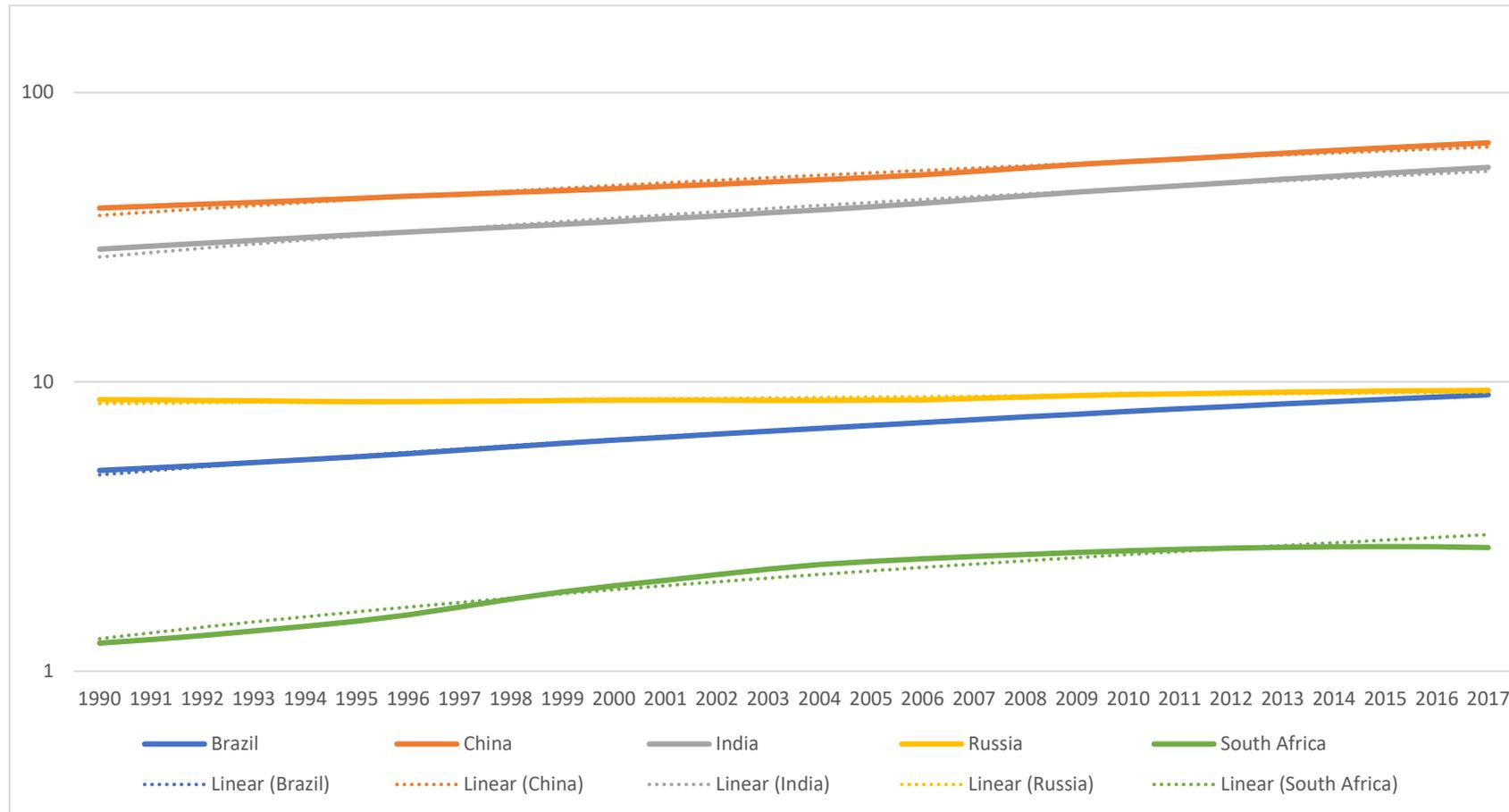
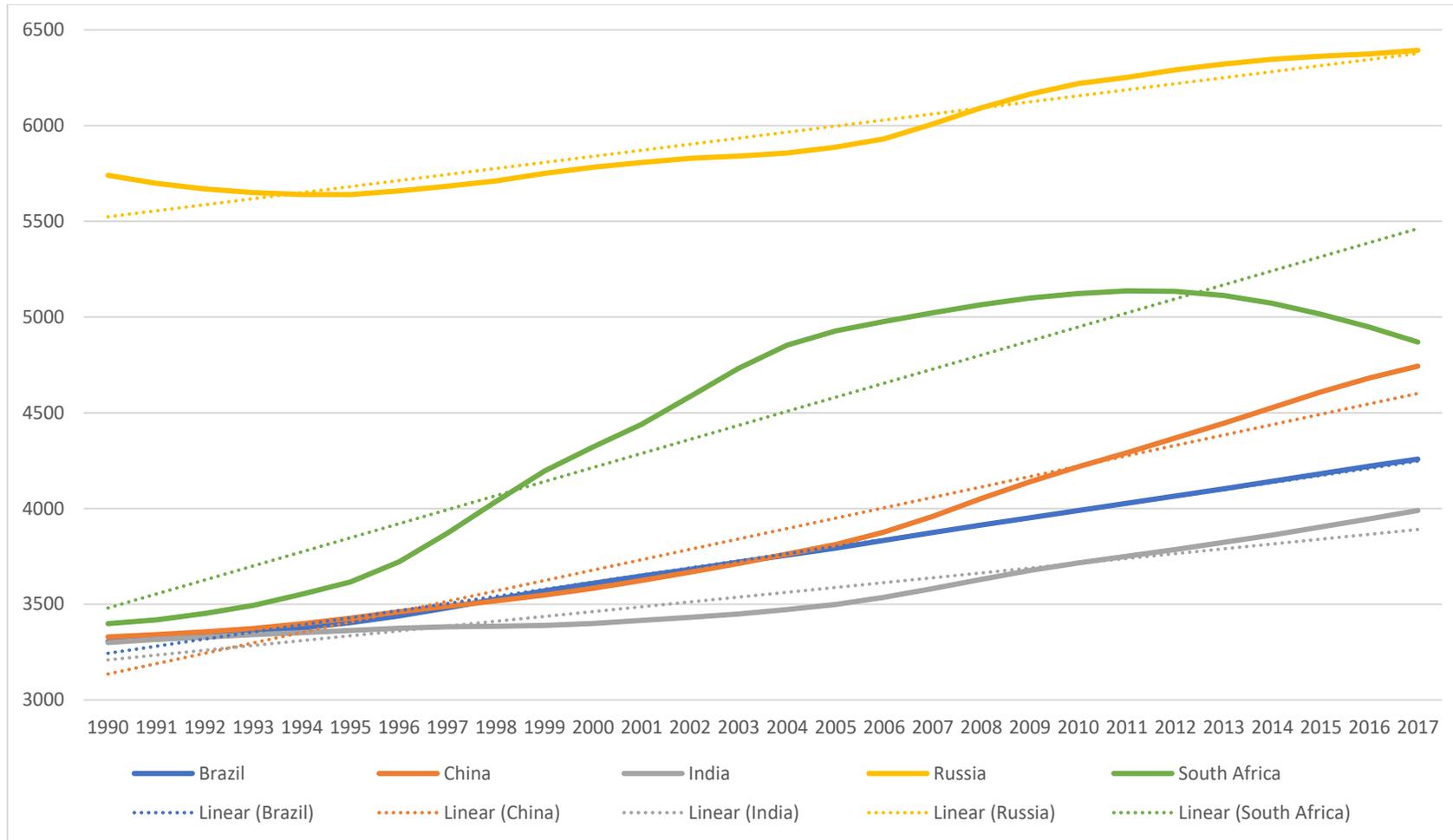


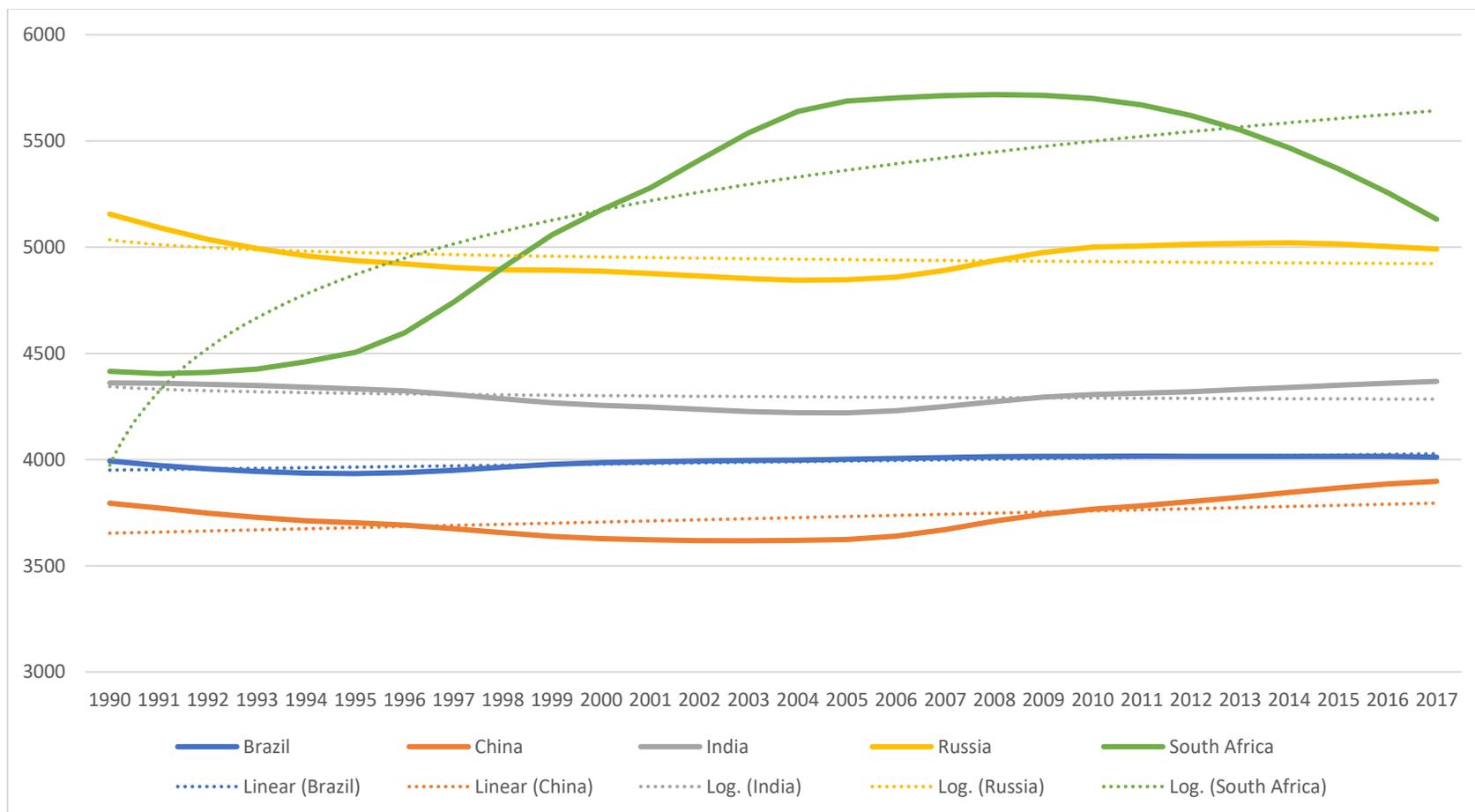
Supplementary Material 1: Total Physical Rehabilitation Needs



