|  |  |  |
| --- | --- | --- |
| ***Phenotypes*** | ***rho*** | ***p-value*** |
| Initial Weight, Final Weight | 0.722\* | <0.001 |
| Initial Weight, AST | -0.254\* | <0.001 |
| Initial Weight, ALT | 0.198\* | 0.002 |
| Initial Weight, AST/ALT | -0.398\* | <0.001 |
| Initial Weight, BUN | 0.021 | 0.749 |
| Initial Weight, Glucose | 0.290\* | <0.001 |
| Initial Weight, NADH | -0.081 | 0.197 |
| Initial Weight, NADP | -0.321\* | <0.001 |
| Initial Weight, NADPH | 0.342\* | <0.001 |
| Initial Weight, NADP/NADPH | -0.431\* | <0.001 |
| Initial Weight, Liver Weight | 0.759\* | <0.001 |
| Initial Weight, Liver GSH | 0.066 | 0.298 |
| Initial Weight, Liver GSSG | 0.131\* | 0.036 |
| Initial Weight, Liver Total GSH | 0.067 | 0.285 |
| Initial Weight, Liver GSH/GSSG | -0.064 | 0.308 |
| Initial Weight, Liver 2GSH/GSSG | -0.064 | 0.308 |
| Initial Weight, Liver Eh (GSSG/2GSH) | -0.002 | 0.977 |
| Initial Weight, Steatosis | 0.116 | 0.066 |
| Initial Weight, Ballooning | 0.098 | 0.120 |
| Initial Weight, Fibrosis | -0.100 | 0.111 |
| Initial Weight, Kidney GSH | -0.095 | 0.129 |
| Initial Weight, Kidney GSSG | -0.264\* | <0.001 |
| Initial Weight, Kidney Total GSH | -0.109 | 0.083 |
| Initial Weight, Kidney GSH/GSSG | 0.172\* | 0.006 |
| Initial Weight, Kidney 2GSH/GSSG | 0.172\* | 0.006 |
| Initial Weight, Kidney Eh (GSSG/2GSH) | -0.076 | 0.225 |
| Final Weight, AST | -0.205\* | <0.001 |
| Final Weight, ALT | 0.197\* | <0.001 |
| Final Weight, AST/ALT | -0.381\* | <0.001 |
| Final Weight, BUN | 0.098 | 0.071 |
| Final Weight, Glucose | 0.363\* | <0.001 |
| Final Weight, NADH | -0.042 | 0.446 |
| Final Weight, NADP | -0.091 | 0.097 |
| Final Weight, NADPH | 0.151\* | 0.005 |
| Final Weight, NADP/NADPH | -0.169\* | 0.002 |
| Final Weight, Liver Weight | 0.805\* | <0.001 |
| Final Weight, Liver GSH | 0.033 | 0.537 |
| Final Weight, Liver GSSG | 0.113\* | 0.035 |
| Final Weight, Liver Total GSH | 0.035 | 0.522 |
| Final Weight, Liver GSH/GSSG | -0.115\* | 0.032 |
| Final Weight, Liver 2GSH/GSSG | -0.115\* | 0.032 |
| Final Weight, Liver Eh (GSSG/2GSH) | 0.031 | 0.568 |
| Final Weight, Steatosis | 0.304\* | <0.001 |
| Final Weight, Ballooning | 0.352\* | <0.001 |
| Final Weight, Fibrosis | -0.034 | 0.524 |
| Final Weight, Kidney GSH | -0.159\* | 0.003 |
