

Table 1: Fractional Change of Total Nsk (%) at shifting each syst param by $\pm 1\sigma$

syst param	BANFF pre				BANFF post			
	Non-Osc		Osc		Non-Osc		Osc	
	$+1\sigma$	-1σ	$+1\sigma$	-1σ	$+1\sigma$	-1σ	$+1\sigma$	-1σ
fFlux-SKNumu00	0.342	-0.342	0.813	-0.813	0.290	-0.290	0.676	-0.676
fFlux-SKNumu01	1.008	-1.008	0.671	-0.671	0.844	-0.844	0.551	-0.551
fFlux-SKNumu02	1.880	-1.880	0.122	-0.122	1.551	-1.551	0.099	-0.099
fFlux-SKNumu03	2.235	-2.235	0.296	-0.296	1.788	-1.788	0.234	-0.234
fFlux-SKNumu04	3.816	-3.816	2.509	-2.509	3.036	-3.036	1.961	-1.961
fFlux-SKNumu05	1.104	-1.104	2.042	-2.042	0.904	-0.904	1.640	-1.640
fFlux-SKNumu06	0.683	-0.683	1.883	-1.883	0.598	-0.598	1.615	-1.615
fFlux-SKNumu07	0.278	-0.278	0.886	-0.886	0.242	-0.242	0.757	-0.757
fFlux-SKNumu08	0.338	-0.338	1.129	-1.129	0.290	-0.290	0.949	-0.949
fFlux-SKNumu09	0.163	-0.163	0.555	-0.555	0.134	-0.134	0.449	-0.449
fFlux-SKNumu10	0.043	-0.043	0.150	-0.150	0.038	-0.038	0.128	-0.128
fFlux-SKNumb00	0.009	-0.009	0.024	-0.024	0.009	-0.009	0.021	-0.021
fFlux-SKNumb01	0.012	-0.012	0.008	-0.008	0.011	-0.011	0.007	-0.007
fFlux-SKNumb02	0.017	-0.017	0.001	-0.001	0.015	-0.015	0.001	-0.001
fFlux-SKNumb03	0.019	-0.019	0.002	-0.002	0.017	-0.017	0.002	-0.002
fFlux-SKNumb04	0.061	-0.061	0.050	-0.050	0.054	-0.054	0.044	-0.044
fFlux-SKNumb05	0.088	-0.088	0.167	-0.167	0.080	-0.080	0.149	-0.149
fFlux-SKNumb06	0.105	-0.105	0.290	-0.290	0.105	-0.105	0.285	-0.285
fFlux-SKNumb07	0.034	-0.034	0.108	-0.108	0.034	-0.034	0.107	-0.107
fFlux-SKNumb08	0.035	-0.035	0.118	-0.118	0.038	-0.038	0.124	-0.124
fFlux-SKNumb09	0.011	-0.011	0.039	-0.039	0.012	-0.012	0.039	-0.039
fFlux-SKNumb10	0.003	-0.003	0.010	-0.010	0.003	-0.003	0.010	-0.010
fFlux-SKNue00	0.000	-0.000	0.001	-0.001	0.000	-0.000	0.001	-0.001
fFlux-SKNue01	0.000	-0.000	0.001	-0.001	0.000	-0.000	0.001	-0.001
fFlux-SKNue02	0.000	-0.000	0.001	-0.001	0.000	-0.000	0.001	-0.001
fFlux-SKNue03	0.001	-0.001	0.005	-0.005	0.001	-0.001	0.004	-0.004
fFlux-SKNue04	0.002	-0.002	0.006	-0.006	0.002	-0.002	0.005	-0.005
fFlux-SKNue05	0.002	-0.002	0.007	-0.007	0.002	-0.002	0.005	-0.005
fFlux-SKNue06	0.001	-0.001	0.005	-0.005	0.001	-0.001	0.004	-0.004
fFlux-SKNueb00	0.000	-0.000	0.002	-0.002	0.000	-0.000	0.002	-0.002
fFlux-SKNueb01	0.000	-0.000	0.002	-0.002	0.000	-0.000	0.001	-0.001
fXsec-MAQE	16.993	-24.635	14.968	-18.090	8.344	-9.861	6.976	-7.572
fXsec-MARES	1.753	-1.807	3.868	-3.812	1.677	-1.719	3.623	-3.564
fXsec-CCQEnorm00	7.777	-7.777	4.240	-4.240	6.443	-6.443	3.411	-3.411
fXsec-CCRESnorm00	4.320	-4.320	5.718	-5.718	3.060	-3.060	3.973	-3.973
fXsec-DISshape	0.267	-0.267	0.774	-0.774	0.286	-0.286	0.816	-0.816
fXsec-spec	-2.522	5.015	-0.718	2.044	-2.455	4.906	-0.688	1.971
fXsec-pF	0.126	-0.152	0.036	0.088	0.100	-0.128	0.023	0.099
fXsec-CCQEnorm01	1.389	-1.389	3.944	-3.944	1.460	-1.460	4.065	-4.065
fXsec-CCQEnorm02	0.363	-0.363	1.210	-1.210	0.394	-0.394	1.288	-1.288
fXsec-CCRESnorm01	1.255	-1.255	4.106	-4.106	1.331	-1.331	4.265	-4.265
fXsec-CCCOHnorm	0.546	-0.546	0.841	-0.841	0.575	-0.575	0.877	-0.877
fXsec-NCOTHERnorm	0.220	-0.220	0.771	-0.771	0.235	-0.235	0.804	-0.804
fXsec-CCnuenumu	0.001	-0.001	0.008	-0.008	0.001	-0.001	0.008	-0.008
fXsec-MdeltaWidth	-1.139	0.804	-0.797	-0.281	-1.166	0.819	-0.785	-0.318
fXsec-pionlessdcy	3.844	-3.844	6.329	-6.329	3.953	-3.953	6.421	-6.421
fXsec-1piEnushape	-0.094	-1.379	3.000	-9.061	-0.077	-1.533	3.101	-9.468
fSK-NumuCCQE	1.378	-1.378	1.000	-1.000	1.362	-1.362	0.981	-0.981
fSK-Shape-NumuCCQE00	0.021	-0.021	0.051	-0.051	0.021	-0.021	0.051	-0.051
fSK-Shape-NumuCCQE01	2.258	-2.258	0.953	-0.953	2.224	-2.224	0.910	-0.910
fSK-Shape-NumuCCQE02	1.004	-1.004	2.359	-2.359	1.014	-1.014	2.371	-2.371
fSK-NumuCCnQE	4.386	-4.386	7.771	-7.771	4.542	-4.542	7.960	-7.960
fSK-NueCC	0.017	-0.017	0.055	-0.055	0.018	-0.018	0.057	-0.057
fSK-AllNC	1.690	-1.522	5.906	-5.321	1.768	-1.593	6.053	-5.453
fSK-Escale	-0.000	-0.000	0.000	-0.000	-0.000	-0.000	0.000	-0.000