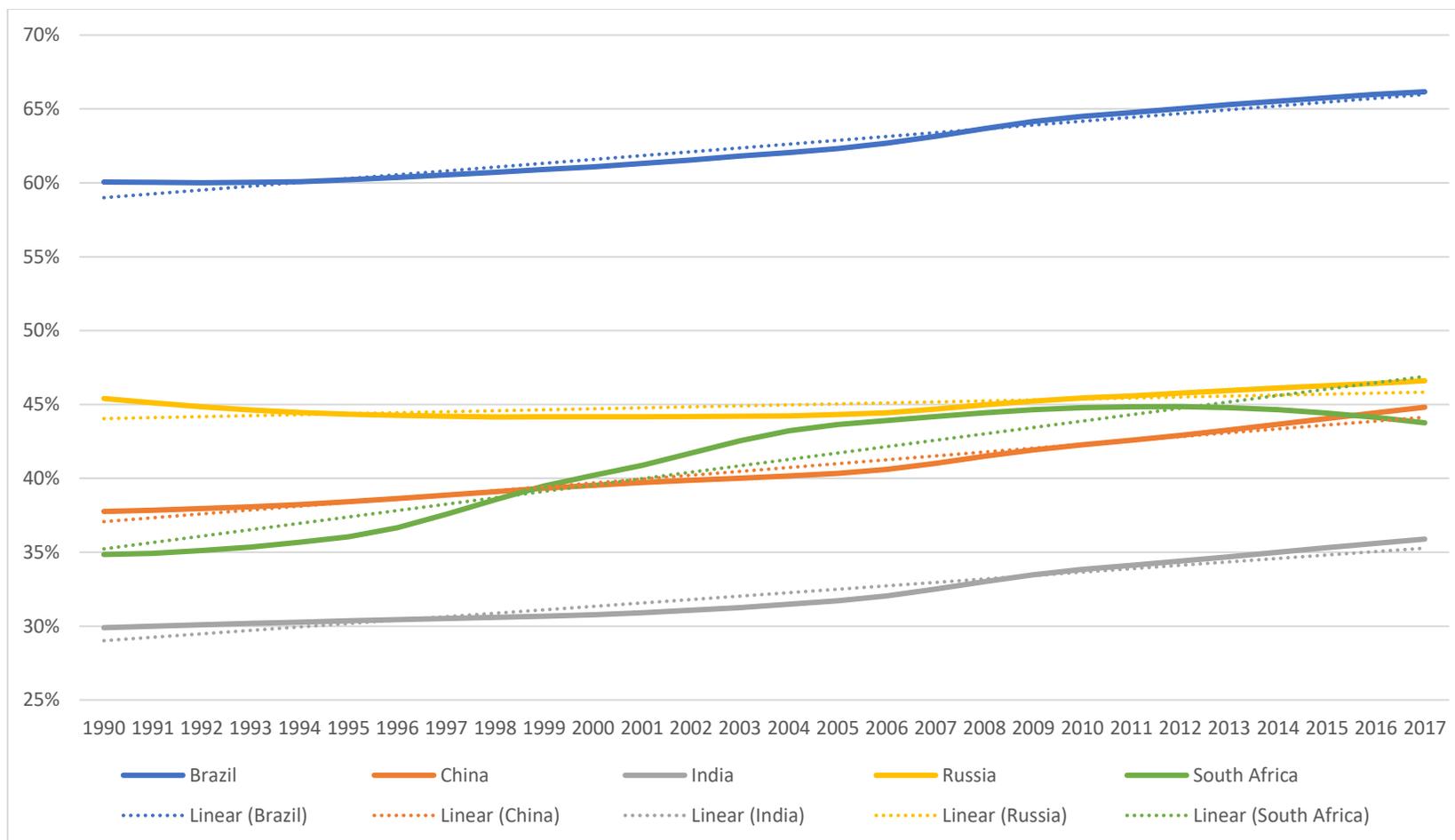
Supplementary Figure 1: Years Lived with Disability (YLD Counts) likely benefiting from physical rehabilitation across the five countries analyzed [1990-2017] and their *best fit* regression models (dotted lines). Values in millions. Y axis is in a logarithmic scale.



