

Table 1a.i - Comparison of Distribution of Variables used for Matching – OAI database

Variable	TKR	Non-TKR
MATCHING VARIABLES		
Age riddle category	N=252	N=252
1. <55	7.9% (20)	7.5% (19)
2. 55-65	32.5% (82)	32.9% (83)
3. >65	59.5% (150)	59.5% (150)
Gender (% , fraction male)	42.9% (108/252)	43.7% (110/252)
WOMAC riddle based _sum pain+dis	N=252	N=252
1. slight: p+d <=11	8.3% (21)	9.1% (23)
2. mod: p+d 12-22	18.3% (46)	19.4% (49)
3. intense: p+d 23-33	25.0% (63)	24.6% (62)
4. severe: p+d >33	46.0% (116)	44.4% (112)
99. N/A	2.4% (6)	2.4% (6)
WOMAC cat on contralat	N=252	N=252
1. slight: p+d <=11	54.8% (138)	54.8% (138)
2. mod: p+d 12-22	18.7% (47)	18.7% (47)
3. intense: p+d 23-33	12.3% (31)	12.3% (31)
4. severe: p+d >33	12.7% (32)	12.7% (32)
99. N/A	1.6% (4)	1.6% (4)
Location riddle category	N=252	N=252
0. Unicomp tibio-fem	1.2% (3)	2.8% (7)
1. Unicomp+ patello-fem	47.6% (120)	46.4% (117)
2. Tricompart	1.2% (3)	0.8% (2)
99. N/A	50.0% (126)	50.0% (126)
K-L riddle category	N=252	N=252
0. not mod/sev	20.2% (51)	21.8% (55)
1. yes mod/sev	29.8% (75)	28.2% (71)
99. N/A	50.0% (126)	50.0% (126)
Base SF-12 Physical groups	N=252	N=252
1. 0 to <43	50.4% (127)	49.2% (124)
2. >=43 to <56	23.4% (59)	24.6% (62)
3. >=56	2.0% (5)	2.0% (5)
99. N/A	24.2% (61)	24.2% (61)
Base Charlson Comorbidity score	N=252	N=252
0. none	34.1% (86)	34.9% (88)
1. one	11.1% (28)	10.3% (26)
2. two or more	5.6% (14)	5.6% (14)
99. N/A	49.2% (124)	49.2% (124)
Delta WOMAC pain category (on 20pt scale)	N=252	N=252
0. no more than 1 point increase	26.6% (67)	27.0% (68)
1. increase of at least 2 points	64.7% (163)	64.3% (162)
99. N/A	8.7% (22)	8.7% (22)