

Table S4. Sensitivity analysis: Average cost (95% Confidence Intervals) (£)

	MCADD	MSUD	IVA	GA1	PKU	HCU	CHT	SCD - affected	SCD - carrier	Cf - affected	Cf - carrier
<b>Basecase</b>											
SP	437.02 (372.34 to 504.98)	444.47 (375.61 to 516.82)	440.73 (372.34 to 513.85)	466.87 (383.31 to 531.79)	470.49 (383.95 to 533.55)	462.56 (379.15 to 527.23)	500.64 (446.15 to 556.51)	564.14 (504.36 to 609.83)	237.12 (190.58 to 279.04)	628.51 (582.22 to 687.9)	265.35 (196.23 to 331.83)
IP - home visit	542.68 (484.71 to 603.17)	549.97 (488.83 to 614.19)	546.23 (486.19 to 609.63)	546.23 (486.19 to 609.63)	550.19 (487.85 to 614.93)	547.28 (486.6 to 610.31)	574.71 (523.64 to 634.67)	565.97 (540.73 to 590.04)	312.84 (292.93 to 328.97)	646.39 (597.88 to 719.74)	355.36 (302.58 to 417.4)
IP - teleconsultation	473.91 (413.37 to 530.01)	490.07 (422.16 to 552.52)	483.65 (419.7 to 542.68)	475.6 (413.26 to 540.43)	474.2 (410.95 to 539.18)	479 (415.65 to 537.91)	497.67 (446.59 to 557.62)	488.92 (463.69 to 513)	235.79 (215.88 to 251.92)	552.03 (502.98 to 623.42)	268.26 (213.87 to 331.19)
<b>Home visit time -25%</b>											
SP	432.3 (367.53 to 500.78)	444.47 (375.61 to 516.82)	440.73 (372.34 to 513.85)	461.67 (382.32 to 526.25)	460.1 (378.49 to 524.31)	457.36 (378.47 to 522.37)	492.65 (437.31 to 550.98)	538.17 (482.33 to 580.8)	217.64 (176.89 to 253.08)	593.88 (552.16 to 650.55)	249.37 (184.65 to 316.44)
IP - home visit	514.35 (456.28 to 575.07)	524 (462.87 to 588.23)	520.26 (460.22 to 583.66)	520.26 (460.22 to 583.66)	521.63 (458.66 to 586.8)	521.31 (460.63 to 584.34)	548.75 (497.67 to 608.7)	540 (514.77 to 564.07)	286.87 (266.96 to 303)	611.76 (564.91 to 683.7)	325.4 (274.43 to 387.49)
IP - teleconsultation	471.55 (410.8 to 528.1)	490.07 (422.16 to 552.52)	483.65 (419.7 to 542.68)	475.6 (413.26 to 540.43)	471.6 (407.81 to 537.6)	476.4 (414.32 to 536.8)	497.67 (446.59 to 557.62)	488.92 (463.69 to 513)	235.79 (215.88 to 251.92)	547.7 (499.77 to 618.33)	266.26 (213.19 to 329.35)
<b>Home visit time +25%</b>											
SP	441.74 (374.73 to 511.24)	444.47 (375.61 to 516.82)	440.73 (372.34 to 513.85)	472.06 (384.11 to 536.43)	480.88 (388.57 to 546.37)	467.75 (379.45 to 533.05)	508.63 (453.47 to 563.11)	590.1 (524.18 to 640.19)	256.59 (204.75 to 305.95)	663.13 (609.8 to 727.98)	281.33 (207.21 to 348.39)
IP - home visit	571.01 (513.31 to 631.69)	575.93 (514.8 to 640.16)	572.19 (512.16 to 635.6)	572.19 (512.16 to 635.6)	578.76 (516.18 to 643.06)	573.25 (512.57 to 636.28)	600.68 (549.6 to 660.64)	591.93 (566.7 to 616.01)	338.81 (318.9 to 354.94)	681.01 (630.75 to 756.63)	385.32 (330.8 to 447.6)
IP - teleconsultation	476.27 (416.09 to 531.63)	490.07 (422.16 to 552.52)	483.65 (419.7 to 542.68)	475.6 (413.26 to 540.43)	476.8 (413.45 to 541.4)	481.59 (416.46 to 539.34)	497.67 (446.59 to 557.62)	488.92 (463.69 to 513)	235.79 (215.88 to 251.92)	556.36 (505.06 to 629.65)	270.26 (214.58 to 332.78)
<b>Hospital visit time -25%</b>											
