

SWMU	FIELD SAMPLE ID	LOCATION ID	DEPTH (FT)	MEDIA CODE	Americium-241	Cesium-134	Cesium-137	Cobalt-60	Plutonium-238	Plutonium-239/240	Sodium-22
Soil Background Value [pCi/g]					0.013	—	1.65	—	0.023	0.054	—
Canyon Sediment Background Value [pCi/g]					0.04	—	0.9	—	0.006	0.068	—
Qbt2,3,4 Background Value [pCi/g]					—	—	—	—	—	—	—
Qbt1v Background Value [pCi/g]					—	—	—	—	—	—	—
Qbt1g, Qct, Qbo Background Value [pCi/g]					—	—	—	—	—	—	—
PRS 12-001(a) Sample association	RE12-10-7838	12-610693	0 to 0.5	ALLH	0.00493 (U)	—	0.184	-0.00325 (U)	0.00119 (U)	0.00714 (U)	-0.0187 (U)
PRS 12-001(a) Sample association	RE12-10-7839	12-610693	2 to 2.7	ALLH	0.000174 (U)	0.0562 (U)	-0.0034 (U)	-0.00394 (U)	0.00885 (U)	0.00774 (U)	-0.0104 (U)
PRS 12-001(a) Sample association	RE12-10-7840	12-610694	0 to 0.7	ALLH	0.00298 (U)	0.0503 (U)	0.247	0.00686 (U)	0.00301 (U)	0.017 (U)	-0.000547 (U)
PRS 12-001(a) Sample association	RE12-10-7841	12-610694	3 to 3.4	ALLH	0.00322 (U)	0.0846 (U)	0.0305 (U)	0.00987 (U)	0.00737 (U)	0.00552 (U)	0.00629 (U)
PRS 12-001(a) Sample association	RE12-10-7842	12-610695	0 to 1	ALLH	0.00666 (U)	0.0365 (U)	0.15	0.00163 (U)	-0.00444 (U)	0.00555 (U)	0.045 (U)
PRS 12-001(a) Sample association	RE12-10-7843	12-610695	2 to 2.4	ALLH	0.00338 (U)	0.0687 (U)	0.0144 (U)	0.0142 (U)	0.00246 (U)	0.00862 (U)	0.0232 (U)
PRS 12-001(a) Sample association	RE12-10-7844	12-610696	0 to 0.75	ALLH	0.000724 (U)	—	0.123	0.00782 (U)	0 (U)	0.00708 (U)	-0.028 (U)
PRS 12-001(a) Sample association	RE12-10-7845	12-610696	2 to 2.6	ALLH	-0.00538 (U)	—	-0.0291 (U)	0.00221 (U)	0.00117 (U)	-0.00351 (U)	-0.0381 (U)
PRS 12-001(a) Sample association	RE12-10-7846	12-610697	0 to 0.5	ALLH	0.00455 (U)	0.0758 (U)	0.286	0.0237 (U)	0.0093 (U)	0.00826 (U)	0.000757 (U)
PRS 12-001(a) Sample association	RE12-10-7847	12-610697	1.4 to 1.8	ALLH	0.0000938 (U)	—	-0.0202 (U)	0.0067 (U)	0.00819 (U)	0.00307 (U)	0.00225 (U)
PRS 12-001(a) Sample association	RE12-10-7848	12-610698	0 to 0.75	ALLH	0.00333 (U)	—	0.142	0.0215 (U)	0.00262 (U)	0.00393 (U)	-0.00994 (U)
PRS 12-001(a) Sample association	RE12-10-7849	12-610698	2 to 3	ALLH	-0.00182 (U)	—	-0.0199 (U)	-0.00717 (U)	0.0014 (U)	-0.0056 (U)	-0.0236 (U)
PRS 12-001(a) Sample association	RE12-10-7850	12-610699	0 to 0.5	ALLH	0.000657 (U)	0.0789 (U)	0.158	-0.00487 (U)	-0.0118 (U)	0.0105 (U)	-0.0272 (U)
PRS 12-001(a) Sample association	RE12-10-7851	12-610699	2 to 2.5	ALLH	0.00192 (U)	0.0773 (U)	-0.00656 (U)	0.0292 (U)	0.00429 (U)	0.00286 (U)	-0.00853 (U)
PRS 12-001(a) Sample association	RE12-10-7852	12-610700	0 to 0.6	ALLH	0.00281 (U)	—	0.124	0.0243 (U)	-0.000000000324 (U)	0.0231 (U)	0.00113 (U)
PRS 12-001(a) Sample association	RE12-10-7853	12-610700	2 to 3.5	ALLH	-0.00319 (U)	—	-0.0416 (U)	0.00563 (U)	-0.00587 (U)	0.00147 (U)	0.0417 (U)
PRS 12-001(a) Sample association	RE12-10-7854	12-610701	0 to 0.6	ALLH	0.00916 (U)	—	0.304	-0.00316 (U)	-0.00116 (U)	0.0186 (U)	0.00962 (U)
PRS 12-001(a) Sample association	RE12-10-7855	12-610701	2 to 3	QBT3	0.000627 (U)	0.0778 (U)	-0.0221 (U)	-0.0545 (U)	0.0193 (U)	0.00121 (U)	-0.023 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7697	12-610666	0 to 0.5	ALLH	0.00513 (U)	—	0.108	-0.0268 (U)	0 (U)	0.00142 (U)	-0.0166 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7698	12-610666	1 to 2	ALLH	-0.00182 (U)	—	0.00968 (U)	-0.00739 (U)	0 (U)	0.00368 (U)	0.0319 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7699	12-610667	0 to 0.5	ALLH	0.00371 (U)	0.0946 (U)	0.146	-0.0339 (U)	-0.00114 (U)	0.00569 (U)	-0.00119 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7700	12-610667	1 to 2	QBT3	0.0142 (U)	—	-0.000371 (U)	0.012 (U)	-0.00112 (U)	-0.00112 (U)	-0.0185 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7701	12-610668	0 to 1	SED	0.00847 (U)	—	0.226	-0.00472 (U)	0.00768 (U)	0.0179 (U)	-0.0266 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7702	12-610668	1 to 1.9	QBT3	0.00837 (U)	—	0.00741 (U)	0.0359 (U)	0 (U)	-0.00116 (U)	-0.0454 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7703	12-610669	0 to 0.7	ALLH	0.00799 (U)	—	0.0992	0.0011 (U)	0.00565 (U)	0.0113 (U)	-0.0173 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7704	12-610669	1 to 2.1	ALLH	0.00211 (U)	—	-0.000648 (U)	-0.0121 (U)	0.0167 (U)	-0.00139 (U)	-0.0105 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7705	12-610670	0 to 0.7	ALLH	0.000473 (U)	—	0.000719 (U)	0.00137 (U)	-0.00119 (U)	0.00356 (U)	-0.000394 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7706	12-610670	1 to 2	QBT3	0.00571 (U)	0.0474 (U)	-0.0366 (U)	-0.0548 (U)	0 (U)	0.000000000146 (U)	-0.0331 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7707	12-610671	0 to 0.3	ALLH	0.0108 (U)	—	0.714	0.035 (U)	0 (U)	0.0478	0.000812 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7708	12-610671	1 to 2	QBT3	0.00211 (U)	0.0908 (U)	0.0107 (U)	-0.0188 (U)	-0.00358 (U)	0 (U)	-0.0461 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7709	12-610672	0 to 0.8	ALLH	0.0257	—	0.7	0.0263 (U)	-0.000000000241 (U)	0.0353	-0.0371 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7710	12-610672	1 to 2.8	QBT3	-0.00181 (U)	0.0763 (U)	0.0575 (U)	0.0766 (U)	0 (U)	0.00821 (U)	-0.0139 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7711	12-610673	0 to 0.9	ALLH	0.0174 (U)	0.0684 (U)	0.696	0.00788 (U)	0.00509 (U)	0.0458	-0.0451 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7712	12-610673	1 to 1.9	QBT3	0.00381 (U)	0.0893 (U)	0.0151 (U)	0.0274 (U)	-0.00115 (U)	0.00574 (U)	-0.0384 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7713	12-610674	0 to 0.1	ALLH	0.0119 (U)	0.0607 (U)	0.726	0.0146 (U)	0.00135 (U)	0.0404	0.0391 (U)

PRS 12-001(a)-99 Sample association	RE12-10-7714	12-610674	1 to 2	ALLH	0.0101 (U)	0.0784 (U)	0.034 (U)	-0.00284 (U)	0.000000000149 (U)	0.00125 (U)	0.00587 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7715	12-610675	0 to 0.6	ALLH	0.0121 (U)	—	0.838	-0.00031 (U)	-0.00192 (U)	0.0682	-0.0181 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7716	12-610675	1 to 2	ALLH	0.000996 (U)	—	-0.00992 (U)	0.0216 (U)	0.00514 (U)	0.00643 (U)	-0.0166 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7717	12-610676	0 to 0.3	SED	0.00314 (U)	0.0441 (U)	0.514	0.0138 (U)	0.00216 (U)	0.0183 (U)	-0.0138 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7718	12-610676	1 to 1.5	QBT3	0.00694 (U)	0.0911 (U)	0.227	0.0244 (U)	0.00335 (U)	0.0156 (U)	-0.0454 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7719	12-610677	0 to 0.7	ALLH	0.0139 (U)	0.0635 (U)	0.79	-0.0222 (U)	0.00127 (U)	0.0343	-0.0144 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7722	12-610678	0 to 0.2	SED	0.00202 (U)	0.0631 (U)	0.32	-0.0182 (U)	0.0053 (U)	0.0172 (U)	-0.0352 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7856	12-610679	0 to 0.5	ALLH	0.00181 (U)	—	0.15	0.00582 (U)	0.00123 (U)	0.00613 (U)	-0.0356 (U)
PRS 12-001(a)-99 Sample association	RE12-10-7857	12-610679	1 to 1.8	ALLH	-0.00745 (U)	—	0.0779	0.0188 (U)	-0.0052 (U)	0.0104 (U)	-0.0397 (U)
PRS 12-001(a)-99 Sample association	RE12-10-8096	12-610680	0 to 0.5	ALLH	0.00321 (U)	—	0.244	-0.0111 (U)	0.00524 (U)	0.0144 (U)	-0.0129 (U)
PRS 12-001(a)-99 Sample association	RE12-10-8097	12-610680	1 to 2	ALLH	0.00786 (U)	—	0.331	-0.00931 (U)	0.00429 (U)	0.02 (U)	-0.0207 (U)
PRS 12-001(b) Sample association	RE12-10-7617	12-610639	0 to 0.5	ALLH	-0.00182 (U)	—	-0.0193 (U)	-0.0214 (U)	-0.00689 (U)	-0.00276 (U)	-0.000799 (U)
PRS 12-001(b) Sample association	RE12-10-7618	12-610639	2 to 3	ALLH	-0.00732 (U)	—	0.345	0.00514 (U)	0.00238 (U)	0.0286	0.0193 (U)
PRS 12-001(b) Sample association	RE12-10-7619	12-610640	0 to 1	ALLH	0.00458 (U)	0.0344 (U)	—	0.0119 (U)	-0.0012 (U)	-0.000000000143 (U)	-0.00287 (U)
PRS 12-001(b) Sample association	RE12-10-7620	12-610640	2 to 2.8	ALLH	-0.00426 (U)	—	0.0214 (U)	-0.00386 (U)	0.00875 (U)	0 (U)	-0.00975 (U)
PRS 12-001(b) Sample association	RE12-10-7621	12-610641	0 to 1	ALLH	-0.00315 (U)	—	0.117	0.00627 (U)	0.00696 (U)	0.0058 (U)	0.0268 (U)
PRS 12-001(b) Sample association	RE12-10-7622	12-610641	2 to 3.2	ALLH	0.00221 (U)	—	-0.0517 (U)	0.00153 (U)	0.00113 (U)	-0.000000000135 (U)	-0.019 (U)
PRS 12-001(b) Sample association	RE12-10-7623	12-610642	0 to 0.5	ALLH	0.00389 (U)	0.0749 (U)	0.11	-0.0332 (U)	0 (U)	0.00252 (U)	0.00623 (U)
PRS 12-001(b) Sample association	RE12-10-7624	12-610642	2 to 2.6	ALLH	0.00209 (U)	0.0271 (U)	0.0254 (U)	0.0289 (U)	0.00141 (U)	0.00423 (U)	-0.02 (U)
PRS 12-001(b) Sample association	RE12-10-7625	12-610643	0 to 0.6	ALLH	-0.000546 (U)	0.047 (U)	0.0995 (U)	0.0127 (U)	-0.00389 (U)	0.00389 (U)	-0.0187 (U)
PRS 12-001(b) Sample association	RE12-10-7626	12-610643	2 to 3	ALLH	0.003 (U)	0.0526 (U)	0.0154 (U)	0.0326 (U)	-0.00967 (U)	0.00121 (U)	0.0108 (U)
PRS 12-001(b) Sample association	RE12-10-7627	12-610644	0 to 0.5	ALLH	0.00941 (U)	—	0.284	0.0266 (U)	0.00126 (U)	0.0126 (U)	-0.0023 (U)
PRS 12-001(b) Sample association	RE12-10-7628	12-610644	2 to 2.5	ALLH	0.00119 (U)	0.0449 (U)	-0.0163 (U)	0.00808 (U)	0.00725 (U)	-0.00145 (U)	-0.0162 (U)
PRS 12-001(b) Sample association	RE12-10-7629	12-610645	0 to 0.4	ALLH	0.00331 (U)	0.0555 (U)	0.0534 (U)	-0.0209 (U)	-0.00106 (U)	-0.00425 (U)	0.00361 (U)
PRS 12-001(b) Sample association	RE12-10-7630	12-610645	2 to 2.7	ALLH	-0.000287 (U)	—	-0.028 (U)	-0.0342 (U)	-0.00122 (U)	0.00122 (U)	-0.0187 (U)
PRS 12-001(b) Sample association	RE12-10-7631	12-610646	0 to 0.6	ALLH	0.0031 (U)	0.0811 (U)	0.148	0.0126 (U)	0.00233 (U)	0.00117 (U)	-0.0193 (U)
PRS 12-001(b) Sample association	RE12-10-7632	12-610646	2 to 3	ALLH	-0.00182 (U)	0.0866 (U)	-0.0142 (U)	-0.00287 (U)	0 (U)	0 (U)	-0.02 (U)
PRS 12-001(b) Sample association	RE12-10-7633	12-610647	0 to 0.7	ALLH	0.00145 (U)	—	0.237	0.0148 (U)	0.00122 (U)	0.0134 (U)	-0.014 (U)
PRS 12-001(b) Sample association	RE12-10-7634	12-610647	2 to 3	ALLH	0.000235 (U)	—	0.0369 (U)	0.0243 (U)	0 (U)	0.00433 (U)	-0.0538 (U)
PRS 12-001(b) Sample association	RE12-10-7635	12-610648	0 to 0.7	ALLH	-0.00182 (U)	—	0.163	-0.00805 (U)	0.00579 (U)	0.00926 (U)	0.0291 (U)
PRS 12-001(b) Sample association	RE12-10-7636	12-610648	2 to 3	ALLH	0.00628 (U)	0.0811 (U)	0.0115 (U)	0.00714 (U)	-0.0013 (U)	-0.0039 (U)	-0.019 (U)
PRS 12-001(b) Sample association	RE12-10-7638	12-610649	0 to 0.6	ALLH	0.0063 (U)	—	0.473	-0.006 (U)	-0.00119 (U)	0.0166 (U)	-0.0187 (U)
PRS 12-001(b) Sample association	RE12-10-7637	12-610649	2 to 3	ALLH	-0.000535 (U)	—	0.0294 (U)	-0.0236 (U)	-0.0141 (U)	0.00565 (U)	-0.0142 (U)
PRS 12-001(b) Sample association	RE12-10-7639	12-610650	0 to 0.7	ALLH	0.00466 (U)	—	0.113	0.0115 (U)	0.000000000089 (U)	0.0149 (U)	-0.0072 (U)
PRS 12-001(b) Sample association	RE12-10-7640	12-610650	2 to 3	QBT3	-0.000521 (U)	0.0267 (U)	0.0117 (U)	0.028 (U)	-0.00619 (U)	0.00372 (U)	-0.0204 (U)
PRS 12-001(b) Sample association	RE12-10-7641	12-610651	0 to 0.9	ALLH	0.00624 (U)	—	0.207	-0.0213 (U)	-0.00605 (U)	0.0121 (U)	0.0346 (U)
PRS 12-001(b) Sample association	RE12-10-7642	12-610651	2 to 3	ALLH	0.000652 (U)	—	0.026 (U)	-0.0101 (U)	0.00359 (U)	0.00359 (U)	0.0117 (U)
PRS 12-001(b) Sample association	RE12-10-7643	12-610652	0 to 0.5	ALLH	0.00645 (U)	—	0.49	-0.0282 (U)	0.0128 (U)	0.0204 (U)	-0.034 (U)
PRS 12-001(b) Sample association	RE12-10-7644	12-610652	2 to 3	ALLH	0.0107 (U)	—	-0.0108 (U)	-0.0125 (U)	0 (U)	0.00405 (U)	0.0141 (U)
PRS 12-001(b) Sample association	RE12-10-7645	12-610653	0 to 1	ALLH	0.00424 (U)	—	0.0466 (U)	-0.0168 (U)	0.00000000249 (U)	0.00784 (U)	-0.0188 (U)
PRS 12-001(b) Sample association	RE12-10-7646	12-610653	2 to 3.6	ALLH	0.0104 (U)	0.0605 (U)	0.00164 (U)	-0.0342 (U)	0.00000000117 (U)	0.000000000146 (U)	0.0103 (U)
PRS 12-001(b) Sample association	RE12-10-7647	12-610654	0 to 1	ALLH	0.00255 (U)	—	0.0847 (U)	0.00199 (U)	0 (U)	0.00654 (U)	-0.0595 (U)
PRS 12-001(b) Sample association	RE12-10-7648	12-610654	2 to 3	QBT3	-0.00181 (U)	0.0767 (U)	0.00871 (U)	0.0127 (U)	0.00139 (U)	0.000000000165 (U)	-0.0159 (U)
PRS 12-001(b) Sample association	RE12-10-7649	12-610655	0 to 0.7	ALLH	-0.000614 (U)	0.0105 (U)	0.124	-0.0278 (U)	-0.00376 (U)	0.0125 (U)	-0.0108 (U)
PRS 12-001(b) Sample association	RE12-10-7650	12-610655	1.5 to 2.5	ALLH	0.0079 (U)	0.0653 (U)	0.00252 (U)	0.032 (U)	0.00301 (U)	0.00301 (U)	0.00849 (U)
PRS 12-002 Sample association	RE12-10-8094	12-610787	0.4 to 0.8	QBT3	0.000758 (U)	—	-0.00896 (U)	0.0122 (U)	0 (U)	0.00123 (U)	0.0104 (U)
PRS 12-002 Sample association	RE12-10-8095	12-610787	2 to 3.3	QBT3	-0.00435 (U)	—	-0.00754 (U)	0.0321 (U)	-0.00135 (U)	0.0000000000807 (U)	0.00731 (U)

PRS 12-004(a) Sample association	RE12-10-7236	12-610527	0 to 0.5	QBT3	0.0169 (U)	0.0764 (U)	0.248	-0.0334 (U)	0.00158 (U)	0.0174 (U)	0.0122 (U)
PRS 12-004(a) Sample association	RE12-10-7237	12-610527	1 to 2	QBT3	-0.0000352 (U)	—	0.0314 (U)	-0.0201 (U)	-0.002 (U)	0.002 (U)	0.0153 (U)
PRS 12-004(a) Sample association	RE12-10-7238	12-610528	0 to 0.5	ALLH	0.000793 (U)	0.0885 (U)	0.129	-0.00884 (U)	-0.00852 (U)	0.00852 (U)	-0.0187 (U)
PRS 12-004(a) Sample association	RE12-10-7239	12-610528	1 to 2.6	QBT3	0.000985 (U)	0.0591 (U)	-0.0133 (U)	0.0056 (U)	0.00434 (U)	0.00108 (U)	0.0336 (U)
PRS 12-004(a) Sample association	RE12-10-7240	12-610529	0 to 0.6	ALLH	0.00669 (U)	0.0511 (U)	-0.0229 (U)	0.00588 (U)	-0.00127 (U)	0.00127 (U)	-0.00357 (U)
PRS 12-004(a) Sample association	RE12-10-7241	12-610529	1 to 2	QBT3	-0.0000651 (U)	0.0526 (U)	-0.0344 (U)	-0.00147 (U)	0.00425 (U)	0.00142 (U)	-0.0472 (U)
PRS 12-004(a) Sample association	RE12-10-7242	12-610530	0 to 1	ALLH	0.00537 (U)	0.0602 (U)	0.386	0.0152 (U)	0.00718 (U)	0.0144 (U)	0.00479 (U)
PRS 12-004(a) Sample association	RE12-10-7243	12-610530	1 to 2	QBT3	0.00206 (U)	—	0.0691 (U)	-0.0272 (U)	0.00254 (U)	0.00889 (U)	-0.0249 (U)
PRS 12-004(a) Sample association	RE12-10-7252	12-610539	0 to 0.7	ALLH	0.014 (U)	0.0598 (U)	0.389	0.00391 (U)	0.0012 (U)	0.0204 (U)	-0.0195 (U)
PRS 12-004(a) Sample association	RE12-10-7253	12-610539	1 to 2	QBT3	0.00115 (U)	0.0579 (U)	-0.0367 (U)	0.0208 (U)	0 (U)	0 (U)	0.0517 (U)
PRS 12-004(a) Sample association	RE12-10-7254	12-610540	0 to 0.6	ALLH	0.0129 (U)	—	0.438	-0.0194 (U)	0.00489 (U)	0.0208 (U)	0.00456 (U)
PRS 12-004(a) Sample association	RE12-10-7255	12-610540	1 to 1.9	QBT3	0.00638 (U)	—	0.113	-0.002 (U)	-0.00829 (U)	0.0138 (U)	-0.0412 (U)
PRS 12-004(a) Sample association	RE12-10-7256	12-610541	0 to 0.6	ALLH	0.00194 (U)	0.0525 (U)	0.293	0.00914 (U)	0.000989 (U)	0.0297	-0.0128 (U)
PRS 12-004(a) Sample association	RE12-10-7257	12-610541	1 to 2	QBT3	0.00805 (U)	—	0.0252 (U)	0.00909 (U)	0.00105 (U)	0.00314 (U)	-0.00622 (U)
PRS 12-004(a) Sample association	RE12-10-7258	12-610542	0 to 0.8	QBT3	-0.000665 (U)	—	0.0538 (U)	0.0109 (U)	0.0011 (U)	0.0033 (U)	-0.0272 (U)
PRS 12-004(a) Sample association	RE12-10-7259	12-610542	1 to 1.7	QBT3	-0.00281 (U)	0.0864 (U)	-0.0126 (U)	0.0447 (U)	0.00118 (U)	0.00235 (U)	-0.015 (U)
PRS 12-004(a) Sample association	RE12-10-7260	12-610543	0 to 1	ALLH	0.00908 (U)	—	0.971	-0.00711 (U)	0.002 (U)	0.03	0.00217 (U)
PRS 12-004(a) Sample association	RE12-10-7261	12-610543	1 to 1.8	QBT3	0.00533 (U)	—	0.123	-0.00433 (U)	0.00116 (U)	0.00579 (U)	0.0357 (U)
PRS 12-004(a) Sample association	RE12-10-7262	12-610544	0 to 0.6	QBT3	0.00483 (U)	0.0565 (U)	0.0826 (U)	0.0633 (U)	0 (U)	0.00229 (U)	-0.0544 (U)
PRS 12-004(a) Sample association	RE12-10-7263	12-610544	1 to 1.7	QBT3	0.000388 (U)	—	0.00699 (U)	-0.0513 (U)	0 (U)	0.00201 (U)	-0.0374 (U)
PRS 12-004(a) Sample association	RE12-10-7264	12-610545	0 to 0.9	ALLH	0.00345 (U)	0.0746 (U)	0.236	0.0132 (U)	0 (U)	0.0172 (U)	-0.0125 (U)
PRS 12-004(a) Sample association	RE12-10-7265	12-610545	1 to 3	QBT3	0.00139 (U)	—	-0.0388 (U)	0.000259 (U)	-0.00757 (U)	0 (U)	0.0257 (U)
PRS 12-004(a) Sample association	RE12-10-7266	12-610546	0 to 0.5	SED	0.00674 (U)	—	0.436	0.0256 (U)	0.00122 (U)	0.0292	-0.00732 (U)
PRS 12-004(a) Sample association	RE12-10-7267	12-610546	1 to 2	QBT3	0.0012 (U)	—	0.0227 (U)	-0.00428 (U)	0 (U)	0.000997 (U)	-0.0347 (U)
PRS 12-004(a) Sample association	RE12-10-7268	12-610547	0 to 0.7	ALLH	0.00266 (U)	—	0.483	0.0000206 (U)	0 (U)	0.0244	-0.000773 (U)
PRS 12-004(a) Sample association	RE12-10-7269	12-610547	1 to 1.9	QBT3	0.00356 (U)	—	0.126	0.0121 (U)	0 (U)	0.00191 (U)	0.0348 (U)
PRS 12-004(a) Sample association	RE12-10-7270	12-610548	0 to 0.8	ALLH	0.00868 (U)	0.0544 (U)	0.598	0.00586 (U)	0.00291 (U)	0.0261	0.00288 (U)
PRS 12-004(a) Sample association	RE12-10-7271	12-610548	1 to 1.8	QBT3	-0.00179 (U)	—	0.033 (U)	-0.0186 (U)	-0.0012 (U)	0.0204 (U)	0.0122 (U)
PRS 12-004(a) Sample association	RE12-10-7272	12-610549	0 to 0.3	SED	0.00458 (U)	0.0965 (U)	0.35	0.0123 (U)	-0.00469 (U)	0.00563 (U)	-0.0226 (U)
PRS 12-004(a) Sample association	RE12-10-7273	12-610549	1 to 1.3	QBT3	0.0058 (U)	—	0.124	-0.0385 (U)	-0.00264 (UJ)	0.00176 (UJ)	0.00666 (U)
PRS 12-004(a) Sample association	RE12-10-7274	12-610550	0 to 0.3	SED	0.00447 (U)	0.0603 (U)	0.696	-0.0189 (U)	0 (U)	0.0349	-0.026 (U)
PRS 12-004(b) Sample association	RE12-10-7288	12-610553	0 to 0.75	ALLH	-0.00415 (U)	0.0593 (U)	0.212	0.0262 (U)	0.00279 (U)	0.0209 (U)	-0.0137 (U)
PRS 12-004(b) Sample association	RE12-10-7289	12-610553	2.2 to 3	QBT3	0.0042 (U)	0.0896 (U)	0.0249 (U)	0.0451 (U)	0 (U)	0.00705 (U)	0.000827 (U)
PRS 12-004(b) Sample association	RE12-10-7290	12-610553	5 to 6	QBT3	0.00182 (U)	—	-0.0461 (U)	-0.0095 (U)	0.00244 (U)	0.00488 (U)	0 (U)
PRS 12-004(b) Sample association	RE12-10-7291	12-610554	0 to 1	ALLH	-0.00181 (U)	0.0606 (U)	0.0546 (U)	0.000578 (U)	0.00359 (U)	0.00359 (U)	0.0006 (U)
PRS 12-004(b) Sample association	RE12-10-7292	12-610554	2 to 3	QBT3	0.00053 (U)	—	0.00388 (U)	0.0196 (U)	-0.00124 (U)	0.00373 (U)	-0.0167 (U)
PRS 12-004(b) Sample association	RE12-10-7293	12-610554	5 to 6	QBT3	-0.00181 (U)	0.0853 (U)	-0.0242 (U)	-0.0105 (U)	0 (U)	0 (U)	0.0254 (U)
PRS 12-004(b) Sample association	RE12-10-7867	12-610702	0 to 0	NA	-0.0228 (U)	1.34 (U)	-1.36 (U)	-2.85 (U)	-0.014 (U)	0.028 (U)	0.27 (U)
PRS 12-004(b) Sample association	RE12-10-7868	12-610702	0 to 0	NA	0.0262 (U)	-1.15 (U)	0.0701 (U)	-1.22 (U)	0.0155 (U)	0.0155 (U)	-1.82 (U)
PRS 12-004(b) Sample association	RE12-10-15442	12-611939	0 to 0.5	ALLH	0.0015 (U)	-0.000004 (U)	0.527	0.013 (U)	0.0195 (U)	0.0175 (U)	-0.003 (U)
PRS 12-004(b) Sample association	RE12-10-15443	12-611939	2 to 2.5	QBT3	0.01 (U)	-0.034 (U)	-0.002 (U)	-0.003 (U)	0.0202 (U)	0.0032 (U)	-0.025 (U)
PRS 12-004(b) Sample association	RE12-10-15444	12-611939	5 to 5.4	QBT3	0.0055 (U)	0.000006 (U)	0 (U)	-0.027 (U)	0.0141 (U)	0.0103 (U)	0.035 (U)
PRS 12-004(b) Sample association	RE12-10-15445	12-611940	0 to 0.5	ALLH	0.026 (U)	-0.067 (U)	0.074 (U)	0.017 (U)	0.043	0.037	0.0007 (U)
PRS 12-004(b) Sample association	RE12-10-15446	12-611940	2 to 2.5	QBT3	0.0075 (U)	0.009 (U)	0.004 (U)	-0.006 (U)	0.0116 (U)	0.0036 (U)	0 (U)
PRS 12-004(b) Sample association	RE12-10-15447	12-611940	5 to 5.5	QBT3	0.002 (U)	-0.015 (U)	0.028 (U)	-0.047 (U)	0.0128 (U)	0.0122 (U)	0.02 (U)
PRS 36-002 Sample association	RE36-10-8448	36-610876	7.5 to 10	QBT2	-0.00314 (U)	—	-0.00857 (U)	-0.00191 (U)	0.012 (U)	-0.00435 (U)	0.0216 (U)
PRS 36-002 Sample association	RE36-10-8449	36-610876	15 to 16	QBT2	0.00126 (U)	0.141 (U)	-0.0394 (U)	0.00888 (U)	0.00634 (U)	0.0101 (U)	0.00285 (U)