| Final Weight, Kidney GSSG | -0.199\* | <0.001 |
| Final Weight, Kidney Total GSH | -0.170\* | 0.002 |
| Final Weight, Kidney GSH/GSSG | 0.094 | 0.082 |
| Final Weight, Kidney 2GSH/GSSG | 0.094 | 0.082 |
| Final Weight, Kidney Eh (GSSG/2GSH) | 0.006 | 0.915 |
| AST, ALT | 0.504\* | <0.001 |
| AST, AST/ALT | 0.564\* | <0.001 |
| AST, BUN | 0.013 | 0.817 |
| AST, Glucose | -0.167\* | 0.002 |
| AST, NADH | 0.108 | 0.051 |
| AST, NADP | -0.057 | 0.304 |
| AST, NADPH | 0.031 | 0.572 |
| AST, NADP/NADPH | -0.031 | 0.582 |
| AST, Liver Weight | -0.160\* | 0.003 |
| AST, Liver GSH | 0.179\* | 0.001 |
| AST, Liver GSSG | 0.109\* | 0.043 |
| AST, Liver Total GSH | 0.177\* | 0.001 |
| AST, Liver GSH/GSSG | 0.090 | 0.098 |
| AST, Liver 2GSH/GSSG | 0.090 | 0.097 |
| AST, Liver Eh (GSSG/2GSH) | -0.185\* | 0.001 |
| AST, Steatosis | -0.080 | 0.142 |
| AST, Ballooning | -0.115\* | 0.034 |
| AST, Fibrosis | -0.004 | 0.947 |
| AST, Kidney GSH | 0.077 | 0.158 |
| AST, Kidney GSSG | -0.075 | 0.165 |
| AST, Kidney Total GSH | 0.073 | 0.180 |
| AST, Kidney GSH/GSSG | 0.127\* | 0.019 |
| AST, Kidney 2GSH/GSSG | 0.127\* | 0.019 |
| AST, Kidney Eh (GSSG/2GSH) | -0.126\* | 0.020 |
| ALT, AST/ALT | -0.355\* | 0.000 |
| ALT, BUN | 0.164\* | 0.003 |
| ALT, Glucose | 0.009 | 0.865 |
| ALT, NADH | -0.002 | 0.976 |
| ALT, NADP | -0.152\* | 0.006 |
| ALT, NADPH | 0.070 | 0.203 |
| ALT, NADP/NADPH | -0.098 | 0.082 |
| ALT, Liver Weight | 0.298\* | <0.001 |
| ALT, Liver GSH | 0.132\* | 0.015 |
| ALT, Liver GSSG | 0.127\* | 0.018 |
| ALT, Liver Total GSH | 0.131\* | 0.015 |
| ALT, Liver GSH/GSSG | -0.016 | 0.770 |
| ALT, Liver 2GSH/GSSG | -0.016 | 0.770 |
| ALT, Liver Eh (GSSG/2GSH) | -0.088 | 0.104 |
| ALT, Steatosis | 0.066 | 0.221 |
| ALT, Ballooning | 0.013 | 0.818 |
| ALT, Fibrosis | -0.022 | 0.689 |
| ALT, Kidney GSH | -0.015 | 0.784 |
| ALT, Kidney GSSG | -0.189\* | <0.001 |
| ALT, Kidney Total GSH | -0.025 | 0.643 |
| ALT, Kidney GSH/GSSG | 0.165\* | 0.002 |
| ALT, Kidney 2GSH/GSSG | 0.165\* | 0.002 |
| ALT, Kidney Eh (GSSG/2GSH) | -0.109\* | 0.044 |
| AST/ALT, BUN | -0.107\* | 0.050 |
| AST/ALT, Glucose | -0.181\* | 0.001 |
| AST/ALT, NADH | 0.144\* | 0.009 |
| AST/ALT, NADP | 0.038 | 0.496 |
| AST/ALT, NADPH | -0.029 | 0.600 |
