

Appendix Table 6. Assessment of Balance After Propensity-Score Based Full Matching in Patient-Centered Cohort for PedsQL™

A. Acute Otitis Media

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	2.99	3.03	-0.014
_Csex_1	47.1 %	45.5 %	0.032
_Csex_2	52.9 %	54.5 %	-0.032
_Crace_ana~1	9.2 %	8.9 %	0.013
_Crace_ana~2	52.3 %	52.2 %	0.002
_Crace_ana~3	30.9 %	30.8 %	0.002
_Crace_ana~4	7.6 %	8.2 %	-0.022
_Cpayor_0	60.8 %	60.2 %	0.011
_Cpayor_1	39.2 %	39.8 %	-0.011
_Cseason_0	21.7 %	24.7 %	-0.070
_Cseason_1	34.8 %	31.4 %	0.073
_Cseason_2	25.9 %	26.2 %	-0.007
_Cseason_3	17.6 %	17.7 %	-0.004
Csympcnt~0	22.9 %	19.5 %	0.083
Csympcnt~1	35.1 %	35.2 %	-0.001
Csympcnt~2	41.9 %	45.3 %	-0.068
_Csite_typ~1	41.6 %	41.2 %	0.009
_Csite_typ~2	58.4 %	58.8 %	-0.009
_Cprov_cat~1	19.6 %	18.9 %	0.016
_Cprov_cat~2	57.5 %	56.8 %	0.015
_Cprov_cat~3	22.9 %	24.3 %	-0.033
_Cschool_d~0	29.9 %	31.1 %	-0.026
_Cschool_d~1	70.1 %	68.9 %	0.026
Cothmeds~0	92.7 %	93.3 %	-0.023
Cothmeds~1	7.3 %	6.7 %	0.023

B. Acute Sinusitis

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	5.90	6.11	-0.060
_Csex_1	46.0 %	46.1 %	-0.001
_Csex_2	54.0 %	53.9 %	0.001
_Crace_ana~1	6.5 %	6.9 %	-0.015
_Crace_ana~2	76.0 %	77.5 %	-0.037
_Crace_ana~3	9.4 %	8.2 %	0.041
_Crace_ana~4	8.1 %	7.3 %	0.029
_Cpayor_0	81.3 %	82.8 %	-0.041
_Cpayor_1	18.7 %	17.2 %	0.041
_Cseason_0	23.1 %	22.3 %	0.020
_Cseason_1	21.6 %	21.4 %	0.003
_Cseason_2	15.4 %	17.9 %	-0.068
_Cseason_3	40.0 %	38.4 %	0.033
Csympcnt~0	14.8 %	17.6 %	-0.074
Csympcnt~1	33.9 %	31.0 %	0.062
Csympcnt~2	51.3 %	51.5 %	-0.004
_Csite_typ~1	4.9 %	6.4 %	-0.066
_Csite_typ~2	95.1 %	93.6 %	0.066
_Cprov_cat~1	15.8 %	16.8 %	-0.026
_Cprov_cat~2	71.4 %	71.6 %	-0.004
_Cprov_cat~3	12.8 %	11.6 %	0.035
_Cschool_d~0	20.0 %	20.3 %	-0.008
_Cschool_d~1	80.0 %	79.7 %	0.008

C. Group A Streptococcal Pharyngitis

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	7.06	7.06	-0.000
_Csex_1	51.8 %	51.1 %	0.014
_Csex_2	48.2 %	48.9 %	-0.014
_Crace_ana~1	8.6 %	10.1 %	-0.052
_Crace_ana~2	56.1 %	68.6 %	-0.260
_Crace_ana~3	28.2 %	13.9 %	0.357
_Crace_ana~4	7.2 %	7.5 %	-0.012
_Cpayor_0	63.6 %	74.2 %	-0.231
_Cpayor_1	36.4 %	25.8 %	0.231
_Cseason_0	19.9 %	21.7 %	-0.045
_Cseason_1	40.2 %	39.2 %	0.020
_Cseason_2	23.5 %	19.9 %	0.088
_Cseason_3	16.3 %	19.1 %	-0.074
Csympcnt~0	17.6 %	16.1 %	0.039
Csympcnt~1	28.8 %	27.4 %	0.032
Csympcnt~2	53.6 %	56.5 %	-0.059
_Csite_typ~1	42.2 %	26.0 %	0.347
_Csite_typ~2	57.8 %	74.0 %	-0.347
_Cprov_cat~1	23.2 %	22.1 %	0.026
_Cprov_cat~2	55.9 %	57.4 %	-0.031
_Cprov_cat~3	21.0 %	20.5 %	0.011
_Cschool_d~0	12.4 %	13.7 %	-0.039
_Cschool_d~1	87.6 %	86.3 %	0.039