Supplementary Figure 2: YLD Rates (i.e. Years Lived with Disability per 100,000 inhabitants) likely benefiting from physical rehabilitation across the five countries analyzed [1990-2017] and their *best fit* regression models (dotted lines).

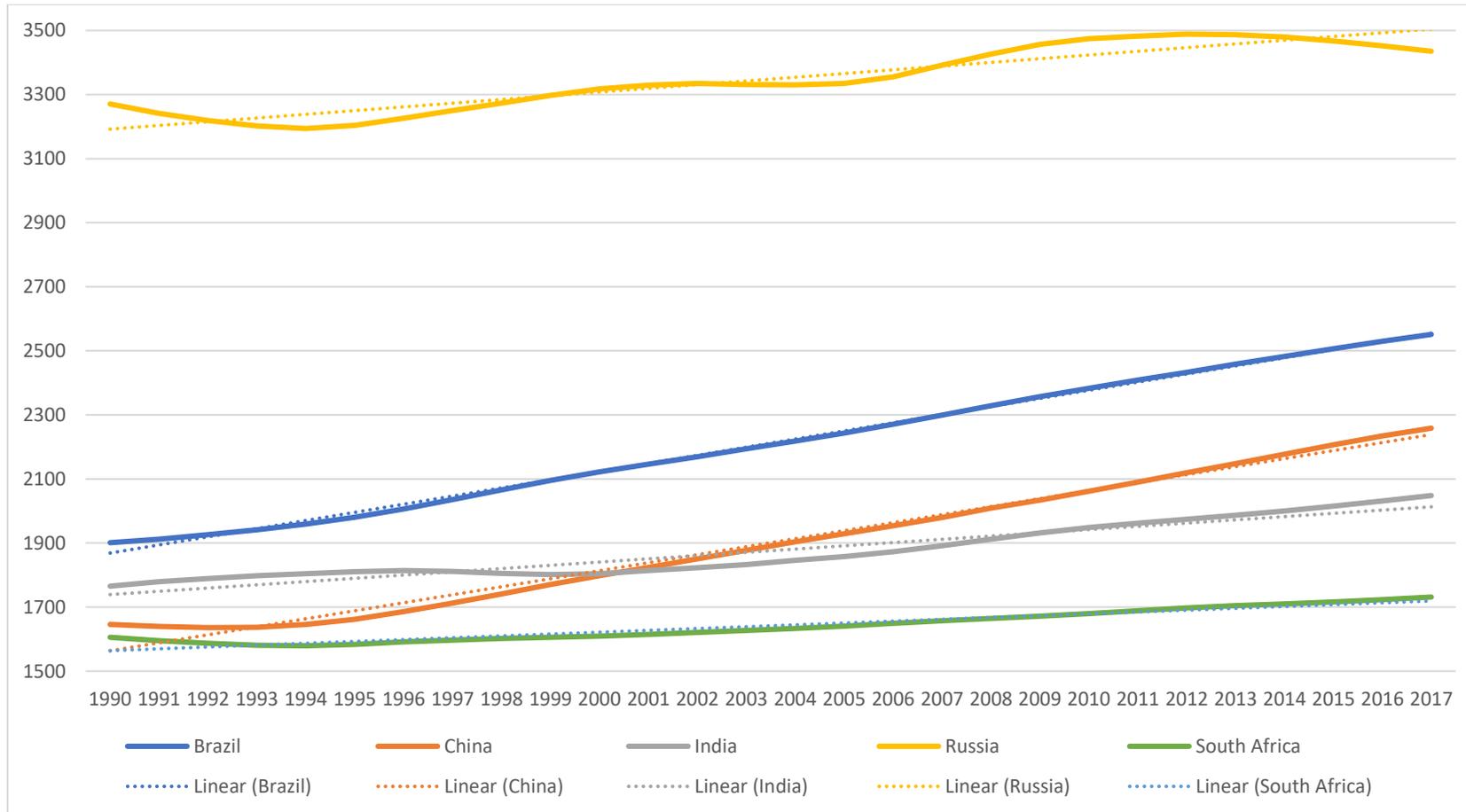


Supplementary Figure 3: Age-standardized YLD Rates (i.e. Years Lived with Disability per 100,000 inhabitants adjusted for population ageing) likely benefiting from physical rehabilitation across the five countries analyzed [1990-2017] and their *best fit* regression models (dotted lines). Abbreviation: Log.: Logarithmic.