| AST/ALT, NADP/NADPH | 0.027 | 0.628 |
| AST/ALT, Liver Weight | -0.416\* | <0.001 |
| AST/ALT, Liver GSH | 0.116\* | 0.033 |
| AST/ALT, Liver GSSG | 0.041 | 0.449 |
| AST/ALT, Liver Total GSH | 0.115\* | 0.034 |
| AST/ALT, Liver GSH/GSSG | 0.099 | 0.067 |
| AST/ALT, Liver 2GSH/GSSG | 0.099 | 0.067 |
| AST/ALT, Liver Eh (GSSG/2GSH) | -0.146\* | 0.007 |
| AST/ALT, Steatosis | -0.121\* | 0.026 |
| AST/ALT, Ballooning | -0.130\* | 0.016 |
| AST/ALT, Fibrosis | 0.023 | 0.678 |
| AST/ALT, Kidney GSH | 0.087 | 0.109 |
| AST/ALT, Kidney GSSG | 0.071 | 0.194 |
| AST/ALT, Kidney Total GSH | 0.090 | 0.097 |
| AST/ALT, Kidney GSH/GSSG | -0.006 | 0.908 |
| AST/ALT, Kidney 2GSH/GSSG | -0.006 | 0.908 |
| AST/ALT, Kidney Eh (GSSG/2GSH) | -0.036 | 0.505 |
| BUN, Glucose | 0.022 | 0.693 |
| BUN, NADH | 0.152\* | 0.006 |
| BUN, NADP | -0.054 | 0.335 |
| BUN, NADPH | 0.029 | 0.602 |
| BUN, NADP/NADPH | -0.039 | 0.489 |
| BUN, Liver Weight | 0.106 | 0.052 |
| BUN, Liver GSH | 0.134\* | 0.014 |
| BUN, Liver GSSG | 0.098 | 0.073 |
| BUN, Liver Total GSH | 0.131 | 0.016 |
| BUN, Liver GSH/GSSG | 0.037 | 0.501 |
| BUN, Liver 2GSH/GSSG | 0.037 | 0.501 |
| BUN, Liver Eh (GSSG/2GSH) | -0.123\* | 0.024 |
| BUN, Steatosis | 0.091 | 0.094 |
| BUN, Ballooning | 0.036 | 0.506 |
| BUN, Fibrosis | -0.005 | 0.923 |
| BUN, Kidney GSH | 0.071 | 0.193 |
| BUN, Kidney GSSG | 0.003 | 0.951 |
| BUN, Kidney Total GSH | 0.067 | 0.220 |
| BUN, Kidney GSH/GSSG | 0.059 | 0.278 |
| BUN, Kidney 2GSH/GSSG | 0.059 | 0.278 |
| BUN, Kidney Eh (GSSG/2GSH) | -0.079 | 0.148 |
| Glucose, NADH | -0.023 | 0.675 |
| Glucose, NADP | -0.176\* | 0.001 |
| Glucose, NADPH | 0.233\* | <0.001 |
| Glucose, NADP/NADPH | -0.275\* | <0.001 |
| Glucose, Liver Weight | 0.394\* | <0.001 |
| Glucose, Liver GSH | 0.065 | 0.227 |
| Glucose, Liver GSSG | 0.040 | 0.460 |
| Glucose, Liver Total GSH | 0.064 | 0.235 |
| Glucose, Liver GSH/GSSG | 0.043 | 0.427 |
| Glucose, Liver 2GSH/GSSG | 0.043 | 0.427 |
| Glucose, Liver Eh (GSSG/2GSH) | -0.063 | 0.241 |
| Glucose, Steatosis | 0.082 | 0.127 |
| Glucose, Ballooning | 0.316\* | <0.001 |
| Glucose, Fibrosis | 0.014 | 0.792 |
| Glucose, Kidney GSH | -0.054 | 0.318 |
| Glucose, Kidney GSSG | -0.172\* | 0.001 |
| Glucose, Kidney Total GSH | -0.062 | 0.249 |