Appendix Table 7. Assessment of Balance After Propensity-Score Based Full Matching in Patient-Centered Cohort for Missed School or Daycare

A. Acute Otitis Media

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	3.37	3.43	-0.019
_Csex_1	44.9 %	44.0 %	0.019
_Csex_2	55.1 %	56.0 %	-0.019
_Crace_ana~1	9.3 %	7.7 %	0.059
_Crace_ana~2	52.3 %	52.8 %	-0.009
_Crace_ana~3	31.3 %	30.9 %	0.009
_Crace_ana~4	7.2 %	8.7 %	-0.058
_Cpayor_0	63.3 %	63.3 %	-0.000
_Cpayor_1	36.7 %	36.7 %	0.000
_Cseason_0	23.3 %	27.8 %	-0.104
_Cseason_1	35.8 %	32.8 %	0.063
_Cseason_2	22.4 %	22.4 %	-0.000
_Cseason_3	18.5 %	17.0 %	0.040
Csympcnt~0	21.0 %	19.6 %	0.034
Csympcnt~1	35.8 %	35.6 %	0.006
Csympcnt~2	43.2 %	44.8 %	-0.033
_Csite_typ~1	41.8 %	42.6 %	-0.015
_Csite_typ~2	58.2 %	57.4 %	0.015
_Cprov_cat~1	19.1 %	19.5 %	-0.010
_Cprov_cat~2	59.5 %	56.7 %	0.056
_Cprov_cat~3	21.4 %	23.8 %	-0.057
Cothmeds~0	93.5 %	93.0 %	0.021
Cothmeds~1	6.5 %	7.0 %	-0.021

B. Acute Sinusitis

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	6.22	6.51	-0.086
_Csex_1	45.2 %	46.5 %	-0.026
_Csex_2	54.8 %	53.5 %	0.026
_Crace_ana~1	7.5 %	7.2 %	0.011
_Crace_ana~2	74.4 %	78.9 %	-0.108
_Crace_ana~3	10.1 %	8.0 %	0.072
_Crace_ana~4	8.1 %	5.8 %	0.088
_Cpayor_0	83.9 %	83.3 %	0.015
_Cpayor_1	16.1 %	16.7 %	-0.015
_Cseason_0	25.3 %	24.5 %	0.018
_Cseason_1	22.7 %	22.5 %	0.006
_Cseason_2	9.0 %	9.5 %	-0.017
_Cseason_3	43.0 %	43.5 %	-0.010
Csympcnt~0	15.3 %	17.7 %	-0.063
Csympcnt~1	34.0 %	32.8 %	0.026
Csympcnt~2	50.7 %	49.6 %	0.023
_Csite_typ~1	5.5 %	6.7 %	-0.050
_Csite_typ~2	94.5 %	93.3 %	0.050
_Cprov_cat~1	14.2 %	15.9 %	-0.046
_Cprov_cat~2	72.4 %	71.6 %	0.019
_Cprov_cat~3	13.3 %	12.6 %	0.023

C. Group A Streptococcal Pharyngitis

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	7.20	7.26	-0.022
_Csex_1	51.2 %	51.4 %	-0.004
_Csex_2	48.8 %	48.6 %	0.004
_Crace_ana~1	8.6 %	10.0 %	-0.046
_Crace_ana~2	54.5 %	67.1 %	-0.261
_Crace_ana~3	29.1 %	14.8 %	0.350
_Crace_ana~4	7.8 %	8.1 %	-0.010
_Cpayor_0	62.9 %	71.8 %	-0.190
_Cpayor_1	37.1 %	28.2 %	0.190
_Cseason_0	22.0 %	24.5 %	-0.059
_Cseason_1	44.4 %	43.0 %	0.030
_Cseason_2	16.1 %	8.9 %	0.218
_Cseason_3	17.5 %	23.6 %	-0.152
Csympcnt~0	18.1 %	18.4 %	-0.006
Csympcnt~1	28.6 %	26.8 %	0.042
Csympcnt~2	53.2 %	54.9 %	-0.033
_Csite_typ~1	43.8 %	26.7 %	0.364
_Csite_typ~2	56.2 %	73.3 %	-0.364
_Cprov_cat~1	25.5 %	23.1 %	0.056
_Cprov_cat~2	51.8 %	55.0 %	-0.065
_Cprov_cat~3	22.7 %	21.9 %	0.020

