Comparison BaseVsFBPase BaseVsTKT BaseVsBoth **TKTVsBoth** FSBPasesVsBoth **FSBPaseVsTKT AMP** 1 0.981 0.725 0.92 0.893 0.977 PRPP 0.985 0.262 0.227 1 0.086 0.133 **FUM** 0.028 0.923 0.964 0.198 0.031 0.284 H2O2 0.534 0.424 0.995 0.699 0.147 0.687 GLX 0.979 0.074 0.106 1 0.051 0.056 GLC 0.999 0.027 0.204 0.966 0.284 0.051 PG 1 0.976 0.893 1 0.997 0.998 MAL 0.994 0.149 0.477 0.999 0.641 0.433 O2G 0.952 0.483 0.626 1 0.446 0.273 ICI 0.921 0.002 0.005 1 0.01 0.009 CIT 1 0.963 0.857 0.796 0.93 1 OAA 0.136 0.139 0.78 0.943 0.721 0.999 P6G 0.005 0.001 0.012 0.049 0.634 1 GL6P 0.27 0.085 1 0.235 0.343 0.143 G6P 0.927 0.92 0.922 0.95 0.767 0.992 **ACETP** 0.014 0.313 0.001 0.117 0.334 0.108 NADH 0.997 0.001 0 1 0 0 ACCOA 0.001 0.801 0.02 0.875 0.049 0.184 COA 0.954 0.288 0.726 0.969 0.827 0.474 Metabolite NAD 0.004 0.001 0 0.002 0.999 1 PYR 0.952 0.063 0.171 0.952 0.045 0.028 PEP 1 0.782 0.633 0.999 0.439 0.658 P2G 0.992 0.87 0.549 0.999 0.654 0.997 Ru5P 1 0 0 0.967 0 0 SBP 0.993 0 0 0.481 0 0 R₅P 0.994 0.001 0 0.991 0 0 S7P 0.947 0.002 0.007 0.993 0.003 0.001 Xu5P 0 0 1 0 0 0.918 E4P 0.395 0 0 0.629 0 0 F6P 0.995 0.024 0.071 0.203 0.08 0.998 **FBP** 0.062 0.045 0 0.431 0.05 0.527 DHAP 0.243 0.2 1 0.031 0.009 0.108 GAP 0.831 0.737 0.777 0.926 0.747 0.834 P_i 0.915 0.939 1 0.998 0.727 0.707 **NADP** 0.243 0 0.001 0.991 0.124 0.047 **NADPH** 0.121 0 0 0.981 0.027 0.009 **BPG** 0.02 0.388 0.247 0.534 0.595 0.868 **ADP** 1 0.043 0.143 0.998 0.288 0.138 **ATP** 0.985 0.979 0.838 0.307 0.765 0.699 P3G 0.953 0.362 0.914 0.947 0.988 0.576 RuBP 0.236 0 0 1 0 0

Significant
FALSE
TRUE