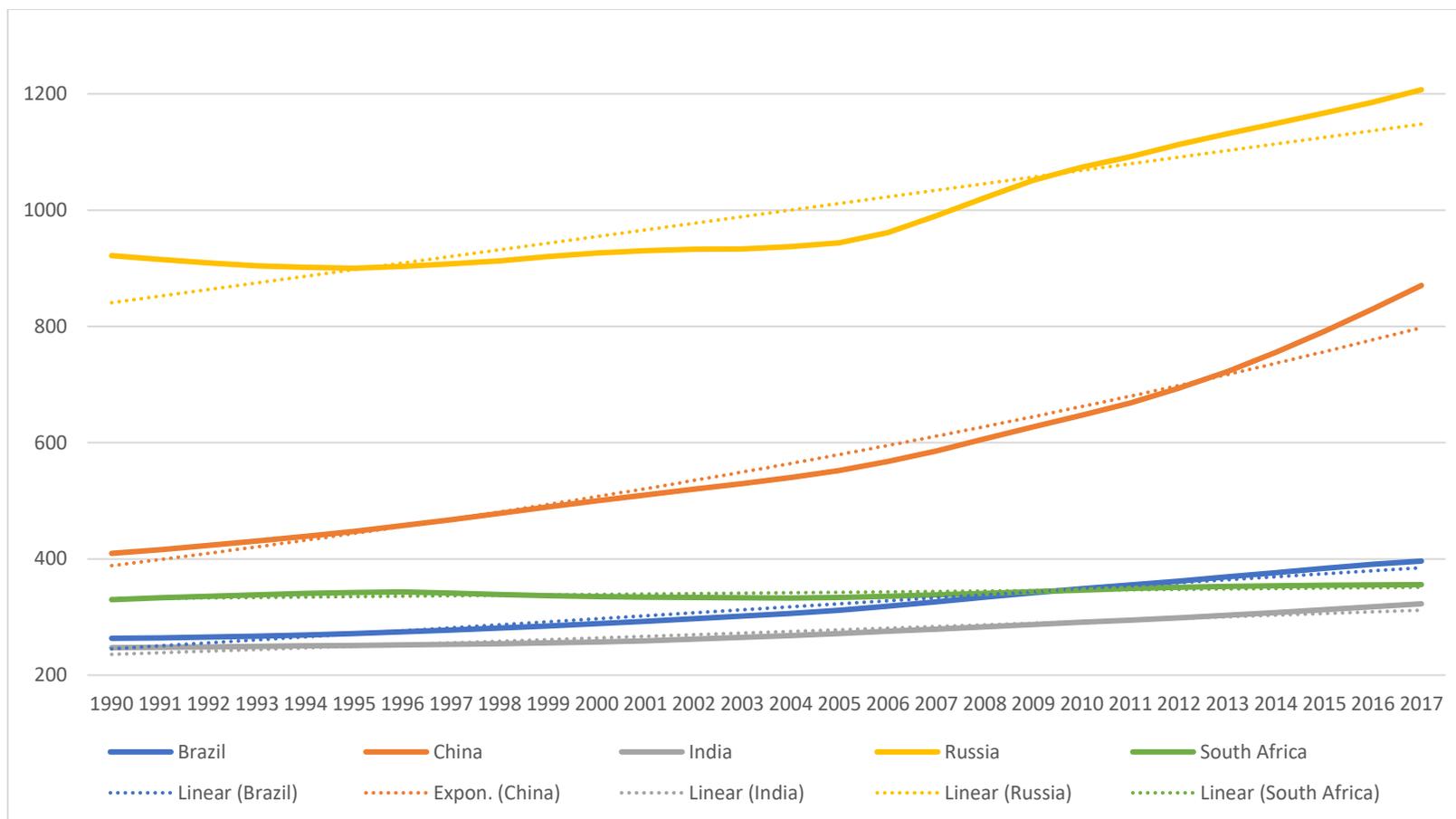


Supplementary Figure 4: Percentage of Years Lived with Disability (YLDs) for all conditions likely benefiting from physical rehabilitation among total YLDs, across the five countries analyzed [1990-2017] and their *best fit* regression models (dotted lines).

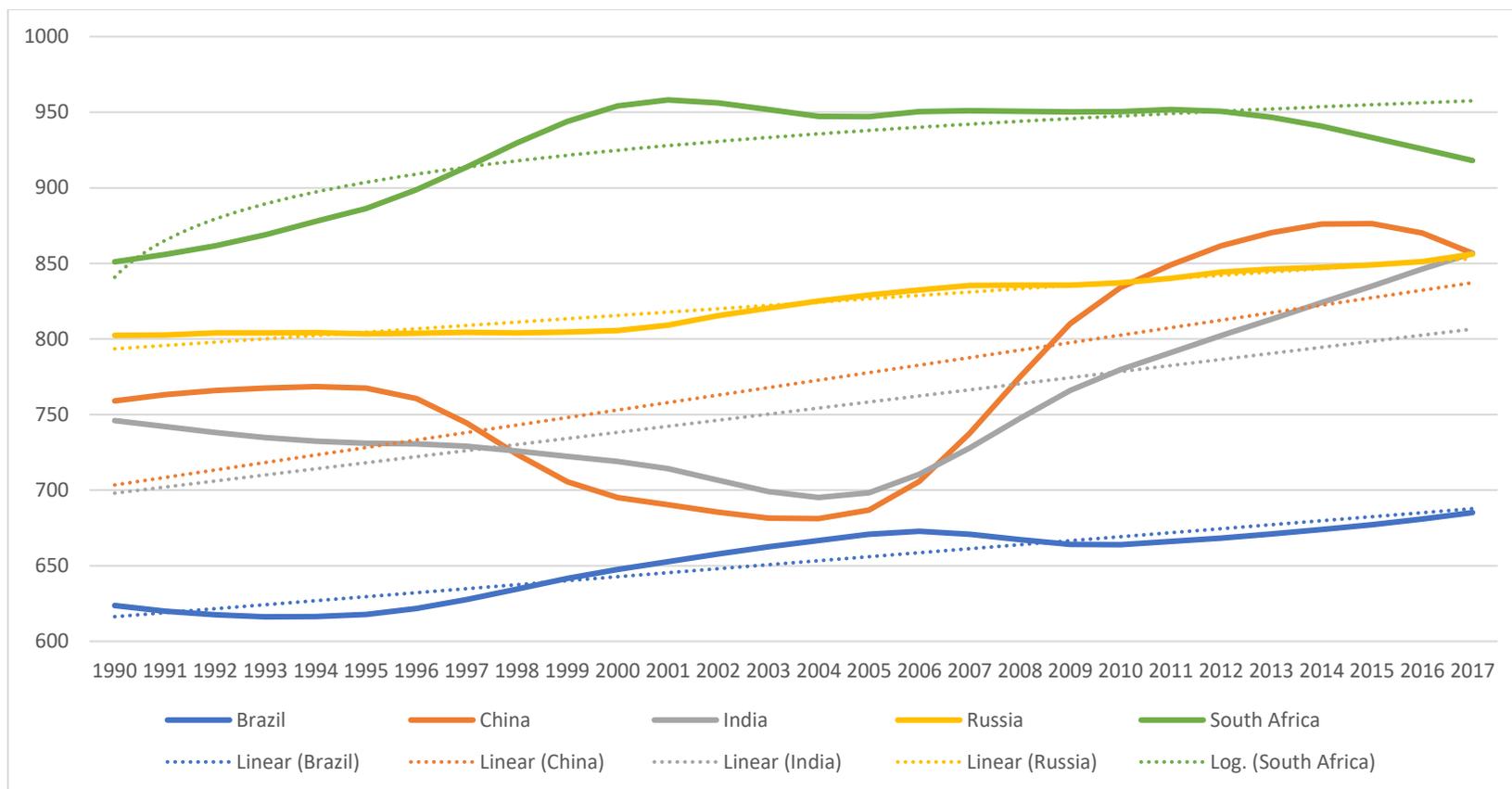