SP	398.32 (333.63 to 466.28)	405.76 (336.91 to 478.12)	402.02 (333.63 to 475.15)	428.16 (344.61 to 493.08)	431.79 (345.25 to 494.85)	423.85 (340.45 to 488.53)	461.94 (407.45 to 517.81)	526.78 (466.96 to 571.95)	237.12 (190.58 to 279.04)	589.8 (543.52 to 649.2)	265.35 (196.23 to 331.83)
IP - home visit	503.98 (446 to 564.47)	511.26 (450.13 to 575.49)	507.52 (447.49 to 570.92)	507.52 (447.49 to 570.92)	511.49 (449.15 to 576.23)	508.58 (447.9 to 571.61)	536.01 (484.93 to 595.97)	528.61 (504.57 to 551.96)	312.84 (292.93 to 328.97)	607.69 (559.18 to 681.04)	355.36 (302.58 to 417.4)

	MCADD	MSUD	IVA	GA1	PKU	HCU	CHT	SCD - affected	SCD - carrier	Cf - affected	Cf - carrier
<b>Basecase</b>											
IP - teleconsultation	435.21 (374.67 to 491.31)	451.37 (383.46 to 513.81)	444.94 (381 to 503.98)	436.9 (374.56 to 501.73)	435.5 (372.25 to 500.48)	440.29 (376.94 to 499.21)	458.96 (407.88 to 518.92)	451.56 (427.52 to 474.91)	235.79 (215.88 to 251.92)	513.33 (464.28 to 584.71)	268.26 (213.87 to 331.19)
<b>Hospital visit time +25%</b>											
SP	475.72 (411.04 to 543.69)	483.17 (414.32 to 555.53)	479.43 (411.04 to 552.56)	505.57 (422.02 to 570.49)	509.19 (422.66 to 572.25)	501.26 (417.86 to 565.93)	539.34 (484.85 to 595.21)	601.49 (540.9 to 647.45)	237.12 (190.58 to 279.04)	667.21 (620.93 to 726.61)	265.35 (196.23 to 331.83)
IP - home visit	581.39 (523.41 to 641.87)	588.67 (527.54 to 652.9)	584.93 (524.9 to 648.33)	584.93 (524.9 to 648.33)	588.9 (526.56 to 653.63)	585.99 (525.3 to 649.01)	613.42 (562.34 to 673.37)	603.32 (576.94 to 627.99)	312.84 (292.93 to 328.97)	685.09 (636.59 to 758.44)	355.36 (302.58 to 417.4)
IP - teleconsultation	512.62 (452.08 to 568.71)	528.77 (460.86 to 591.22)	522.35 (458.41 to 581.38)	514.3 (451.97 to 579.13)	512.9 (449.66 to 577.89)	517.7 (454.35 to 576.61)	536.37 (485.29 to 596.33)	526.28 (499.89 to 550.94)	235.79 (215.88 to 251.92)	590.73 (541.69 to 662.12)	268.26 (213.87 to 331.19)
<b>Not face-to-face external interaction time -25%</b>											
SP	371.19 (320.27 to 424.12)	372.05 (320.41 to 426.32)	369.25 (317.96 to 424.09)	394.05 (326.95 to 443.17)	401.96 (331.37 to 451.15)	390.82 (323.48 to 439.93)	422.17 (380.27 to 462.54)	486.43 (435.19 to 525.98)	197.31 (157.14 to 236.41)	544.71 (502.43 to 594.98)	214.99 (158.19 to 265.79)
IP - home visit	474.05 (431.13 to 519.3)	477.15 (431.3 to 525.32)	474.34 (429.32 to 521.89)	474.34 (429.32 to 521.89)	479.91 (432.89 to 527.68)	475.13 (429.62 to 522.41)	495.71 (457.4 to 540.67)	487.8 (467.66 to 506.59)	260.6 (245.66 to 272.7)	558.12 (519.56 to 616.04)	296.48 (255.04 to 342.96)
IP - teleconsultation	396.5 (351.08 to 437.94)	406.26 (355.32 to 453.09)	401.44 (353.48 to 445.71)	395.4 (348.65 to 444.03)	396.95 (349.54 to 445.24)	400.55 (351.65 to 443.43)	411.95 (373.65 to 456.92)	404.05 (383.9 to 422.84)	176.85 (161.91 to 188.94)	457.05 (418.2 to 512.28)	203.19 (161.05 to 250.19)