PRS 36-002 Sample association	RE36-10-8450	36-610877	9 to 10	QBT2	0.00979 (U)	—	-0.00777 (U)	-0.0174 (U)	0.00265 (U)	0.0137 (U)	-0.0187 (U)
PRS 36-002 Sample association	RE36-10-8451	36-610877	14 to 15	QBT2	0.00149 (U)	—	0.00943 (U)	-0.0339 (U)	0.00254 (U)	0.00367 (U)	0.035 (U)
PRS 36-002 Sample association	RE36-10-8452	36-610878	4 to 5	QBT2	-0.0029 (U)	0.0173 (U)	0.00524 (U)	-0.00492 (U)	0.033	0.00534 (U)	-0.0542 (U)
PRS 36-002 Sample association	RE36-10-8453	36-610878	9 to 10	QBT2	-0.000909 (U)	0.0722 (U)	0.000786 (U)	-0.0244 (U)	0.0265 (U)	0.00431 (U)	-0.00883 (U)
PRS 36-003(a) Sample association	RE36-10-8462	36-610879	49 to 50	QBT2	0.0025 (U)	—	-0.0406 (U)	0.0225 (U)	0.00943 (U)	0.00433 (U)	0.0143 (U)
PRS 36-003(a) Sample association	RE36-10-8463	36-610879	59 to 60	QBT2	0.00178 (U)	—	-0.0275 (U)	0.0216 (U)	-0.00443 (U)	0.00717 (U)	-0.0045 (U)
PRS 36-003(a) Sample association	RE36-10-8486	36-610879	69 to 70	QBT2	-0.00182 (U)	—	0.0042 (U)	-0.0128 (U)	0.0149 (U)	-0.000506 (U)	-0.00188 (U)
PRS 36-003(a) Sample association	RE36-10-8487	36-610879	77.5 to 80	QBT2	0.00218 (U)	—	-0.0138 (U)	0.0214 (U)	0.00386 (U)	0.00193 (U)	-0.0139 (U)
PRS 36-003(a) Sample association	RE36-10-8464	36-610880	3 to 4	QBT2	-0.00558 (U)	—	0.00378 (U)	-0.000633 (U)	0.00534 (U)	0.00711 (U)	-0.0132 (U)
PRS 36-003(a) Sample association	RE36-10-8466	36-610881	1.5 to 2.5	ALLH	-0.00204 (U)	0.0524 (U)	-0.0439 (U)	-0.0164 (U)	-0.00237 (U)	0.0025 (U)	-0.0177 (U)
PRS 36-003(a) Sample association	RE36-10-8471	36-610882	5.6 to 6.1	QBT2	-0.00261 (U)	—	-0.0439 (U)	0.0142 (U)	0.00888 (U)	-0.00468 (U)	-0.000896 (U)
PRS 36-003(a) Sample association	RE36-10-8470	36-610882	5 to 5.6	QBT2	-0.00372 (U)	—	0.00409 (U)	0.00799 (U)	0.000938 (U)	0.00763 (U)	-0.0417 (U)
PRS 36-003(a) Sample association	RE36-10-8474	36-610884	0.5 to 1	ALLH	-0.00124 (U)	—	0.0855	-0.0172 (U)	-0.0036 (U)	0.000423 (U)	0.0154 (U)
PRS 36-003(a) Sample association	RE36-10-8475	36-610884	1 to 2.5	QBT2	0.00205 (U)	0.0834 (U)	0.0156 (U)	0.0147 (U)	0.00199 (U)	0.00467 (U)	-0.0231 (U)
PRS 36-003(a) Sample association	RE36-10-8476	36-610885	1.5 to 2.5	QBT3	0.00098 (U)	—	-0.0191 (U)	-0.0107 (U)	-0.002 (U)	0.00518 (U)	0.00195 (U)
PRS 36-003(a) Sample association	RE36-10-8477	36-610885	2.5 to 3	QBT2	0.00014 (U)	—	-0.0121 (U)	0.0219 (U)	0.000927 (U)	0.000998 (U)	-0.0305 (U)
PRS 36-003(a) Sample association	RE36-10-8478	36-610886	1.5 to 2.3	ALLH	0.00385 (U)	0.0778 (U)	0.0317 (U)	-0.00932 (U)	0.000615 (U)	0.0041 (U)	-0.00454 (U)
PRS 36-003(a) Sample association	RE36-10-8479	36-610886	2.3 to 3.9	QBT2	0.00855 (U)	—	0.0657 (U)	0.0556 (U)	-0.00689 (U)	0.00926 (U)	0.0489 (U)
PRS 36-003(a) Sample association	RE36-10-8480	36-610887	1.5 to 2	ALLH	0.00129 (U)	0.0743 (U)	0.0341 (U)	0.00977 (U)	-0.000858 (U)	0.0114 (U)	-0.0154 (U)
PRS 36-003(a) Sample association	RE36-10-8481	36-610887	2 to 4	QBT2	0.000522 (U)	—	-0.0223 (U)	0.0232 (U)	0.00558 (U)	-0.00536 (U)	-0.0105 (U)
PRS 36-003(a) Sample association	RE36-10-8482	36-610888	2 to 3.5	ALLH	0.00171 (U)	—	0.00369 (U)	0.0154 (U)	0.00365 (U)	0.00183 (U)	-0.0474 (U)
PRS 36-003(a) Sample association	RE36-10-8483	36-610888	7 to 8	QBT3	-0.00247 (U)	—	0.00637 (U)	-0.0196 (U)	0.00359 (U)	0.00537 (U)	-0.0151 (U)
PRS 36-003(a) Sample association	RE36-10-8484	36-610889	2 to 3	ALLH	-0.00204 (U)	—	-0.0286 (U)	0.00922 (U)	0.00234 (U)	0.00183 (U)	0.0123 (U)
PRS 36-003(a) Sample association	RE36-10-8485	36-610889	3 to 4.2	ALLH	0.00588 (U)	—	-0.0664 (U)	-0.00992 (U)	0.00202 (U)	0.00478 (U)	-0.0787 (U)
PRS 36-008 Sample association	RE36-10-7403	36-610574	0 to 0.5	ALLH	0.00626 (U)	—	0.883	-0.0251 (U)	0.0104 (U)	0.0295	-0.045 (U)
PRS 36-008 Sample association	RE36-10-7404	36-610574	2 to 2.5	ALLH	0.00155 (U)	—	0.362	-0.00664 (U)	0.00774 (U)	0.0135 (U)	-0.00377 (U)
PRS 36-008 Sample association	RE36-10-7405	36-610575	0 to 0.5	ALLH	0.0108 (U)	0.0718 (U)	0.648	-0.00178 (U)	-0.00000000101 (U)	0.0253 (U)	-0.00799 (U)
PRS 36-008 Sample association	RE36-10-7406	36-610575	2 to 2.5	ALLH	0.00148 (U)	—	0.0821 (U)	-0.0332 (U)	0.00208 (U)	0.00416 (U)	-0.0174 (U)
PRS 36-008 Sample association	RE36-10-7407	36-610576	0 to 0.5	ALLH	-0.00142 (U)	—	0.477	0.0365 (U)	0.0182 (U)	0.0348	-0.0124 (U)
PRS 36-008 Sample association	RE36-10-7413	36-610579	0 to 0.5	FILL	0.00434 (U)	0.0262 (U)	0.321	0.0106 (U)	0 (U)	-0.00117 (U)	-0.0289 (U)
PRS 36-008 Sample association	RE36-10-7414	36-610579	2 to 3	QBT3	-0.000992 (U)	0.0865 (U)	0.0115 (U)	0.011 (U)	0.0102 (U)	0.00779 (U)	0.0307 (U)
PRS 36-008 Sample association	RE36-10-7415	36-610580	0 to 0.5	ALLH	0.0246	—	1.08	0.013 (U)	0.0105 (U)	0.0464	-0.0519 (U)
PRS 36-008 Sample association	RE36-10-7416	36-610580	2 to 3	ALLH	0.000679 (U)	—	0.0773	-0.0165 (U)	0.00957 (U)	-0.000797 (U)	-0.034 (U)
PRS 36-008 Sample association	RE36-10-7417	36-610581	0 to 0.5	ALLH	0.00489 (U)	—	0.645	-0.0117 (U)	0.00539 (U)	0.0344	-0.025 (U)
PRS 36-008 Sample association	RE36-10-7418	36-610581	2 to 3	ALLH	0.00905 (U)	0.0271 (U)	0.39	0.00492 (U)	0.0018 (U)	0.0162 (U)	-0.0226 (U)
PRS 36-008 Sample association	RE36-10-7419	36-610582	0 to 0.5	ALLH	0.0154 (U)	—	0.61	0.0292 (U)	0.00365 (U)	0.0289	0.00517 (U)
PRS 36-008 Sample association	RE36-10-7420	36-610582	2 to 3	ALLH	-0.000312 (U)	—	0.207	-0.0134 (U)	0.00621 (U)	0.0062 (U)	0.0115 (U)
PRS 36-008 Sample association	RE36-10-7421	36-610583	0 to 0.5	ALLH	0.0127 (U)	—	0.376	-0.0232 (U)	0.0199 (U)	0.0042 (U)	-0.0693 (U)
PRS 36-008 Sample association	RE36-10-7422	36-610583	2 to 3	ALLH	0.00251 (U)	0.0634 (U)	-0.0232 (U)	-0.0461 (U)	0.00226 (U)	0.00305 (U)	0.0384 (U)
PRS 36-008 Sample association	RE36-10-7423	36-610584	0 to 0.5	ALLH	0.0318	0.0485 (U)	3.31	-0.0224 (U)	0.00676 (U)	0.0895	-0.0204 (U)
PRS 36-008 Sample association	RE36-10-7424	36-610584	2 to 3	QBT3	0.00175 (U)	0.0893 (U)	-0.0496 (U)	-0.00916 (U)	0.00147 (U)	0.00294 (U)	-0.0201 (U)
PRS 36-008 Sample association	RE36-10-7425	36-610585	0 to 1	ALLH	0.0077 (U)	—	0.357	0.0221 (U)	0 (U)	0.0263	0.0111 (U)
PRS 36-008 Sample association	RE36-10-7426	36-610585	2 to 3	ALLH	-0.00207 (U)	0.114 (U)	0.166	0.0053 (U)	-0.00000000027 (U)	0.0159 (U)	0.0206 (U)
PRS 36-008 Sample association	RE36-10-7427	36-610586	0 to 0.5	ALLH	0.0296 (U)	—	1.24	-0.0452 (U)	-0.0000268 (U)	0.087	-0.0352 (U)
PRS 36-008 Sample association	RE36-10-7428	36-610586	2 to 3	ALLH	-0.000709 (U)	—	-0.0212 (U)	0.0163 (U)	0.00741 (U)	0.00148 (U)	-0.0125 (U)
PRS 36-008 Sample association	RE36-10-7429	36-610587	0 to 0.5	ALLH	0.00619 (U)	0.0335 (U)	0.525	0.00407 (U)	0.00635 (U)	0.0339	-0.00548 (U)
PRS 36-008 Sample association	RE36-10-7431	36-610588	0 to 0.5	ALLH	0.00961 (U)	0.00217 (U)	0.412	0.00867 (U)	-0.00204 (U)	0.0408	-0.0111 (U)

PRS 36-008 Sample association	RE36-10-7432	36-610588	2 to 2.5	ALLH	0.00328 (U)	—	0.228	-0.0308 (U)	-0.00186 (U)	0.00743 (U)	-0.0514 (U)
PRS 36-008 Sample association	RE36-10-7433	36-610589	0 to 0.5	ALLH	0.0184 (U)	—	1.07	0.0262 (U)	0.00203 (U)	0.0953	0.0375 (U)
PRS 36-008 Sample association	RE36-10-7434	36-610589	1 to 2	ALLH	-0.000962 (U)	—	0.31	0.0116 (U)	0.0159 (U)	0.0136 (U)	0.0029 (U)
PRS 36-008 Sample association	RE36-10-7435	36-610590	0 to 0.5	SED	0.00393 (U)	—	0.453	-0.0156 (U)	0.0137 (U)	0.0115 (U)	0.0361 (U)
PRS 36-008 Sample association	RE36-10-7436	36-610590	2 to 3	ALLH	0.00197 (U)	—	0.0508 (U)	-0.0186 (U)	0.00695 (U)	-0.00204 (U)	0.00654 (U)
PRS 36-008 Sample association	RE36-10-7437	36-610591	0 to 0.5	SED	0.0115 (U)	0.0567 (U)	0.688	0.00951 (U)	0.0106 (U)	0.0262	0.0246 (U)
PRS 36-008 Sample association	RE36-10-7438	36-610591	2 to 3	QBT3	0.00186 (U)	0.125 (U)	-0.0292 (U)	0.00995 (U)	0.017 (U)	0.0136 (U)	-0.0223 (U)
PRS 36-008 Sample association	RE36-10-7439	36-610592	0 to 0.5	ALLH	0.0169	—	0.726	-0.0136 (U)	0.00175 (U)	0.048	-0.0524 (U)
PRS 36-008 Sample association	RE36-10-7440	36-610592	2 to 3	ALLH	-0.00245 (U)	—	0.0793	0.0102 (U)	0.00309 (U)	0.0119 (U)	0.02 (U)
PRS 36-008 Sample association	RE36-10-7441	36-610593	0 to 0.5	ALLH	0.0171 (U)	0.0837 (U)	1.15	0.0113 (U)	0.0134 (U)	0.0462	0.0178 (U)
PRS 36-008 Sample association	RE36-10-7442	36-610593	2 to 3	ALLH	0.00305 (U)	—	0.193	-0.0541 (U)	0.0115 (U)	0.0175 (U)	-0.0538 (U)
PRS 36-008 Sample association	RE36-10-7443	36-610594	0 to 0.5	ALLH	0.0171	—	0.691	0.0126 (U)	0.0202 (U)	0.0471	0.018 (U)
PRS 36-008 Sample association	RE36-10-7444	36-610594	2 to 3	ALLH	0.00521 (U)	—	0.383	0.00324 (U)	0.0192 (U)	0.015 (U)	0.0356 (U)
PRS 36-008 Sample association	RE36-10-7445	36-610595	0 to 0.5	ALLH	0.00595 (U)	—	0.677	-0.00534 (U)	0.00887 (U)	0.0398	0.0142 (U)
PRS 36-008 Sample association	RE36-10-7447	36-610596	0 to 0.5	ALLH	0.0109 (U)	—	0.765	0.0189 (U)	0.016 (U)	0.0381	-0.0183 (U)
PRS 36-008 Sample association	RE36-10-7448	36-610596	2 to 3	ALLH	0.000622 (U)	0.122 (U)	0.312	0.011 (U)	-0.00551 (U)	0.0134 (U)	-0.00309 (U)
PRS 36-008 Sample association	RE36-10-7449	36-610597	0 to 0.5	ALLH	0.0106 (U)	0.0503 (U)	0.413	-0.0196 (U)	0.008 (U)	0.019 (U)	0.000974 (U)
PRS 36-008 Sample association	RE36-10-7450	36-610597	2 to 3	ALLH	-0.00142 (U)	0.0865 (U)	0.0579 (U)	-0.0101 (U)	0.0101 (U)	0.0053 (U)	-0.0601 (U)
PRS 36-008 Sample association	RE36-10-7451	36-610598	0 to 0.5	ALLH	0.0146 (U)	—	0.691	-0.011 (U)	0.00838 (U)	0.013 (U)	0.0189 (U)
PRS 36-008 Sample association	RE36-10-7452	36-610598	2 to 3	ALLH	0.00213 (U)	0.05 (U)	0.733	0.00912 (U)	0.00923 (U)	0.0258	-0.00742 (U)
PRS 36-008 Sample association	RE36-10-7454	36-610599	0.5 to 1	QBT2	0.0023 (U)	—	0.00741 (U)	-0.00165 (U)	0.00059 (U)	0.00819 (U)	0.0073 (U)
PRS 36-008 Sample association	RE36-10-7453	36-610599	0 to 0.5	ALLH	0.00797 (U)	0.0671 (U)	0.661	-0.0201 (U)	0.000559 (U)	0.0299	-0.00218 (U)
PRS 36-008 Sample association	RE36-10-7455	36-610600	0 to 0.5	ALLH	0.0141 (U)	0.075 (U)	0.678	-0.00285 (U)	0.012 (U)	0.028	0.00982 (U)
PRS 36-008 Sample association	RE36-10-7456	36-610600	1 to 2	QBT2	0.00369 (U)	0.0909 (U)	0.0366 (U)	0.0273 (U)	-0.00402 (U)	-0.000268 (U)	-0.00781 (U)
PRS 36-008 Sample association	RE36-10-7457	36-610601	0 to 0.5	ALLH	0.013 (U)	0.0476 (U)	0.485	0.033 (U)	0.0143 (U)	0.0285	-0.0205 (U)
PRS 36-008 Sample association	RE36-10-7458	36-610601	2 to 3	ALLH	0.00363 (U)	0.0741 (U)	0.156	-0.0141 (U)	0.00864 (U)	0.0115 (U)	-0.00697 (U)
PRS 36-008 Sample association	RE36-10-7459	36-610602	0 to 0.5	ALLH	0.0122 (U)	0.081 (U)	0.615	0.0176 (U)	0.0139 (U)	0.0222	0.015 (U)
PRS 36-008 Sample association	RE36-10-7460	36-610602	1.5 to 2.6	QBT2	-0.000374 (U)	—	0.0986	0.0228 (U)	0.0097 (U)	0.0082 (U)	-0.0865 (U)
PRS 36-008 Sample association	RE36-10-7461	36-610603	0 to 0.5	FILL	0.00453 (U)	0.0304 (U)	0.0623 (U)	0.000868 (U)	0.0128 (U)	0.0149 (U)	0.00125 (U)
PRS 36-008 Sample association	RE36-10-7462	36-610603	2 to 3	ALLH	0.000101 (U)	—	0.139	0.00493 (U)	0.00631 (U)	-0.0000685 (U)	-0.0025 (U)
PRS 36-008 Sample association	RE36-10-7463	36-610604	0 to 0.5	ALLH	0.00639 (U)	0.0969 (U)	0.43	-0.0136 (U)	-0.00535 (U)	0.0633	0.0114 (U)
PRS 36-008 Sample association	RE36-10-7464	36-610604	2 to 3	ALLH	-0.00335 (U)	0.0855 (U)	—	0.0455 (U)	0.0118 (U)	0.00131 (U)	0.0248 (U)
PRS 36-008 Sample association	RE36-10-7465	36-610605	0 to 0.5	FILL	0.005 (U)	0.0523 (U)	0.256	0.00335 (U)	0.0134 (U)	0.0105 (U)	0.0135 (U)
PRS 36-008 Sample association	RE36-10-7466	36-610605	2 to 3	FILL	-0.000988 (U)	0.0581 (U)	0.157	0.0205 (U)	0.00711 (U)	0.0111 (U)	-0.0347 (U)
PRS 36-008 Sample association	RE36-10-7467	36-610606	0 to 0.5	SED	0.00523 (U)	—	0.671	0.0243 (U)	0.0111 (U)	0.0136 (U)	-0.0192 (U)
PRS 36-008 Sample association	RE36-10-7468	36-610606	2 to 2.9	SED	0.0243	—	0.621	0.00523 (U)	0.000531 (U)	0.0224 (U)	0.00834 (U)
PRS 36-008 Sample association	RE36-10-7469	36-610607	0 to 0.5	SED	0.0465	0.0657 (U)	1.14	-0.0232 (U)	0.00811 (U)	0.0558	-0.0172 (U)
PRS 36-008 Sample association	RE36-10-7470	36-610607	2 to 3	ALLH	0.0137 (U)	—	0.469	0.0202 (U)	0.00467 (U)	0.0187 (U)	-0.0641 (U)
PRS 36-008 Sample association	RE36-10-7471	36-610608	0 to 0.8	FILL	0.000498 (U)	0.0369 (U)	0.18	0.0127 (U)	0.00893 (U)	0.0163 (U)	-0.0129 (U)
PRS 36-008 Sample association	RE36-10-7472	36-610608	2 to 3	FILL	0.000493 (U)	—	0.0144 (U)	-0.0362 (U)	-0.000165 (U)	0.0141 (U)	-0.0393 (U)
PRS 36-008 Sample association	RE36-10-7473	36-610609	0 to 0.5	SED	0.0227 (U)	—	1.17	-0.0333 (U)	0.00111 (U)	0.0587	-0.0324 (U)
PRS 36-008 Sample association	RE36-10-7475	36-610610	0 to 0.5	SED	0.00143 (U)	—	—	-0.015 (U)	0.0129 (U)	0.0108 (U)	0.026 (U)
PRS 36-008 Sample association	RE36-10-7476	36-610610	2 to 3	ALLH	0.00495 (U)	—	0.0155 (U)	-0.0164 (U)	0.0147 (U)	0.0049 (U)	-0.00863 (U)
PRS 36-008 Sample association	RE36-10-7477	36-610611	0 to 0.5	ALLH	0.0006 (U)	—	0.176	0.00305 (U)	0.00357 (U)	0.016 (U)	0.0314 (U)
PRS 36-008 Sample association	RE36-10-7478	36-610611	2 to 3	ALLH	-0.000283 (U)	—	0.161	0.0136 (U)	0.00102 (U)	0.0143 (U)	0.00213 (U)
PRS 36-008 Sample association	RE36-10-7479	36-610612	0 to 0.5	ALLH	0.00371 (U)	0.0421 (U)	0.616	0.0303 (U)	0.00524 (U)	0.0277	-0.0103 (U)
PRS 36-008 Sample association	RE36-10-7480	36-610612	2 to 3	ALLH	0.000633 (U)	—	0.103	0.0362 (U)	0.00202 (U)	0.0153 (U)	-0.00208 (U)