Supplementary Material 2: Needs by condition type



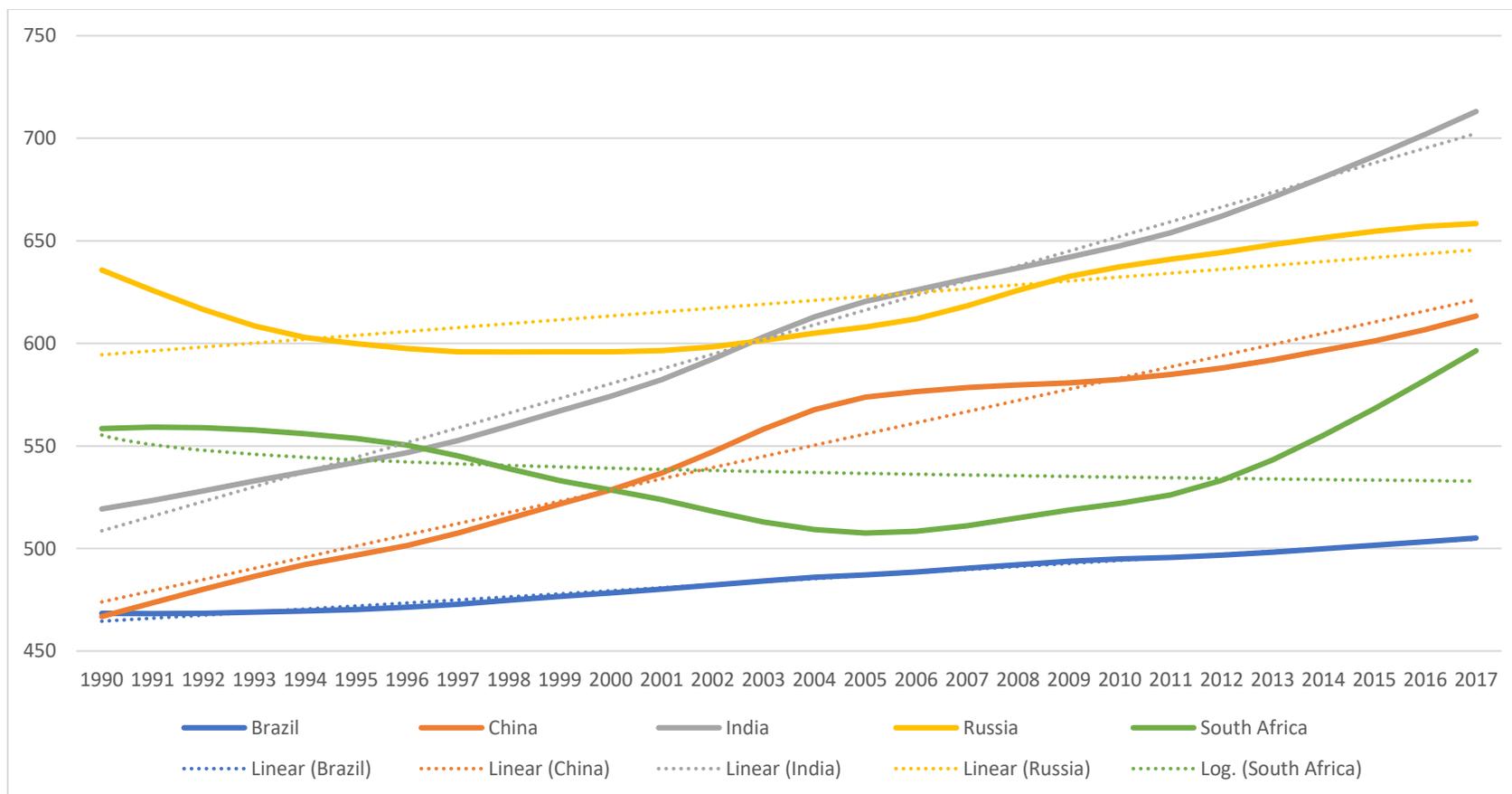
Supplementary Figure 5: Rehabilitation-sensitive YLD Rates (i.e. Years Lived with Disability per 100,000 inhabitants) specifically for the group of *musculoskeletal & pain* conditions across the five countries analyzed [1990-2017], and their *best fit* regression models (dotted lines).



