542	26.2712	-28.8136	-37.2881	-61.8644	-30.5085
12	-2.9703	-24.7525	-43.5644	-57.4257	-56.4356	-56.4356