Appendix Table 8. Assessment of Balance After Propensity-Score Based Full Matching in Patient-Centered Cohort for Need Additional Childcare

A. Acute Otitis Media

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	3.48	3.43	0.015
_Csex_1	45.9 %	42.8 %	0.063
_Csex_2	54.1 %	57.2 %	-0.063
_Crace_ana~1	9.1 %	7.7 %	0.051
_Crace_ana~2	52.1 %	52.3 %	-0.004
_Crace_ana~3	32.0 %	30.8 %	0.027
_Crace_ana~4	6.8 %	9.3 %	-0.091
_Cpayor_0	62.3 %	63.7 %	-0.028
_Cpayor_1	37.7 %	36.3 %	0.028
_Cseason_0	23.1 %	27.7 %	-0.106
_Cseason_1	36.5 %	33.0 %	0.074
_Cseason_2	22.7 %	22.1 %	0.014
_Cseason_3	17.7 %	17.2 %	0.014
Csympcnt~0	20.8 %	19.9 %	0.025
Csympcnt~1	36.9 %	34.8 %	0.043
Csympcnt~2	42.3 %	45.3 %	-0.062
_Csite_typ~1	41.6 %	42.7 %	-0.022
_Csite_typ~2	58.4 %	57.3 %	0.022
_Cprov_cat~1	18.7 %	19.1 %	-0.009
_Cprov_cat~2	59.9 %	57.5 %	0.048
_Cprov_cat~3	21.4 %	23.4 %	-0.049
Cothmeds~0	93.4 %	93.1 %	0.011
Cothmeds~1	6.6 %	6.9 %	-0.011

B. Acute Sinusitis

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	6.27	6.41	-0.040
_Csex_1	45.7 %	47.0 %	-0.024
_Csex_2	54.3 %	53.0 %	0.024
_Crace_ana~1	7.4 %	7.4 %	-0.001
_Crace_ana~2	75.4 %	78.0 %	-0.062
_Crace_ana~3	9.2 %	8.8 %	0.016
_Crace_ana~4	8.0 %	5.8 %	0.085
_Cpayor_0	83.9 %	84.8 %	-0.025
_Cpayor_1	16.1 %	15.2 %	0.025
_Cseason_0	24.3 %	26.2 %	-0.043
_Cseason_1	23.9 %	21.2 %	0.063
_Cseason_2	9.2 %	9.1 %	0.003
_Cseason_3	42.6 %	43.4 %	-0.017
Csympcnt~0	14.4 %	18.0 %	-0.097
Csympcnt~1	34.5 %	31.7 %	0.060
Csympcnt~2	51.1 %	50.3 %	0.015
_Csite_typ~1	5.5 %	6.8 %	-0.056
_Csite_typ~2	94.5 %	93.2 %	0.056
_Cprov_cat~1	14.0 %	16.3 %	-0.066
_Cprov_cat~2	73.3 %	72.2 %	0.025
_Cprov_cat~3	12.7 %	11.4 %	0.039

C. Group A Streptococcal Pharyngitis

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	7.16	7.29	-0.055
_Csex_1	51.3 %	52.1 %	-0.015
_Csex_2	48.7 %	47.9 %	0.015
_Crace_ana~1	8.5 %	9.8 %	-0.042
_Crace_ana~2	55.6 %	67.4 %	-0.244
_Crace_ana~3	28.8 %	14.9 %	0.341
_Crace_ana~4	7.1 %	7.9 %	-0.034
_Cpayor_0	62.9 %	71.9 %	-0.194
_Cpayor_1	37.1 %	28.1 %	0.194
_Cseason_0	21.2 %	24.6 %	-0.082
_Cseason_1	45.3 %	43.0 %	0.046
_Cseason_2	16.1 %	8.9 %	0.217
_Cseason_3	17.5 %	23.4 %	-0.149
Csympcnt~0	18.1 %	19.2 %	-0.028
Csympcnt~1	28.8 %	25.4 %	0.077
Csympcnt~2	53.1 %	55.4 %	-0.046
_Csite_typ~1	43.5 %	26.8 %	0.355
_Csite_typ~2	56.5 %	73.2 %	-0.355
_Cprov_cat~1	25.5 %	22.1 %	0.080
_Cprov_cat~2	52.5 %	56.0 %	-0.071
_Cprov_cat~3	22.1 %	22.0 %	0.003

Appendix Table 9. Assessment of Balance After Propensity-Score Based Full Matching in Patient-Centered Cohort for Occurrence of Side Effects

