loaded patellofemoral joint (Mx)noload patellofemoral joint (Mx) loaded unassisted noload unassisted noload assisted joint loaded assisted joint loaded assisted joint noload assisted joint loaded patellofemoral joint (My)noload patellofemoral joint (My) E loaded patellofeက္စိုးချို့oint (Mz) noload patellofeက္စိုးချို့oint (Mz) 20 40 60 80 20 60 80 100 100 40