| Glucose, Kidney GSH/GSSG | 0.121\* | 0.025 |
| Glucose, Kidney 2GSH/GSSG | 0.121\* | 0.025 |
| Glucose, Kidney Eh (GSSG/2GSH) | -0.050 | 0.352 |
| NADH, NADP | -0.142\* | 0.010 |
| NADH, NADPH | 0.191\* | 0.001 |
| NADH, NADP/NADPH | -0.181\* | 0.001 |
| NADH, Liver Weight | -0.063 | 0.253 |
| NADH, Liver GSH | 0.253\* | <0.001 |
| NADH, Liver GSSG | 0.123\* | 0.025 |
| NADH, Liver Total GSH | 0.250\* | <0.001 |
| NADH, Liver GSH/GSSG | 0.186\* | 0.001 |
| NADH, Liver 2GSH/GSSG | 0.186\* | 0.001 |
| NADH, Liver Eh (GSSG/2GSH) | -0.307\* | <0.001 |
| NADH, Steatosis | 0.051 | 0.353 |
| NADH, Ballooning | 0.100 | 0.070 |
| NADH, Fibrosis | -0.037 | 0.503 |
| NADH, Kidney GSH | 0.048 | 0.385 |
| NADH, Kidney GSSG | -0.114\* | 0.038 |
| NADH, Kidney Total GSH | 0.039 | 0.477 |
| NADH, Kidney GSH/GSSG | 0.151\* | 0.006 |
| NADH, Kidney 2GSH/GSSG | 0.151\* | 0.006 |
| NADH, Kidney Eh (GSSG/2GSH) | -0.136\* | 0.013 |
| NADP, NADPH | -0.278\* | <0.001 |
| NADP, NADP/NADPH | 0.711\* | <0.001 |
| NADP, Liver Weight | -0.218\* | <0.001 |
| NADP, Liver GSH | -0.306\* | <0.001 |
| NADP, Liver GSSG | -0.269\* | <0.001 |
| NADP, Liver Total GSH | -0.306\* | <0.001 |
| NADP, Liver GSH/GSSG | -0.010 | 0.850 |
| NADP, Liver 2GSH/GSSG | -0.010 | 0.850 |
| NADP, Liver Eh (GSSG/2GSH) | 0.226\* | <0.001 |
| NADP, Steatosis | 0.010 | 0.849 |
| NADP, Ballooning | 0.075 | 0.176 |
| NADP, Fibrosis | 0.111\* | 0.043 |
| NADP, Kidney GSH | -0.267\* | <0.001 |
| NADP, Kidney GSSG | 0.043 | 0.432 |
| NADP, Kidney Total GSH | -0.260\* | <0.001 |
| NADP, Kidney GSH/GSSG | -0.258\* | <0.001 |
| NADP, Kidney 2GSH/GSSG | -0.258\* | <0.001 |
| NADP, Kidney Eh (GSSG/2GSH) | 0.311\* | <0.001 |
| NADPH, NADP/NADPH | -0.846\* | <0.001 |
| NADPH, Liver Weight | 0.203\* | <0.001 |
| NADPH, Liver GSH | 0.267\* | <0.001 |
| NADPH, Liver GSSG | 0.203\* | <0.001 |
| NADPH, Liver Total GSH | 0.265\* | <0.001 |
| NADPH, Liver GSH/GSSG | 0.085 | 0.119 |
| NADPH, Liver 2GSH/GSSG | 0.085 | 0.119 |
| NADPH, Liver Eh (GSSG/2GSH) | -0.234\* | <0.001 |
| NADPH, Steatosis | -0.001 | 0.983 |
| NADPH, Ballooning | 0.075 | 0.169 |
| NADPH, Fibrosis | 0.006 | 0.915 |
| NADPH, Kidney GSH | 0.187\* | 0.001 |
| NADPH, Kidney GSSG | -0.113\* | 0.039 |
| NADPH, Kidney Total GSH | 0.176\* | 0.001 |