PRS 36-008 Sample association	RE36-10-7481	36-610613	0 to 0.5	ALLH	0.0158 (U)	—	0.978	-0.0129 (U)	0.00574 (U)	0.0502	0.0486 (U)
PRS 36-008 Sample association	RE36-10-7482	36-610613	2 to 3	ALLH	0.00437 (U)	—	0.296	-0.0213 (U)	-0.00258 (U)	0.0143 (U)	-0.0135 (U)
PRS 36-008 Sample association	RE36-10-7483	36-610614	0 to 0.5	ALLH	0.0189	0.0596 (U)	1.03	0.0305 (U)	0.00387 (U)	0.0302	-0.0193 (U)
PRS 36-008 Sample association	RE36-10-7484	36-610614	2 to 3	ALLH	0.00162 (U)	—	0.553	-0.0121 (U)	0.00595 (U)	0.024 (U)	-0.0437 (U)
PRS 36-008 Sample association	RE36-10-7485	36-610615	0 to 0.5	ALLH	0.0131 (U)	0.0571 (U)	0.794	0.0434 (U)	0.00842 (U)	0.0259 (U)	0.00118 (U)
PRS 36-008 Sample association	RE36-10-7486	36-610615	2 to 3	ALLH	0.0128 (U)	0.0862 (U)	0.663	0.0298 (U)	0.00392 (U)	0.0262	-0.00877 (U)
PRS 36-008 Sample association	RE36-10-7487	36-610616	0 to 0.5	ALLH	0.00169 (U)	—	0.32	0.00508 (U)	0.00247 (U)	0.014 (U)	-0.0135 (U)
PRS 36-008 Sample association	RE36-10-7488	36-610616	2 to 3	ALLH	0.00182 (U)	0.0491 (U)	0.0487 (U)	-0.00451 (U)	0.00239 (U)	0.00187 (U)	-0.0112 (U)
PRS 36-008 Sample association	RE36-10-7489	36-610617	0 to 0.5	ALLH	0.000944 (U)	—	0.335	0.00492 (U)	0 (U)	0.0308	-0.0148 (U)
PRS 36-008 Sample association	RE36-10-7490	36-610617	2 to 3	ALLH	-0.000448 (U)	0.0894 (U)	0.148	-0.0243 (U)	0.00593 (U)	0.0076 (U)	0.00276 (U)
PRS 36-008 Sample association	RE36-10-7491	36-610618	0 to 0.5	ALLH	0.0163 (U)	0.0693 (U)	1.48	-0.000776 (U)	0.0161 (U)	0.0829	-0.00518 (U)
PRS 36-008 Sample association	RE36-10-7492	36-610618	2 to 3	ALLH	0.00383 (U)	0.0496 (U)	0.629	0.0247 (U)	0.00196 (U)	0.0103 (U)	-0.0655 (U)
PRS 36-008 Sample association	RE36-10-7493	36-610619	0 to 0.5	ALLH	0.021 (U)	—	0.728	0.013 (U)	0.0032 (U)	0.018	0.0049 (U)
PRS 36-008 Sample association	RE36-10-7494	36-610619	2 to 3	ALLH	0.00173 (U)	—	0.000344 (U)	0.00992 (U)	0.00553 (U)	0.0171 (U)	-0.0253 (U)
PRS 36-008 Sample association	RE36-10-7495	36-610620	0 to 0.5	ALLH	0.00465 (U)	—	1.31	0.0139 (U)	-0.00382 (U)	0.0409	0.0158 (U)
PRS 36-008 Sample association	RE36-10-7496	36-610620	2 to 3	ALLH	0.00606 (U)	—	0.415	-0.0146 (U)	0.00551 (U)	0.031	-0.0338 (U)
PRS 36-008 Sample association	RE36-10-7497	36-610621	0 to 0.5	ALLH	0.00825 (U)	—	0.272	0.03 (U)	0.000649 (U)	0.0172 (U)	-0.00269 (U)
PRS 36-008 Sample association	RE36-10-7498	36-610621	2 to 3	ALLH	0.00533 (U)	0.0806 (U)	—	0.0537 (U)	-0.00391 (U)	0.00464 (U)	-0.0254 (U)
PRS 36-008 Sample association	RE36-10-7499	36-610622	0 to 0.5	ALLH	0.0117 (U)	0.0846 (U)	0.91	0.0185 (U)	0.0039 (U)	0.0414	0.0011 (U)
PRS 36-008 Sample association	RE36-10-7500	36-610622	2 to 3	ALLH	0.00664 (U)	0.0954 (U)	0.516	-0.0195 (U)	0.00548 (U)	0.0263	-0.0194 (U)
PRS 36-008 Sample association	RE36-10-7501	36-610623	0 to 0.5	ALLH	-0.000148 (U)	—	0.0197 (U)	-0.0487 (U)	0.00574 (U)	-0.00455 (U)	-0.0136 (U)
PRS 36-008 Sample association	RE36-10-8273	36-610821	0 to 0.5	SED	0.0202 (U)	—	2.02	0.0128 (U)	0.0142 (U)	0.0762	-0.0354 (U)
PRS 36-008 Sample association	RE36-10-8274	36-610821	2 to 3	ALLH	0.00307 (U)	—	0.379	0.0333 (U)	-0.00216 (U)	0.0193 (U)	-0.0274 (U)
PRS 36-008 Sample association	RE36-10-8275	36-610822	0 to 0.5	SED	0.0106 (U)	0.0931 (U)	0.746	-0.00686 (U)	-0.000778 (U)	0.0366	-0.0208 (U)
PRS 36-008 Sample association	RE36-10-8276	36-610822	2 to 3	SED	0.00427 (U)	0.073 (U)	0.0706 (U)	-0.0202 (U)	0.026	0.00281 (U)	-0.000521 (U)
PRS 36-008 Sample association	RE36-10-8277	36-610823	0 to 0.5	SED	0.013 (U)	—	0.521	0.0241 (U)	0.00168 (U)	0.0492	0.00419 (U)
PRS 36-008 Sample association	RE36-10-8278	36-610823	2 to 3	SED	0.00182 (U)	—	-0.00545 (U)	-0.00358 (U)	0.0181 (U)	-0.00123 (U)	0.00357 (U)
PRS 36-008 Sample association	RE36-10-8279	36-610824	0 to 0.5	ALLH	0.00362 (U)	—	0.625	-0.00883 (U)	0.00168 (U)	0.0397	-0.0163 (U)
PRS 36-008 Sample association	RE36-10-8280	36-610824	2 to 3	ALLH	0.0152 (U)	—	0.614	0.0104 (U)	0.0049 (U)	0.0275 (U)	-0.0237 (U)
PRS 36-008 Sample association	RE36-10-8281	36-610825	0 to 1	ALLH	0.0163 (U)	0.129 (U)	0.766	0.0177 (U)	-0.00697 (U)	0.0302 (J+)	0.0174 (U)
PRS 36-008 Sample association	RE36-10-8282	36-610825	2 to 2.5	QBT3	0.00588 (U)	0.0837 (U)	0.0377 (U)	-0.0161 (U)	0.0042 (U)	-0.0021 (U)	-0.0399 (U)
PRS 36-008 Sample association	RE36-10-8283	36-610826	0 to 0.5	ALLH	0.00139 (U)	—	0.335	0.00417 (U)	0.00248 (U)	0.0166 (U)	-0.0206 (U)
PRS 36-008 Sample association	RE36-10-8284	36-610826	2 to 3	ALLH	0.00103 (U)	0.0886 (U)	0.326	0.029 (U)	0.0026 (U)	0.0211 (U)	0.0152 (U)
PRS 36-008 Sample association	RE36-10-8285	36-610827	0 to 0.5	ALLH	0.0183 (U)	0.0922 (U)	0.669	-0.00916 (U)	0.00916 (U)	0.0437	-0.00258 (U)
PRS 36-008 Sample association	RE36-10-8286	36-610827	2 to 3	ALLH	0.00414 (U)	0.0934 (U)	0.143	0.0128 (U)	0.00378 (U)	0.0148 (U)	0.0169 (U)
PRS 36-008 Sample association	RE36-10-8287	36-610828	0 to 0.5	SED	0.0162 (U)	—	0.58	-0.00374 (U)	0.00686 (U)	0.0388	-0.00329 (U)
PRS 36-008 Sample association	RE36-10-8288	36-610828	2 to 3	ALLH	0.000477 (U)	—	0.166	0.0177 (U)	0.00896 (U)	0.00435 (U)	0.0247 (U)
PRS C-12-001 Sample association	RE12-10-7551	12-610624	0 to 0.5	ALLH	0.000378 (U)	0.0464 (U)	0.114	0.00675 (U)	-0.0061 (U)	-0.00122 (U)	0.0179 (U)
PRS C-12-001 Sample association	RE12-10-7552	12-610624	2 to 3	QBT3	0.000268 (U)	—	-0.0159 (U)	-0.0145 (U)	0.0104 (U)	0.0013 (U)	-0.0224 (U)
PRS C-12-001 Sample association	RE12-10-7553	12-610625	0 to 0.5	ALLH	0.00492 (U)	—	0.347	0.000846 (U)	0.00451 (U)	0.015 (U)	0.0404 (U)
PRS C-12-001 Sample association	RE12-10-7554	12-610625	2 to 3	QBT3	0.00385 (U)	0.0555 (U)	-0.0226 (U)	-0.00637 (U)	-0.00149 (U)	-0.00149 (U)	-0.00185 (U)
PRS C-12-001 Sample association	RE12-10-7555	12-610626	0 to 0.5	ALLH	0.000379 (U)	—	0.131	-0.0298 (U)	0.00143 (U)	0.00571 (U)	0.00827 (U)
PRS C-12-001 Sample association	RE12-10-7556	12-610626	2.1 to 3	QBT3	-0.00391 (U)	—	-0.0178 (U)	-0.00868 (U)	0.000994 (U)	0.00298 (U)	-0.00221 (U)
PRS C-12-001 Sample association	RE12-10-7557	12-610627	0 to 0.5	ALLH	0.00432 (U)	—	0.202	-0.00714 (U)	0.00107 (U)	0.0117 (U)	0.0264 (U)
PRS C-12-001 Sample association	RE12-10-7558	12-610627	2.4 to 3	QBT3	0.000262 (U)	0.0767 (U)	0.0263 (U)	-0.0222 (U)	0.00109 (U)	0.00436 (U)	-0.0125 (U)
PRS C-12-001 Sample association	RE12-10-7561	12-610628	0 to 1	ALLH	0.00514 (U)	0.0528 (U)	0.154	0.000277 (U)	0 (U)	0.00676 (U)	-0.00685 (U)
PRS C-12-001 Sample association	RE12-10-7562	12-610628	2 to 3	QBT3	-0.000394 (U)	—	0.00334 (U)	-0.00168 (U)	0 (U)	0 (U)	-0.0253 (U)

PRS C-12-002 Sample association	RE12-10-7580	12-610629	0 to 0.5	ALLH	0.00594 (U)	0.0639 (U)	0.312	-0.000364 (U)	0.0134 (U)	0.0175 (U)	-0.0259 (U)
PRS C-12-002 Sample association	RE12-10-7581	12-610629	2 to 2.75	ALLH	-0.00179 (U)	—	0.0394 (U)	-0.0136 (U)	0 (U)	0.00269 (U)	0.0139 (U)
PRS C-12-002 Sample association	RE12-10-7582	12-610630	0 to 0.75	ALLH	0.00569 (U)	0.0893 (U)	-0.000825 (U)	0.0317 (U)	-0.00133 (U)	-0.000000000316 (U)	-0.0163 (U)
PRS C-12-002 Sample association	RE12-10-7583	12-610630	2 to 3	ALLH	0.0032 (U)	0.0986 (U)	0.00448 (U)	-0.0000482 (U)	0.00413 (U)	-0.000000000164 (U)	-0.0347 (U)
PRS C-12-002 Sample association	RE12-10-7584	12-610631	0 to 0.5	ALLH	0.0148 (U)	—	0.232	-0.0129 (U)	-0.00139 (U)	0.0167 (U)	-0.0223 (U)
PRS C-12-002 Sample association	RE12-10-7585	12-610631	2 to 3	QBT3	0.00714 (U)	0.0898 (U)	0.0341 (U)	0.0568 (U)	0.00367 (U)	0.00734 (U)	-0.0158 (U)
PRS C-12-002 Sample association	RE12-10-7586	12-610632	0 to 0.75	ALLH	0.00442 (U)	—	0.239	0.00525 (U)	0.0189 (U)	0.0103 (U)	-0.00949 (U)
PRS C-12-002 Sample association	RE12-10-7587	12-610632	2 to 3	QBT3	0.00173 (U)	0.0649 (U)	0.0173 (U)	0.00209 (U)	0.00148 (U)	-0.000000000354 (U)	0.0193 (U)
PRS C-12-002 Sample association	RE12-10-7590	12-610633	0 to 0.5	ALLH	0.00965 (U)	—	0.127	0.00866 (U)	0.0042 (U)	0.00979 (U)	0.0188 (U)
PRS C-12-002 Sample association	RE12-10-7591	12-610633	2 to 3	ALLH	0.00337 (U)	—	0.0153 (U)	-0.0023 (U)	0.00141 (U)	0.00705 (U)	-0.0119 (U)
PRS C-12-003 Sample association	RE12-10-7596	12-610634	0 to 0.6	ALLH	0.000517 (U)	—	0.000255 (U)	0.0325 (U)	0.0025 (U)	-0.00125 (U)	0.0187 (U)
PRS C-12-003 Sample association	RE12-10-7597	12-610634	2.5 to 3	ALLH	0.00609 (U)	0.072 (U)	-0.0248 (U)	0.0194 (U)	0.00221 (U)	0 (U)	-0.00991 (U)
PRS C-12-003 Sample association	RE12-10-7598	12-610635	0 to 0.5	ALLH	0.00928 (U)	0.0471 (U)	0.485	0.0127 (U)	0.00134 (U)	0.0214 (U)	0.0312 (U)
PRS C-12-003 Sample association	RE12-10-7599	12-610635	2 to 2.9	QBT3	-0.00182 (U)	0.0613 (U)	0.0224 (U)	-0.0223 (U)	0.00493 (U)	0.00123 (U)	-0.014 (U)
PRS C-12-003 Sample association	RE12-10-7600	12-610636	0 to 0.5	ALLH	0.01 (U)	0.0399 (U)	0.397	0.0109 (U)	0 (U)	0.0105 (U)	-0.01 (U)
PRS C-12-003 Sample association	RE12-10-7601	12-610636	2 to 3.2	QBT3	0.00397 (U)	—	-0.00929 (U)	-0.0291 (U)	0.00949 (U)	0.00271 (U)	-0.00856 (U)
PRS C-12-003 Sample association	RE12-10-7602	12-610637	0 to 0.5	ALLH	0.00307 (U)	—	0.192	0.000251 (U)	-0.00528 (U)	0.00528 (U)	-0.00741 (U)
PRS C-12-003 Sample association	RE12-10-7603	12-610637	1.9 to 2.5	QBT3	0.00513 (U)	0.0598 (U)	-0.00189 (U)	-0.0184 (U)	0.00121 (U)	0.00482 (U)	-0.0247 (U)
PRS C-12-003 Sample association	RE12-10-7606	12-610638	0 to 0.5	ALLH	0.0127 (U)	0.0828 (U)	0.287	0.0321 (U)	0.00132 (U)	0.0105 (U)	-0.0131 (U)
PRS C-12-003 Sample association	RE12-10-7607	12-610638	2 to 2.7	QBT3	0.00317 (U)	—	0.000963 (U)	-0.00514 (U)	0.00263 (U)	0.00263 (U)	-0.027 (U)
PRS C-12-004 Sample association	RE12-10-7351	12-610569	0 to 0.5	ALLH	0.022 (U)	0.029 (U)	0.584	-0.0106 (U)	0.00117 (U)	0.0387	-0.00337 (U)
PRS C-12-004 Sample association	RE12-10-7352	12-610569	2 to 3	ALLH	-0.000589 (U)	—	-0.0089 (U)	0.0118 (U)	0 (U)	0.0011 (U)	-0.00088 (U)
PRS C-12-004 Sample association	RE12-10-7353	12-610570	0 to 0.75	ALLH	0.00183 (U)	—	0.336	-0.0258 (U)	0 (U)	0.0106 (U)	-0.0372 (U)
PRS C-12-004 Sample association	RE12-10-7354	12-610570	1.75 to 2.7	QBT3	0.00509 (U)	0.0659 (U)	-0.0434 (U)	0.0045 (U)	0 (U)	0.000000000704 (U)	-0.01 (U)
PRS C-12-004 Sample association	RE12-10-7355	12-610571	0 to 0.75	ALLH	-0.000401 (U)	0.0849 (U)	0.212	0.0291 (U)	0.00117 (U)	0.00938 (U)	-0.003 (U)
PRS C-12-004 Sample association	RE12-10-7356	12-610571	2 to 2.5	QBT3	0.00224 (U)	0.0473 (U)	0.0139 (U)	0.0129 (U)	-0.00103 (U)	0 (U)	0.0185 (U)
PRS C-12-004 Sample association	RE12-10-7357	12-610572	0 to 0.75	ALLH	0.00236 (U)	—	0.244	-0.00116 (U)	0.00421 (U)	0.0179 (U)	-0.00892 (U)
PRS C-12-004 Sample association	RE12-10-7358	12-610572	2 to 2.5	ALLH	0.00201 (U)	0.0638 (U)	—	0.0439 (U)	0 (U)	0.0069 (U)	0.0107 (U)
PRS C-12-004 Sample association	RE12-10-7359	12-610573	0 to 0.5	ALLH	0.00821 (U)	0.0487 (U)	0.677	0.0368 (U)	0.000973 (U)	0.0175 (U)	-0.019 (U)
PRS C-12-004 Sample association	RE12-10-7360	12-610573	2 to 2.5	QBT3	0.00683 (U)	—	0.0337 (U)	-0.000183 (U)	0.00106 (U)	0.00106 (U)	-0.00906 (U)
PRS C-12-005 Sample association	RE12-10-7663	12-610656	0 to 0.5	ALLH	-0.0032 (U)	0.0551 (U)	0.213	0.0347 (U)	0.00385 (U)	0.00385 (U)	-0.0216 (U)
PRS C-12-005 Sample association	RE12-10-7664	12-610656	2 to 2.9	ALLH	0.00758 (U)	0.0617 (U)	0.0377 (U)	0.0294 (U)	0.000000000299 (U)	0.0125 (U)	0.0175 (U)
PRS C-12-005 Sample association	RE12-10-7665	12-610657	0 to 0.5	ALLH	0.00134 (U)	0.0652 (U)	0.277	-0.0457 (U)	0.00249 (U)	0.00621 (U)	-0.00904 (U)
PRS C-12-005 Sample association	RE12-10-7666	12-610657	2 to 3.6	ALLH	-0.0122 (U)	0.0498 (U)	-0.00232 (U)	-0.000826 (U)	0.00869 (U)	0.00326 (U)	-0.0479 (U)
PRS C-12-005 Sample association	RE12-10-7667	12-610658	0 to 0.5	ALLH	0.00139 (U)	—	0.273	0.00724 (U)	0.0115 (U)	0.031	-0.0213 (U)
PRS C-12-005 Sample association	RE12-10-7668	12-610658	2.5 to 2.9	ALLH	-0.00065 (U)	—	0.0174 (U)	0.037 (U)	-0.00445 (U)	0.00889 (U)	0.0214 (U)
PRS C-12-005 Sample association	RE12-10-7669	12-610659	0 to 0.4	ALLH	-0.00303 (U)	—	0.26	0.0103 (U)	0.00204 (U)	0.0143 (U)	-0.014 (U)
PRS C-12-005 Sample association	RE12-10-7670	12-610659	2 to 3	ALLH	0.0174 (U)	0.0718 (U)	-0.0202 (U)	0.0111 (U)	0.00224 (U)	0.00224 (U)	-0.0567 (U)
PRS C-12-005 Sample association	RE12-10-7671	12-610660	0 to 0.6	ALLH	0.00215 (U)	0.0742 (U)	0.206	-0.00193 (U)	0.00422 (U)	0.00528 (U)	-0.0167 (U)
PRS C-12-005 Sample association	RE12-10-7672	12-610660	2 to 2.5	ALLH	0.0147 (U)	0.0707 (U)	0.0054 (U)	0.0108 (U)	0.00111 (U)	0.00332 (U)	-0.00397 (U)
PRS C-14-006 Sample association	RE14-10-7679	14-610661	0 to 0.5	ALLH	0.00698 (U)	0.0575 (U)	—	0.0121 (U)	0.00226 (U)	0.0079 (U)	-0.0483 (U)
PRS C-14-006 Sample association	RE14-10-7680	14-610661	2 to 3.1	ALLH	0.000668 (U)	—	-0.0252 (U)	-0.0118 (U)	0.00451 (U)	-0.00226 (U)	0.00693 (U)
PRS C-14-006 Sample association	RE14-10-7681	14-610662	0 to 0.5	ALLH	-0.000687 (U)	0.076 (U)	-0.0393 (U)	-0.039 (U)	0.00232 (U)	0.00464 (U)	-0.0443 (U)
PRS C-14-006 Sample association	RE14-10-7682	14-610662	2 to 4.5	ALLH	0.0034 (U)	—	0.00985 (U)	-0.0296 (U)	0.00119 (U)	0.00118 (U)	-0.023 (U)
PRS C-14-006 Sample association	RE14-10-7683	14-610663	0 to 0.3	ALLH	0.00234 (U)	0.0789 (U)	0.147	-0.0274 (U)	0.00349 (U)	0.00116 (U)	-0.0275 (U)
PRS C-14-006 Sample association	RE14-10-7684	14-610663	2 to 3.3	ALLH	-0.000524 (U)	—	-0.0166 (U)	-0.0105 (U)	-0.00372 (U)	-0.000000000296 (U)	-0.031 (U)
PRS C-14-006 Sample association	RE14-10-7685	14-610664	0 to 0.5	ALLH	0.0077 (U)	0.0749 (U)	0.224	-0.0332 (U)	-0.00137 (U)	0.00549 (U)	0.0245 (U)



