National Institute for Health and Care Excellence

Menopause (update)

[B1] TSU NMA model fit statistics

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1 Contents

1 Model fit statistics

2 Table 1: Dyspareunia

Model	SD	Within-class SD	Residual deviance	Datapoints	DIC
RE – fixed class effect	0.4 (0.24, 0.63)	-	52.8	53	100.4
RE – random class effect	0.39 (0.22, 0.64)	0.18 (0.01, 0.78)	53.3	53	101.3
RE – inconsistency	0.34 (0.16, 0.59)	-	55.2	53	102.7
RE – fixed class effect: bias adjustment	0.35 (0.14, 0.60)	-	52.6	53	101.3

3 Table 2: Dryness

Model	SD	Within-class SD	Residual deviance	Datapoints	DIC
RE – fixed class effect	0.36 (0.23, 0.57)	-	55.23	55	103.7
RE – random class effect	0.26 (0.03, 0.51)	0.37 (0.02, 1.06)	57.41	55	105.4
RE – inconsistency	0.39 (0.24, 0.65)	-	55.99	55	106.3
RE – fixed class effect: bias adjustment	0.35 (0.22, 0.58)	-	54.25	55	103.9

4 Table 3: Discomfort

Model	SD	Within-class SD	Residual deviance	Datapoints	DIC
RE – fixed class effect	0.25 (0.06, 0.57)	-	29.44	30	55.83
RE – random class effect	0.16 (0.01, 0.51)	0.33 (0.03, 1.46)	28.37	30	54.63
RE – inconsistency	0.24 (0.06, 0.59)	-	29.91	30	57.17
RE – fixed class effect: bias adjustment	0.19 (0.01, 0.56)	-	29.35	30	56.48

5 Table 4: Discontinuation due to adverse events

Model	SD	Within-class SD	Residual deviance	Datapoints	DIC
RE – fixed class effect	0.22 (0.01, 0.7)	-	64.21	67	104.5
RE – random class effect	0.2 (0.01, 0.67)	0.42 (0.02, 1.47)	62.87	67	104.89
RE – inconsistency	0.21 (0.01, 0.71)	-	65.85	67	108.78
RE – fixed class effect: bias adjustment	0.21 (0.01, 0.69)	-	62.86	67	112.94

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