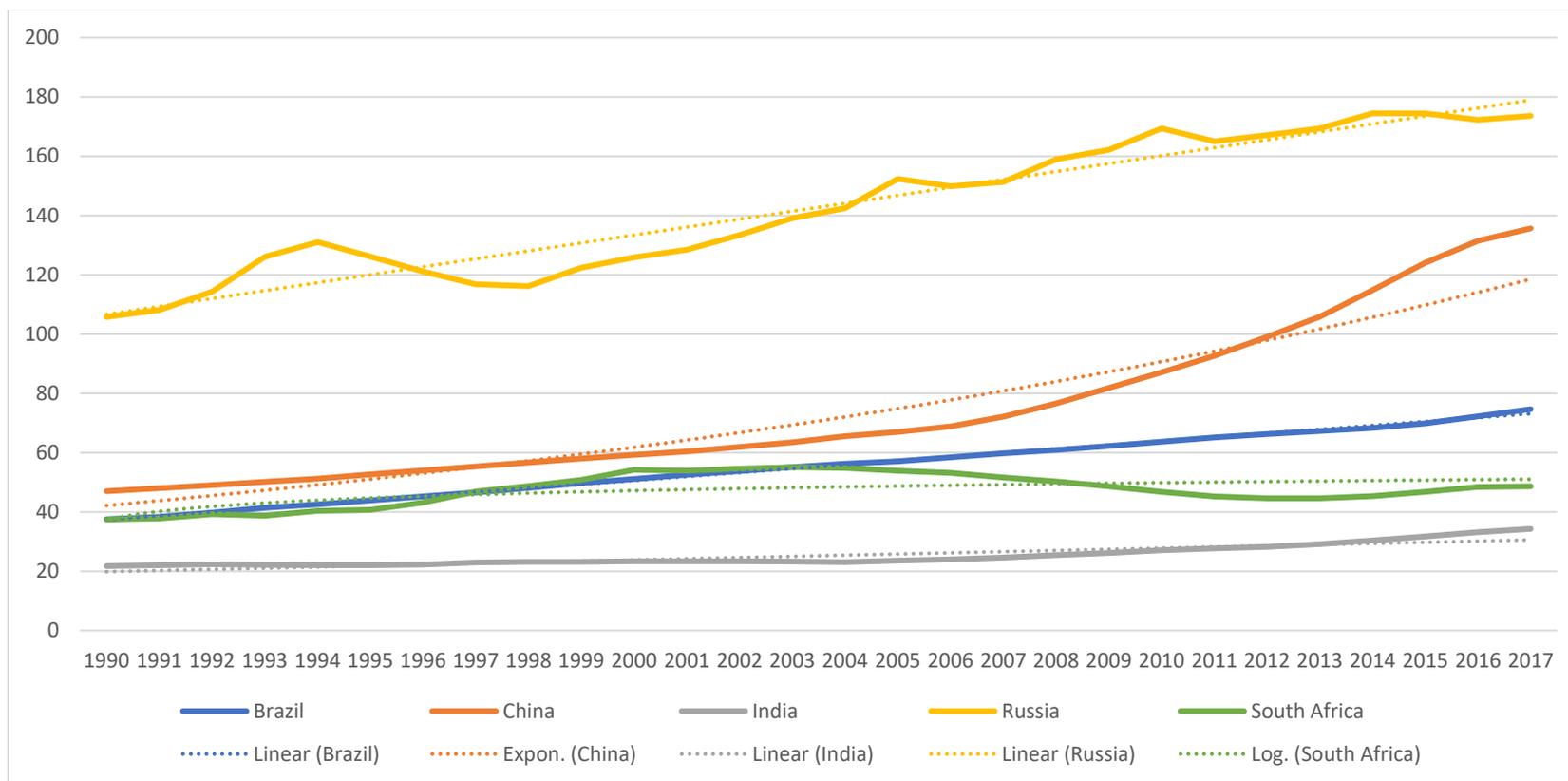
Supplementary Figure 6: Rehabilitation-sensitive YLD Rates (i.e. Years Lived with Disability per 100,000 inhabitants) specifically for the group of *neurological* conditions across the five countries analyzed [1990-2017], and their *best fit* regression models (dotted lines). Abbreviation: Expon. = Exponential.