PRS C-14-006 Sample association	RE14-10-7686	14-610664	2 to 4	ALLH	0.00222 (U)	—	-0.0111 (U)	0.0219 (U)	0.00121 (U)	0.00242 (U)	-0.00761 (U)
PRS C-14-006 Sample association	RE14-10-7687	14-610665	0 to 0.8	ALLH	0.00224 (U)	—	0.0849	-0.0319 (U)	0.00327 (U)	-0.00218 (U)	-0.033 (U)
PRS C-14-006 Sample association	RE14-10-7688	14-610665	2.4 to 3.5	ALLH	0.00322 (U)	0.0743 (U)	0.119 (U)	-0.0218 (U)	0.00232 (U)	-0.00347 (U)	-0.0189 (U)
PRS C-36-003 Sample association	RE36-10-8273	36-610821	0 to 0.5	SED	0.0202 (U)	—	2.02	0.0128 (U)	0.0142 (U)	0.0762	-0.0354 (U)
PRS C-36-003 Sample association	RE36-10-8274	36-610821	2 to 3	ALLH	0.00307 (U)	—	0.379	0.0333 (U)	-0.00216 (U)	0.0193 (U)	-0.0274 (U)
PRS C-36-003 Sample association	RE36-10-8275	36-610822	0 to 0.5	SED	0.0106 (U)	0.0931 (U)	0.746	-0.00686 (U)	-0.000778 (U)	0.0366	-0.0208 (U)
PRS C-36-003 Sample association	RE36-10-8276	36-610822	2 to 3	SED	0.00427 (U)	0.073 (U)	0.0706 (U)	-0.0202 (U)	0.026	0.00281 (U)	-0.000521 (U)
PRS C-36-003 Sample association	RE36-10-8277	36-610823	0 to 0.5	SED	0.013 (U)	—	0.521	0.0241 (U)	0.00168 (U)	0.0492	0.00419 (U)
PRS C-36-003 Sample association	RE36-10-8278	36-610823	2 to 3	SED	0.00182 (U)	—	-0.00545 (U)	-0.00358 (U)	0.0181 (U)	-0.00123 (U)	0.00357 (U)
PRS C-36-003 Sample association	RE36-10-8279	36-610824	0 to 0.5	ALLH	0.00362 (U)	—	0.625	-0.00883 (U)	0.00168 (U)	0.0397	-0.0163 (U)
PRS C-36-003 Sample association	RE36-10-8280	36-610824	2 to 3	ALLH	0.0152 (U)	—	0.614	0.0104 (U)	0.0049 (U)	0.0275 (U)	-0.0237 (U)
PRS C-36-003 Sample association	RE36-10-8281	36-610825	0 to 1	ALLH	0.0163 (U)	0.129 (U)	0.766	0.0177 (U)	-0.00697 (U)	0.0302 (J+)	0.0174 (U)
PRS C-36-003 Sample association	RE36-10-8282	36-610825	2 to 2.5	QBT3	0.00588 (U)	0.0837 (U)	0.0377 (U)	-0.0161 (U)	0.0042 (U)	-0.0021 (U)	-0.0399 (U)
PRS C-36-003 Sample association	RE36-10-8283	36-610826	0 to 0.5	ALLH	0.00139 (U)	—	0.335	0.00417 (U)	0.00248 (U)	0.0166 (U)	-0.0206 (U)
PRS C-36-003 Sample association	RE36-10-8284	36-610826	2 to 3	ALLH	0.00103 (U)	0.0886 (U)	0.326	0.029 (U)	0.0026 (U)	0.0211 (U)	0.0152 (U)
PRS C-36-003 Sample association	RE36-10-8285	36-610827	0 to 0.5	ALLH	0.0183 (U)	0.0922 (U)	0.669	-0.00916 (U)	0.00916 (U)	0.0437	-0.00258 (U)
PRS C-36-003 Sample association	RE36-10-8286	36-610827	2 to 3	ALLH	0.00414 (U)	0.0934 (U)	0.143	0.0128 (U)	0.00378 (U)	0.0148 (U)	0.0169 (U)
PRS C-36-003 Sample association	RE36-10-8287	36-610828	0 to 0.5	SED	0.0162 (U)	—	0.58	-0.00374 (U)	0.00686 (U)	0.0388	-0.00329 (U)
PRS C-36-003 Sample association	RE36-10-8288	36-610828	2 to 3	ALLH	0.000477 (U)	—	0.166	0.0177 (U)	0.00896 (U)	0.00435 (U)	0.0247 (U)
PRS 15-004(d) Sample association	AAB3451	15-02100	1.5 to 2	ALLH	—	—	0.004 (U)	0.021 (U)	—	—	0.025 (U)
PRS 15-004(d) Sample association	AAB3461	15-02112	0 to 0.5	ALLH	—	—	0.419	-0.004 (U)	—	—	-0.02 (U)
PRS 15-004(d) Sample association	RE15-10-8112	15-610788	0 to 0.5	ALLH	0.00101 (U)	—	0.151	-0.0279 (U)	-0.000114 (U)	0.0102 (U)	-0.046 (U)
PRS 15-004(d) Sample association	RE15-10-8113	15-610788	2 to 3	ALLH	-0.00674 (U)	—	-0.000896 (U)	-0.0203 (U)	-0.00418 (UJ)	0.00308 (UJ)	-0.019 (U)
PRS 15-004(d) Sample association	RE15-10-8114	15-610789	0 to 0.5	ALLH	0.0175 (U)	0.0581 (U)	0.593	-0.00487 (U)	0.00551 (U)	0.0358	0.0153 (U)
PRS 15-004(d) Sample association	RE15-10-8115	15-610789	2 to 3	ALLH	-0.000319 (U)	0.0556 (U)	0.00198 (U)	-0.0174 (U)	0.00226 (U)	-0.00116 (U)	-0.0255 (U)
PRS 15-004(d) Sample association	RE15-10-8116	15-610790	0 to 0.5	ALLH	0.00199 (U)	—	0.0616 (U)	0.00457 (U)	-0.00117 (U)	0.0104 (U)	-0.0032 (U)
PRS 15-004(d) Sample association	RE15-10-8117	15-610790	2 to 3	ALLH	0.00451 (U)	0.0533 (U)	0.181	-0.0299 (U)	-0.00118 (U)	0.00107 (U)	-0.0117 (U)
PRS 15-004(d) Sample association	RE15-10-8118	15-610791	0 to 0.5	ALLH	0.0077 (U)	0.0839 (U)	0.231	-0.0117 (U)	0.00131 (U)	0.0066 (U)	-0.00504 (U)
PRS 15-004(d) Sample association	RE15-10-8119	15-610791	2 to 3	ALLH	0.00232 (U)	—	-0.00663 (U)	0.0198 (U)	-0.00123 (U)	-0.0012 (U)	-0.00655 (U)
PRS 15-005(c) Sample association	RE15-10-7300	15-610555	0 to 0.5	SED	0.00157 (U)	0.063 (U)	0.112	-0.0137 (U)	0.0199 (U)	0.00796 (U)	-0.0251 (U)
PRS 15-005(c) Sample association	RE15-10-7301	15-610555	1 to 2	SED	0.00199 (U)	—	0.0241 (U)	0.00943 (U)	0.00522 (U)	0.00912 (U)	-0.00141 (U)
PRS 15-005(c) Sample association	RE15-10-7302	15-610556	0 to 0.7	SED	0.0028 (U)	—	0.131	0.0231 (U)	0.00158 (U)	0.0095 (U)	-0.0263 (U)
PRS 15-005(c) Sample association	RE15-10-7303	15-610556	1 to 3	SED	-0.00266 (U)	0.0918 (U)	-0.0212 (U)	-0.00519 (U)	0 (U)	0 (U)	-0.0706 (U)
PRS 15-005(c) Sample association	RE15-10-7304	15-610557	0 to 0.5	SED	-0.00164 (U)	—	0.0798	0.012 (U)	0.00433 (U)	-0.00289 (U)	-0.00592 (U)
PRS 15-005(c) Sample association	RE15-10-7305	15-610557	1 to 2	SED	0.00452 (U)	—	0.0167 (U)	0.0121 (U)	0.00425 (U)	0.00142 (U)	0.0273 (U)
PRS 15-005(c) Sample association	RE15-10-7306	15-610558	0 to 0.5	ALLH	0.0026 (U)	—	0.167	0.00474 (U)	0 (U)	0.00847 (U)	-0.000277 (U)
PRS 15-005(c) Sample association	RE15-10-7307	15-610558	2 to 3	ALLH	-0.000975 (U)	—	-0.0314 (U)	0.0321 (U)	0.0121 (U)	0.00134 (U)	-0.0306 (U)
PRS 15-005(c) Sample association	RE15-10-7308	15-610559	0 to 0.5	ALLH	0.0029 (U)	—	0.223	-0.015 (U)	0 (U)	0.00751 (U)	-0.0441 (U)
PRS 15-005(c) Sample association	RE15-10-7309	15-610559	2 to 3.3	ALLH	0.00144 (U)	0.0869 (U)	-0.0133 (U)	-0.0193 (U)	-0.00108 (U)	-0.00282 (U)	0.0324 (U)
PRS 15-005(c) Sample association	RE15-10-7310	15-610560	0 to 0.5	ALLH	0.000978 (U)	—	0.209	0.00325 (U)	0.00241 (U)	0.0145 (U)	-0.00148 (U)
PRS 15-005(c) Sample association	RE15-10-7311	15-610560	2 to 4	ALLH	0.00426 (U)	—	-0.0168 (U)	-0.0319 (U)	0.0102 (U)	0.00254 (U)	0.0168 (U)
PRS 15-005(c) Sample association	RE15-10-7312	15-610561	0 to 0.5	ALLH	0.00509 (U)	0.111 (U)	0.348	0.0248 (U)	0.00183 (U)	0.0133 (U)	-0.03 (U)
PRS 15-005(c) Sample association	RE15-10-7313	15-610561	2 to 3	ALLH	-0.00181 (U)	0.064 (U)	0.00697 (U)	-0.0152 (U)	0 (U)	0.000793 (U)	-0.00867 (U)
PRS 15-005(c) Sample association	RE15-10-7314	15-610562	0 to 0.5	ALLH	0.00281 (U)	0.0437 (U)	0.271	0.0239 (U)	0.000397 (U)	0.00567 (U)	-0.0113 (U)
PRS 15-005(c) Sample association	RE15-10-7315	15-610562	2 to 3	ALLH	-0.00131 (U)	—	0.0375 (U)	0.00324 (U)	-0.00106 (U)	0.00739 (U)	-0.0332 (U)
PRS 15-005(c) Sample association	RE15-10-7316	15-610563	0 to 0.7	ALLH	0.00352 (U)	—	0.26	0.0285 (U)	-0.00254 (U)	0.00888 (U)	-0.0131 (U)



PRS 15-005(c) Sample association	RE15-10-7317	15-610563	2 to 3	ALLH	0.00455 (U)	—	0.0122 (U)	-0.000929 (U)	-0.00106 (U)	0.00211 (U)	0.0175 (U)
PRS 15-005(c) Sample association	RE15-10-7318	15-610564	0 to 0.7	ALLH	0.0136 (U)	0.0886 (U)	0.259	-0.000576 (U)	0.00264 (U)	0.0145 (U)	-0.00621 (U)
PRS 15-005(c) Sample association	RE15-10-7319	15-610564	2 to 3	ALLH	0.0102 (U)	—	-0.0125 (U)	-0.0188 (U)	-0.00583 (U)	0.00433 (U)	-0.0225 (U)
PRS 15-007(c) Sample association	RE15-10-8174	15-610816	3.5 to 5	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8175	15-610816	17.5 to 20	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8176	15-610816	34 to 35	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8177	15-610816	49 to 50	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8178	15-610816	65 to 66	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8179	15-610816	79 to 80	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8180	15-610816	94 to 95	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8181	15-610816	109 to 110	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8182	15-610816	124 to 125	QBT2	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8183	15-610816	139 to 140	QBT2	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8184	15-610816	154 to 155	QBT2	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8185	15-610816	169 to 170	QBT1G	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8210	15-610816	181.5 to 182.5	QBT1G	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8186	15-610817	4 to 5	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8187	15-610817	18 to 20	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8188	15-610817	34 to 35	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8189	15-610817	49 to 50	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8190	15-610817	64 to 65	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8191	15-610817	79 to 80	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8192	15-610817	94 to 95	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8193	15-610817	109 to 110	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8194	15-610817	124 to 126	QBT2	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8195	15-610817	139 to 140	QBT2	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8196	15-610817	156 to 157.5	QBT2	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8197	15-610817	171.5 to 172.5	QBT1G	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8211	15-610817	181.5 to 182.5	QBT1G	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8198	15-610818	4 to 5	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8199	15-610818	19 to 20	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8200	15-610818	34 to 35	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8201	15-610818	49 to 50	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8202	15-610818	63.5 to 65	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8203	15-610818	79 to 80	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8204	15-610818	94 to 95	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8205	15-610818	109 to 110	QBT3	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8206	15-610818	124 to 130	QBT2	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8207	15-610818	139 to 140	QBT2	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8208	15-610818	154 to 155	QBT2	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8209	15-610818	169 to 170	QBT1G	—	—	—	—	—	—	—
PRS 15-007(c) Sample association	RE15-10-8212	15-610818	180 to 182.5	QBT1G	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8240	15-610819	4 to 5	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8241	15-610819	19 to 20	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8242	15-610819	33 to 35	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8243	15-610819	49 to 50	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8244	15-610819	64 to 65	QBT3	—	—	—	—	—	—	—

PRS 15-007(d) Sample association	RE15-10-8245	15-610819	79 to 80	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8246	15-610819	104 to 105	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8247	15-610819	109 to 110	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8248	15-610819	123.5 to 125	QBT2	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8249	15-610819	138.5 to 140	QBT2	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8250	15-610819	154 to 155	QBT2	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8251	15-610819	169 to 170	QBT1G	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8264	15-610819	181.5 to 182.5	QBT1G	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8252	15-610820	4 to 5	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8253	15-610820	18 to 20	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8254	15-610820	34 to 35	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8255	15-610820	48.5 to 50	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8256	15-610820	63.5 to 65	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8257	15-610820	79 to 80	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8258	15-610820	93.5 to 95	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8259	15-610820	108.5 to 110	QBT3	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8260	15-610820	124 to 125	QBT2	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8261	15-610820	138.5 to 140	QBT2	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8262	15-610820	153.5 to 155	QBT2	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8263	15-610820	168.5 to 170	QBT2	—	—	—	—	—	—	—
PRS 15-007(d) Sample association	RE15-10-8265	15-610820	178 to 180	QBT1V	—	—	—	—	—	—	—
PRS 15-008(b) Sample association	RE15-10-7869	15-610704	0 to 0.5	ALLH	0.0107 (U)	—	0.00459 (U)	-0.0111 (U)	0.00711 (U)	0.0201 (U)	-0.0228 (U)
PRS 15-008(b) Sample association	RE15-10-7870	15-610704	1 to 2.5	QBT3	0.00249 (U)	—	-0.0107 (U)	0.02 (U)	0.0078 (U)	0.0111 (U)	0.00553 (U)
PRS 15-008(b) Sample association	RE15-10-7871	15-610705	0 to 0.5	ALLH	0.0314	0.0712 (U)	0.0645 (U)	-0.00374 (U)	0.00266 (U)	0.0173 (U)	-0.0286 (U)
PRS 15-008(b) Sample association	RE15-10-7872	15-610705	2 to 3	QBT3	0.00276 (U)	—	-0.0176 (U)	0.00592 (U)	0.0152 (U)	0.00117 (U)	-0.00276 (U)
PRS 15-008(b) Sample association	RE15-10-7873	15-610706	0 to 0.5	ALLH	0.00412 (U)	0.0578 (U)	0.118 (U)	-0.019 (U)	0.00142 (U)	0.0156 (U)	-0.0427 (U)
PRS 15-008(b) Sample association	RE15-10-7874	15-610706	2 to 3.5	QBT3	-0.00182 (U)	—	0.049 (U)	0.00409 (U)	0.0106 (U)	0.0106 (U)	-0.0219 (U)
PRS 15-008(b) Sample association	RE15-10-7875	15-610707	0 to 0.5	ALLH	0.00108 (U)	—	0.131	0.014 (U)	0.0023 (U)	0.0023 (U)	-0.0386 (U)
PRS 15-008(b) Sample association	RE15-10-7876	15-610707	2.5 to 3.5	QBT3	-0.000787 (U)	0.0458 (U)	0.0156 (U)	-0.0167 (U)	0.00724 (U)	0.00482 (U)	0.0309 (U)
PRS 15-008(b) Sample association	RE15-10-7877	15-610708	0 to 0.5	ALLH	0.00373 (U)	—	0.232	0.00845 (U)	0.00124 (U)	0.0237 (U)	0.000519 (U)
PRS 15-008(b) Sample association	RE15-10-7878	15-610708	3 to 4	QBT3	0.0151 (U)	—	-0.0238 (U)	-0.018 (U)	-0.00484 (U)	0.00116 (U)	-0.00633 (U)
PRS 15-008(b) Sample association	RE15-10-7879	15-610709	0 to 0.5	ALLH	-0.00336 (U)	—	0.0803 (U)	0.00202 (U)	-0.0027 (U)	0.0119 (U)	-0.0144 (U)
PRS 15-008(b) Sample association	RE15-10-7880	15-610709	2.8 to 3.6	QBT3	-0.0018 (U)	—	0.00966 (U)	0.0506 (U)	0.00493 (U)	0.00493 (U)	-0.0219 (U)
PRS 15-008(b) Sample association	RE15-10-7881	15-610710	0 to 0.5	ALLH	0.0258	—	0.725	0.0197 (U)	-0.000579 (U)	0.0487	-0.00531 (U)
PRS 15-008(b) Sample association	RE15-10-7882	15-610710	1 to 1.6	QBT3	-0.00657 (U)	—	0.0221 (U)	-0.0336 (U)	-0.00204 (U)	0.00607 (U)	-0.0291 (U)
PRS 15-008(b) Sample association	RE15-10-7883	15-610711	0 to 0.4	ALLH	-0.0032 (U)	—	0.0433 (U)	0.032 (U)	0.00468 (U)	-0.000249 (U)	-0.0165 (U)
PRS 15-008(b) Sample association	RE15-10-7884	15-610711	3 to 3.8	QBT3	-0.00133 (U)	—	-0.028 (U)	0.016 (U)	0.00363 (U)	-0.000701 (U)	-0.0416 (U)
PRS 15-008(b) Sample association	RE15-10-7885	15-610712	0 to 0.4	ALLH	0.0144 (U)	—	0.971	0.004 (U)	0.00267 (U)	0.056	-0.0425 (U)
PRS 15-008(b) Sample association	RE15-10-7886	15-610712	3 to 3.5	QBT3	-0.00496 (U)	0.0384 (U)	0.0162 (U)	0.00573 (U)	0 (U)	0.0041 (U)	-0.0666 (U)
PRS 15-008(b) Sample association	RE15-10-7887	15-610713	0 to 0.6	ALLH	0.00385 (U)	—	-0.00311 (U)	-0.0137 (U)	0.00279 (U)	0.00697 (U)	0.013 (U)
PRS 15-008(b) Sample association	RE15-10-7888	15-610713	3 to 4	QBT3	-0.000573 (U)	0.0658 (U)	-0.00636 (U)	-0.0349 (U)	0.00135 (U)	0 (U)	-0.034 (U)
PRS 15-008(b) Sample association	RE15-10-7889	15-610714	0 to 0.5	ALLH	0.0122 (U)	0.0686 (U)	0.121	-0.000537 (U)	0 (U)	0.023	-0.01 (U)
PRS 15-008(b) Sample association	RE15-10-7890	15-610714	2.5 to 3.5	QBT3	-0.005 (U)	—	0.0458 (U)	-0.0131 (U)	-0.00186 (U)	0.00646 (U)	-0.00333 (U)
PRS 15-008(b) Sample association	RE15-10-7891	15-610715	0 to 0.5	ALLH	0.0102 (U)	—	0.0297 (U)	-0.0391 (U)	0.00225 (U)	0.0214	-0.000873 (U)
PRS 15-008(b) Sample association	RE15-10-7892	15-610715	3 to 4	QBT3	0.00303 (U)	0.109 (U)	-0.0391 (U)	0.0164 (U)	-0.00666 (U)	-0.00266 (U)	0.0142 (U)
PRS 15-008(b) Sample association	RE15-10-7893	15-610716	0 to 0.5	SED	0.00512 (U)	—	0.236	0.0359 (U)	0.0059 (U)	0.0121 (U)	0.0135 (U)
PRS 15-008(b) Sample association	RE15-10-7894	15-610716	1 to 2	SED	-0.00102 (U)	—	0.0364 (U)	-0.0111 (U)	0.00171 (U)	0.00682 (U)	-0.0372 (U)