A. Acute Otitis Media

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	2.96	3.05	-0.032
_Csex_1	47.6 %	48.3 %	-0.012
_Csex_2	52.4 %	51.7 %	0.012
_Crace_ana~1	10.3 %	9.8 %	0.017
_Crace_ana~2	48.8 %	52.0 %	-0.065
_Crace_ana~3	32.6 %	29.8 %	0.061
_Crace_ana~4	8.4 %	8.5 %	-0.003
_Cpayor_0	58.9 %	60.1 %	-0.025
_Cpayor_1	41.1 %	39.9 %	0.025
_Cseason_0	22.5 %	25.6 %	-0.074
_Cseason_1	34.3 %	30.0 %	0.092
_Cseason_2	25.4 %	26.4 %	-0.023
_Cseason_3	17.8 %	17.9 %	-0.004
Csympcnt~0	23.5 %	20.1 %	0.083
Csympcnt~1	34.5 %	36.0 %	-0.032
Csympcnt~2	42.0 %	43.8 %	-0.038
_Csite_typ~1	43.2 %	41.0 %	0.045
_Csite_typ~2	56.8 %	59.0 %	-0.045
_Cprov_cat~1	19.6 %	18.5 %	0.029
_Cprov_cat~2	57.3 %	55.8 %	0.031
_Cprov_cat~3	23.1 %	25.8 %	-0.062
_Cschool_d~0	28.3 %	28.4 %	-0.003
_Cschool_d~1	71.7 %	71.6 %	0.003
Cothmeds~0	93.1 %	93.4 %	-0.011
Cothmeds~1	6.9 %	6.6 %	0.011

B. Acute Sinusitis

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	5.88	6.11	-0.065
_Csex_1	47.1 %	44.6 %	0.049
_Csex_2	52.9 %	55.4 %	-0.049
_Crace_ana~1	6.9 %	7.7 %	-0.028
_Crace_ana~2	76.0 %	76.3 %	-0.007
_Crace_ana~3	9.6 %	9.3 %	0.009
_Crace_ana~4	7.5 %	6.7 %	0.030
_Cpayor_0	81.1 %	80.9 %	0.006
_Cpayor_1	18.9 %	19.1 %	-0.006
_Cseason_0	22.5 %	22.4 %	0.002
_Cseason_1	21.2 %	21.4 %	-0.007
_Cseason_2	15.5 %	17.0 %	-0.041
_Cseason_3	40.8 %	39.1 %	0.035
Csympcnt~0	13.5 %	15.8 %	-0.067
Csympcnt~1	31.2 %	29.9 %	0.028
Csympcnt~2	55.4 %	54.2 %	0.022
_Csite_typ~1	5.5 %	6.9 %	-0.059
_Csite_typ~2	94.5 %	93.1 %	0.059
_Cprov_cat~1	15.5 %	15.0 %	0.015
_Cprov_cat~2	72.4 %	72.2 %	0.003
_Cprov_cat~3	12.2 %	12.8 %	-0.020
_Cschool_d~0	21.5 %	21.1 %	0.009
_Cschool_d~1	78.5 %	78.9 %	-0.009

C. Group A Streptococcal Pharyngitis

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	6.97	7.05	-0.036
_Csex_1	49.8 %	50.6 %	-0.016
_Csex_2	50.2 %	49.4 %	0.016
_Crace_ana~1	9.5 %	9.7 %	-0.005
_Crace_ana~2	53.7 %	67.5 %	-0.284
_Crace_ana~3	29.3 %	14.0 %	0.376
_Crace_ana~4	7.5 %	8.8 %	-0.050
_Cpayor_0	60.9 %	72.8 %	-0.256
_Cpayor_1	39.1 %	27.2 %	0.256
_Cseason_0	19.7 %	23.3 %	-0.086
_Cseason_1	41.9 %	39.2 %	0.056
_Cseason_2	22.2 %	20.0 %	0.054
_Cseason_3	16.1 %	17.5 %	-0.038
Csympcnt~0	19.2 %	16.5 %	0.071
Csympcnt~1	27.9 %	26.7 %	0.027
Csympcnt~2	52.9 %	56.8 %	-0.079
_Csite_typ~1	43.1 %	28.0 %	0.318
_Csite_typ~2	56.9 %	72.0 %	-0.318
_Cprov_cat~1	24.2 %	22.3 %	0.045
_Cprov_cat~2	54.7 %	56.8 %	-0.041
_Cprov_cat~3	21.1 %	20.9 %	0.003
_Cschool_d~0	11.1 %	13.8 %	-0.082
_Cschool_d~1	88.9 %	86.2 %	0.082