<b>Not face-to-face external interaction time +25%</b>											
SP	502.85 (421.57 to 588.86)	516.88 (430.81 to 607.32)	512.2 (426.72 to 603.61)	539.69 (439.52 to 620.1)	539.02 (435.93 to 618.74)	534.3 (434.38 to 614.76)	579.11 (510.31 to 651.5)	641.85 (571.63 to 695.16)	276.92 (224.5 to 322.64)	712.3 (659.18 to 783.53)	315.71 (233.98 to 399.12)
IP - home visit	611.32 (538.56 to 687.34)	622.78 (546.37 to 703.07)	618.11 (543.07 to 697.36)	618.11 (543.07 to 697.36)	620.47 (541.97 to 701.74)	619.43 (543.58 to 698.22)	653.72 (589.87 to 728.66)	644.13 (613.81 to 673.52)	365.08 (340.19 to 385.25)	734.66 (675.81 to 825.17)	414.24 (350.09 to 491.96)
IP - teleconsultation	551.33 (475.86 to 621.72)	573.88 (489 to 651.94)	565.86 (485.92 to 639.65)	555.8 (477.88 to 636.83)	551.45 (472.05 to 633.51)	557.44 (479.79 to 632.61)	583.38 (519.53 to 658.32)	573.79 (543.47 to 603.17)	294.74 (269.85 to 314.9)	647 (586.8 to 735.78)	333.33 (266.83 to 411.99)
<b>Not face-to-face internal interaction time -25%</b>											
SP	437.02 (372.34 to 504.98)	444.47 (375.61 to 516.82)	440.73 (372.34 to 513.85)	466.87 (383.31 to 531.79)	470.49 (383.95 to 533.55)	462.56 (379.15 to 527.23)	500.64 (446.15 to 556.51)	564.14 (504.36 to 609.83)	237.12 (190.58 to 279.04)	628.51 (582.22 to 687.9)	265.35 (196.23 to 331.83)

	MCADD	MSUD	IVA	GA1	PKU	HCU	CHT	SCD - affected	SCD - carrier	Cf - affected	Cf - carrier
<b>Basecase</b>											
IP - home visit	542.68 (484.71 to 603.17)	549.97 (488.83 to 614.19)	546.23 (486.19 to 609.63)	546.23 (486.19 to 609.63)	550.19 (487.85 to 614.93)	547.28 (486.6 to 610.31)	574.71 (523.64 to 634.67)	565.97 (540.73 to 590.04)	312.84 (292.93 to 328.97)	646.39 (597.88 to 719.74)	355.36 (302.58 to 417.4)
IP - teleconsultation	473.91 (413.37 to 530.01)	490.07 (422.16 to 552.52)	483.65 (419.7 to 542.68)	475.6 (413.26 to 540.43)	474.2 (410.95 to 539.18)	479 (415.65 to 537.91)	497.67 (446.59 to 557.62)	488.92 (463.69 to 513)	235.79 (215.88 to 251.92)	552.03 (502.98 to 623.42)	268.26 (213.87 to 331.19)
<b>Not face-to-face internal interaction time +25%</b>											
SP	437.02 (372.34 to 504.98)	444.47 (375.61 to 516.82)	440.73 (372.34 to 513.85)	466.87 (383.31 to 531.79)	470.49 (383.95 to 533.55)	462.56 (379.15 to 527.23)	500.64 (446.15 to 556.51)	564.14 (504.36 to 609.83)	237.12 (190.58 to 279.04)	628.51 (582.22 to 687.9)	265.35 (196.23 to 331.83)
IP - home visit	542.68 (484.71 to 603.17)	549.97 (488.83 to 614.19)	546.23 (486.19 to 609.63)	546.23 (486.19 to 609.63)	550.19 (487.85 to 614.93)	547.28 (486.6 to 610.31)	574.71 (523.64 to 634.67)	565.97 (540.73 to 590.04)	312.84 (292.93 to 328.97)	646.39 (597.88 to 719.74)	355.36 (302.58 to 417.4)
IP - teleconsultation	473.91 (413.37 to 530.01)	490.07 (422.16 to 552.52)	483.65 (419.7 to 542.68)	475.6 (413.26 to 540.43)	474.2 (410.95 to 539.18)	479 (415.65 to 537.91)	497.67 (446.59 to 557.62)	488.92 (463.69 to 513)	235.79 (215.88 to 251.92)	552.03 (502.98 to 623.42)	268.26 (213.87 to 331.19)