PRS 15-008(b) Sample association	RE15-10-7895	15-610717	0 to 0.5	SED	-0.00141 (U)	—	0.0567 (U)	0.00653 (U)	0.00497 (U)	0.00853 (U)	-0.0268 (U)
PRS 15-008(b) Sample association	RE15-10-7896	15-610717	1 to 2	QBT3	-0.00145 (U)	—	-0.0212 (U)	-0.000128 (U)	0.0028 (U)	0.00757 (U)	-0.0221 (U)
PRS 15-008(b) Sample association	RE15-10-7897	15-610718	0 to 0.5	SED	0.00392 (U)	—	0.176	0.00559 (U)	0.00786 (U)	0.0102 (U)	-0.0232 (U)
PRS 15-008(b) Sample association	RE15-10-7898	15-610718	1 to 2	SED	-0.000366 (U)	—	0.0444 (U)	0.00883 (U)	-0.00109 (U)	0.00389 (U)	-0.0023 (U)
PRS 15-008(b) Sample association	RE15-10-7899	15-610719	0 to 0.5	SED	0.0135 (U)	0.0872 (U)	0.567	0.038 (U)	0.00196 (U)	0.0341	-0.0296 (U)
PRS 15-008(b) Sample association	RE15-10-7900	15-610719	1 to 1.5	QBT3	0.00247 (U)	—	0.0139 (U)	-0.0335 (U)	-0.000327 (U)	0.0113 (U)	-0.0295 (U)
PRS 15-008(b) Sample association	RE15-10-7901	15-610720	0 to 0.5	ALLH	0.0165 (U)	-0.0194 (U)	0.673	0.00627 (U)	0.00396 (U)	0.0317	-0.0274 (U)
PRS 15-008(b) Sample association	RE15-10-7902	15-610720	1 to 2	ALLH	0.00423 (U)	—	0.183	-0.0154 (U)	0.011 (U)	0.0191	0.0153 (U)
PRS 15-008(b) Sample association	RE15-10-7903	15-610721	0 to 0.5	ALLH	0.0146 (U)	—	0.382	-0.0165 (U)	0.0144 (U)	0.012 (U)	-0.0577 (U)
PRS 15-008(b) Sample association	RE15-10-7904	15-610721	1 to 1.9	ALLH	-0.0084 (U)	—	0.018 (U)	-0.0295 (U)	0.0163 (U)	0.00349 (U)	0.0184 (U)
PRS 15-008(b) Sample association	RE15-10-7905	15-610722	0 to 0.5	ALLH	0.00947 (U)	0.0541 (U)	0.221	0.00269 (U)	0 (U)	0.0195 (U)	-0.00409 (U)
PRS 15-008(b) Sample association	RE15-10-7906	15-610722	3 to 3.8	QBT3	0.00921 (U)	0.0387 (U)	0.00333 (U)	-0.0305 (U)	0.0167 (U)	0.00781 (U)	0.0335 (U)
PRS 15-008(b) Sample association	RE15-10-7907	15-610723	0 to 0.5	ALLH	0.0169 (U)	0.104 (U)	-0.0195 (U)	0.0149 (U)	0.0072 (U)	0.0921	-0.0281 (U)
PRS 15-008(b) Sample association	RE15-10-7908	15-610723	2.9 to 3.5	QBT3	0.00759 (U)	0.0466 (U)	0.0376 (U)	0.019 (U)	0.0133 (U)	0.0097 (U)	0.0249 (U)
PRS 15-008(b) Sample association	RE15-10-7909	15-610724	0 to 0.5	ALLH	0.00963 (U)	—	—	-0.0119 (U)	0.00258 (U)	0.0426	0.00624 (U)
PRS 15-008(b) Sample association	RE15-10-7910	15-610724	3 to 3.6	QBT3	0.00497 (U)	—	0.0388 (U)	-0.0316 (U)	-0.00134 (U)	0.0241 (U)	0.0305 (U)
PRS 15-008(b) Sample association	RE15-10-7911	15-610725	0 to 0.3	ALLH	0.0611	0.0322 (U)	0.0469 (U)	0.0148 (U)	0.00603 (U)	0.268	-0.0199 (U)
PRS 15-008(b) Sample association	RE15-10-7912	15-610725	3 to 4	QBT3	0.0067 (U)	0.0861 (U)	0.0141 (U)	0.0123 (U)	0.00733 (U)	0.022 (U)	0.0291 (U)
PRS 15-008(b) Sample association	RE15-10-7913	15-610726	0 to 0.3	ALLH	0.0021 (U)	—	-0.0069 (U)	-0.00664 (U)	0.0141 (U)	0.00128 (U)	-0.0245 (U)
PRS 15-008(b) Sample association	RE15-10-7914	15-610726	2 to 3	QBT3	0.00948 (U)	0.0529 (U)	0.0235 (U)	-0.0118 (U)	-0.00113 (U)	-0.00113 (U)	-0.00706 (U)
PRS 15-008(b) Sample association	RE15-10-7915	15-610727	0 to 0.4	ALLH	0.00618 (U)	0.0571 (U)	0.106	0.0187 (U)	-0.00138 (U)	0.0331	-0.0186 (U)
PRS 15-008(b) Sample association	RE15-10-7916	15-610727	2 to 3.1	QBT3	0.00224 (U)	—	-0.0307 (U)	-0.0069 (U)	0.00374 (U)	0 (U)	0.0303 (U)
PRS 15-008(b) Sample association	RE15-10-7917	15-610728	0 to 0.6	ALLH	0.00119 (U)	0.0524 (U)	0.000343 (U)	-0.00662 (U)	0.00497 (U)	0.00994 (U)	0.0592 (U)
PRS 15-008(b) Sample association	RE15-10-7918	15-610728	1.3 to 3.6	QBT3	0.00196 (U)	—	-0.00918 (U)	0.00675 (U)	0.00257 (U)	0 (U)	-0.0424 (U)
PRS 15-008(b) Sample association	RE15-10-7919	15-610729	0 to 0.5	ALLH	0.00181 (U)	—	0.138	-0.026 (U)	0.00245 (U)	0.00979 (U)	-0.0434 (U)
PRS 15-008(b) Sample association	RE15-10-7920	15-610729	2 to 3.3	QBT3	0.00485 (U)	0.0666 (U)	0.0457 (U)	0.00257 (U)	0.0024 (U)	0.00839 (U)	-0.0228 (U)
PRS 15-008(b) Sample association	RE15-10-7921	15-610730	0 to 0.5	ALLH	0.0152 (U)	0.079 (U)	0.106 (U)	-0.00834 (U)	0.00499 (U)	0.00873 (U)	-0.0857 (U)
PRS 15-008(b) Sample association	RE15-10-7922	15-610730	2 to 3	QBT3	0.00415 (U)	0.0619 (U)	0.091	0.0151 (U)	0.00269 (U)	0.0107 (U)	-0.0136 (U)
PRS 15-008(b) Sample association	RE15-10-7923	15-610731	0 to 0.5	QBT3	0.00857 (U)	0.0571 (U)	0.125	0.0158 (U)	-0.00363 (U)	0.0191 (U)	0.0278 (U)
PRS 15-008(b) Sample association	RE15-10-7924	15-610731	2 to 3	QBT3	0.00335 (U)	0.0984 (U)	-0.0213 (U)	-0.0293 (U)	0 (U)	0.00346 (U)	0.00135 (U)
PRS 15-008(b) Sample association	RE15-10-7925	15-610732	0 to 0.5	ALLH	0.0167 (U)	0.0254 (U)	0.00979 (U)	0.00024 (U)	0.00254 (U)	0.0393	0.00376 (U)
PRS 15-008(b) Sample association	RE15-10-7926	15-610732	2 to 2.8	QBT3	0.00209 (U)	0.0594 (U)	-0.00742 (U)	0.00988 (U)	0 (U)	0.00115 (U)	-0.0468 (U)
PRS 15-008(b) Sample association	RE15-10-7927	15-610733	0 to 0.5	ALLH	0.00919 (U)	—	0.523	-0.0169 (U)	0.0137 (U)	0.0352	-0.0181 (U)
PRS 15-008(b) Sample association	RE15-10-7928	15-610733	3 to 4	QBT3	0.0168 (U)	—	0.00594 (U)	0.00777 (U)	0.0028 (U)	0.0126 (U)	-0.0217 (U)
PRS 15-008(b) Sample association	RE15-10-7929	15-610734	0 to 0.5	ALLH	0.00347 (U)	—	0.435	0.0132 (U)	0.00625 (U)	0.0333	-0.00298 (U)
PRS 15-008(b) Sample association	RE15-10-7930	15-610734	2.5 to 3.5	QBT3	0.00203 (U)	—	0.0918 (U)	-0.00333 (U)	0.00137 (U)	0.00687 (U)	0.0018 (U)
PRS 15-008(b) Sample association	RE15-10-7931	15-610735	0 to 0.5	ALLH	0.00175 (U)	0.0441 (U)	0.0326 (U)	-0.0315 (U)	-0.00106 (U)	0.00336 (U)	-0.0329 (U)
PRS 15-008(b) Sample association	RE15-10-7932	15-610735	3 to 4	QBT3	-0.00162 (U)	—	-0.0301 (U)	0.0228 (U)	-0.000774 (U)	0.000492 (U)	-0.00392 (U)
PRS 15-008(b) Sample association	RE15-10-7933	15-610736	0 to 0.5	ALLH	0.00339 (U)	0.0808 (U)	0.317	0.00478 (U)	0.00296 (U)	0.00945 (U)	-0.0161 (U)
PRS 15-008(b) Sample association	RE15-10-7934	15-610736	3 to 3.9	QBT3	0.00289 (U)	0.0665 (U)	-0.0141 (U)	-0.0267 (U)	0.00373 (U)	0.00527 (U)	0.00576 (U)
PRS 15-008(b) Sample association	RE15-10-7935	15-610737	0 to 0.3	ALLH	0.00172 (U)	—	0.0432 (U)	0.0142 (U)	-0.00123 (U)	0.0173 (U)	-0.0172 (U)
PRS 15-008(b) Sample association	RE15-10-7936	15-610737	2.9 to 4	QBT3	0.000133 (U)	0.0999 (U)	0.00503 (U)	-0.0124 (U)	0.0111 (U)	-0.00734 (U)	-0.0404 (U)
PRS 15-008(b) Sample association	RE15-10-7937	15-610738	0 to 0.5	ALLH	-0.00541 (U)	0.06 (U)	—	-0.0112 (U)	0.00244 (U)	0.0144 (U)	-0.00306 (U)
PRS 15-008(b) Sample association	RE15-10-7938	15-610738	2.9 to 3.7	QBT3	-0.00181 (U)	0.0684 (U)	-0.00714 (U)	0.00297 (U)	-0.000524 (U)	0.00183 (U)	-0.0106 (U)
PRS 15-008(b) Sample association	RE15-10-7939	15-610739	0 to 0.5	ALLH	0.00663 (U)	—	0.083	-0.00829 (U)	0.00549 (U)	0.00137 (U)	0.00468 (U)
PRS 15-008(b) Sample association	RE15-10-7940	15-610739	3 to 3.5	QBT3	0.00488 (U)	—	-0.0473 (U)	0.0271 (U)	-0.000808 (U)	0.000514 (U)	-0.00601 (U)
PRS 15-008(b) Sample association	RE15-10-7941	15-610740	0 to 0.5	ALLH	0.0163 (U)	—	0.733	0.0713 (U)	-0.00224 (U)	0.0347	-0.0125 (U)

PRS 15-008(b) Sample association	RE15-10-7942	15-610740	3 to 4	QBT3	0.0196 (U)	—	0.0157 (U)	0.0111 (U)	0.000727 (U)	0.00279 (U)	0.0243 (U)
PRS 15-008(b) Sample association	RE15-10-7943	15-610741	0 to 1	QBT3	-0.000461 (U)	0.103 (U)	-0.0263 (U)	-0.0334 (U)	0.00262 (U)	-0.000874 (U)	-0.0246 (U)
PRS 15-008(b) Sample association	RE15-10-7944	15-610741	2.9 to 3.5	QBT3	0.002 (U)	—	-0.0296 (U)	0.0327 (U)	0.0022 (U)	-0.0011 (U)	0.0217 (U)
PRS 15-008(b) Sample association	RE15-10-7945	15-610742	0 to 0.3	ALLH	0.0211	0.0536 (U)	1.69	0.000555 (U)	0.00549 (U)	0.0773	-0.0938 (U)
PRS 15-008(b) Sample association	RE15-10-7946	15-610742	2.5 to 3.5	QBT3	0.0107 (U)	0.0768 (U)	0.0001 (U)	-0.0128 (U)	0.00119 (U)	-0.00118 (U)	-0.0152 (U)
PRS 15-008(b) Sample association	RE15-10-7947	15-610743	0 to 0.5	ALLH	0.0148 (U)	—	0.842	0.0534 (U)	-0.0113 (U)	0.0474	0.0155 (U)
PRS 15-008(b) Sample association	RE15-10-7948	15-610743	3 to 3.9	QBT3	0.00961 (U)	0.0268 (U)	0.484	-0.00696 (U)	0.0086 (U)	0.0118 (U)	0.0151 (U)
PRS 15-008(b) Sample association	RE15-10-7949	15-610744	0 to 0.5	ALLH	0.0194 (U)	0.0822 (U)	0.705	0.0335 (U)	0.00573 (U)	0.0372	0.015 (U)
PRS 15-008(b) Sample association	RE15-10-7950	15-610744	1.5 to 1.7	ALLH	0.00518 (U)	—	—	-0.0112 (U)	0.00269 (U)	0.000376 (U)	-0.0246 (U)
PRS 15-008(b) Sample association	RE15-10-7951	15-610745	0 to 0.5	QBT3	-0.00182 (U)	—	0.0134 (U)	0.019 (U)	0 (U)	0.00474 (U)	-0.0209 (U)
PRS 15-008(b) Sample association	RE15-10-7952	15-610745	2.5 to 3.5	QBT3	0.000181 (U)	—	-0.0142 (U)	0.0019 (U)	0.0036 (U)	0.0024 (U)	-0.0352 (U)
PRS 15-008(b) Sample association	RE15-10-7953	15-610746	0 to 0.8	ALLH	0.00966 (U)	—	0.114	0.00823 (U)	-0.0021 (U)	0.0576	-0.0102 (U)
PRS 15-008(b) Sample association	RE15-10-7954	15-610746	3 to 3.4	QBT3	-0.000204 (U)	—	-0.0144 (U)	-0.000189 (U)	-0.00111 (U)	0.00443 (U)	0.0144 (U)
PRS 15-008(b) Sample association	RE15-10-7955	15-610747	0 to 0.5	ALLH	0.00884 (U)	—	0.18	0.00104 (U)	0.00123 (U)	0.0307	-0.00575 (U)
PRS 15-008(b) Sample association	RE15-10-7956	15-610747	3 to 3.7	QBT3	0.00181 (U)	—	0.0196 (U)	-0.0167 (U)	0.00656 (U)	0.00437 (U)	-0.0309 (U)
PRS 15-008(b) Sample association	RE15-10-7957	15-610748	0 to 1	ALLH	0.0769	0.097 (U)	0.0364 (U)	0.0225 (U)	0.00288 (U)	0.333	-0.0685 (U)
PRS 15-008(b) Sample association	RE15-10-7958	15-610748	3 to 4	ALLH	-0.0173 (U)	—	0.155	0.00655 (U)	-0.00309 (U)	0 (U)	-0.0129 (U)
PRS 15-008(b) Sample association	RE15-10-7959	15-610749	0 to 0.7	ALLH	0.0196 (U)	—	0.117	-0.0136 (U)	0.0148 (U)	0.113	-0.0461 (U)
PRS 15-008(b) Sample association	RE15-10-7960	15-610749	3 to 3.6	QBT3	0.0731	0.0577 (U)	—	0.0508 (U)	0.0153 (U)	0.303	0.0197 (U)
PRS 15-008(b) Sample association	RE15-10-7961	15-610750	0 to 0.5	ALLH	0.0159 (U)	—	—	-0.000741 (U)	-0.00273 (U)	0.0218 (U)	-0.0203 (U)
PRS 15-008(b) Sample association	RE15-10-7962	15-610750	3 to 4	QBT3	-0.00747 (U)	—	-0.0245 (U)	0.0141 (U)	0.00146 (U)	0.00499 (U)	0.0111 (U)
PRS 15-008(b) Sample association	RE15-10-7963	15-610751	0 to 0.5	ALLH	0.00205 (U)	0.0704 (U)	-0.0106 (U)	0.0379 (U)	0.00296 (U)	0.00591 (U)	-0.0358 (U)
PRS 15-008(b) Sample association	RE15-10-7964	15-610751	3 to 4	QBT3	0.00713 (U)	0.0154 (U)	-0.0241 (U)	0.0203 (U)	0.00374 (U)	0.00154 (U)	-0.0482 (U)
PRS 15-008(b) Sample association	RE15-10-7965	15-610752	0 to 0.5	ALLH	-0.00181 (U)	0.0283 (U)	0.128	0.00128 (U)	0.00397 (U)	0.0159 (U)	-0.0396 (U)
PRS 15-008(b) Sample association	RE15-10-7966	15-610752	3 to 4.2	QBT3	0.00101 (U)	—	-0.00114 (U)	0.0014 (U)	-0.0109 (U)	0.00273 (U)	0.00487 (U)
PRS 15-008(b) Sample association	RE15-10-7967	15-610753	0 to 0.5	ALLH	0.0142 (U)	0.0816 (U)	0.193	0.00112 (U)	0.0012 (U)	0.0723	-0.019 (U)
PRS 15-008(b) Sample association	RE15-10-7968	15-610753	3 to 3.5	QBT3	0.00487 (U)	—	0.0479 (U)	0.000599 (U)	-0.00123 (U)	0.0123 (U)	-0.0155 (U)
PRS 15-008(b) Sample association	RE15-10-7969	15-610754	0 to 0.5	ALLH	-0.00137 (U)	0.0781 (U)	0.105	0.0149 (U)	0.00913 (U)	0.0517	-0.000945 (U)
PRS 15-008(b) Sample association	RE15-10-7970	15-610754	3 to 3.3	ALLH	0.0204 (U)	0.0374 (U)	0.03 (U)	-0.000796 (U)	-0.0236 (U)	0 (U)	-0.027 (U)
PRS 15-008(b) Sample association	RE15-10-7971	15-610755	0 to 0.5	ALLH	0.00215 (U)	—	—	-0.00537 (U)	0.00573 (U)	-0.00287 (U)	0.0118 (U)
PRS 15-008(b) Sample association	RE15-10-7972	15-610755	3 to 3.6	QBT3	0.00737 (U)	—	-0.0405 (U)	0.00613 (U)	-0.0222 (U)	0.0127 (U)	0.0124 (U)
PRS 15-008(b) Sample association	RE15-10-7973	15-610756	0 to 0.7	ALLH	-0.0108 (U)	0.0903 (U)	0.048 (U)	0.036 (U)	-0.00493 (U)	0.00742 (U)	-0.0563 (U)
PRS 15-008(b) Sample association	RE15-10-7974	15-610756	2.7 to 3.3	QBT3	-0.00131 (U)	—	-0.0271 (U)	-0.00783 (U)	-0.00816 (U)	0.000267 (U)	0.00133 (U)
PRS 15-008(b) Sample association	RE15-10-7975	15-610757	0 to 0.3	ALLH	0.0324 (U)	0.0462 (U)	0.472	0.0255 (U)	0 (U)	0.0549	-0.0249 (U)
PRS 15-008(b) Sample association	RE15-10-7976	15-610757	3 to 3.6	QBT3	0.00000635 (U)	—	0.099	-0.00411 (U)	-0.00126 (U)	0.0151 (U)	-0.0167 (U)
PRS 15-008(b) Sample association	RE15-10-7977	15-610758	0 to 0.6	ALLH	0.00875 (U)	—	0.401	0.0121 (U)	0.00906 (U)	0.0483	-0.0107 (U)
PRS 15-008(b) Sample association	RE15-10-7978	15-610758	1 to 2	ALLH	0.0163 (U)	—	0.142	0.000858 (U)	-0.00887 (U)	0.00591 (U)	-0.0429 (U)
PRS 15-008(b) Sample association	RE15-10-7979	15-610759	0 to 0.5	ALLH	0.00723 (U)	0.0581 (U)	0.13	-0.00638 (U)	0.00613 (U)	0.0184 (U)	0.00554 (U)
PRS 15-008(b) Sample association	RE15-10-7980	15-610759	3 to 3.7	QBT3	0.00156 (U)	0.067 (U)	-0.0106 (U)	-0.0226 (U)	0 (U)	0.00626 (U)	-0.00228 (U)
PRS 15-008(b) Sample association	RE15-10-7981	15-610760	0 to 0.5	ALLH	0.00232 (U)	—	0.0737 (U)	-0.00927 (U)	0.00276 (U)	0.00138 (U)	0.0169 (U)
PRS 15-008(b) Sample association	RE15-10-7982	15-610760	3 to 3.5	QBT3	0.00247 (U)	0.0961 (U)	0.0256 (U)	0.0124 (U)	0.00169 (U)	0.00508 (U)	-0.0149 (U)
PRS 15-008(b) Sample association	RE15-10-7983	15-610761	0 to 0.5	ALLH	0.00793 (U)	—	0.0768	0.000172 (U)	-0.00097 (U)	0.00172 (U)	-0.00597 (U)
PRS 15-008(b) Sample association	RE15-10-7984	15-610761	3 to 3.7	QBT3	-0.00167 (U)	0.0733 (U)	-0.0129 (U)	0.0069 (U)	0.000372 (U)	0 (U)	-0.00743 (U)
PRS 15-008(b) Sample association	RE15-10-7985	15-610762	0 to 0.4	ALLH	0.0271	0.0548 (U)	1.96	-0.0014 (U)	0.0109 (U)	0.0789	-0.0064 (U)
PRS 15-008(b) Sample association	RE15-10-7987	15-610763	0 to 0.3	ALLH	0.0185 (U)	0.0633 (U)	0.527	-0.00562 (U)	0.00543 (U)	0.0367	0.00857 (U)
PRS 15-008(b) Sample association	RE15-10-7988	15-610763	2.5 to 3.5	QBT3	0.00189 (U)	—	-0.0123 (U)	0.00286 (U)	-0.00122 (U)	0.00122 (U)	-0.0168 (U)
PRS 15-008(b) Sample association	RE15-10-7989	15-610764	0 to 0.5	ALLH	0.0139 (U)	0.0841 (U)	0.225	-0.0137 (U)	-0.00248 (U)	0.0137 (U)	-0.0353 (U)

PRS 15-008(b) Sample association	RE15-10-7990	15-610764	3 to 4	QBT3	-0.00395 (U)	—	0.00323 (U)	-0.00677 (U)	-0.00242 (U)	0.00363 (U)	-0.00253 (U)
PRS 15-008(b) Sample association	RE15-10-7991	15-610765	0 to 0.5	ALLH	-0.0018 (U)	0.0962 (U)	0.00563 (U)	0.012 (U)	-0.00236 (U)	-0.00236 (U)	-0.0286 (U)
PRS 15-008(b) Sample association	RE15-10-7992	15-610765	3 to 4	QBT3	-0.00181 (U)	—	-0.0187 (U)	0.0015 (U)	-0.00118 (U)	-0.00118 (U)	0.0109 (U)
PRS 15-008(b) Sample association	RE15-10-7993	15-610766	0 to 0.7	ALLH	0.00707 (U)	0.079 (U)	0.374	0.00421 (U)	0.0317 (U)	0.0181 (U)	-0.0465 (U)
PRS 15-008(b) Sample association	RE15-10-7994	15-610766	1 to 2	ALLH	-0.000548 (U)	0.0962 (U)	0.0382 (U)	-0.00868 (U)	0.0117 (U)	0.0105 (U)	0.0129 (U)
PRS 15-008(b) Sample association	RE15-10-7995	15-610767	0 to 1	SED	0.0167 (U)	0.0768 (U)	0.665	-0.00842 (U)	0.0186 (U)	0.0244 (U)	-0.000352 (U)
PRS 15-008(b) Sample association	RE15-10-7996	15-610767	1 to 1.8	SED	0.00631 (U)	0.123 (U)	0.366	0.00573 (U)	0.0184 (U)	0.0102 (U)	-0.0222 (U)
PRS 15-008(b) Sample association	RE15-10-7997	15-610768	0 to 0.7	SED	0.0194 (U)	—	0.661	0.00204 (U)	0.0245 (U)	0.0529	-0.0102 (U)
PRS 15-008(b) Sample association	RE15-10-7998	15-610768	1 to 1.5	SED	0.024 (U)	0.0871 (U)	—	-0.0153 (U)	0.0171 (U)	0.0142 (U)	0.00000869 (U)
PRS 15-008(b) Sample association	RE15-10-7999	15-610769	0 to 0.7	ALLH	-0.00231 (U)	—	0.291	-0.0179 (U)	0.0177 (U)	0.0283	-0.0164 (U)
PRS 15-008(b) Sample association	RE15-10-8000	15-610769	1 to 2	ALLH	0.00212 (U)	—	-0.000778 (U)	0.0138 (U)	0.00738 (U)	0.00611 (U)	0.00768 (U)
PRS 15-008(b) Sample association	RE15-10-8001	15-610770	0 to 0.8	SED	0.0186 (U)	—	0.626	-0.0137 (U)	0.00613 (U)	0.0479	-0.0138 (U)
PRS 15-008(b) Sample association	RE15-10-8002	15-610770	1 to 2	QBT3	-0.00182 (U)	—	0.0484 (U)	0.0235 (U)	0.00319 (U)	0.00478 (U)	0.0134 (U)
PRS 15-008(b) Sample association	RE15-10-8003	15-610771	0 to 0.5	SED	0.00554 (U)	—	0.187	-0.0239 (U)	0.00332 (U)	0.0116 (U)	-0.0115 (U)
PRS 15-008(b) Sample association	RE15-10-8004	15-610771	1 to 2	ALLH	0.00137 (U)	—	0.0131 (U)	-0.0195 (U)	0.00669 (U)	0.00261 (U)	-0.0292 (U)
PRS 15-008(b) Sample association	RE15-10-8005	15-610772	0 to 0.5	ALLH	0.0146 (U)	—	0.503	0.0151 (U)	0.00666 (U)	0.0266	0.0209 (U)
PRS 15-008(b) Sample association	RE15-10-8006	15-610772	1 to 2	ALLH	-0.000892 (U)	—	-0.0292 (U)	0.0483 (U)	-0.00206 (U)	-0.00162 (U)	-0.0177 (U)
PRS 15-008(b) Sample association	RE15-10-8007	15-610773	0 to 0.8	SED	0.0187 (U)	—	0.62	0.00692 (U)	0.00301 (U)	0.0391	-0.0161 (U)
PRS 15-008(b) Sample association	RE15-10-8008	15-610773	1 to 2	ALLH	-0.00182 (U)	—	-0.013 (U)	0.0125 (U)	0.00513 (U)	0.00557 (U)	0.00257 (U)
PRS 15-008(b) Sample association	RE15-10-8009	15-610774	0 to 0.5	SED	0.0196 (U)	0.0615 (U)	0.591	-0.00735 (U)	0.0035 (U)	0.0382	0.00811 (U)
PRS 15-008(b) Sample association	RE15-10-8010	15-610774	1 to 2	QBT3	-0.00182 (U)	0.0927 (U)	0.0558 (U)	0.00213 (U)	0.00491 (U)	0.0119 (U)	0.0379 (U)
PRS 15-008(b) Sample association	RE15-10-8011	15-610775	0 to 0.5	SED	0.00638 (U)	0.0767 (U)	0.0613 (U)	0.0259 (U)	0.00338 (U)	0.00987 (U)	-0.0398 (U)
PRS 15-008(b) Sample association	RE15-10-8012	15-610775	1 to 2	QBT3	-0.00184 (U)	0.0558 (U)	-0.0139 (U)	-0.00975 (U)	0.00651 (U)	0.00337 (U)	0.0196 (U)
PRS 15-008(b) Sample association	RE15-10-8013	15-610776	0 to 0.5	SED	0.0149 (U)	0.0452 (U)	0.24	-0.0346 (U)	0.00163 (U)	0.0135 (U)	-0.0426 (U)
PRS 15-008(b) Sample association	RE15-10-8014	15-610776	1 to 2	QBT3	-0.00375 (U)	0.0773 (U)	0.0278 (U)	0.00168 (U)	0.00357 (U)	0.000438 (U)	0.0235 (U)
PRS 15-008(b) Sample association	RE15-10-8016	15-610777	0.5 to 2	ALLH	-0.00142 (U)	—	0.0049 (U)	-0.0248 (U)	0.00804 (U)	-0.00235 (U)	0.0155 (U)
PRS 15-008(b) Sample association	RE15-10-8015	15-610777	0 to 0.5	SED	0.00748 (U)	—	0.278	0.0135 (U)	0.00448 (U)	0.0123 (U)	0.0289 (U)
PRS 15-008(b) Sample association	RE15-10-8017	15-610778	0 to 0.5	SED	0.0109 (U)	0.124 (U)	0.53	0.00245 (U)	0.00627 (U)	0.0535	-0.0167 (U)
PRS 15-008(b) Sample association	RE15-10-8018	15-610778	1 to 2	SED	0.0049 (U)	—	0.0555 (U)	0.0269 (U)	0.00711 (U)	0.000929 (U)	0.013 (U)
PRS 15-008(b) Sample association	RE15-10-8019	15-610779	0 to 0.5	ALLH	0.00297 (U)	0.111 (U)	0.407	-0.0103 (U)	0.00105 (U)	0.0124 (U)	-0.0307 (U)
PRS 15-008(b) Sample association	RE15-10-8020	15-610779	1 to 2	QBT3	-0.00347 (U)	—	-0.00155 (U)	-0.0226 (U)	0.00172 (U)	0.00906 (U)	-0.00524 (U)
PRS 15-008(b) Sample association	RE15-10-8021	15-610780	0 to 0.5	ALLH	0.00416 (U)	—	0.325	0.00986 (U)	0.0091 (U)	0.0275 (U)	-0.0575 (U)
PRS 15-008(b) Sample association	RE15-10-8022	15-610780	1 to 2	QBT3	0.00285 (U)	—	-0.00895 (U)	-0.0495 (U)	0.0114 (U)	0.00058 (U)	0.00367 (U)
PRS 15-008(b) Sample association	RE15-10-8023	15-610781	0 to 0.5	ALLH	-0.00142 (U)	0.0911 (U)	0.0888 (U)	-0.0012 (U)	0.00157 (U)	0.00288 (U)	0.00433 (U)
PRS 15-008(b) Sample association	RE15-10-8024	15-610781	1 to 2	ALLH	-0.00242 (U)	0.0534 (U)	-0.0336 (U)	0.0284 (U)	-0.00134 (U)	-0.00268 (U)	-0.00971 (U)
PRS 15-008(b) Sample association	RE15-10-8025	15-610782	0 to 0.5	ALLH	0.00165 (U)	—	0.0496 (U)	-0.00284 (U)	0.00391 (U)	0.0037 (U)	-0.0402 (U)
PRS 15-008(b) Sample association	RE15-10-8026	15-610782	1 to 2	ALLH	-0.00204 (U)	0.094 (U)	-0.018 (U)	-0.00227 (U)	0.00688 (U)	0.00803 (U)	-0.0719 (U)
PRS 15-008(b) Sample association	RE15-10-8027	15-610783	0 to 0.5	ALLH	0.00942 (U)	—	0.24	-0.0044 (U)	0.0126 (U)	0.00987 (U)	0.00835 (U)
PRS 15-008(b) Sample association	RE15-10-8028	15-610783	1 to 2	ALLH	0.00471 (U)	—	-0.0117 (U)	0.00699 (U)	0.00407 (U)	0.00248 (U)	-0.0548 (U)
PRS 15-008(b) Sample association	RE15-10-8029	15-610784	0 to 0.5	ALLH	-0.000504 (U)	0.0221 (U)	0.0606 (U)	-0.0141 (U)	0.00439 (U)	0.0219 (U)	-0.00607 (U)
PRS 15-008(b) Sample association	RE15-10-8030	15-610784	1 to 2	ALLH	0.012 (U)	—	0.352	-0.00188 (U)	-0.00237 (U)	0.0143 (U)	-0.0176 (U)
PRS 15-008(b) Sample association	RE15-10-8031	15-610785	0 to 0.5	ALLH	0.0182 (U)	0.0345 (U)	0.245	0.00441 (U)	0.0132 (U)	0.0206 (U)	-0.0227 (U)
PRS 15-008(b) Sample association	RE15-10-8032	15-610785	1 to 2	ALLH	0.0039 (U)	0.0854 (U)	0.00711 (U)	0.0168 (U)	0.0144 (U)	0.009 (U)	-0.00542 (U)
PRS 15-008(g) Sample association	RE15-10-7332	15-610565	0 to 0.5	ALLH	0.000491 (U)	0.0448 (U)	0.0103 (U)	-0.0227 (U)	0.009 (U)	0.0154 (U)	-0.00506 (U)
PRS 15-008(g) Sample association	RE15-10-7333	15-610565	2 to 2.5	ALLH	-0.00181 (U)	0.0538 (U)	0.0194 (U)	-0.0248 (U)	-0.0051 (U)	0.00127 (U)	-0.00201 (U)
PRS 15-008(g) Sample association	RE15-10-7334	15-610566	0 to 0.5	ALLH	0.00441 (U)	—	0.0986	0.0173 (U)	0.00245 (U)	0.00245 (U)	-0.000205 (U)
PRS 15-008(g) Sample association	RE15-10-7335	15-610566	2 to 4	QBT3	0.00223 (U)	—	0.0279 (U)	0.0361 (U)	0.00271 (U)	0.00407 (U)	-0.00122 (U)