Appendix Table 10. Assessment of Balance After Propensity-Score Based Full Matching in Patient-Centered Cohort for Persistent Symptoms at Day 3

A. Acute Otitis Media

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	2.95	3.03	-0.028
_Csex_1	47.8 %	47.0 %	0.016
_Csex_2	52.2 %	53.0 %	-0.016
_Crace_ana~1	8.5 %	8.1 %	0.017
_Crace_ana~2	53.8 %	54.3 %	-0.009
_Crace_ana~3	30.3 %	29.8 %	0.010
_Crace_ana~4	7.4 %	7.9 %	-0.019
_Cpayor_0	62.6 %	61.1 %	0.032
_Cpayor_1	37.4 %	38.9 %	-0.032
_Cseason_0	21.3 %	24.9 %	-0.086
_Cseason_1	34.2 %	34.9 %	-0.014
_Cseason_2	26.5 %	25.6 %	0.021
_Cseason_3	18.0 %	14.6 %	0.092
Csympcnt~1	45.5 %	43.6 %	0.038
Csympcnt~2	54.5 %	56.4 %	-0.038
_Csite_typ~1	40.6 %	41.2 %	-0.012
_Csite_typ~2	59.4 %	58.8 %	0.012
_Cprov_cat~1	18.9 %	19.2 %	-0.007
_Cprov_cat~2	57.7 %	57.5 %	0.003
_Cprov_cat~3	23.4 %	23.3 %	0.002
_Cschool_d~0	28.2 %	27.3 %	0.021
_Cschool_d~1	71.8 %	72.7 %	-0.021
Cothmeds~0	94.4 %	94.0 %	0.017
Cothmeds~1	5.6 %	6.0 %	-0.017

B. Acute Sinusitis

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	6.21	6.72	-0.141
_Csex_1	44.1 %	45.4 %	-0.027
_Csex_2	55.9 %	54.6 %	0.027
_Crace_ana~1	4.8 %	4.7 %	0.006
_Crace_ana~2	79.5 %	82.0 %	-0.064
_Crace_ana~3	7.6 %	6.1 %	0.062
_Crace_ana~4	8.0 %	7.2 %	0.032
_Cpayor_0	80.3 %	82.3 %	-0.052
_Cpayor_1	19.7 %	17.7 %	0.052
_Cseason_0	23.1 %	22.5 %	0.013
_Cseason_1	21.7 %	19.6 %	0.052
_Cseason_2	15.8 %	17.6 %	-0.048
_Cseason_3	39.4 %	40.3 %	-0.018
Csympcnt~1	10.6 %	11.9 %	-0.040
Csympcnt~2	89.4 %	88.1 %	0.040
_Csite_typ~1	3.4 %	3.5 %	-0.006
_Csite_typ~2	96.6 %	96.5 %	0.006
_Cprov_cat~1	16.5 %	18.7 %	-0.059
_Cprov_cat~2	72.2 %	70.5 %	0.037
_Cprov_cat~3	11.3 %	10.8 %	0.019
_Cschool_d~0	19.8 %	21.7 %	-0.048
_Cschool_d~1	80.2 %	78.3 %	0.048

C. Group A Streptococcal Pharyngitis

	Mean in treated	Mean in Untreated	Standardised diff.
age_yr	7.19	7.14	0.019
_Csex_1	50.7 %	48.2 %	0.050
_Csex_2	49.3 %	51.8 %	-0.050
_Crace_ana~1	8.4 %	7.8 %	0.023
_Crace_ana~2	58.9 %	71.5 %	-0.266
_Crace_ana~3	26.0 %	14.1 %	0.299
_Crace_ana~4	6.7 %	6.6 %	0.004
_Cpayor_0	66.6 %	74.8 %	-0.183
_Cpayor_1	33.4 %	25.2 %	0.183
_Cseason_0	21.5 %	21.6 %	-0.004
_Cseason_1	39.5 %	36.7 %	0.059
_Cseason_2	24.4 %	24.4 %	-0.000
_Cseason_3	14.6 %	17.3 %	-0.074
Csympcnt~1	35.4 %	29.8 %	0.121
Csympcnt~2	64.6 %	70.2 %	-0.121
_Csite_typ~1	40.3 %	24.4 %	0.345
_Csite_typ~2	59.7 %	75.6 %	-0.345
_Cprov_cat~1	21.3 %	22.7 %	-0.035
_Cprov_cat~2	56.8 %	58.0 %	-0.023
_Cprov_cat~3	21.9 %	19.3 %	0.064
_Cschool_d~0	12.3 %	16.7 %	-0.126
_Cschool_d~1	87.7 %	83.3 %	0.126