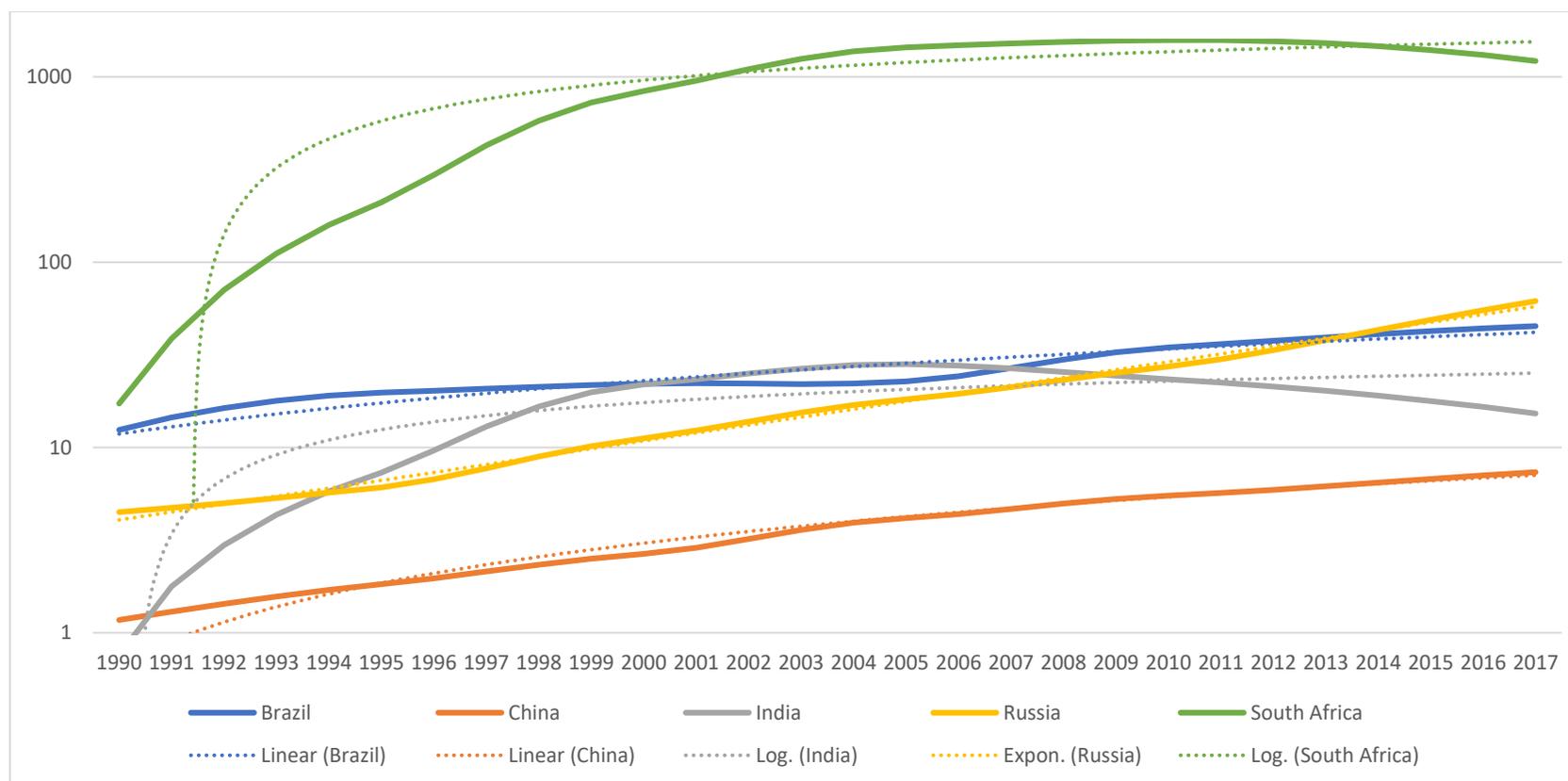
Supplementary Figure 7: Rehabilitation-sensitive YLD Rates (i.e. Years Lived with Disability per 100,000 inhabitants) specifically for the group of *cardiothoracic* conditions across the five countries analyzed [1990-2017], and their *best fit* regression models (dotted lines).



Supplementary Figure 8: Rehabilitation-sensitive YLD Rates (i.e. Years Lived with Disability per 100,000 inhabitants) specifically for the group of *pediatric* conditions across the five countries analyzed [1990-2017], and their *best fit* regression models (dotted lines). Abbreviation: Log. = Logarithmic.



Supplementary Figure 9: Rehabilitation-sensitive YLD Rates (i.e. Years Lived with Disability per 100,000 inhabitants) specifically for the group of *neoplastic* conditions across the five countries analyzed [1990-2017], and their *best fit* regression models (dotted lines). Abbreviations: Expon. = Exponential; Log. = Logarithmic.



Supplementary Figure 9: Rehabilitation-sensitive YLD Rates (i.e. Years Lived with Disability per 100,000 inhabitants) specifically for the group of *HIV-related* conditions across the five countries analyzed [1990-2017], and their *best fit* regression models (dotted lines). The Y axis is at logarithmic scale. Abbreviations: Expon. = Exponential; Log. = Logarithmic.