PRS 15-008(g) Sample association	RE15-10-7336	15-610567	0 to 0.5	ALLH	-0.00548 (U)	0.0428 (U)	0.0341 (U)	0.0106 (U)	0.00296 (U)	0 (U)	-0.00405 (U)
PRS 15-008(g) Sample association	RE15-10-7337	15-610567	2 to 3	ALLH	0.00187 (U)	0.0397 (U)	0.0147 (U)	0.0365 (U)	0.00129 (U)	0.00259 (U)	0.00049 (U)
PRS 15-008(g) Sample association	RE15-10-7338	15-610568	0 to 0.5	ALLH	0.0024 (U)	0.0527 (U)	0.13	0.00239 (U)	-0.00411 (U)	0.00548 (U)	0.00713 (U)
PRS 15-008(g) Sample association	RE15-10-7339	15-610568	2 to 3	QBT3	-0.0005 (U)	0.0678 (U)	0.00454 (U)	-0.0139 (U)	0.00358 (U)	0.00119 (U)	-0.0206 (U)
PRS 15-009(b) Sample association	RE15-10-8300	15-610829	0 to 0.3	SED	0.000643 (U)	0.0538 (U)	-0.0378 (U)	-0.0272 (U)	0 (U)	0.00997 (U)	-0.0626 (U)
PRS 15-009(b) Sample association	RE15-10-8301	15-610829	1 to 2	QBT3	0.00312 (U)	—	0.00061 (U)	-0.0153 (U)	0.00227 (U)	0.00113 (U)	0.0381 (U)
PRS 15-009(b) Sample association	RE15-10-8302	15-610830	7 to 8	FILL	-0.00363 (U)	0.106 (U)	0.099	-0.00177 (U)	0.02 (U)	0.00367 (U)	-0.029 (U)
PRS 15-009(b) Sample association	RE15-10-8303	15-610830	12 to 13	FILL	0.00041 (U)	0.0905 (U)	0.00736 (U)	-0.0458 (U)	0.00673 (U)	0.0224 (U)	-0.0362 (U)
PRS 15-009(b) Sample association	RE15-10-8305	15-610831	0 to 1	SED	0.0377	0.104 (U)	2.54	-0.0249 (U)	0.00671 (U)	0.134	-0.022 (U)
PRS 15-009(b) Sample association	RE15-10-8304	15-610831	1 to 2	SED	0.0101 (U)	—	0.301	0.0232 (U)	0.00131 (U)	0.0131 (U)	-0.0273 (U)
PRS 15-009(b) Sample association	RE15-10-8306	15-610832	0 to 1	SED	0.00392 (U)	0.0363 (U)	0.496	-0.0205 (U)	0.00349 (U)	0.0268	0.0126 (U)
PRS 15-009(b) Sample association	RE15-10-8307	15-610832	1 to 1.5	ALLH	0.00602 (U)	0.0912 (U)	0.177	0.0307 (U)	0.00242 (U)	0.00725 (U)	-0.0281 (U)
PRS 15-009(b) Sample association	RE15-10-8308	15-610833	0 to 0.5	SED	0.000696 (U)	—	0.224	0.00658 (U)	-0.00117 (U)	0.0152	-0.0303 (U)
PRS 15-009(b) Sample association	RE15-10-8309	15-610833	1 to 2	QBT3	-0.000502 (U)	—	0.0338 (U)	-0.0246 (U)	-0.00135 (U)	0.00135 (U)	-0.0354 (U)
PRS 15-009(b) Sample association	RE15-10-8310	15-610834	15 to 16	FILL	0.00206 (U)	0.108 (U)	-0.00887 (U)	0.0447 (U)	0.017 (U)	-0.00177 (U)	-0.0184 (U)
PRS 15-009(b) Sample association	RE15-10-8311	15-610834	17 to 18	QBT3	0.00176 (U)	—	-0.0121 (U)	-0.00117 (U)	0.0128 (U)	0.0107 (U)	-0.0242 (U)
PRS 15-009(b) Sample association	RE15-10-8312	15-610835	7 to 8	FILL	-0.00184 (U)	—	0.14	-0.0172 (U)	0.00771 (U)	0.00385 (U)	0.00176 (U)
PRS 15-009(b) Sample association	RE15-10-8313	15-610835	12 to 13	FILL	0.00348 (U)	—	0.0363 (U)	0.00264 (U)	0.0128 (U)	0.0111 (U)	-0.000384 (U)
PRS 15-009(b) Sample association	RE15-10-8314	15-610836	7 to 8	FILL	-0.000624 (U)	—	-0.0143 (U)	-0.00707 (U)	0.0176 (U)	-0.00344 (U)	-0.0126 (U)
PRS 15-009(b) Sample association	RE15-10-8315	15-610836	12 to 13	FILL	-0.00184 (U)	—	0.00682 (U)	-0.0138 (U)	-0.0068 (U)	-0.00139 (U)	0.00701 (U)
PRS 15-009(b) Sample association	RE15-10-8316	15-610837	47.5 to 50	QBT3	-0.00608 (U)	—	-0.0519 (U)	-0.00804 (U)	0.02 (U)	0.0194 (U)	-0.0243 (U)
PRS 15-009(b) Sample association	RE15-10-8317	15-610837	58.5 to 60	QBT3	-0.000211 (U)	0.0542 (U)	0.044 (U)	0.0159 (U)	0.000845 (U)	0.00302 (U)	0.0461 (U)
PRS 15-009(b) Sample association	RE15-10-8318	15-610837	68.5 to 70	QBT3	-0.000327 (U)	0.113 (U)	-0.024 (U)	-0.0184 (U)	0.0136 (U)	0.0144 (U)	0.00205 (U)
PRS 15-009(b) Sample association	RE15-10-8319	15-610837	78.5 to 80	QBT3	0.00125 (U)	—	-0.00198 (U)	-0.0107 (U)	0.02 (U)	0.0000775 (U)	0.0144 (U)
PRS 15-009(c) Sample association	RE15-98-0029	15-03458	0 to 0.5	ALLH	—	-0.002 (U)	0.015 (U)	0.007 (U)	—	—	0.038 (U)
PRS 15-009(c) Sample association	RE15-98-0030	15-03458	1 to 1.33	ALLH	—	-0.034 (U)	0.043 (U)	—	—	—	-0.023 (U)
PRS 15-009(c) Sample association	RE15-98-0031	15-03458	2 to 2.5	ALLH	—	-0.042 (U)	0.008 (U)	0 (U)	—	—	0.022 (U)
PRS 15-009(c) Sample association	RE15-98-0032	15-03459	0 to 0.5	ALLH	—	0.015 (U)	0.038 (U)	0.062 (U)	—	—	-0.045 (U)
PRS 15-009(c) Sample association	RE15-98-0033	15-03459	1.17 to 1.67	ALLH	—	0.034 (U)	0.051 (U)	0.002 (U)	—	—	-0.007 (U)
PRS 15-009(c) Sample association	RE15-98-0034	15-03459	2.33 to 2.83	ALLH	—	0.041 (U)	0.022 (U)	0.013 (U)	—	—	-0.018 (U)
PRS 15-009(c) Sample association	RE15-98-0035	15-03460	0 to 0.5	ALLH	—	0.015 (U)	0.01 (U)	-0.059 (U)	—	—	-0.015 (U)
PRS 15-009(c) Sample association	RE15-98-0036	15-03460	1.33 to 1.83	ALLH	—	0.011 (U)	0.039 (U)	0.012 (U)	—	—	-0.038 (U)
PRS 15-009(c) Sample association	RE15-98-0037	15-03471	0 to 0.5	ALLH	—	-0.012 (U)	0.044 (U)	-0.024 (U)	—	—	-0.015 (U)
PRS 15-009(c) Sample association	RE15-10-8336	15-610838	0 to 0.5	SED	-0.00181 (U)	—	-0.00719 (U)	0.0108 (U)	0.0131 (U)	-0.00262 (U)	0.00924 (U)
PRS 15-009(c) Sample association	RE15-10-8337	15-610838	1 to 1.5	QBT3	-0.00179 (U)	0.0846 (U)	0.0386 (U)	0.00462 (U)	0.0304 (U)	0.00241 (U)	-0.0214 (U)
PRS 15-009(c) Sample association	RE15-10-8338	15-610839	0 to 0.8	QBT3	-0.00659 (U)	0.0529 (U)	0.0519 (U)	-0.00978 (U)	0.0178 (U)	0.00821 (U)	0.0286 (U)
PRS 15-009(c) Sample association	RE15-10-8339	15-610839	1 to 2.5	QBT3	-0.000436 (U)	0.0579 (U)	0.086 (U)	-0.0212 (U)	0.00976 (U)	0.00239 (U)	-0.0181 (U)
PRS 15-009(c) Sample association	RE15-10-8340	15-610840	0 to 1	SED	-0.00192 (U)	0.0688 (U)	0.00604 (U)	-0.0276 (U)	0.015 (U)	0.0025 (U)	-0.0192 (U)
PRS 15-009(c) Sample association	RE15-10-8341	15-610840	1 to 1.5	QBT3	-0.00574 (U)	—	-0.0236 (U)	-0.0253 (U)	0.0146 (U)	0.00486 (U)	-0.108 (U)
PRS 15-009(c) Sample association	RE15-10-8342	15-610841	3 to 3.5	FILL	0.00236 (U)	—	-0.000757 (U)	0.00663 (U)	0.00773 (U)	0.00773 (U)	-0.0278 (U)
PRS 15-009(c) Sample association	RE15-10-8343	15-610841	8 to 8.5	FILL	0.000796 (U)	0.116 (U)	-0.0122 (U)	0.00569 (U)	0.00718 (U)	0.00861 (U)	-0.0151 (U)
PRS 15-009(c) Sample association	RE15-10-8345	15-610842	2 to 2.5	FILL	0.00034 (U)	—	-0.00957 (U)	-0.00392 (U)	0.0106 (U)	0.00202 (U)	-0.0346 (U)
PRS 15-009(c) Sample association	RE15-10-8344	15-610842	7 to 7.5	FILL	0.0029 (U)	—	-0.0105 (U)	0.0187 (U)	0.0134 (U)	0.00597 (U)	-0.0023 (U)
PRS 15-009(c) Sample association	RE15-10-8346	15-610843	10.5 to 11	FILL	0.000439 (U)	—	0.0387 (U)	0.0214 (U)	0.00417 (U)	0.00973 (U)	0.00327 (U)
PRS 15-009(c) Sample association	RE15-10-8347	15-610843	15.5 to 16	QBT3	-0.00395 (U)	0.0248 (U)	-0.0331 (U)	0.0343 (U)	0.00626 (U)	0.00938 (U)	0.0164 (U)
PRS 15-009(c) Sample association	RE15-10-8348	15-610844	3 to 4	FILL	0.00155 (U)	0.0968 (U)	-0.00652 (U)	0.0116 (U)	0.0047 (U)	0.00397 (U)	0.0094 (U)
PRS 15-009(c) Sample association	RE15-10-8349	15-610844	8 to 9	QBT3	-0.000275 (U)	—	0.00361 (U)	0.0165 (U)	0.0205 (U)	0.0148 (U)	0.00545 (U)

PRS 15-009(c) Sample association	RE15-10-8350	15-610845	0 to 0.7	QBT3	-0.00179 (U)	—	0.0333 (U)	-0.00358 (U)	0.013 (U)	0.013 (U)	-0.0142 (U)
PRS 15-009(c) Sample association	RE15-10-8351	15-610845	1 to 1.2	QBT3	-0.00322 (U)	0.0302 (U)	—	0.0451 (U)	0.00516 (U)	0.00645 (U)	-0.0421 (U)
PRS 15-009(c) Sample association	RE15-10-8352	15-610846	0 to 0.5	QBT3	0.00593 (U)	0.0966 (U)	0.0268 (U)	-0.0151 (U)	0.019 (U)	0.00476 (U)	-0.00293 (U)
PRS 15-009(c) Sample association	RE15-10-8353	15-610846	1 to 2	QBT3	-0.00182 (U)	0.0786 (U)	0.0165 (U)	-0.0433 (U)	0.0113 (U)	0.00808 (U)	-0.00922 (U)
PRS 15-009(c) Sample association	RE15-10-8354	15-610847	0 to 0.7	SED	0.00253 (U)	0.0863 (U)	0.0857 (U)	0.00112 (U)	0.00948 (U)	0.0169 (U)	0.00713 (U)
PRS 15-009(c) Sample association	RE15-10-8355	15-610847	1 to 2	QBT3	0.00193 (U)	—	0.0205 (U)	-0.0181 (U)	0.0161 (U)	0.021 (U)	0.00933 (U)
PRS 15-009(c) Sample association	RE15-10-8356	15-610848	0 to 0.8	ALLH	-0.00325 (U)	—	0.0441 (U)	-0.011 (U)	0.00231 (U)	0.0262 (U)	-0.035 (U)
PRS 15-009(c) Sample association	RE15-10-8357	15-610848	1 to 2	QBT3	-0.00179 (U)	—	0.0634 (U)	0.0016 (U)	0.0152 (U)	0.0114 (U)	0.00567 (U)
PRS 15-009(c) Sample association	RE15-10-8358	15-610849	0 to 0.8	SED	0.00265 (U)	0.0722 (U)	0.0768 (U)	-0.00136 (U)	0.0172 (U)	0.00641 (U)	-0.00213 (U)
PRS 15-009(c) Sample association	RE15-10-8359	15-610849	1 to 2	ALLH	0.00987 (U)	0.0682 (U)	—	0.00413 (U)	0.0158 (U)	0.0115 (U)	0.0291 (U)
PRS 15-009(c) Sample association	RE15-10-8360	15-610850	0 to 0.9	SED	0.00243 (U)	—	0.0549 (U)	0.0119 (U)	0.0142 (U)	0.00828 (U)	0.00259 (U)
PRS 15-009(c) Sample association	RE15-10-8361	15-610850	1 to 2	SED	-0.00333 (U)	—	0.238	-0.0286 (U)	0.0186 (U)	0.0252 (U)	-0.041 (U)
PRS 15-009(c) Sample association	RE15-10-8362	15-610851	0 to 0.7	SED	0.00273 (U)	0.0347 (U)	0.0832	-0.0248 (U)	0.0184 (U)	0.0113 (U)	-0.0022 (U)
PRS 15-009(c) Sample association	RE15-10-8363	15-610851	1 to 2	ALLH	0.00638 (U)	0.0507 (U)	0.044 (U)	0.0478 (U)	-0.000983 (U)	0.0013 (U)	-0.0392 (U)
PRS 15-009(c) Sample association	RE15-10-8364	15-610852	0 to 0.5	SED	0.00118 (U)	—	0.167	-0.00748 (U)	0.00969 (U)	0.00549 (U)	-0.0131 (U)
PRS 15-009(c) Sample association	RE15-10-8365	15-610852	1 to 1.7	SED	-0.000368 (U)	0.0789 (U)	0.0523 (U)	-0.00838 (U)	0.0116 (U)	0.0232 (U)	0.00201 (U)
PRS 15-009(c) Sample association	RE15-10-8366	15-610853	0 to 0.5	SED	0.00871 (U)	—	0.196	0.0152 (U)	0.00731 (U)	0.0036 (U)	0.00109 (U)
PRS 15-009(c) Sample association	RE15-10-8367	15-610853	1 to 1.5	SED	0.000973 (U)	—	0.0812	-0.0041 (U)	0.0168 (U)	0.00127 (U)	-0.0442 (U)
PRS 15-009(c) Sample association	RE15-10-8368	15-610854	0 to 0.5	SED	0.0109 (U)	—	0.118	0.0173 (U)	0.00111 (U)	0.0045 (U)	-0.0164 (U)
PRS 15-009(h) Sample association	RE15-10-8386	15-610855	6 to 7.5	FILL	-0.0000423 (U)	0.0715 (U)	-0.0248 (U)	0.00764 (U)	0.0111 (U)	0.0108 (U)	-0.0198 (U)
PRS 15-009(h) Sample association	RE15-10-8387	15-610855	8.4 to 9.2	QBT3	0.00155 (U)	0.017 (U)	-0.00218 (U)	0.00954 (U)	-0.0000873 (U)	-0.0000873 (U)	-0.0138 (U)
PRS 15-009(h) Sample association	RE15-10-8388	15-610856	6 to 7	FILL	0.00286 (U)	0.0684 (U)	0.0758 (U)	0.00656 (U)	0.00536 (U)	-0.000571 (U)	-0.0156 (U)
PRS 15-009(h) Sample association	RE15-10-8389	15-610856	11 to 13	FILL	-0.000289 (U)	—	-0.0159 (U)	-0.00191 (U)	0.00433 (U)	0.000946 (U)	-0.0323 (U)
PRS 15-009(h) Sample association	RE15-10-8390	15-610857	6.5 to 8	FILL	0.00266 (U)	0.0803 (U)	0.0535 (U)	-0.00266 (U)	0.00653 (U)	0.0158 (U)	-0.0571 (U)
PRS 15-009(h) Sample association	RE15-10-8391	15-610857	11.5 to 13	FILL	0.00685 (U)	0.0619 (U)	0.0913 (U)	0.0123 (U)	0.00158 (U)	0.00754 (U)	-0.0306 (U)
PRS 15-009(h) Sample association	RE15-10-8392	15-610858	5.7 to 6.5	FILL	0.00349 (U)	0.0329 (U)	-0.0255 (U)	0.0179 (U)	0.00263 (U)	0.006 (U)	0.0332 (U)
PRS 15-009(h) Sample association	RE15-10-8393	15-610858	6.6 to 8.1	QBT3	-0.000214 (U)	0.0886 (U)	-0.0513 (U)	-0.0161 (U)	0.0155 (U)	0.00262 (U)	0.029 (U)
PRS 15-009(h) Sample association	RE15-10-8394	15-610859	4.8 to 6	ALLH	-0.003 (U)	0.0344 (U)	-0.0315 (U)	-0.014 (U)	0.0177 (U)	-0.00246 (U)	-0.0433 (U)
PRS 15-009(h) Sample association	RE15-10-8395	15-610859	6 to 7.1	QBT3	0.000696 (U)	0.0382 (U)	0.0515 (U)	-0.0226 (U)	0.0211 (U)	-0.00185 (U)	0.0408 (U)
PRS 15-009(h) Sample association	RE15-10-8396	15-610860	4.8 to 7	FILL	-0.00606 (U)	0.0637 (U)	-0.0236 (U)	-0.00561 (U)	0.00439 (U)	-0.00132 (U)	0.0143 (U)
PRS 15-009(h) Sample association	RE15-10-8397	15-610860	7 to 7.3	FILL	0.00138 (U)	—	0.0207 (U)	0.000323 (U)	0.0134 (U)	0.00383 (U)	0.00131 (U)
PRS 15-009(h) Sample association	RE15-10-8398	15-610861	4.8 to 6.1	FILL	0.0152 (U)	—	-0.0057 (U)	0.0252 (U)	0.0188 (U)	0.00281 (U)	-0.0119 (U)
PRS 15-009(h) Sample association	RE15-10-8399	15-610861	6.1 to 7	FILL	0.00278 (U)	0.0571 (U)	—	-0.000801 (U)	0.0044 (U)	0.0286	0.00228 (U)
PRS 15-010(b) Sample association	RE15-10-8410	15-610863	0 to 0.5	SED	0.0343	0.0644 (U)	2.34	-0.0167 (U)	0.00295 (U)	0.121	0.0124 (U)
PRS 15-010(b) Sample association	RE15-10-8411	15-610863	1 to 2	SED	-0.000592 (U)	0.0686 (U)	0.119	-0.00763 (U)	0 (U)	0.0181	-0.0147 (U)
PRS 15-010(b) Sample association	RE15-10-8412	15-610864	0 to 0.5	SED	-0.00181 (U)	—	0.424	-0.0115 (U)	0.000895 (U)	0.0134 (U)	-0.0366 (U)
PRS 15-010(b) Sample association	RE15-10-8413	15-610864	1 to 2	SED	0.0137 (U)	0.0885 (U)	0.778	-0.0119 (U)	0.00593 (U)	0.0326	-0.0193 (U)
PRS 15-010(b) Sample association	RE15-10-8416	15-610866	0 to 0.7	SED	-0.000233 (U)	—	0.172	0.00147 (U)	0.000932 (U)	0.00466 (U)	-0.035 (U)
PRS 15-010(b) Sample association	RE15-10-8417	15-610866	1 to 1.7	SED	0.00171 (U)	0.0648 (U)	-0.00587 (U)	-0.0439 (U)	0 (U)	0.00293 (U)	-0.0183 (U)
PRS 15-010(b) Sample association	RE15-10-8418	15-610867	0 to 0.8	SED	0.0022 (U)	—	0.0717	-0.0318 (U)	-0.00398 (U)	0.00497 (U)	-0.0259 (U)
PRS 15-010(b) Sample association	RE15-10-8420	15-610868	0 to 0.6	SED	0.00632 (U)	—	0.242	0.00193 (U)	0.00537 (U)	0.0174 (U)	-0.0251 (U)
PRS 15-010(b) Sample association	RE15-10-8421	15-610868	1 to 2	SED	-0.000499 (U)	—	0.012 (U)	-0.0324 (U)	0.0025 (U)	0 (U)	-0.039 (U)
PRS 15-010(b) Sample association	RE15-10-8422	15-610869	0 to 0.6	SED	0.00717 (U)	—	0.706	-0.0163 (U)	0.00318 (U)	0.0297	0.000652 (U)
PRS 15-010(b) Sample association	RE15-10-8423	15-610869	1 to 2	SED	0.000546 (U)	—	0.265	0.0016 (U)	0.00397 (U)	0.0139 (U)	0.0241 (U)
PRS 15-010(b) Sample association	RE15-10-8424	15-610870	0 to 0.7	SED	-0.000517 (U)	—	0.132	-0.0102 (U)	0.00094 (U)	0.00658 (U)	-0.0234 (U)
PRS 15-010(b) Sample association	RE15-10-8425	15-610870	1 to 1.6	SED	0.00544 (U)	—	0.0659 (U)	-0.0368 (U)	-0.000992 (U)	0.00496 (U)	-0.0147 (U)
PRS 15-010(b) Sample association	RE15-10-8426	15-610871	0 to 0.5	SED	0.0113 (U)	—	0.173	0.0103 (U)	0 (U)	0.00729 (U)	0.0198 (U)