| NADPH, Kidney GSH/GSSG | 0.256\* | <0.001 |
| NADPH, Kidney 2GSH/GSSG | 0.256\* | <0.001 |
| NADPH, Kidney Eh (GSSG/2GSH) | -0.272\* | <0.001 |
| NADP/NADPH, Liver Weight | -0.262\* | <0.001 |
| NADP/NADPH, Liver GSH | -0.297\* | <0.001 |
| NADP/NADPH, Liver GSSG | -0.233\* | <0.001 |
| NADP/NADPH, Liver Total GSH | -0.296\* | <0.001 |
| NADP/NADPH, Liver GSH/GSSG | -0.071 | 0.208 |
| NADP/NADPH, Liver 2GSH/GSSG | -0.071 | 0.208 |
| NADP/NADPH, Liver Eh (GSSG/2GSH) | 0.240\* | <0.001 |
| NADP/NADPH, Steatosis | -0.021 | 0.708 |
| NADP/NADPH, Ballooning | -0.019 | 0.738 |
| NADP/NADPH, Fibrosis | 0.087 | 0.123 |
| NADP/NADPH, Kidney GSH | -0.217\* | <0.001 |
| NADP/NADPH, Kidney GSSG | 0.115\* | 0.041 |
| NADP/NADPH, Kidney Total GSH | -0.205\* | <0.001 |
| NADP/NADPH, Kidney GSH/GSSG | -0.293\* | <0.001 |
| NADP/NADPH, Kidney 2GSH/GSSG | -0.293\* | <0.001 |
| NADP/NADPH, Kidney Eh (GSSG/2GSH) | 0.313\* | <0.001 |
| Liver Weight, Liver GSH | 0.136\* | 0.012 |
| Liver Weight, Liver GSSG | 0.176\* | 0.001 |
| Liver Weight, Liver Total GSH | 0.137\* | 0.011 |
| Liver Weight, Liver GSH/GSSG | -0.089 | 0.099 |
| Liver Weight, Liver 2GSH/GSSG | -0.089 | 0.098 |
| Liver Weight, Liver Eh (GSSG/2GSH) | -0.050 | 0.349 |
| Liver Weight, Steatosis | 0.272\* | <0.001 |
| Liver Weight, Ballooning | 0.387\* | <0.001 |
| Liver Weight, Fibrosis | -0.055 | 0.305 |
| Liver Weight, Kidney GSH | -0.135\* | 0.012 |
| Liver Weight, Kidney GSSG | -0.234\* | <0.001 |
| Liver Weight, Kidney Total GSH | -0.145\* | 0.007 |
| Liver Weight, Kidney GSH/GSSG | 0.146\* | 0.006 |
| Liver Weight, Kidney 2GSH/GSSG | 0.146\* | 0.006 |
| Liver Weight, Kidney Eh (GSSG/2GSH) | -0.037 | 0.496 |
| Liver GSH, Liver GSSG | 0.791\* | <0.001 |
| Liver GSH, Liver Total GSH | 1.000\* | <0.001 |
| Liver GSH, Liver GSH/GSSG | 0.137\* | 0.011 |
| Liver GSH, Liver 2GSH/GSSG | 0.137\* | 0.011 |
| Liver GSH, Liver Eh (GSSG/2GSH) | -0.810\* | <0.001 |
| Liver GSH, Steatosis | 0.009 | 0.867 |
| Liver GSH, Ballooning | 0.105 | 0.052 |
| Liver GSH, Fibrosis | -0.112\* | 0.037 |
| Liver GSH, Kidney GSH | 0.199\* | <0.001 |
| Liver GSH, Kidney GSSG | -0.059 | 0.277 |
| Liver GSH, Kidney Total GSH | 0.193\* | <0.001 |
| Liver GSH, Kidney GSH/GSSG | 0.219\* | <0.001 |
