

**S8 Table. The raw data of adenylate cyclase activities in the different seasons from C41 volunteer by adrenaline (AD) and isoproterenol (IP).**

Baseline	2016/7/15_C 41-1	2016/9/29_C41-1	70°	2016/7/15_C 41-2	2016/9/29_C41-2	after 10 minutes	2016/7/15_C 41-3	2016/9/29_C41-3	after 20 minutes	2016/7/15_C 41-4	2016/9/29_C41-4
Adrenaline 1 mM	0.681196113	0.653925033	Adrenaline 1 mM	0.577939833	0.631303649	Adrenaline 1 mM	0.5692913	0.621837861	Adrenaline 1 mM	0.571094134	0.647850346
Adrenaline 100 uM	0.439847737	0.458885064	Adrenaline 100 uM	0.410099775	0.412418639	Adrenaline 100 uM	0.442314865	0.446216021	Adrenaline 100 uM	0.435057911	0.467595924
Adrenaline 10 uM	0.090222385	0.111102539	Adrenaline 10 uM	0.131509913	0.104945267	Adrenaline 10 uM	0.133840085	0.163301567	Adrenaline 10 uM	0.197732676	0.201285095
Adrenaline 1 uM	0.017669163	0.073539919	Adrenaline 1 uM	0.06308888	0.072935686	Adrenaline 1 uM	0.062601684	0.076393392	Adrenaline 1 uM	0.088809572	0.113070168
Adrenaline 100 nM	-0.005222152	0.044331786	Adrenaline 100 nM	-0.006361456	0.028093621	Adrenaline 100 nM	0.007657054	0.040757942	Adrenaline 100 nM	0.045535149	0.05310383
Adrenaline 10 nM	-0.015496291	0.020913697	Adrenaline 10 nM	-0.006748363	0.026008587	Adrenaline 10 nM	0.001580496	0.040138371	Adrenaline 10 nM	0.032084405	0.052211269
Adrenaline 1 nM	0.000881167	0.008346955	Adrenaline 1 nM	-0.030284004	0.009360127	Adrenaline 1 nM	-0.006248661	0.031314539	Adrenaline 1 nM	0.02304824	0.037719033
	2016/7/15_C 41-1	2016/9/29_C41-1		2016/7/15_C 41-2	2016/9/29_C41-2		2016/7/15_C 41-3	2016/9/29_C41-3		2016/7/15_C 41-4	2016/9/29_C41-4
Isoproterenol 5 mM	0.70431352	0.678167639	Isoproterenol 5 mM	0.604583599	0.657979519	Isoproterenol 5 mM	0.588528336	0.651187329	Isoproterenol 5 mM	0.604432722	0.629867318
Isoproterenol 500 uM	0.588314875	0.549981374	Isoproterenol 500 uM	0.525597604	0.519892938	Isoproterenol 500 uM	0.53169037	0.531388019	Isoproterenol 500 uM	0.512612186	0.533342781
Isoproterenol 50 uM	0.20909015	0.216537372	Isoproterenol 50 uM	0.227263518	0.164946313	Isoproterenol 50 uM	0.30250403	0.287074222	Isoproterenol 50 uM	0.343663139	0.298672273
Isoproterenol 5 uM	0.079477021	0.11356683	Isoproterenol 5 uM	0.131486938	0.111924559	Isoproterenol 5 uM	0.156699226	0.133440262	Isoproterenol 5 uM	0.204952943	0.140863379
Isoproterenol 500 nM	0.013093756	0.102309993	Isoproterenol 500 nM	0.09318862	0.054601732	Isoproterenol 500 nM	0.081058452	0.08328681	Isoproterenol 500 nM	0.117974675	0.069728912
Isoproterenol 50 nM	-0.039294357	0.030603126	Isoproterenol 50 nM	-0.014381743	0.02607083	Isoproterenol 50 nM	0.018682844	0.031046119	Isoproterenol 50 nM	0.041354539	-0.00315075
Isoproterenol 5 nM	-0.042426339	0.021785949	Isoproterenol 5 nM	-0.021363537	-0.004393549	Isoproterenol 5 nM	-0.01026813	0.011616039	Isoproterenol 5 nM	0.013480592	0.005228001