PRS 15-010(b) Sample association	RE15-10-8427	15-610871	1 to 2	QBT3	0.000557 (U)	—	-0.0134 (U)	0.000571 (U)	0.00118 (U)	0.00238 (U)	-0.0322 (U)
PRS 15-010(b) Sample association	RE15-10-8428	15-610872	0 to 0.5	SED	0.0282	0.0784 (U)	0.983	0.0169 (U)	0.006 (U)	0.0372	-0.017 (U)
PRS 15-010(b) Sample association	RE15-10-8429	15-610872	1 to 1.8	QBT3	0.00201 (U)	—	0.053 (U)	0.015 (U)	0.00248 (U)	0.00744 (U)	-0.016 (U)
PRS 15-014(h) Sample association	RE15-10-7160	15-610501	0 to 0.5	SED	0.00157 (U)	—	0.105 (U)	-0.00963 (U)	-0.00105 (U)	0.00836 (U)	-0.0406 (U)
PRS 15-014(h) Sample association	RE15-10-7161	15-610501	1 to 2.2	SED	-0.00616 (U)	0.113 (U)	-0.00199 (U)	-0.00255 (U)	-0.001 (U)	0.001 (U)	-0.0256 (U)
PRS 15-014(h) Sample association	RE15-10-7162	15-610502	0 to 0.5	SED	0.000539 (U)	—	0.426	-0.000672 (U)	0 (U)	0.0162 (U)	0.0268 (U)
PRS 15-014(h) Sample association	RE15-10-7163	15-610502	1 to 2.5	QBT3	0.00256 (U)	0.018 (U)	0.0493 (U)	0.0096 (U)	-0.00483 (U)	-0.00868 (U)	0.0316 (U)
PRS 15-014(h) Sample association	RE15-10-7164	15-610503	2 to 3.9	ALLH	0.0021 (U)	0.0328 (U)	0.0188 (U)	0.021 (U)	-0.0011 (U)	0.0011 (U)	0.00585 (U)
PRS 15-014(h) Sample association	RE15-10-7165	15-610503	7 to 8.8	ALLH	0.000967 (U)	—	0.00869 (U)	-0.00612 (U)	0.00483 (U)	0 (U)	0.0107 (U)
PRS 15-014(h) Sample association	RE15-10-7166	15-610504	0 to 1	SED	0.00269 (U)	0.0367 (U)	0.142	-0.0387 (U)	0.00107 (U)	0.00639 (U)	-0.024 (U)
PRS 15-014(h) Sample association	RE15-10-7167	15-610504	1 to 2.2	SED	0.00192 (U)	—	-0.00983 (U)	-0.0153 (U)	0.00222 (U)	0.00111 (U)	0.0101 (U)
PRS 15-014(h) Sample association	RE15-10-7168	15-610505	0 to 0.5	SED	0.006 (U)	—	0.681	-0.000955 (U)	0.0042 (U)	0.0252	-0.0411 (U)
PRS 15-014(h) Sample association	RE15-10-7169	15-610505	1 to 2.1	QBT3	0.000694 (U)	0.0197 (U)	-0.00708 (U)	0.015 (U)	0.00113 (U)	0.00225 (U)	-0.00252 (U)
PRS 15-014(h) Sample association	RE15-10-7170	15-610506	0 to 0.7	SED	0.0149 (U)	—	0.648	0.00631 (U)	0.00769 (U)	0.0436	-0.021 (U)
PRS 15-014(h) Sample association	RE15-10-7171	15-610506	1 to 2.1	ALLH	-0.000661 (U)	—	-0.00687 (U)	0.0193 (U)	0 (U)	0.0025 (U)	-0.00255 (U)
PRS 15-014(h) Sample association	RE15-10-7172	15-610507	0 to 0.7	ALLH	0.013 (U)	0.0791 (U)	1.03	-0.00854 (U)	0 (U)	0.0622	-0.0139 (U)
PRS 15-014(h) Sample association	RE15-10-7173	15-610507	1 to 2.6	ALLH	0.00165 (U)	—	0.00865 (U)	0.0412 (U)	-0.00212 (U)	0.00106 (U)	-0.0226 (U)
PRS 15-014(h) Sample association	RE15-10-7174	15-610508	0 to 1	ALLH	0.00586 (U)	—	0.539	0.0078 (U)	-0.00122 (U)	0.0317	0.0119 (U)
PRS 15-014(h) Sample association	RE15-10-7175	15-610508	1 to 2	QBT3	-0.000703 (U)	—	0.00524 (U)	0.0512 (U)	0 (U)	0 (U)	0.0079 (U)
PRS 15-014(h) Sample association	RE15-10-7176	15-610509	0 to 0.6	ALLH	0.0069 (U)	—	0.535	-0.0302 (U)	0.00443 (U)	0.0177	0.0161 (U)
PRS 15-014(h) Sample association	RE15-10-7177	15-610509	1 to 2	ALLH	0.00665 (U)	0.0832 (U)	0.339	-0.0138 (U)	0.00714 (U)	0.0194	0.0124 (U)
PRS 15-014(h) Sample association	RE15-10-7178	15-610510	0 to 0.5	SED	0.0145 (U)	—	0.6	-0.0118 (U)	0 (U)	0.0334	-0.0216 (U)
PRS 15-014(h) Sample association	RE15-10-7179	15-610510	1 to 2	ALLH	0.00542 (U)	—	0.45	-0.0242 (U)	0 (U)	0.0122 (U)	0.0201 (U)
PRS 15-014(h) Sample association	RE15-10-7180	15-610511	0 to 1	SED	0.00486 (U)	0.109 (U)	0.0647 (U)	-0.0195 (U)	0.0599	0.00489 (U)	-0.0068 (U)
PRS 15-014(h) Sample association	RE15-10-7181	15-610511	1 to 1.9	ALLH	0.00294 (U)	0.0674 (U)	-0.0233 (U)	-0.0156 (U)	0.00232 (U)	0.00232 (U)	0.016 (U)
PRS 15-014(h) Sample association	RE15-10-7182	15-610512	0 to 0.6	SED	0.00336 (U)	—	0.238	-0.0127 (U)	0.00328 (U)	0.0142	-0.0449 (U)
PRS 15-014(h) Sample association	RE15-10-7183	15-610512	1 to 1.8	QBT3	0.000543 (U)	—	0.0578 (U)	-0.0298 (U)	0 (U)	0.00417 (U)	-0.0219 (U)
PRS 15-014(h) Sample association	RE15-10-7184	15-610513	0 to 0.7	SED	0.00968 (U)	0.0779 (U)	0.329	-0.0114 (U)	0.001 (U)	0.008 (U)	0.000974 (U)
PRS 15-014(h) Sample association	RE15-10-7185	15-610513	1 to 2	ALLH	0.00198 (U)	0.075 (U)	0.288	-0.0289 (U)	0.00103 (U)	0.0176 (U)	0.0171 (U)
PRS 15-014(h) Sample association	RE15-10-7186	15-610514	0 to 0.5	SED	0.0108 (U)	—	0.152	0.0187 (U)	0.00199 (U)	0.00798 (U)	-0.044 (U)
PRS 15-014(h) Sample association	RE15-10-7187	15-610514	1 to 2	ALLH	0.011 (U)	0.0299 (U)	0.334	0.0394 (U)	0.00323 (U)	0.0145 (U)	-0.00798 (U)
PRS 15-014(h) Sample association	RE15-10-7188	15-610515	0 to 0.8	SED	0.00364 (U)	0.0834 (U)	0.43	-0.0247 (U)	0.00197 (U)	0.0158 (U)	-0.0115 (U)
PRS 15-014(h) Sample association	RE15-10-7189	15-610515	1 to 2.2	ALLH	0.00519 (U)	0.0309 (U)	0.13	0.0327 (U)	0.007 (U)	0.01 (U)	0.0189 (U)
PRS 15-014(h) Sample association	RE15-10-7190	15-610516	0 to 0.7	SED	0.0101 (U)	—	0.462	-0.0168 (U)	0.00469 (U)	0.0246	-0.0251 (U)
PRS 15-014(h) Sample association	RE15-10-7191	15-610516	1 to 2	SED	-0.00181 (U)	—	0.0443 (U)	-0.015 (U)	0.000989 (U)	0 (U)	0.00794 (U)
PRS 15-014(h) Sample association	RE15-10-7192	15-610517	0 to 0.5	SED	0.00205 (U)	0.0741 (U)	0.191	0.00269 (U)	-0.000937 (U)	0.0122 (U)	0.034 (U)
PRS 15-014(h) Sample association	RE15-10-7193	15-610517	1 to 2	SED	0.00677 (U)	0.0746 (U)	0.0666 (U)	0.026 (U)	0.00198 (U)	0.00791 (U)	0.0199 (U)
PRS 15-014(h) Sample association	RE15-10-7194	15-610518	0 to 1	SED	0.00186 (U)	0.0616 (U)	0.204	0.0454 (U)	0.00188 (U)	0.0103 (U)	0.00777 (U)
PRS 15-014(h) Sample association	RE15-10-7195	15-610518	1 to 2	ALLH	0.000465 (U)	0.0789 (U)	-0.0147 (U)	-0.0345 (U)	0.00196 (U)	0.00098 (U)	-0.0452 (U)
PRS 15-014(h) Sample association	RE15-10-7196	15-610519	0 to 0.5	SED	0.0105 (U)	—	0.795	0.00698 (U)	0 (U)	0.0375	-0.0804 (U)
PRS 15-014(h) Sample association	RE15-10-7197	15-610519	1 to 2	SED	-0.00451 (U)	0.0713 (U)	—	0.00999 (U)	0.00202 (U)	0.00404 (U)	-0.0102 (U)
PRS 15-014(h) Sample association	RE15-10-7198	15-610520	0 to 0.5	SED	0.0181 (U)	0.0695 (U)	1.53	-0.0000255 (U)	0.00329 (U)	0.0516	-0.0449 (U)
PRS 15-014(h) Sample association	RE15-10-7199	15-610520	1 to 2.4	ALLH	-0.00315 (U)	0.067 (U)	0.0147 (U)	-0.0321 (U)	-0.0032 (U)	0.00213 (U)	-0.012 (U)
PRS 15-014(h) Sample association	RE15-10-7200	15-610521	0 to 0.5	SED	0.00273 (U)	—	0.364	0.00834 (U)	0.0000000000822 (U)	0.0221 (U)	-0.0184 (U)
PRS 15-014(h) Sample association	RE15-10-7201	15-610521	2 to 3.7	ALLH	0.00213 (U)	0.0797 (U)	-0.0337 (U)	0.00118 (U)	0 (U)	-0.00398 (U)	0.0201 (U)
PRS 15-014(h) Sample association	RE15-10-7202	15-610522	2 to 3.9	ALLH	0.00538 (U)	0.0753 (U)	-0.027 (U)	-0.0311 (U)	0.00224 (U)	0.00112 (U)	-0.0605 (U)
PRS 15-014(h) Sample association	RE15-10-7203	15-610522	6 to 6.7	ALLH	0.0015 (U)	—	0.00673 (U)	-0.0601 (U)	0.00368 (U)	-0.00123 (U)	0.00112 (U)

PRS 15-014(h) Sample association	RE15-10-7204	15-610523	0 to 0.5	SED	0.0106 (U)	0.0572 (U)	0.366	0.0196 (U)	-0.00215 (U)	0.0215	-0.0167 (U)
PRS 15-014(h) Sample association	RE15-10-7205	15-610523	1 to 1.5	ALLH	0.0124 (U)	0.0567 (U)	0.514	0.00248 (U)	0.00215 (U)	0.029	0.00618 (U)
PRS 15-014(h) Sample association	RE15-10-7206	15-610524	0 to 0.7	SED	0.00656 (U)	—	0.0515 (U)	-0.00838 (U)	0.00124 (U)	0.00371 (U)	0.0151 (U)
PRS 15-014(h) Sample association	RE15-10-7207	15-610524	1 to 2.1	QBT3	0.000776 (U)	0.0715 (U)	-0.00394 (U)	0.00568 (U)	0.00238 (U)	0.00356 (U)	-0.0251 (U)
PRS 15-014(h) Sample association	RE15-10-7208	15-610525	0 to 0.5	SED	-0.0031 (U)	0.0787 (U)	-0.0227 (U)	0.00224 (U)	-0.00143 (U)	0.00287 (U)	-0.0155 (U)
PRS 15-014(h) Sample association	RE15-10-7209	15-610525	1 to 1.4	SED	-0.00182 (U)	—	0.0167 (U)	0.0106 (U)	0.00119 (U)	0 (U)	-0.0459 (U)
PRS 15-014(h) Sample association	RE15-10-7210	15-610526	2 to 2.9	ALLH	-0.00182 (U)	0.0693 (U)	-0.0161 (U)	0.0192 (U)	0.00238 (U)	0.00238 (U)	-0.0019 (U)
PRS 15-014(h) Sample association	RE15-10-7211	15-610526	6 to 6.7	QBT3	0.00808 (U)	—	0.0149 (U)	0.043 (U)	-0.00109 (U)	0.00218 (U)	-0.0183 (U)

Tritium	Uranium-234	Uranium-235/236	Uranium-238
—	2.59	0.2	2.29
0.093	2.59	0.2	2.29
—	1.98	0.09	1.93
—	3.12	0.14	3.05
—	4	0.18	3.9
—	1.32	0.0867 (U)	1.47
—	1.03	0.051 (U)	0.986
—	1.46	0.0677 (U)	1.55
—	1.05	0.0599 (U)	1.13
—	1.26	0.0812	1.48
—	0.986	0.0691 (U)	0.986
—	1.32	0.0575 (U)	1.32
—	1.05	0.129	1.05
—	1.63	0.106	1.87
—	1.18	0.0629 (U)	1.33
—	1.34	0.105	1.42
—	1.06	0.0669	1.04
—	1.63	0.154	1.78
—	1.31	0.0904	1.14
—	1.47	0.123	1.55
—	1.11	0.106	1.11
—	1.66	0.0911	1.89
—	1.1	0.0662 (U)	1.2
—	1.2	0.0793 (U)	1.32
—	0.941	0.0465 (U)	0.805
—	1.54	0.103	1.55
—	0.441	0.0458 (U)	0.352
—	1.98	0.107	2.32
—	0.843	0.0493 (U)	0.877
—	1.82	0.132	2.02
—	1.12	0.0852	1.15
—	0.593	0.0277 (U)	0.743
—	0.502	0.0572 (U)	0.57
—	2.65	0.161	3.64
—	0.391	0.00678 (U)	0.326
—	2.5	0.153	2.9
—	0.862	0.0487 (U)	0.742
—	2.24	0.205	3.05
—	0.739	0.0481 (U)	0.771
—	2.58	0.116	2.91

—	0.588	0.0551 (U)	0.616
—	2.86	0.22	3.68
—	0.58	0.0274 (U)	0.565
—	1.14	0.0708	1.6
—	1.2	0.0714	2.67
—	1.91	0.0915	2.44
—	0.679	0.0202 (U)	0.868
—	1.03	0.0764	1.25
—	0.608	0.0352 (U)	0.747
—	1.15	0.0832	1.43
—	1.34	0.0769	1.57
—	0.891 (J-)	0.0487 (UJ)	0.828 (J-)
—	1.64	0.129	1.85
—	1.26 (J-)	0.0886 (J-)	1.36 (J-)
—	1.24	0.0858	1.39
—	1.27	0.0987	1.43
—	1.08	0.103	1.14
—	1.5	0.0987	1.82
—	1.2	0.0776	1.34
—	1.66	0.0944	1.85
—	1.08	0.0314 (U)	1.15
—	1.3	0.0884	1.46
—	1.16	0.0897	1.01
—	1.94	0.127	2.07
—	0.862 (J-)	0.0664 (J-)	1.07 (J-)
—	1.8	0.1	2.21
—	0.825 (J-)	0.071 (J-)	0.89 (J-)
—	2.21	0.132	2.58
—	1.08	0.044 (U)	1.04
—	1.48	0.0625 (U)	1.57
—	1.07	0.0766	1.05
—	4.15	0.2	4.47
—	1.05	0.0615 (U)	1.17
—	1.46	0.0553 (U)	1.43
—	0.712	0.036 (U)	0.795
—	2.52	0.0967	2.97
—	1.13	0.0613 (U)	1.26
—	1.99	0.11	2.33
—	1.02	0.0365 (U)	1.15
—	1.19	0.102	1.31
—	0.854	0.0581	1.09
—	1.64 (J-)	0.111 (J-)	2.02 (J-)
—	0.871	0.023 (U)	0.905
—	1.37	0.0512 (U)	1.59
—	1.1	0.0475 (U)	1.01
—	0.637	0.0241 (U)	0.683
—	1.06	0.0726	1.22

—	1.29	0.0753 (U)	1.79
—	0.705	0.0302 (U)	0.709
—	1	0.0647 (U)	1.43
—	0.917	0.0438 (U)	0.906
—	0.883	0.0622 (U)	0.923
—	0.983	0.0642 (U)	1.06
—	1.11	0.0694 (U)	1.81
—	0.748	0.0479 (U)	0.888
—	1.54	0.112	2.31
—	0.783	0.0808	0.867
—	1.38	0.118	2.41
—	0.846	0.0483 (U)	0.926
—	1.33	0.0389 (U)	1.98
—	0.728	0.0622 (U)	0.796
—	0.948	0.059 (U)	0.996
—	0.809	0.0834	0.776
—	1.84	0.128	3.18
—	0.969	0.0787 (U)	0.991
—	0.859	0.0646 (U)	1.06
—	0.883	0.0767	0.887
—	1.22 (J+)	0.0918 (U)	1.88 (J+)
—	0.905	0.108	0.988
—	1.99	0.176	2.96
—	0.928	0.082	0.998
—	1.58	0.159	2.57
—	1.32	0.105	1.16
—	2.16	0.161	3.1
—	1.87	0.124	4.54
—	1.11	0.0819	1.61
—	1.21	0.0976	1.54
—	3.81	0.253	6.81
—	1.22	0.0426 (U)	1.59
—	0.913	0.0585 (U)	0.788
—	0.802	0.0554 (U)	0.856
—	1.17	0.0597 (U)	1.14
—	0.694	0.0357 (U)	0.755
—	0.768	0.04 (U)	0.836
—	0.692	0.0705 (U)	1.23
—	0.594	0.101 (U)	0.682
—	0.825	0.023 (U)	1.34
—	0.795	0.029 (U)	0.878
—	0.565	0.028 (U)	0.587
—	0.784	0.019 (U)	0.883
—	0.525	0.016 (U)	0.585
—	0.504	0.027 (U)	0.532
0.000861 (U)	1.14	0.0541 (U)	1.22
0.00026 (U)	1.19	0.0669	1.23

-0.00145 (U)	1.3	0.0754 (U)	1.25
0.00225 (U)	1.16	0.084	1.2
0.00938 (U)	0.921	0.0819	0.922
0.0101	1.09	0.0419 (U)	1.05
0.00143 (U)	1.16	0.0439 (U)	1.26
-0.000229 (U)	1.24	0.0714	1.2
-0.000639 (U)	1.56	0.0762	1.41
-0.000472 (U)	1.4	0.0957	1.4
0.00417 (U)	0.971	0.0546 (U)	1.07
-0.0132 (U)	0.961	0.0657 (U)	0.811
0.0103 (U)	1.12	0.0229 (U)	1.08
0.00906 (U)	1.09	0.051 (U)	1.02
-0.0106 (U)	1.1	0.0411 (U)	1.04
-0.00862 (U)	1.03	0.0643	0.963
-0.00318 (U)	1	0.0542 (U)	0.968
0.0144 (U)	0.973	0.02 (U)	0.948
0.00314 (U)	0.927	0.0585 (U)	1.05
0.00783 (U)	1.03	0.0633 (U)	1.17
0.00621 (U)	0.937	0.0564 (U)	0.958
-0.0025 (U)	0.958	0.0405 (U)	1.02
-0.00153 (U)	1.07	0.0629 (U)	1.1
-0.000242 (U)	0.991	0.0688	1.05
-0.00443 (U)	0.954	0.0385 (U)	0.842
0.0485 (U)	1.13	0.0677 (U)	1.22
0.00287 (U)	1.43	0.0711 (U)	1.66
0.0145 (U)	1.31	0.0424 (U)	1.33
0.025 (U)	1.25 (J+)	0.0905 (U)	1.46 (J+)
0.00922 (U)	1.04	0.0576 (U)	1.08
0.0312 (U)	1.22	0.0656 (U)	1.28
0.0251 (U)	1.14	0.0619 (U)	1.91
0.00358 (U)	1.07	0.0491 (U)	1.12
0.0933 (U)	1.29	0.107 (U)	1.61
0.0112 (U)	1.01	0.0455 (U)	0.92
0.0198 (U)	1.41	0.072 (U)	1.31
0.00672 (U)	1.32	0.116	1.38
0.0123 (U)	1.26	0.0549 (U)	1.19
0.00706 (U)	1	0.0639 (U)	1.2
0.0182 (U)	1.16	0.0997	1.6
0.00542 (U)	1.14	0.0724	1.16
0.114 (U)	2.45	0.193	3.27
-0.000474 (U)	1.06	0.0989 (U)	1.21
0.00806 (U)	0.991	0.032 (U)	1.18
0.00679 (U)	0.94	0.0503 (U)	1.1
0.0624 (U)	1.51	0.0228 (U)	1.93
0.0104 (U)	0.951	0.0365 (U)	0.999
0.012 (U)	1.09 (J+)	0.0818 (U)	1.46 (J+)
0.98	4.3	0.196	5.17

0.019 (U)	1.37	0.0926	1.53
0.0164 (U)	1.61	0.0584 (U)	1.98
0.00956 (U)	0.972	0.0561 (U)	1.27
0.059 (U)	1	0.0662 (U)	1.34
0.017 (U)	1.26	0.075	1.18
0.0226 (U)	1.3	0.127	1.59
0.00513 (U)	1.23 (J+)	0.0919 (U)	1.31 (J+)
0.017 (U)	1.39	0.0993	1.41
0.00745 (U)	1.06	0.107	1.19
0.0244 (U)	1.49	0.0794 (U)	1.79
0.0158 (U)	1.27	0.0652 (U)	1.14
0.00419 (U)	1.17 (J+)	0.0581 (U)	1.53 (J+)
0.0288 (U)	1.14	0.0698	1.27
0.0253 (U)	1.32	0.0817	1.58
0.0514 (U)	1.21 (J+)	0.0775 (U)	1.7 (J+)
0.00681 (U)	0.995	0.0557 (U)	1.15
0.00987 (U)	1.06	0.0486 (U)	1.21
0.00913 (U)	1.32	0.0802	1.39
0.0439 (U)	1.42	0.119	1.68
0.0385 (U)	1.14	0.042 (U)	1.39
0.0061 (U)	1.13	0.0498	1.11
-0.0584 (U)	1.15	0.0681	1.31
0.0371 (U)	1.24	0.0684	1.39
0.0112 (U)	1.11	0.056	1.06
0.0176 (U)	1.1	0.0587 (U)	1.31
-0.00165 (U)	0.865	0.029 (U)	1
0.0449 (U)	1.22	0.0542 (U)	1.5
0.00516 (U)	1.31	0.0785	1.46
0.0062 (U)	0.682	0.028 (U)	1
0.00459 (U)	0.899	0.0228 (U)	1.08
0.0126	0.936	0.0755	1.17
0.00941	1.13	0.0345 (U)	1.16
0.0259 (U)	0.789	0.051 (U)	1.85
0.0188 (U)	1.21	0.0954	2.49
0.0258	1.13	0.0439 (U)	1.4
0.0507	1.24	0.0659	1.53
0.0174	1.5	0.065 (U)	1.93
0.0347	1.79	0.079	2.05
0.0518	1.07	0.0534 (U)	1.49
0.0236 (U)	1.15	0.0788	1.19
0.0158 (U)	1.56 (J+)	0.0567 (U)	1.91 (J+)
0.023 (U)	1.1	0.058 (U)	1.32
0.0126 (U)	1.16	0.0787	1.12
0.0187 (U)	0.975	0.0801 (U)	1.12
0.00975 (U)	1.24	0.0393 (U)	1.54
0 (U)	1.23	0.026 (U)	1.24
0.00511 (U)	1.12	0.0449 (U)	1.17