| Liver GSH, Kidney 2GSH/GSSG | 0.219\* | <0.001 |
| Liver GSH, Kidney Eh (GSSG/2GSH) | -0.246\* | <0.001 |
| Liver GSSG, Total GSH | 0.801\* | <0.001 |
| Liver GSSG, GSH/GSSG | -0.443\* | <0.001 |
| Liver GSSG, 2GSH/GSSG | -0.443\* | <0.001 |
| Liver GSSG, Eh (GSSG/2GSH) | -0.326\* | <0.001 |
| Liver GSSG, Steatosis | 0.092 | 0.089 |
| Liver GSSG, Ballooning | 0.084 | 0.120 |
| Liver GSSG, Fibrosis | -0.070 | 0.195 |
| Liver GSSG, Kidney GSH | 0.157\* | 0.003 |
| Liver GSSG, Kidney GSSG | 0.014 | 0.791 |
| Liver GSSG, Kidney Total GSH | 0.154\* | 0.004 |
| Liver GSSG, Kidney GSH/GSSG | 0.112\* | 0.037 |
| Liver GSSG, Kidney 2GSH/GSSG | 0.112\* | 0.037 |
| Liver GSSG, Kidney Eh (GSSG/2GSH) | -0.147\* | 0.006 |
| Liver Total GSH, Liver GSH/GSSG | 0.120\* | 0.026 |
| Liver Total GSH, Liver 2GSH/GSSG | 0.120\* | 0.026 |
| Liver Total GSH, Liver Eh (GSSG/2GSH) | -0.799\* | <0.001 |
| Liver Total GSH, Steatosis | 0.013 | 0.808 |
| Liver Total GSH, Ballooning | 0.105 | 0.052 |
| Liver Total GSH, Fibrosis | -0.112\* | 0.037 |
| Liver Total GSH, Kidney GSH | 0.199\* | <0.001 |
| Liver Total GSH, Kidney GSSG | -0.056 | 0.300 |
| Liver Total GSH, Kidney Total GSH | 0.193\* | <0.001 |
| Liver Total GSH, Kidney GSH/GSSG | 0.216\* | <0.001 |
| Liver Total GSH, Kidney 2GSH/GSSG | 0.216\* | <0.001 |
| Liver Total GSH, Kidney Eh (GSSG/2GSH) | -0.244\* | <0.001 |
| Liver GSH/GSSG, Liver 2GSH/GSSG | 1.000\* | <0.001 |
| Liver GSH/GSSG, Liver Eh (GSSG/2GSH) | -0.652\* | <0.001 |
| Liver GSH/GSSG, Steatosis | -0.176\* | 0.001 |
| Liver GSH/GSSG, Ballooning | 0.008 | 0.876 |
| Liver GSH/GSSG, Fibrosis | -0.036 | 0.510 |
| Liver GSH/GSSG, Kidney GSH | 0.022 | 0.681 |
| Liver GSH/GSSG, Kidney GSSG | -0.126\* | 0.020 |
| Liver GSH/GSSG, Kidney Total GSH | 0.015 | 0.786 |
| Liver GSH/GSSG, Kidney GSH/GSSG | 0.150\* | 0.005 |
| Liver GSH/GSSG, Kidney 2GSH/GSSG | 0.150\* | 0.005 |
| Liver GSH/GSSG, Kidney Eh (GSSG/2GSH) | -0.124\* | 0.021 |
| Liver 2GSH/GSSG, Liver Eh (GSSG/2GSH) | -0.652\* | <0.001 |
| Liver 2GSH/GSSG, Steatosis | -0.176\* | 0.001 |
| Liver 2GSH/GSSG, Ballooning | 0.008 | 0.876 |
| Liver 2GSH/GSSG, Fibrosis | -0.036 | 0.510 |
| Liver 2GSH/GSSG, Kidney GSH | 0.022 | 0.682 |
| Liver 2GSH/GSSG, Kidney GSSG | -0.126\* | 0.020 |
| Liver 2GSH/GSSG, Kidney Total GSH | 0.015 | 0.786 |