0.00419 (U)	1.28	0.0696 (U)	1.64
-0.00459 (U)	1.79	0.11 (U)	2.04
0.0118 (U)	1.41	0.0721 (U)	1.83
0.0048 (U)	1.2	0.0797 (U)	1.48
-0.00204 (U)	1.31	0.0937 (U)	1.52
0.0112 (U)	1.21	0.0503 (U)	1.45
0.0291 (U)	1.4	0.0445 (U)	1.34
0.00159 (U)	1.02	0.0691 (U)	1.03
0.0123 (U)	1.36	0.143	1.74
0.0429 (U)	1.12	0.0738 (U)	1.13
0.0311 (U)	2.32	0.155	2.68
0.0211 (U)	1.65	0.121 (U)	1.68
0.0117 (U)	1.33 (J+)	0.128 (U)	1.37 (J+)
0.0039 (U)	1.01	0.0996 (U)	1.18
0.0379 (U)	1.21	0.119	1.8
0.00107 (U)	1.18	0.0441 (U)	1.12
0.0286 (U)	1.27	0.122	1.34
0.00866 (U)	1.11	0.126	0.981
0.0297 (U)	1.35 (J+)	0.177 (J+)	1.7 (J+)
0.0128 (U)	1.04	0.101 (U)	1.31
-0.00254 (U)	0.937	0.0226 (U)	1.06
-0.0165 (U)	1.65	0.111	2.11
-0.00333 (U)	1.18	0.0844	1.41
-0.0301 (U)	1.26	0.0594 (U)	1.54
-0.0114 (U)	1.05	0.0611 (U)	0.971
-0.0137 (U)	1.43	0.0976	1.4
-0.00163 (U)	0.937	0.0582 (U)	0.974
0.00963 (U)	3.43 (J+)	0.157 (J+)	3.24 (J+)
-0.0014 (U)	3.49 (J+)	0.179 (J+)	3.01 (J+)
0.0914	1.57	0.134	2.01
0.154	1.83	0.122	1.8
0.0241	4.43	0.147	3.72
0.0278	3.72	0.124	2.88
0.0813	6.1	0.278	4.51
0.00578 (U)	3.21	0.165	2.62
-0.0476 (U)	1.36	0.0521 (U)	1.58
-0.00675 (U)	1.04	0.0515 (U)	0.857
—	1.43	0.0414 (U)	1.47
—	0.452	0.0186 (U)	0.55
—	1.52	0.0994	1.98
—	0.332	0.0137 (U)	0.355
—	1.33	0.066 (U)	1.59
—	0.453	0.0652 (U)	0.616
—	1.2	0.0485 (U)	1.41
—	0.656	0.0347 (U)	0.632
—	1.2	0.0569 (U)	1.27
—	0.549	0.0177 (U)	0.545

—	1.43	0.0751 (U)	1.76
—	0.847	0.0345 (U)	0.865
—	1.22	0.057 (U)	1.11
—	1.08	0.0819 (U)	1.19
—	1.51	0.0874	1.67
—	0.71	0.045 (U)	0.837
—	1.5	0.0776 (U)	1.65
—	0.643	0.0298 (U)	0.797
—	1.1	0.0685	1.17
—	0.864	0.0348 (U)	0.925
—	0.987	0.0495	1.1
—	0.951	0.0662	0.927
—	1.45	0.114	1.73
—	0.511	0.0352 (U)	0.482
—	0.795	0.0566	1.17
—	0.567	0.038 (U)	0.425
—	0.723	0.0489	0.869
—	0.45	0.0428 (U)	0.436
—	1.36	0.0693 (U)	1.56
—	0.553	0.0578 (U)	0.51
—	1.54	0.0929	1.88
—	0.786	0.0724	0.848
—	1.08	0.0546 (U)	1.26
—	0.504	0.0535 (U)	0.458
—	1.11	0.0574 (U)	1.3
—	0.518	0.0219 (U)	0.564
—	1.45	0.0585 (U)	1.51
—	1.04	0.0571 (U)	1.14
—	1.34	0.099	1.69
—	0.811	0.065 (U)	0.793
—	1.26	0.0795	1.27
—	1.09	0.0528 (U)	1.15
—	1.39	0.0691 (U)	1.41
—	0.906	0.0533 (U)	0.993
—	1.62	0.0833	1.68
—	0.938	0.0397 (U)	0.996
—	1.28	0.0595 (U)	1.5
—	0.938	0.0542 (U)	1.1
—	1.75	0.115	1.96
—	1.04	0.0457 (U)	1.17
—	1.08	0.116	1.04
—	1.03	0.0906	0.996
—	0.98	0.11	1.01
—	1.05	0.0986	1.12
—	1.07	0.0833	1.4
—	1.01	0.105	1.07
—	1.25	0.114	1.28

—	1.18	0.115	1.18
—	0.948	0.0998	1.15
—	1.11	0.0939	1.26
-0.0165 (U)	1.65	0.111	2.11
-0.00333 (U)	1.18	0.0844	1.41
-0.0301 (U)	1.26	0.0594 (U)	1.54
-0.0114 (U)	1.05	0.0611 (U)	0.971
-0.0137 (U)	1.43	0.0976	1.4
-0.00163 (U)	0.937	0.0582 (U)	0.974
0.00963 (U)	3.43 (J+)	0.157 (J+)	3.24 (J+)
-0.0014 (U)	3.49 (J+)	0.179 (J+)	3.01 (J+)
0.0914	1.57	0.134	2.01
0.154	1.83	0.122	1.8
0.0241	4.43	0.147	3.72
0.0278	3.72	0.124	2.88
0.0813	6.1	0.278	4.51
0.00578 (U)	3.21	0.165	2.62
-0.0476 (U)	1.36	0.0521 (U)	1.58
-0.00675 (U)	1.04	0.0515 (U)	0.857
—	—	—	—
—	—	—	—
—	2.44	0.102	3.73
—	1.13	0.0724	1.29
—	6.91	0.444	13.2
—	0.997	0.103	1.12
—	7.53	0.456	8.42
—	3.23	0.173	4.09
—	3.99	0.28	5.53
—	0.917	0.053 (U)	0.95
—	3.1	0.142	3.85
—	1.66	0.0931 (U)	2.03
—	4.08	0.223	4.84
—	1.1 (J+)	0.0696 (U)	1.26 (J+)
—	1.82	0.114	3.03
—	1.24	0.0764 (U)	1.25
—	2.92	0.231	3.57
—	1.22	0.0634 (U)	1.13
—	3.62	0.215	4.59
—	1.07	0.0405 (U)	1.07
—	3.54	0.153	4.37
—	1.17	0.0821 (U)	1.33
—	7.59	0.405	7.64
—	0.984	0.102	1.17
—	2.47	0.166	2.99
—	1.07	0.0714	1.25
—	2.05	0.108	2.95

—	1.09	0.0777	1.17
—	4.65	0.252	7.77
—	1.38	0.0924	1.49
1.42	—	—	—
2.23 (U)	—	—	—
37.6	—	—	—
133	—	—	—
53.8	—	—	—
5.73	—	—	—
3.72	—	—	—
4.38	—	—	—
3.87	—	—	—
5.39	—	—	—
6.26	—	—	—
10.3	—	—	—
46.7	—	—	—
1.69 (U)	—	—	—
2.28	—	—	—
3.02	—	—	—
38.6	—	—	—
127	—	—	—
14.7	—	—	—
3.87 (U)	—	—	—
0.0665 (U)	—	—	—
0.966 (U)	—	—	—
0.441	—	—	—
1.23 (U)	—	—	—
0.327	—	—	—
0.867 (U)	—	—	—
7.45	—	—	—
476	—	—	—
180	—	—	—
80.6	—	—	—
17.6	—	—	—
6.02	—	—	—
5.17	—	—	—
5.62	—	—	—
2.19	—	—	—
0.843	—	—	—
1.15	—	—	—
2.6	—	—	—
1.93	—	—	—
6.11	—	—	—
50.7	—	—	—
60.2	—	—	—
53.5	—	—	—
16.4	—	—	—

13.1	—	—	—
5.14	—	—	—
5.98	—	—	—
4.68	—	—	—
4.57	—	—	—
7.38	—	—	—
10	—	—	—
15.2	—	—	—
1.64	—	—	—
114	—	—	—
82.1	—	—	—
6.17	—	—	—
59.6	—	—	—
13.7	—	—	—
5.12	—	—	—
7.27	—	—	—
0.0135	—	—	—
4.56	—	—	—
14.3	—	—	—
6.39	—	—	—
4.77	—	—	—
2.65	7.18 (J)	0.933	43.7 (J)
1.14	1.11 (J)	0.0952	3.8 (J)
3.32	6.1 (J)	0.799	42.1 (J)
1.09	1.43 (J)	0.117	5.04 (J)
2.85	5.39 (J)	1.11	36.8 (J)
1.35	1.76 (J)	0.15	7.18 (J)
0.127	6.17	0.831	34.9
0.0758	0.73	0.0843	1.62
1.26	6.55	0.594	25.2
-0.00664 (U)	0.798	0.0527 (U)	0.815
0.0378 (U)	3.87	0.318	13.8
0.0164	0.753	0.0219 (U)	0.957
0.0902 (U)	2.98	0.305	11.3
0.0296	0.704	0.0473 (U)	0.891
0.07 (U)	1.31	0.0848	2.73
0.0117 (U)	0.664	0.0615	0.69
0.896	3.43	0.345	15.3
0.0283	0.724	0.031 (U)	0.921
0.0665 (U)	1.23	0.0566 (U)	1.93
0.0629	0.707	0.0228 (U)	0.788
3.86	7.77	0.978	44.6
1.08	1.93	0.199	9.16
7.55	19.6	1.83	77
0.276	1.17	0.0803	2.42
0.322	1.96	0.113	6.21
0.121	1.05	0.108	1.82

0.0957	1.24	0.0669	2.27
0.0329	0.912	0.0613	1.23
29.8	5	0.669	30
4.15	2.23	0.205	10.5
0.147	3.26	0.245	7.13
0.0346	1.02	0.0884	1.28
0.275	4.43	0.253	9.08
0.0477	1.64	0.0545 (U)	2.32
0.144	1.81	0.154	4.89
0.0253	1.09	0.0871	1.63
3.15	2.6 (J)	0.391	16.9 (J)
0.543	1.08 (J)	0.114	3.35 (J)
17.7	18.1 (J)	1.91	108 (J)
9.53	18.4 (J)	3.25	188 (J)
19.9	15.2 (J)	2.16	112 (J)
13.2	4.55 (J)	0.741	32.6 (J)
26.9	35.2 (J)	4.89	245 (J)
12.7	9.61 (J)	1.23	80 (J)
0.926	1.18 (J)	0.0858 (U)	2.5 (J)
0.62	1	0.0643 (U)	2.63
1.51	8.54	1.28	68
0.22	1.02	0.0732	3.46
0.0251 (U)	1.04	0.115	1.83
0.0846	0.699	0.0677	0.845
5.52	4.81	0.65	29.4
1.25	2.07	0.207	10.3
4.18	4.94	0.606	29.2
2.28	3.27	0.471	16.6
1.82	11 (J+)	1.47 (J+)	73.1 (J+)
0.091	1.23	0.131	4.16
10.3	17.1 (J+)	2.12 (J+)	110 (J+)
1.9	4.51	0.485	28.2
0.597	8.62	1.01	43.6
0.111	0.863	0.0267 (U)	1.19
0.361	3.02	0.138	11.1
0.335	1.6	0.077 (U)	4.97
0.0573	0.873	0.0695	1.85
0.0215	0.525	0.0309 (U)	0.616
0.0477	2.72	0.196	4.68
0.0902	0.825	0.04 (U)	1.03
4.23	16.8	1.44	72.1
0.199	0.919	0.0784	1.51
0.0581	2.32	0.152	4.53
0.00426 (U)	0.665	0.0752	0.711
0.0475 (U)	1.37	0.104	2.23
0.0405	0.7	0.0364 (U)	0.64
0.509	3.95	0.242	9.59

0.0448	0.631	0.0592	0.916
0.00436 (U)	0.597	0.053	0.652
0.0399	0.642	0.0277 (U)	0.687
0.957	4.14	0.343	15.9
0.029	0.753	0.0507 (U)	0.801
0.817	5.17	0.547	23.6
0.442	2.28	0.19	7.11
2.36	6.41	0.594	28.1
0.0679	1.07	0.0838	1.77
0.124	0.624	0.0432 (U)	0.897
0.024	0.634	0.038 (U)	0.872 (J)
73.2	43.4	6.57	291
4.96	5.1	0.499	27.9
41.5	7.34	0.822	31.6
7.98	7.74	0.736	35
70.6	36.4	4.95	269
199	0.279	0.023 (U)	0.403
4.57	24.5	3.67	181
12.4	11	1.08	57.7
4.58	4.46	0.551	23.1
0.583	0.375	0.0327	0.937 (J)
0.36	0.864	0.0619	2.99
0.0714	0.444	0.034	0.509 (J)
1.79	8.51	0.83	35.3
0.688	0.476	0.0442	1.33
24.3	21.5	2.75	150
8.54	3.24	0.363	19.4
3.62	2.23	0.305	14.7
0.474	0.309	0.0226 (U)	1.16 (J)
0.353	2.33	0.278	13.1
0.321	0.38	0.0448	1.34
0.245	0.687	0.0772	2.27 (J)
0.0276	0.275	0.0221 (U)	0.254
0.363	1.6	0.171	6.11
0.304	0.969	0.0612	2.16
0.169	1	0.0555	2.21 (J)
0.0313 (U)	0.461	0.0213 (U)	0.609 (J)
0.412	1.57	0.113	4.15
0.0275	0.249	0.0215 (U)	0.316
0.112	2.41	0.134	3.75
0.0389	1.06	0.0538 (U)	1.23
0.0663	1.22 (J-)	0.107 (J-)	2.08 (J-)
0.00625 (U)	0.591	0.0534 (U)	0.701
0.22	6.18	0.591	22.6
0.126	4.53	0.34	13.3
0.0344	0.872	0.0451 (U)	0.719
0.162	1.95	0.138	3.68



0.112	0.779	0.0915	0.864
0.015 (U)	0.721	0.0674	0.997
0.0377	0.776 (J+)	0.0141 (U)	0.786 (J+)
0.0955	1.64	0.162	3.9
0.0177 (U)	0.791	0.0837	1.16
0.211	3.58	0.397	12.3
0.118	2.33	0.223	7.39
0.155	4.65	0.426	15.8
0.0621	1.28	0.118	2.69
0.0767	2.16	0.199	7.29
0.022 (U)	0.946	0.0805	0.959
2.19	4.84	0.42	20.3
0.0829	0.95	0.0484 (U)	1.41
1.74	4.37	0.488	25.1
0.276	0.95 (J-)	0.0579 (UJ)	2.48 (J-)
1	6.82	0.756	32.8
0.0375	0.85	0.0641	0.92
0.493	21.1 (J+)	1.72 (J+)	87.6 (J+)
0.0333	1.17	0.0541	1.09
22.4	18.1 (J+)	1.94 (J+)	92 (J+)
1.45	4.09	0.268	11.2
4.84	2.79	0.355	15.5
0.529	1.01	0.052 (U)	1.08
0.759	4.71	0.479	19.4
0.0674	1.01	0.0379 (U)	1.06
0.0528	0.884	0.056	0.846
0.619	3.18	0.375	15.5
11.7	13.8 (J+)	1.72 (J+)	91.1 (J+)
1.69	11.1 (J+)	1.61 (J+)	70.8 (J+)
0.113	1.72	0.14	5.53
0.0122	0.832	0.0585	0.864
0.314	2.19	0.154	5.45
0.0564	1.02	0.064	1.27
0.0349 (U)	1.3	0.0979	1.91
0.0163 (U)	0.842	0.0682	0.904
0.13	1.08	0.0889	2.4
0.0242	0.819	0.0471	0.909
0.0846	1.79	0.13	4.73
0.0275 (U)	0.89	0.0693	0.992
0.0648 (U)	1.71	0.0664 (U)	3.39
0.296	2.75	0.16	5.3
0.083	2.03	0.19	5.16
0.0277 (U)	0.943	0.053 (U)	1.13
0.0162	0.819	0.0595 (U)	1.22
0.00792 (U)	0.918	0.0455 (U)	2.48
0.00533 (U)	1.32	0.161	4.14
0.0374	0.809	0.0473 (U)	1.41

0.00669 (U)	0.533	0.0163 (U)	1.14
0.00753 (U)	0.745	0.0327 (U)	1.86
0.031 (U)	1.11	0.102	2.95
0.0259	0.993	0.0748	1.66
0 (U)	1.11	0.0937	1.41
0.0431	1.66	0.0784	1.65
0.0951	1.13	0.0553 (U)	1.64 (J)
0.0602	1.23	0.0583 (U)	1.39 (J)
0.0322 (U)	303	20.3	311
0.0136 (U)	89.1 (J+)	5.24 (J+)	92.3 (J+)
0.101	8.26	0.525	10.1
0.123	2.63	0.0774	2.82
0.0205 (U)	2.74	0.207	5.14
0.0334	1.65	0.0585 (U)	1.53
0.117	1.27	0.0877 (U)	1.3 (J)
0.0558	0.936	0.048	0.938
0.103	1.34	0.0878 (U)	1.37 (J)
0.0804	1.19	0.0945 (U)	1.18 (J)
0.151	0.913	0.0948 (U)	0.866 (J)
0.145	0.982	0.0184 (U)	1 (J)
0.191	0.948	0.0448 (U)	0.867
0.263	0.862	0.0455 (U)	0.769
0.107	0.822	0.0675 (U)	0.809
0.0311	0.815	0.051	0.899
0 (U)	0.618	0.0349	0.879
0 (U)	0.793	0.053	1.1
0.02 (U)	0.911	0.036	1.78
0.01 (U)	0.742	0.078	1.08
0.02 (U)	0.569	0.0317	0.971
0.01 (U)	0.783	0.047	1.22
-0.01 (U)	0.495	0.048	1.62
0.02 (U)	0.591	0.039	0.734
0.01 (U)	1.83	0.063	1.99
0.037	0.944	0.0976	1.33
0.0264	0.995	0.0816	1.6
0.0186 (U)	1.06	0.0513 (U)	1.58
0.0635	1.33	0.0633 (U)	3.33
0.00479 (U)	1.32	0.0549 (U)	1.15
0.173	1.17	0.0581 (U)	1.15
0.0178	0.949	0.0634 (U)	1.1
0.0109	0.862	0.0568 (U)	1.08
0.0116	1.53	0.0873 (U)	1.71
0.0201	1.07	0.0498 (U)	1.2
0.0353	1.23	0.108	2.22
0.00701	0.761	0.0285 (U)	0.9
0.0123	0.886	0.0693	0.96
0.0182	0.958	0.0621	1.45

0.169	0.904	0.0685	1.31
0.0148 (U)	1.1	0.0638 (U)	1.82
0.0293 (U)	0.938	0.0525 (U)	1.21
0.0408	2.33	0.221	7.96
0.0824	1.16	0.0824	2.94
0.0599	1.17	0.0566 (U)	1.69
0.0655	1.54	0.12	2.7
0.0457	1.26	0.0464 (U)	1.7
0.0824	1.81	0.0847	2.56
0.0557	1.04	0.0866	2.02
0.0345 (U)	1.27	0.078	1.78
0.0516	13.9	0.78	15.1
0.00637 (U)	0.945	0.0831	1.63
0.0239 (U)	1.19	0.0389 (U)	1.4
-0.00801 (U)	1.61	0.119	2.93
0.0586	1.12	0.0932	1.66
0.0107 (U)	2.75	0.173	3.93
0.0169 (U)	1.82	0.117	3.43
0.107	1.99	0.104	3.45
19.6	0.921	0.0646	1.14
0.0231	0.585 (J-)	0.0639 (J-)	0.654 (J-)
0.0073 (U)	2.2 (J+)	0.18 (J+)	2.98 (J+)
0.0119 (U)	1.29	0.122	1.73
0.0226 (U)	2.74 (J+)	0.291 (J+)	3.96 (J+)
0.0108 (U)	2.42	0.2	3.11
-0.0271 (U)	0.559	0.0502 (U)	0.639
0.0213 (U)	0.576	0.0224 (U)	0.576
0.0365	0.732	0.0603 (U)	0.728
0.0159	0.419	0.0166 (U)	0.46
0.0424	1.62	0.0951	1.85
0.0098 (U)	1.79	0.118	2.68
0.0282 (U)	1.36	0.117	1.94
0.0474	0.837	0.0334 (U)	0.938
0.0324 (U)	4.93 (J+)	0.386 (J+)	6.93 (J+)
0.0107 (U)	1.04	0.0673 (U)	1.26
0.0107 (U)	1.85	0.0822	2.26
0.0191 (U)	2.16	0.0833	3.02
0.00898 (U)	1.18	0.0661 (U)	1.31
0.00221 (U)	0.908	0.0247 (U)	0.869
-0.00222 (U)	0.966	0.0458 (U)	1.03
0.0448 (U)	1.17	0.0602 (U)	1.58
0.00093 (U)	0.778	0.0178 (U)	0.771
0.00267 (U)	1.49	0.0646 (U)	1.88
0.0081 (U)	1.06	0.0315 (U)	1.37
0.0029 (U)	0.798	0.091	1.31
0.00556 (U)	0.697	0.0551 (U)	0.834
0.0172 (U)	1.12	0.084	1.26

0.0104 (U)	0.855	0.0324 (U)	0.964
0.0107 (U)	1.72	0.113	2.39
0.00093 (U)	0.748	0.0317 (U)	0.739
0.041	1.06	0.0913	1.37
0.0146 (U)	0.877	0.0584 (U)	1.07
0.0366	1.52	0.0914	2.69
0.0209	0.477	0.0477 (U)	0.573
-0.0107 (U)	1.04	0.0793	0.96
0.0167 (U)	0.948	0.0685	0.974
0.0205 (U)	1.48	0.0919	1.59
-0.0119 (U)	1.16	0.0695	1.1
0.00646 (U)	3.56	0.219	4.44
-0.00194 (U)	1.14	0.0532 (U)	1.18
-0.00375 (U)	2.8	0.131	3.58
0 (U)	1.02	0.0736	1.13
0.0296 (U)	2.12	0.0989	2.72
0.00821 (U)	1.16	0.087	1.24
0.0297 (U)	2.21	0.133	2.6
0.0108 (U)	0.685	0.0415 (U)	0.677
0.0124	1.57	0.0881 (U)	1.86
0.00477 (U)	1.69	0.0993	1.76
0.00604 (U)	1.77	0.127	2.73
-0.0233 (U)	2.58	0.129	2.86
0.00726 (U)	1.3	0.079 (U)	1.39
-0.00443 (U)	0.926	0.0694	1
0.00869 (U)	1.63	0.0467 (U)	1.79
0.00275 (U)	0.879	0.0474 (U)	0.979
0.0161 (U)	1.61	0.114	2.06
-0.00415 (U)	1.38	0.165	1.56
-0.00229 (U)	1.15	0.0835	1.53
0.00103 (U)	1.57	0.0955	2.19
0.0194 (U)	1.54	0.107	2.09
0.0112 (U)	1.21	0.123	1.39
0.0157 (U)	2.55	0.13	3.05
0.00598 (U)	0.95	0.0688 (U)	1.05
0.0354 (U)	2.58	0.162	3.22
-0.0199 (U)	1.94	0.162	1.94
0.00326 (U)	1.93	0.133	2.26
-0.000563 (U)	1.15	0.0429 (U)	1.06
-0.0186 (U)	2.5	0.194	3.32
-0.00673 (U)	0.857	0.0815	1.05
0.0596 (U)	4.17	0.172	5.21
0.0365	0.965	0.0367 (U)	0.864
0.0402 (U)	1.56	0.109	1.93
0.0274	0.914	0.0826	0.951
0.0335 (U)	1.09	0.0744	1.03
0.00587 (U)	0.613	0.0452 (U)	0.601

0.0504 (U)	2.36	0.161	3.58
0.1	2.98	0.23	4.21
0.0901	1	0.0548 (U)	1.1
0.0281	0.719	0.0509 (U)	0.796
0.0159 (U)	0.856	0.0126 (U)	0.775
0.0182 (U)	0.92	0.0583 (U)	1.02
0.0446	0.76	0.0643 (U)	0.877
0.883	0.46	0.0353 (U)	0.393