| Liver 2GSH/GSSG, Kidney GSH/GSSG | 0.150\* | 0.005 |
| Liver 2GSH/GSSG, Kidney 2GSH/GSSG | 0.150\* | 0.005 |
| Liver 2GSH/GSSG, Kidney Eh (GSSG/2GSH) | -0.124\* | 0.021 |
| Liver Eh (GSSG/2GSH), Steatosis | 0.078 | 0.146 |
| Liver Eh (GSSG/2GSH), Ballooning | -0.091 | 0.091 |
| Liver Eh (GSSG/2GSH), Fibrosis | 0.090 | 0.096 |
| Liver Eh (GSSG/2GSH), Kidney GSH | -0.154\* | 0.004 |
| Liver Eh (GSSG/2GSH), Kidney GSSG | 0.105 | 0.053 |
| Liver Eh (GSSG/2GSH), Kidney Total GSH | -0.145\* | 0.007 |
| Liver Eh (GSSG/2GSH), Kidney GSH/GSSG | -0.226\* | <0.001 |
| Liver Eh (GSSG/2GSH), Kidney 2GSH/GSSG | -0.226\* | <0.001 |
| Liver Eh (GSSG/2GSH), Kidney Eh (GSSG/2GSH) | 0.238\* | <0.001 |
| Steatosis, Ballooning | 0.116\* | 0.031 |
| Steatosis, Fibrosis | 0.007 | 0.901 |
| Steatosis, Kidney GSH | 0.014 | 0.801 |
| Steatosis, Kidney GSSG | 0.059 | 0.272 |
| Steatosis, Kidney Total GSH | 0.013 | 0.811 |
| Steatosis, Kidney GSH/GSSG | -0.015 | 0.781 |
| Steatosis, Kidney 2GSH/GSSG | -0.015 | 0.781 |
| Steatosis, Kidney Eh (GSSG/2GSH) | -0.014 | 0.801 |
| Ballooning, Fibrosis | -0.043 | 0.425 |
| Ballooning, Kidney GSH | -0.184\* | 0.001 |
| Ballooning, Kidney GSSG | -0.021 | 0.698 |
| Ballooning, Kidney Total GSH | -0.180\* | 0.001 |
| Ballooning, Kidney GSH/GSSG | -0.099 | 0.068 |
| Ballooning, Kidney 2GSH/GSSG | -0.099 | 0.068 |
| Ballooning, Kidney Eh (GSSG/2GSH) | 0.158\* | 0.003 |
| Kidney GSH, Kidney GSSG | 0.352\* | <0.001 |
| Kidney GSH, Kidney Total GSH | 0.998\* | <0.001 |
| Kidney GSH, Kidney GSH/GSSG | 0.401\* | <0.001 |
| Kidney GSH, Kidney 2GSH/GSSG | 0.401\* | <0.001 |
| Kidney GSH, Kidney Eh (GSSG/2GSH) | -0.773\* | <0.001 |
| Kidney GSSG, Kidney Total GSH | 0.394\* | <0.001 |
| Kidney GSSG, Kidney GSH/GSSG | -0.661\* | <0.001 |
| Kidney GSSG, Kidney 2GSH/GSSG | -0.661\* | <0.001 |
| Kidney GSSG, Kidney Eh (GSSG/2GSH) | 0.263\* | <0.001 |
| Kidney Total GSH, Kidney GSH/GSSG | 0.360\* | <0.001 |
| Kidney Total GSH, Kidney 2GSH/GSSG | 0.360\* | <0.001 |
| Kidney Total GSH, Kidney Eh (GSSG/2GSH) | -0.743\* | <0.001 |
| Kidney GSH/GSSG, Kidney 2GSH/GSSG | 1.000\* | <0.001 |
| Kidney GSH/GSSG, Kidney Eh (GSSG/2GSH) | -0.879\* | <0.001 |
| Kidney 2GSH/GSSG, Kidney Eh (GSSG/2GSH) | -0.879\* | <0.001 |